WIS Report 30
March 1993

US Army Corps of Engineers
Waterways Experiment Station

Wave Information Studies of US Coastlines

Hindcast Wave Information for the US Atlantic Coast

by Jon M. Hubertz, Rebecca M. Brooks, Willie A. Brandon, Barbara A. Tracy
Coastal Engineering Research Center



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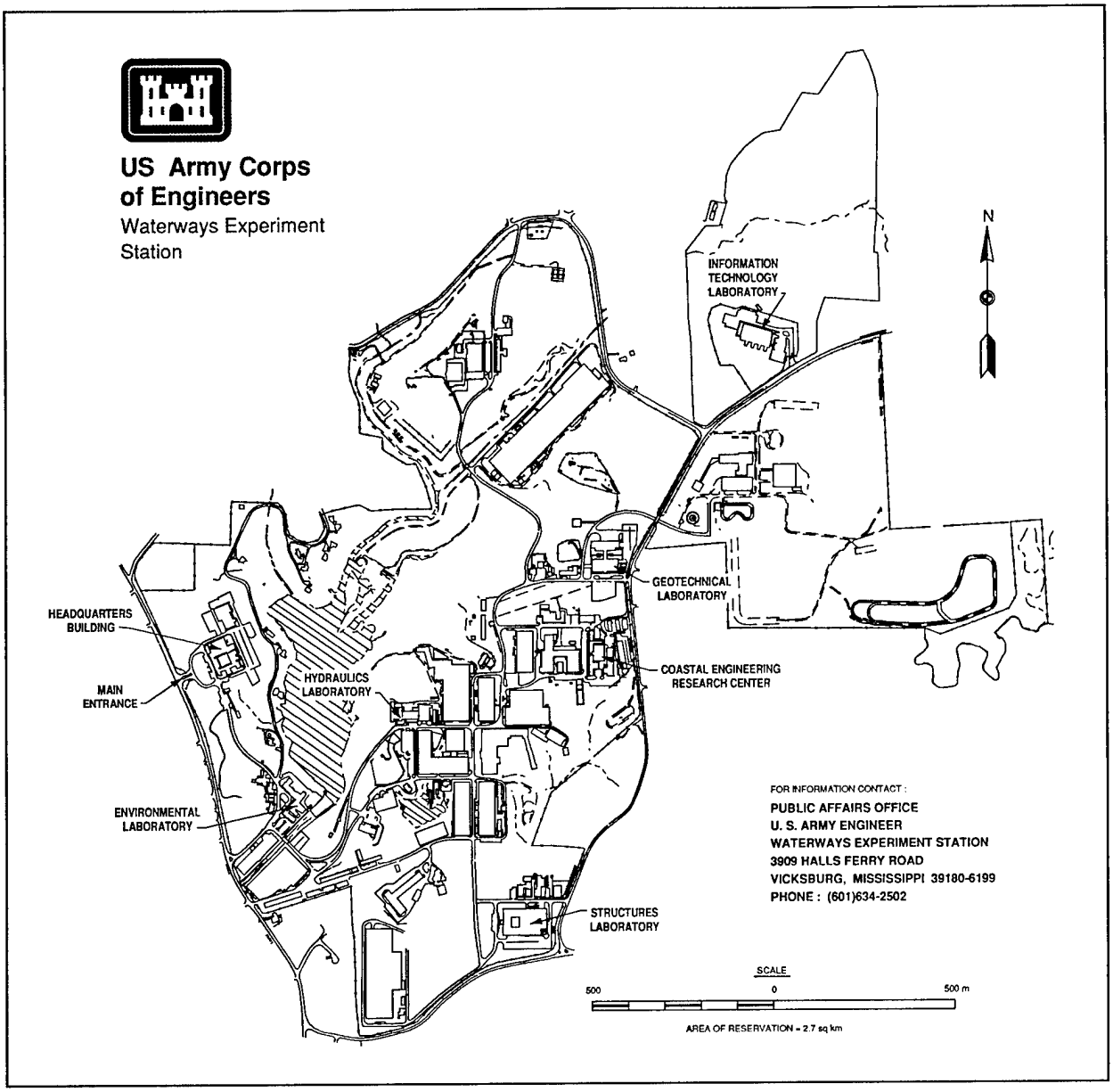
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PREFACE

In late 1976 a study to produce a wave climate for US coastal waters was initiated at the US Army Engineer Waterways Experiment Station (WES). The Wave Information Study (WIS) was authorized by Headquarters, US Army Corps of Engineers (HQUSACE) as part of the Coastal Field Data Collection Program, which is managed by the WES Coastal Engineering Research Center (CERC). Messrs. John H. Lockhart, Jr.; John G. Housley; James E. Crews; and Robert H. Campbell, HQUSACE, are Technical Monitors for the Coastal Field Data Collection Program; Ms. Carolyn M. Holmes is Program Manager; and Dr. Jon M. Hubertz is WIS Project Manager.

This report, the 30th in a series, provides revised wave information at 108 nearshore locations along the US Atlantic coastline and 3 stations along the north coast of Puerto Rico. It supersedes information provided in WIS Reports 2, 6, and 9. The information is derived from wind fields developed in a previous hindcast for the period 1956-1975 and the present version of the WIS wave model, WISWAVE 2.0. This report was written by Dr. Jon M. Hubertz. Application of the model and preparation of all the tables and statistical calculations were done by Ms. Rebecca M. Brooks. Ms. Willie Ann Brandon conducted the verification studies prior to the hindcast. Ms. Barbara Tracy was responsible for model tests to assure proper functioning of the computer code.

The study was conducted under the direct supervision of Dr. Martin C. Miller, Chief, Coastal Oceanography Branch (COB), and Mr. H. Lee Butler, Chief, Research Division; and under the general supervision of Dr. James R. Houston and Mr. Charles C. Calhoun, Jr., Director and Assistant Director, CERC, respectively. Word processing of this report was done by Ms. Jane Stauble, COB, CERC. Editing was done by Ms. Janean Shirley, Information Technology Laboratory, WES.

At the time of publication of this report, Dr. Robert W. Whalin was Director of WES. COL Leonard G. Hassell, EN, was Commander.

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HINDCAST WAVE INFORMATION FOR THE US ATLANTIC COAST

PART I: INTRODUCTION

1. Wave Information Studies (WIS) have supplied wave climate information at nearshore locations along the US Atlantic coast for the 20-year period 1956-1975, documented in WIS Report 2 (Corson et al. 1981), WIS Report 6 (Corson et al. 1982), and WIS Report 9 (Jensen 1983). This information met a critical need for wave information in coastal engineering studies in the 1980's. Wave measurements made by the National Oceanic and Atmospheric Administration (NOAA) and the Corps of Engineers (CE) during the 1980's made verification of these WIS results possible by comparing statistics and the distributions of wave heights and periods from the two different time periods (e.g. Miller and Jensen 1990).

2. Miller and Jensen conducted a wave comparison for the North Carolina coast at the Field Research Facility (FRF) of the Coastal Engineering Research Center (CERC), US Army Engineer Waterways Experiment Station (WES). This comparison indicated that the distribution of hindcast wave heights, periods, and directions differed from the distributions of measured data. The report concluded for wave heights that:

> Wave height distributions agree well for waves over 2 m. However, only 44 percent of the heights exceed 0.5 m for the WIS estimates, compared with 76 percent for the FRF measurements. This difference is attributed, in part, to the coastal orientation, which greatly reduces the fetch for winds blowing near shore-parallel at the gage site. Also, the Phase III hindcast method does not consider additional wind-wave growth from the input Phase II points.

3. The agreement between distributions of the period was not conclusive since WIS reported the mean period of the sea or swell portion of the spectrum, whichever contained the larger energy density, and the FRF reported the peak period of the entire spectrum. The mean period is an energy-weighted average across frequency bands. In the case of the original hindcast results, the average was across those frequency bands designated sea or swell and containing the larger amount of energy density in the entire spectrum. The peak period is the inverse of the frequency at which the peak energy in the

spectrum occurs. It is not appropriate to try and compare these two different estimates of wave period.

4. For wave direction, the report concluded:

> Both the WIS and FRF directions tend to be primarily shore-normal. A clear difference between the distributions is that the WIS estimates have many more shore-parallel low waves. This difference arises because the hindcast method allows for the transformation of wind-sea energy derived from wave conditions propagating in all directions.

5. Examination of wave directions indicated that improvements in the hindcasts were needed. The distribution of mean wave direction from WIS Phase III results at station 132 (Cumberland Island, GA) is shown in Figure 1 as the curve AP3. There is a tendency for a large percent of wave directions to fall within certain 10-deg bands (for example, the 10-, 100-, and 130-deg bands in this case). This tendency is also present in results from Phases I and II stations farther offshore and at other stations alongshore. No explanation for this behavior is available other than a possible error in the computer code or implementation of the code on the computer used to produce the results. Measurements from NOAA directional buoy 41008 at a nearby site (Kings Bay, GA) are also plotted to indicate what should be produced by hindcast values. This atypical distribution of directions produced by the old hindcast is the most compelling reason for revising the hindcast results. Others (Weggel, Douglass, and Tunnell 1988) have also noted "unrealistic" behavior in some of the WIS results, which indicates that revision is appropriate.

6. A 1-year hindcast for the Atlantic was done for 1988, using as nearly as possible the same technique and model as in the original hindcast (Lin and Wang 1990). Results were compared to NOAA buoy and nearshore CE wave gage measurements. Heights compared well to measurements, but periods and directions differed by relatively large amounts.

7. These comparisons led to the decision to revise the WIS information for the Atlantic coast for the period 1956-1975. This report summarizes the procedure used in the revision, verification of the model prior to and after the calculations, and presents hindcast results in summary tables in Appendices A and B.

PART II: WINDS

8. The distributions of hindcast (1956-1975) wind speeds and directions in various speed and direction categories were compared to values available from NOAA buoy measurements made in the 1980's in order to judge the accuracy of the wind climatology in the original hindcast. Some measurements of wind speeds and directions from an NOAA buoy off North Carolina, for a short time period coincident with the hindcast period, were also compared to hindcast values.

9. The locations of the six buoys and model grid points used for wind comparisons are shown in Figure 2. The buoys are: 41006, 41002, 41001, 44004, 44011, and EB01. Buoy data were obtained from Gilhousen et al. (1990). Buoy data were generally available from the late 1970's to the late 1980's. WIS winds were available from 1956-1975. Although the time periods are different, the assumption is made that the wind climatology for the two periods is similar; thus, the distribution of speeds and directions should be similar. The plates in Appendix C compare the distributions of measured and hindcast wind speeds and directions at the five locations shown in Figure 2. Also shown is a time series comparison for one month of measurements during the same hindcast period. The distributions of speeds and directions are quite similar at all locations. The time series comparisons also follow each other in general, with the hindcast curve tending to be smoother than the measured. Since the means and distributions of wind speeds and directions in the two periods were comparable, the original winds were judged acceptable and used in the revised hindcast.

10. The winds used in the original hindcast were referenced to a spherical orthogonal grid, whereas the grid system used in the revised hindcast coincides with latitude and longitude lines. Consequently, an interpolation scheme was used to obtain values at 1-deg intervals of latitude and longitude. These were used in the comparisons in Appendix C. The good agreement supports use of the interpolation scheme.

PART III: WAVE MODEL

11. The latest version of the CE wave model, WISWAVE 2.0 (WIS Report 27 (Hubertz 1992)) was used with the CRAY Y-MP/6 computer system at WES. This super-computer allowed a doubling of the resolution of the original hindcast. The nested grid option of WISWAVE was employed using two levels of resolution. Level 1 covered the North Atlantic Ocean with a grid spacing of 1 deg in latitude and longitude. This grid is shown in Figure 3. The circled points along the US East coast in Figure 3 represent level-1 grid points, which supply information to the level-2 grid. These points are also shown in Figure 4, which shows the level-2 grid. Level 2 covered the continental shelf with a grid spacing of 1/4 deg. Level-2 grid points between the coast and boundary input points from level 1 are water points with associated depths. Grid points to the east of the boundary input points are considered land points to reduce the number of computational water points.

12. Locations at which wave information is available are shown in Figure 2 as numbered dots along the coast. Deep water is assumed in level 1, and bathymetry at mean low water is used in level 2. The islands and shoals off the southeast coast of Florida are included in the depth grid for the revised hindcast. The Bahamas banks and shoals were not included in the original Phase II hindcast and it is questionable whether depths were used in Phase II along the coast. Thus the revised hindcast should more accurately represent these features as well as the coastline in the numerical grid because of the increased resolution.

13. The values of the various coefficients in WISWAVE are the same as those used in the Great Lakes hindcasts (WIS Reports 22 through 26). These coefficients are described in detail in Part III of any of the Great Lakes hindcast reports (e.g. Hubertz, Driver, and Reinhard 1991). The deepwater version of WISWAVE (WISWAVE 1.0 and referred to as DWAVE in the Great Lakes hindcasts) is identical to the present version WISWAVE 2.0, but lacks the propagation routines, which can use arbitrary depths. The documentation of these additions in WISWAVE 2.0 is provided in WIS Report 27 (Hubertz, 1992).

PART IV: VERIFICATION

Hindcast for 1990

14. A 1-year hindcast for 1990 was completed prior to recalculating the 20 years of wave information in order to verify the model and procedures. Model results were compared to measurements at 14 locations along the Atlantic coast (Figure 2). These comparisons are summarized by month in Tables 1-6.

15. Hindcast winds for 1990 were obtained from the Fleet Numerical Oceanographic Center (FNOC). These 19.5-m elevation winds are spaced 2.5 deg apart in latitude and longitude and are available every 6 hr. Interpolation in space from the 2.5-deg spacing is done prior to providing input to the wave model grids. The model interpolates internally in time between times when winds are available. Monthly values of bias and root mean square difference for hindcast and measured wind speeds at the 14 locations are shown in Tables 1 and 2, respectively. Generally the hindcast winds tend to be lower by about 1 m/sec than measured at the 14 sites. Typical root mean square differences (Table 2) are 2-3 m/sec. Buoy and FNOC winds are not independent since the buoy data are assimilated in the process to produce wind speeds and directions.

16. The difference between measured and hindcast (buoy minus model) monthly mean spectral wave height varied from 0.3 to -0.8 m, with an average difference of -0.2 m (Table 3). The difference between measured and hindcast (buoy-model) monthly mean peak wave periods varied from 1.8 to -3.6 sec, with an average difference of -0.6 sec (Table 4). The range and mean monthly root mean square difference for height were 0.3 to 1.1 and 0.5 m and for period were 0.4 to 4.8 and 2.5 sec (Tables 5 and 6, respectively).

17. Thus, from the results of this 1-year hindcast, on average, one could expect hindcast wave heights to be slightly high (0.2 m) with respect to measurements along the coast, and at any time to differ from measured values on average by 0.5 m. The accuracy of the buoy wave height measurements is ±0.2 m or 5 percent for waves above 4.0 m (Gilhousen et al. 1990). The average hindcast wave peak (dominant) periods are slightly high (0.6 sec) with respect to measured values along the coast, and at any time differ on the

average from measured values by 2.5 sec. The accuracy of buoy wave peak period measurements is ±1.0 sec (Gilhousen et al. 1990).

18. Spectral wave heights are an integrated quantity. That is, they are based on the sum of energy under the discrete spectrum. Wave peak mean directions are similar, but to a lesser degree an integral quantity, in that they are the energy-weighted mean of all wave directions in the peak frequency band. Wave peak periods, however, are not an integrated or mean value. They are based only on the location along the frequency axis of the peak spectral energy. Thus, if the spectrum is double peaked, representing sea and swell, for example, the peak frequency can shift from, say, 4 to 10 sec depending on the relative magnitude of the two peaks. This tends to introduce large differences in period comparisons when, for example, a sea peak is largest in a gage record and the swell peak is largest in a hindcast for the same time period, or vice versa.

19. In the above example, both gage and hindcast results would be correct. There are two main components in the spectra and thus two peak periods. If two periods were calculated from the gage spectrum and two from the hindcast spectrum, the corresponding sea and swell periods from gage and hindcast would most likely be in agreement.

20. Peak periods in single-peaked spectra can also vary in time due to the peak shifting from one frequency band to another. The amount of variation depends on the width of the frequency bands and is generally larger in the lower frequency bands. For example, for a fixed band width of 0.01 Hz, the period will vary from 14.3 to 12.5 sec for a shift from 0.07 to 0.08 Hz and from 7.1 to 6.7 sec for a shift from 0.14 to 0.15 Hz. This can lead to relatively large differences in peak periods for spectra whose peaks are within one or two bandwidths of each other at lower frequencies. The number and size of the frequency bandwidths can also affect the variability of peak period in time for gage or model results. Peak periods calculated from spectra with fewer frequency bands that are wider more closely approximate a mean value than periods associated with one of many narrow bands. Spectra produced from the analysis of gage data usually have more frequency bands than those calculated in WIS hindcasts (typically 20 bands). This may introduce differences on the order of seconds when comparing peak periods. Sometimes the gage spectra are "band averaged," that is, a number of adjacent bands are

averaged together to produce one band. If the size and location in frequency space of the resulting gage spectrum is similar to the hindcast spectrum, peak periods will be comparable.

21. Mean periods, which are energy-weighted means over all frequencies, can be compared, but for a double-peaked spectrum, the mean period may be between the sea and swell periods, say, 7 sec in the example above, and thus not be representative of either sea or swell wave period. In a broad single-peaked spectrum, the mean period will be one value representing the many periods present. The mean period will approach the peak period for single-peaked narrow spectra. We have chosen to use peak period to characterize the distribution of energy density in frequency, since this is now the most commonly used variable from measurements and hindcast/forecast studies. Mean periods are available in the output records for use if desired, but peak periods are used in the summary tables. A WIS post-processing program, SPECOMP, is available to identify the spectral heights, peak periods, and peak mean directions of the two major energy-containing portions of the WIS spectra. This spectral component decomposition is necessary for coastal engineering applications at those locations where the wave climate has simultaneously occurring multiple periods and directions.

22. Problems similar to the variability in peak periods occur in picking one direction characteristic of an entire spectrum. The peak mean direction is the energy-weighted mean of all directions at the peak frequency. The mean direction is the energy-weighted mean of all directions in all frequency bands. Using the examples above for peak period, it is apparent that the mean direction of a double-peaked spectrum may not be representative of either major component of the spectrum. The mean direction of a broad spectrum will be one value representing the many present. For coastal engineering applications in which wave direction is a critical parameter, use of mean direction may be an unacceptable parameter if the local wave climate typically has wave energy approaching simultaneously from different directions.

23. We have chosen to use the peak mean direction to characterize the direction in the spectrum. This value is more commonly used from measurements and hindcast/forecast studies than mean direction. Tests conducted at CERC to determine the most appropriate wave parameters to use in coastal processes

modeling indicate that spectral height, peak period, and peak mean direction give the most meaningful results if one is constrained to use just three wave parameters.* To preserve all of the information in a directional wave spectrum, one should use the complete spectrum. However, this is not practical, at present, since most coastal engineering applications are limited to the use of three wave parameters as input; height, period, and direction. The program SPECOMP, discussed above, can be used to produce two triplets of height, period, and direction for a spectrum. This is a better approximation than using one triplet for wave climates having multiple components. Mean wave directions are available on the output records for use if desired, but peak mean directions are used in the summary tables. Next, hindcast results from the period 1956-1975 are compared to measured results from buoys at five locations along the coast where WIS stations and buoys are close to the same location and depth.

Hindcast for 1956-1975

24. There are five buoys along the coast, which are at locations close to points where WIS results are saved from the 20-year hindcast for both the old and new hindcasts. The buoy and WIS station locations are listed in Table 7, along with depths at the buoys and WIS stations from the revised hindcast. Table 8 provides similar information for the old hindcast. Figure 2 shows the location of the buoys with respect to the WIS stations, the actual coastline, and the land/water boundary as represented in the model. Measured and hindcast wave conditions can be affected by local features, especially near the coast. Examples of these features are depth differences between measurement and model sites, differences in actual location of the coastline and its representation in the model, and the presence of currents in nature that are absent in the model. Such features, which may affect comparisons at the five buoy sites, are discussed next.

25. Buoy 41008 is approximately 8 n.m. (14.82 km) farther offshore than WIS station 28 and is in 18 m of water versus 11 m at the WIS station. Both

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* Personal Communication, July 1992, Mark Gravens, Coastal Engineer, US Army Engineer Waterways Experiment Station, Vicksburg, MS.

locations are open and unsheltered by either the actual coastline or model representation of the land/water boundary. Both should be unaffected by currents since they are away from the Gulf Stream, which is the major current in this region. The effects of the Gulf Stream or local tidal currents near bays and inlets are not included in the hindcast.

26. Coastal-Marine Automated Network (CMAN) Station CHLV2 (Chesapeake Bay Lighthouse, Virginia) is closest to WIS station 59. Waves at the CMAN station are measured by an infrared laser wave height sensor, sampling the sea surface in a depth of 12 m off the northeast corner of the lighthouse. The depth at the WIS station is 14 m. Both locations are open and unsheltered by either the actual coastline or model representation of the land/water boundary. The CMAN station is sheltered from the west to the south by the lighthouse. The lighthouse, with its laser wave-measuring device, is near the entrance to Chesapeake Bay and thus may be exposed to the ebb and flood currents from the bay and ocean, respectively. These currents have a maximum magnitude of about 1 m/sec in the entrance. No currents were used in the hindcast. Thus, any measurable effects of the ebb and flood currents on waves, (e.g. steepening and breaking for opposing flow, or lengthening and flattening for flow in the same direction as wave propagation) are not represented in the hindcast results. No quantitative measure of the effect of currents such as these on wave climate at these sites is available, so their possible effects are unknown.

27. Buoy 44012, at a depth of 24 m, is located in the entrance to Delaware Bay closest to WIS station 66 at a depth of 18 m. The currents in the bay entrance are again on the order of 1 m/sec and may influence local wave conditions. Buoy 44012 is a Large Navigational Buoy (LNB), with a discus-shaped hull, 12 m in diameter. These buoys do not follow the slope of the shorter length (higher frequency) surface waves as well as those of smaller size. For example, the buoy would probably not respond well to a 4-sec wave with a length of about 24 m, since the length of the buoy is only one-half the wavelength. A transformation is applied by the National Data Buoy Center (NDBC) in processing the data from all LNB's to correct for this lack of response.

28. Buoy 44013 is near Massachusetts Bay at a depth of 30 m. WIS stations 94 and 95 are close by. Station 94 was chosen for comparison since

it is at a depth of 27 m and the depth at station 95 is 55 m. The location of 44013 is sheltered by the configuration of the coastline (Figure 2, Sheet 4). The grid spacing in the model does not allow resolution of features such as Cape Ann, which is the small cape to the north of buoy 44013. Station 94 is not sheltered from the north as the land/water boundary of the model (solid line in Figure 2) is configured. Thus, one might expect less wave energy to be present at buoy 44013 than at station 94 for certain wind and wave propagation conditions. Buoy 44013 is an LNB 12-m discus hull and thus subject to possibly underestimating wave conditions for shorter low-period waves.

29. Finally, buoy 44007 is at a depth of 47 m and is closest to WIS station 99 at a depth of 18 m. Sheltering from the actual coastline and model representation is nearly equivalent and should not introduce any bias in comparisons. This buoy is also an LBN with a 12-m discus-shaped hull.

30. Table 9 presents a summary of average and maximum values of spectral wave height and peak period from measurements and new hindcast results at the five locations discussed above. Table 10 presents similar information from the old hindcast, but for wave heights only, since periods are not comparable to old values from the revised hindcast. Tables 11-15 contain the monthly information summarized in Table 9. Note that the time periods from which the averages and maximum values are derived are different. The hindcast values are from the 20-year period 1956-1975, while the measurements are from 4 to 9 years, depending on the buoy, in the period from 1982-1991. The hindcast results are continuous in time every 3 hr. The buoy data may have gaps in the record of various lengths of time throughout the years. The buoys measure all waves passing, while the hindcast only generates waves within the model grid, and the wind fields used exclude tropical storms and hurricanes. Thus, swell propagating from the South Atlantic and waves generated by tropical storms and hurricanes are not present in the hindcast results.

31. Mean wave heights from the revised hindcast and measurements (Table 9) at the five sites generally agree, considering the bias of 0.2 m determined from the hindcast for 1990 and the accuracy of the buoy measurements of 0.2 m, or 5 percent. The largest difference of 0.5 m is at buoy 44013 in Massachusetts Bay where the measured values are on the average lower than

hindcast values. Personnel at NDBC* believe heights from this buoy may underestimate actual conditions based on observations from local people in the region. This may be due to the size of this buoy (LNB, 12 m) and the percentage of higher frequency waves in this embayment versus the open ocean. The differential sheltering discussed above may also contribute to this trend. The effect of currents near the entrances to Chesapeake and Delaware Bays may affect the wave climate at these locations. Mean peak periods agree, on average, within 1 sec or close to the accuracy of the buoy measurements (±1.0 sec).

32. Maximum wave heights generally agree within 1.0 m. There is no trend for the maximum hindcast values to be higher or lower than measured maximum values. The largest difference is at the Massachusetts Bay site, where the buoy value is lower than the hindcast by 2.6 m. The differential sheltering discussed above may be responsible for this difference. Maximum measured and hindcast peak periods agree on the average within 2 sec.

33. The results from the old hindcast in Table 10 indicate that the old hindcast mean wave height results are generally in agreement with buoy measurements, but biased low on the average by about 0.4 m, while maximum values are consistently low by about 1 m. No comparison of periods is possible because of the way in which the original periods were calculated (see paragraph 3).

34. Mean and maximum values of spectral wave heights and peak periods from the new 20-year hindcast agree well with measured values at five sites along the coast from Georgia to Maine (Tables 9 and 11-15). These comparisons, and the results from the 1-year hindcast discussed above, verify that the new hindcast values of wave height and peak period are consistent with the climatology of these wave parameters along the coast. Next, hindcast wave directions are compared to directional wave measurements.

35. There are few directional wave measurements of long duration in deeper water offshore away from nearshore refraction effects. One set of such measurements for the period 1988-1991 is available from NOAA buoy 41008 (30.7 N, 81.1 W) about 20 statute miles (32.2 Km) off the coast of Georgia

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* Personal Communication, May 1992, David Wang, Oceanographer, NDBC, Stennis, MS.

(Figure 2, Sheet 2). The distribution of peak mean direction in 10-deg increments from this set of measurements is shown in Figure 1. Also plotted are values of the same parameter from the revised hindcast for the period 1956-1975 at WIS station 28 (Revised Atlantic Level 2 (RAL2), 30.75 N, 81.25 W). The distribution of mean wave directions from Phase III (30.81 N, 81.45 W, depth 10 m) of the original hindcast are also plotted (Atlantic Phase 3, AP3). Note that the Phase III results are mean directions versus peak mean directions, and only wave energy with a component toward shore is present. The mean directions were determined in the same manner as the mean period. That is, sea and swell portions of the spectra were determined and the portion containing the larger amount of energy density was used to determine mean direction, excluding the remaining portion.

36. The directional distribution from the revised hindcast results agrees reasonably with the shape of the curve from the buoy data. Differences are generally less than 5 percent. Note that the buoy data are from the period 1988-1991, while the WIS results are from 1956-1975. To conclude that the new WIS results are accurate from this information, one must assume that the directional wave climate is the same for both periods of time. This directional comparison, though limited, shows that the revised WIS results accurately represent the directional wave climate at this location.

PART V: RESULTS

37. Hindcast results are available at the locations shown in Figure 2, as well as at three locations north of Puerto Rico along 19 deg N at 65, 66, and 67 deg W. Results are available as time series for the 20-year period or as tabular summaries similar to previous WIS reports. Time series results are available every 3 hr. Each record contains, in order: station number, data-time (UTC), spectral wave height (meters), peak and mean period (seconds), mean direction (degrees "from" in a compass sense), wind speed and direction (meters per second, same directional convention as waves), the frequency spectrum (percentage of $m^{**}2/hz$), and the mean direction in each frequency band (percent of 360 deg). The format and documentation of the output records are described in detail in WIS Report 27 (Hubertz 1992) or in an ASCII file accompanying the data. The record format was designed to provide basic wave information such as height, period, and direction, as well as a more complete spectral description of wave conditions. The entire 20-year time series at a station can be provided in a compressed format on two high-density 3-1/2 in. disks for use on personal computers.

38. Also available are two personal computer programs, VIEWTSAT (View Time Series Atlantic) and VIEWSPAT (View Spectra Atlantic), which can be used to view time series of wave parameters or wave frequency spectra, respectively. Another post-processing program, SPECOMP, was used to determine the two major components in frequency and direction of the directional spectra. This alternative format is useful when an application requires better resolution of directional spectral wave energy than the resolution possible using only the spectral height, peak period, and peak mean direction, but still confining information to triplets of height, period, and direction. Each station's 20-year parameter/component file can be provided on one high-density 3-1/2-in. disk. Less disk space, approximately 4.5 Mb as opposed to 8 Mb for the spectral file, is required to restore this alternate data file to the hard disk. The time series of results (in either format), the programs to view the spectra, and the tabulated statistical summaries are available. For more information, contact the WIS project office (601-634-2028).

PART VI: EXPLANATION OF SUMMARY TABLES

39. The revised hindcast wave results are summarized and tabulated in a four-page format for each station. These summary tables are presented in Appendix A. The three stations north of Puerto Rico are at the end of the appendix. The first page contains the distribution of spectral wave height, peak period, and peak mean direction in 0.5-m height, 1-sec period, and 22.5-deg direction categories by month for the 20-year period. These tables are useful in showing the distribution of height, period, and direction through the range of their values and in time through the year. As an example of using the table, at station 1 (page A3) for all Januaries from 1956 to 1975, inclusive, there were 2,073 occurrences of hindcast waves with a height between 0.50 and 0.99 m, inclusive. Model output is every 3 hr on the hour in UTC time. The total number of possible occurrences for each month is shown at the bottom of each monthly column. The total for February differs from the other months due to the length of the month (28 days) plus an extra day in the month every 4 years, or leap year. The total number of occurrences in each category is shown in the last column on the right side of the page. The total possible number of occurrences is 58,440. Note that number of occurrences is reported, whereas previous WIS reports have used percent occurrences. That is, the number of occurrences, divided by the total possible, times 100. The number of occurrences is used to explicitly account for each occurrence. The truncation of percentage values can omit indication of rare occurrences and possibly yield cumulative totals less than 100 percent.

40. The next set of tables shows the number of occurrences by 1-m height and 2-sec period categories for eight different direction bands each 45 deg in width, and a final table for all directions. These tables are useful to find the dominant direction from which wave energy is approaching a location and how it is distributed in height and period. For example, at station 1 (page A4) there were 149 occurrences of waves with a height between 2.00 and 2.99 m and period between 9.0 and 10.9 sec from the direction band between 67.50 and 112.49 deg centered about 90.0 deg. Column and row summations are shown along the bottom row and right-hand column, respectively, as in the occurrences-by-month tables discussed above. Note that at this station, 31,544 occurrences out of a total of 58,440 are from directions

between the compass directions of ENE and ESE, and most of these are low in height and period.

41. The distribution of wind in 2.5-m/sec and 45-deg speed and direction categories, on a monthly basis, is shown in the next two tables. These tables are useful for understanding the climatology of winds at a site. Local sea conditions and wind-driven currents can be inferred from the wind climatology. Note that at this station, winds are generally less than 7.5 m/sec and are from the east or northeast.

42. The last two tables, page A6, summarize mean and maximum wave heights by month for each of the 20 years hindcast. The maximum wave height table also includes the peak period and peak mean wave direction associated with the maximum wave height occurrence. Means and maxima by month for all years and by years for all months are summarized on the bottom row and right-hand column, respectively. Associated peak periods and peak mean directions are included in the summary row and column of the maximum table.

43. As an example, the maximum height in 1956 at station 1 was 2.4 m, had a peak period of 9 sec, and was coming from about 70 deg from the ENE. Since the peak directions of this table are divided by 10, the tabulated value is the mid-range of a 10-deg direction band. The actual value for the peak direction, represented by a 7, could have been from any direction from 65 to 74 deg. The largest height occurring at this station in any of the Januaries of the 20-year period is 3.1 m, and occurred in both 1957 and 1968, with respective peak periods of 9 and 7 sec and peak directions of 80 and 90 deg.

44. The last two lines of the summary tables for each station contain the maximum height at the station for the entire 20-year period and the associated peak period, peak mean direction, and date of occurrence, and the maximum wind speed, associated direction, and date of occurrence. At this particular station, the maximum height occurred on June 3, 1968 and was due to the influence of Hurricane Abby south of Cuba. Note that hurricanes are not modeled as entities, but they can influence the larger scale pressure fields from which the wind fields are calculated and thus result in high wind and wave energy.

45. Appendix B contains estimated wave heights for return periods of 2, 5, 10, 20, 25, and 50 years based on the 20 years of hindcast results and the Fisher Tippett Type I and II distributions. The values were calculated using

the methods employed in the significant wave height analysis module of the Automated Coastal Engineering System (ACES) package (Leenknecht, Szuwalski, and Sherlock 1990). Note that these values do not represent the effects of tropical storms or hurricanes. WIS Report 19 (Abel et al. 1989) should be used for estimates related to those events. The locations at which information is available in the two studies differ, due to the different model grids used.

46. Table 16 presents a comparison of wave heights for various return periods at the five locations where the original hindcast stations are close to the revised hindcast locations. The original hindcast values are denoted by AP3 for Atlantic Phase 3, and the revised hindcast values by RAL2 for Revised Atlantic Level 2. Fisher Tippett Type I and Type II estimates were calculated from both the original 20-year time series and the revised 20-year time series. The estimates published in WIS Report 9 (Jensen 1983) are also shown. These were calculated using probabilities determined by the number of events plus one, divided by the rank of the event. Wave heights were ranked using only one height per event, where events were defined as storms separated by at least 5 days.

47. The estimated heights for all return periods are universally higher for the revised hindcast than for the original hindcast. The higher values are closer to the highest values measured by the buoys close to these locations. Note that the duration of buoy measurements is shorter than the 20 years of hindcast results and for a different period of time. In summary, the revised values of wave height for various return periods are larger than the original hindcast values and more accurate, since they more closely correspond to maximum measured values.

48. These summary tables and the model output records from which they were derived are a verified source of information for the wind and wave climate along the US East coast. This information can be used to gain a basic understanding of wind and wave conditions at a site and may be used as input to more specific modeling associated with coastal engineering projects. Present coastal engineering practice requires site-specific investigations with possible modeling of alternative designs. Thus, high-resolution wave information close to the shore is more efficiently produced, as required for site-specific projects, by making use of this offshore wave information rather

than applying a higher resolution level of modeling along the entire coastline. This one set of revised hindcast results replaces the three phases of the previous study summarized in WIS Report 2 (Corson et al. 1981), WIS Report 6 (Corson et al. 1982), and WIS Report 9 (Jensen 1983).

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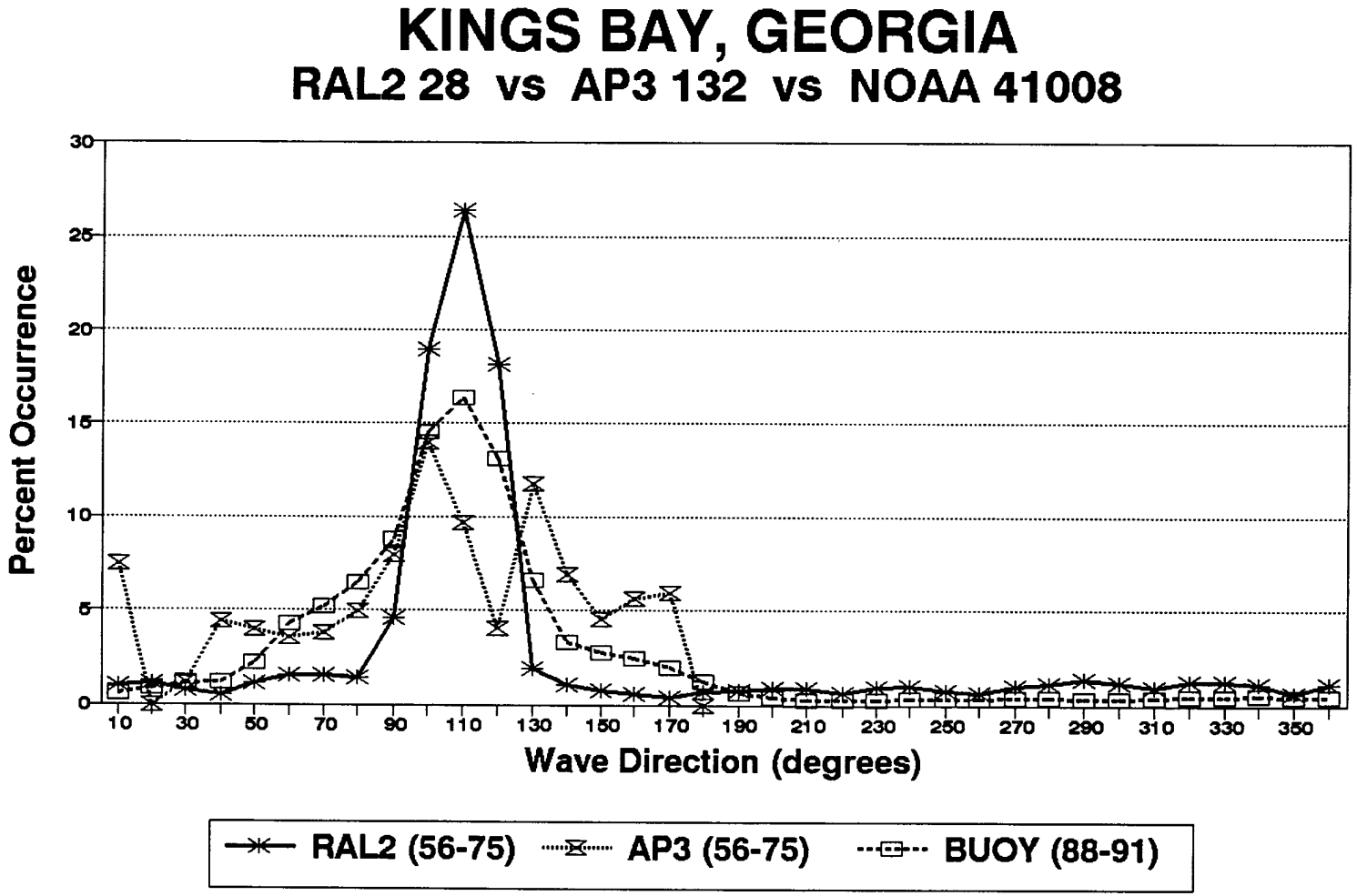


Figure 1. Distribution of wave directions from original hindcast (AP3) and revised hindcast (RAL2) for 1956-1975 and measurements from Buoy 41008 during 1988-91

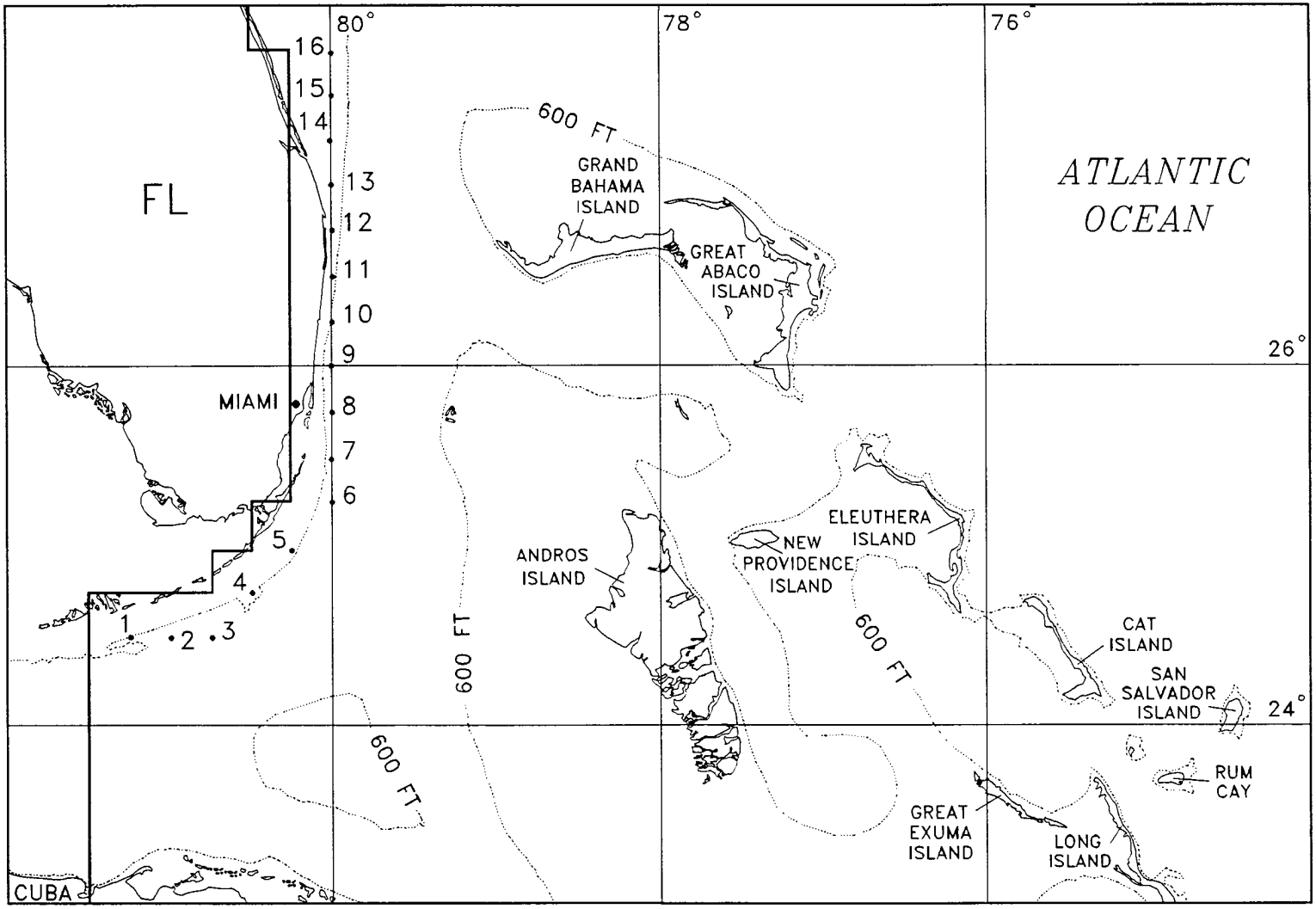


Figure 2. Location of WIS Stations (solid dots), NOAA buoys (circled dots), land/water boundary (solid thin line, actual; solid wide line, model), and continental shelf boundary (dotted line) (Sheet 1 of 4)

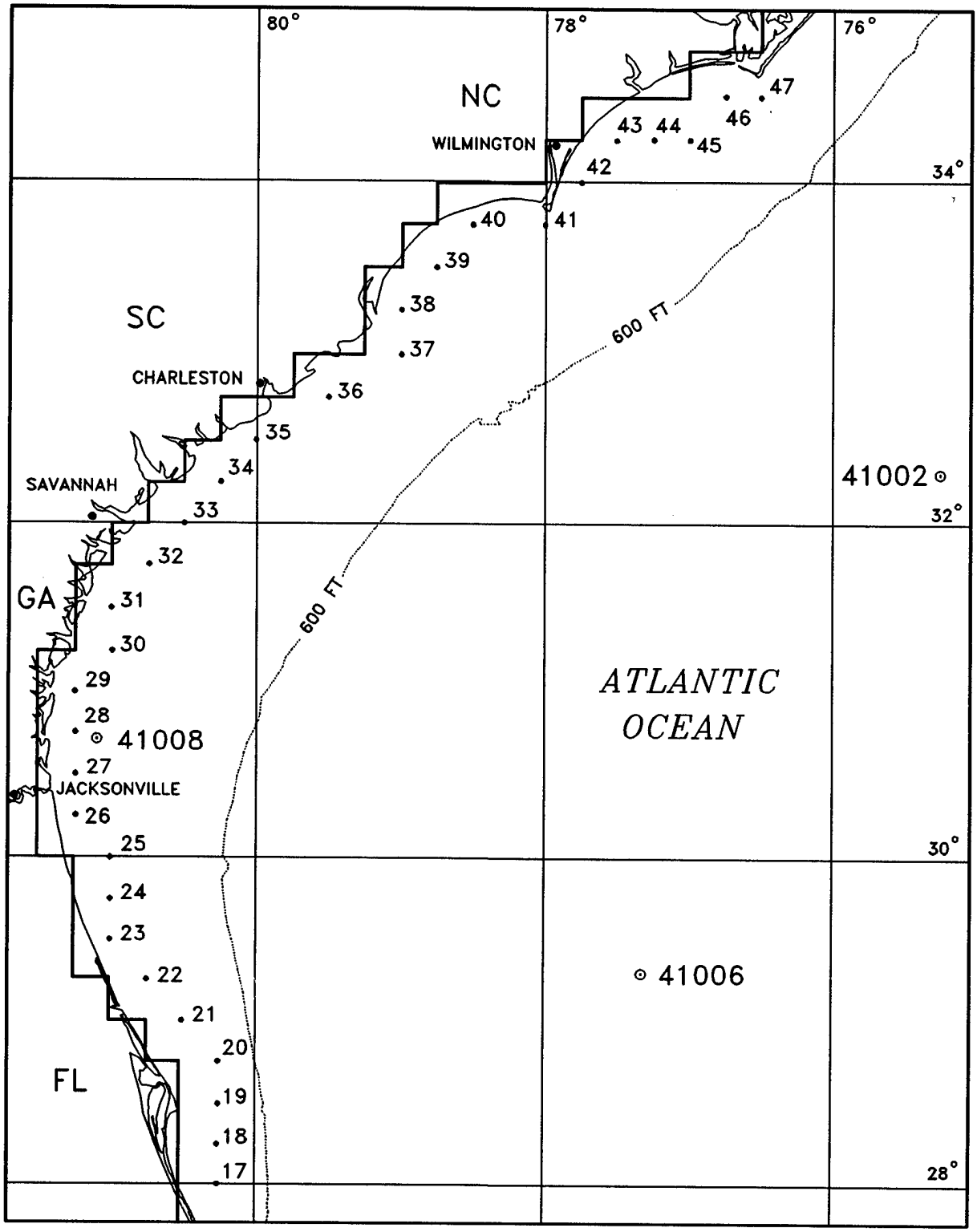


Figure 2. (Sheet 2 of 4)

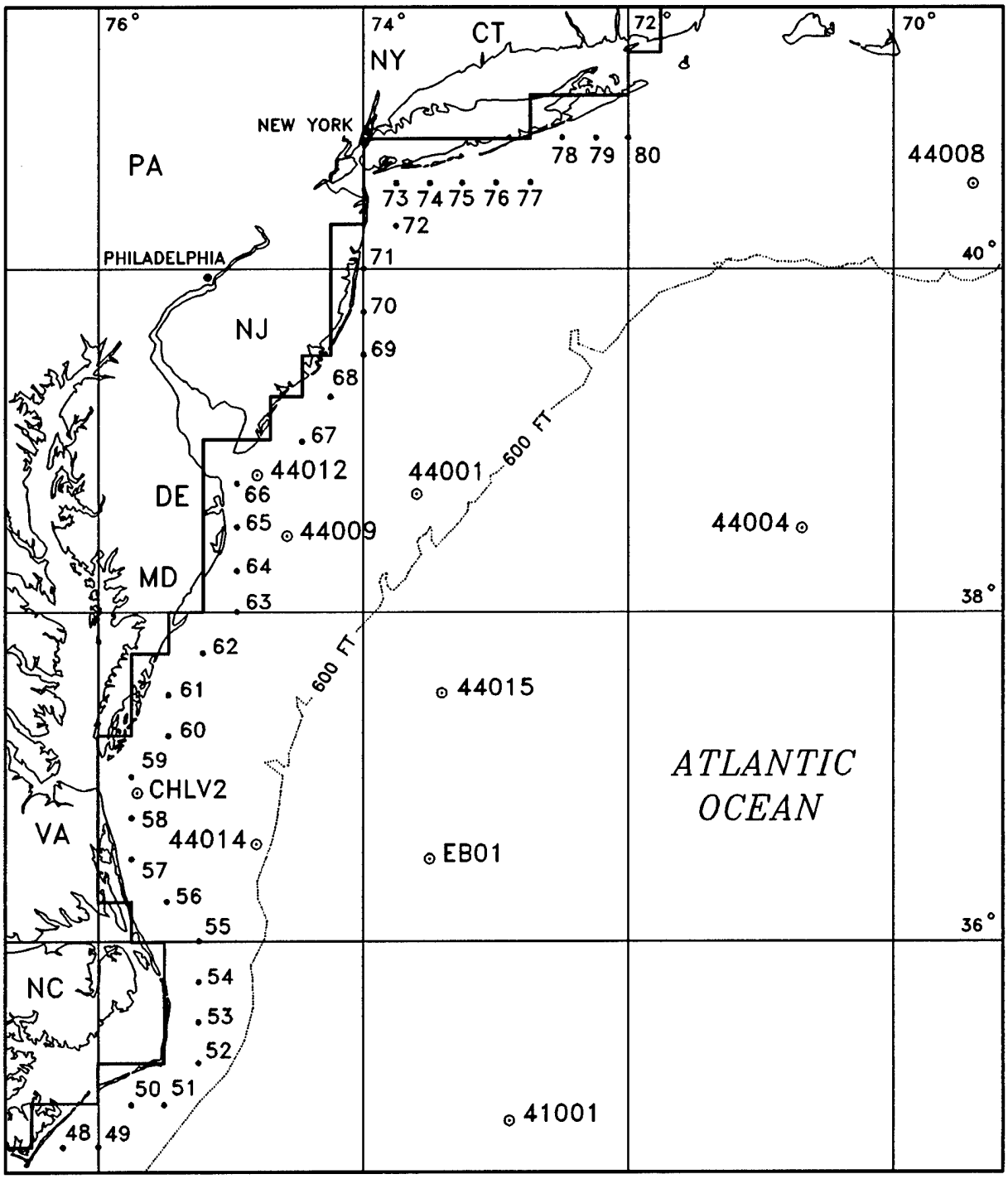


Figure 2. (Sheet 3 of 4)

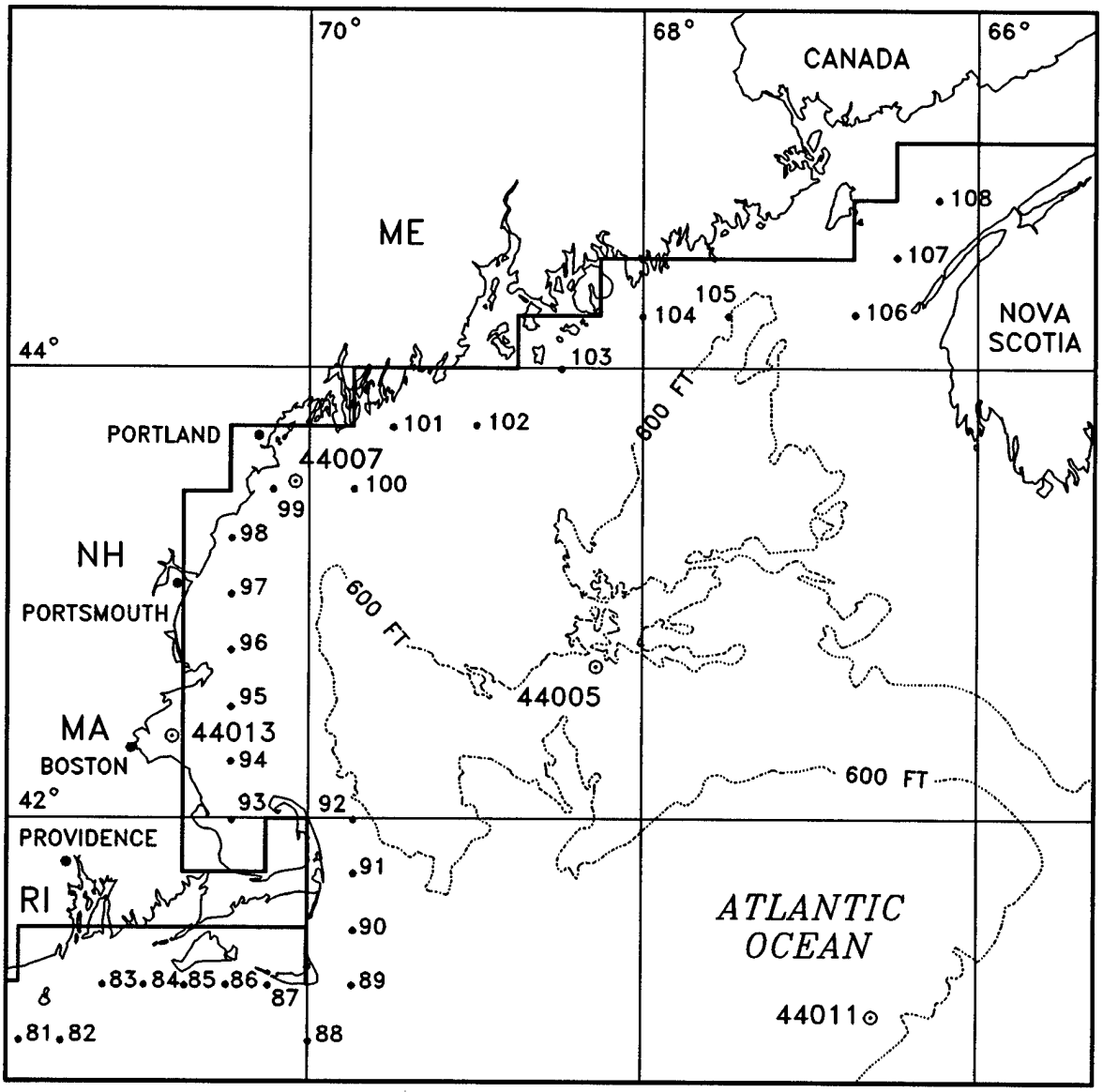


Figure 2. (Sheet 4 of 4)

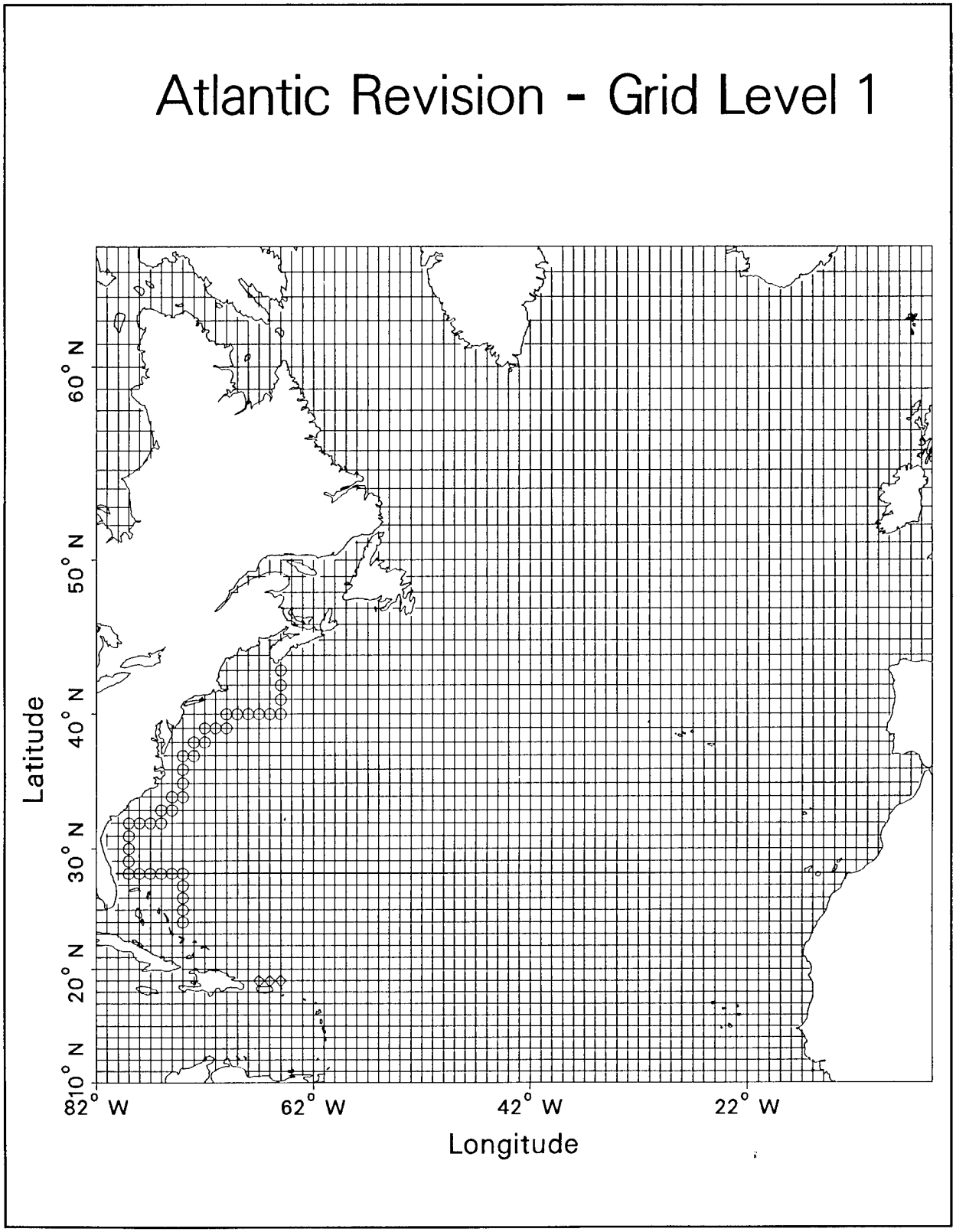


Figure 3. One-degree latitude/longitude grid for level 1 of hindcast (circled points are boundary input points for level 2)

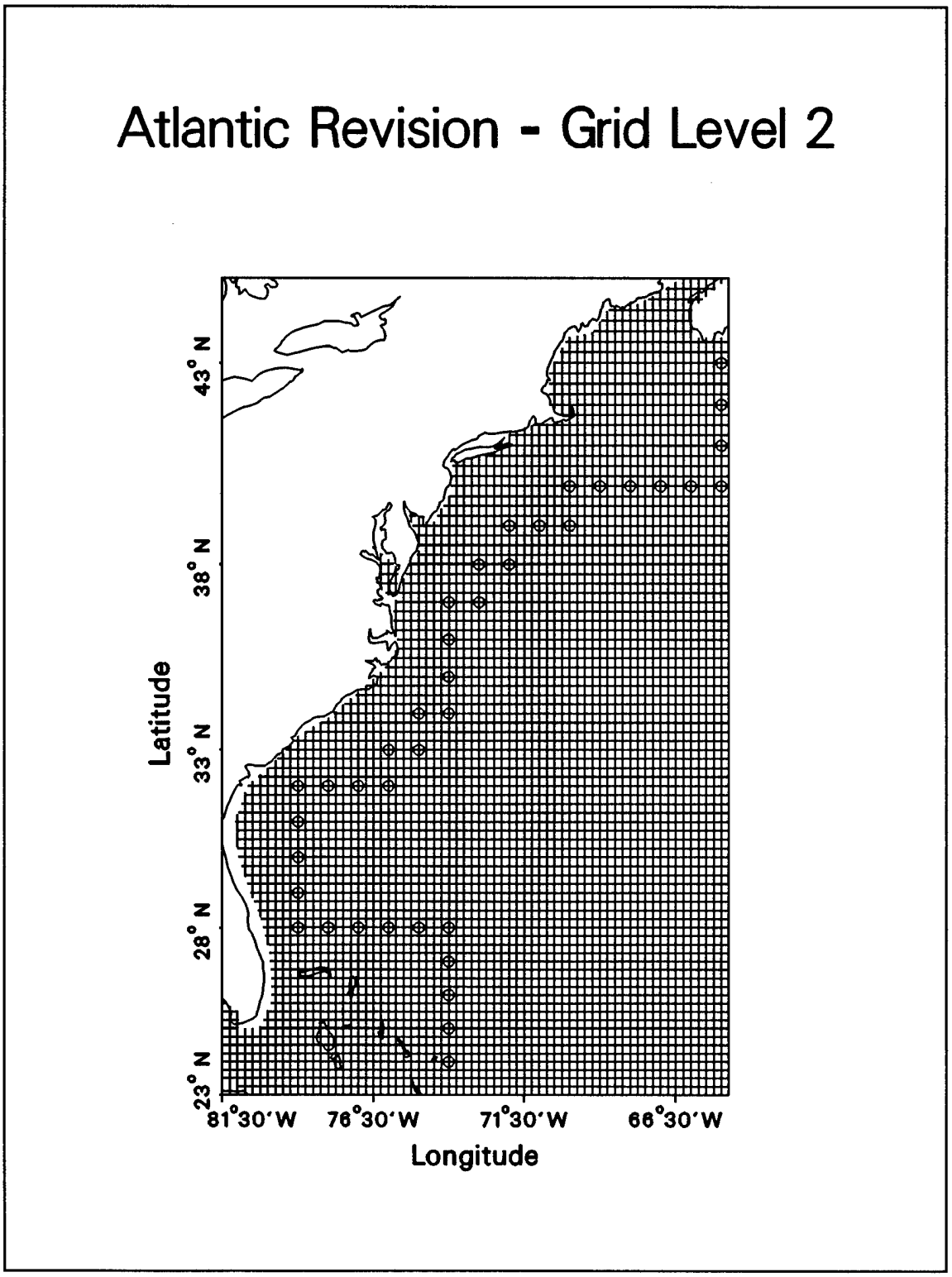


Figure 4. One-quarter-degree latitude/longitude grid for level 2 of hindcast (circled points are input points from level 1)

Table 1

Wind Speed Bias, Buoy - Model, 1990*

Buoy	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
41006	-	0.8	0.8	0.3	0.6	1.0	0.6	1.0	1.0	1.6	0.9	1.0	0.9
41008	0.1	0.3	0.3	0.4	1.0	1.4	1.3	1.7	1.2	1.6	1.2	1.1	1.0
41002	-	-	0.3	0.9	0.9	0.9	0.9	1.2	0.6	0.6	0.6	0.9	0.8
41001	2.1	1.9	1.3	1.8	1.5	1.1	1.6	1.0	0.8	2.0	2.3	2.9	1.7
44014	-	-	-	-	-	-	-	-	-	-	-	-0.3	-0.3
44015	-	-	-	-	-	-	-	-	-	1.3	1.2	-	1.2
44009	1.3	1.2	1.6	0.9	1.1	0.0	-	1.6	1.6	1.9	1.1	1.3	1.2
44001	-	-	-	-	-	-	-	-	-	-	-	0.4	0.4
44004	1.7	1.3	1.0	0.5	-0.3	0.2	0.6	0.9	1.4	1.9	2.3	1.4	1.1
44012	-	-	-	-	-	-	-	-	-	-	-	-	-
44008	1.8	1.6	1.6	1.3	2.0	1.2	2.1	1.0	1.0	2.0	2.3	2.2	1.7
44011	1.1	0.6	0.0	-0.1	0.4	-0.9	0.3	1.2	1.4	1.1	-1.2	-1.2	0.2
44005	1.7	1.5	0.9	1.1	0.7	0.4	0.4	1.3	1.4	1.0	1.6	1.2	1.1
44007	-0.1	0.8	0.9	0.3	1.0	0.6	0.5	0.8	1.2	0.7	0.9	0.3	0.6

* Values in meters per second.

Table 2

Wind Speed RMSD*, 1990**

Buoy	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
41006	-	2.2	1.8	1.6	1.5	2.0	1.7	2.0	1.8	2.7	1.7	1.7	1.9
41008	1.9	2.2	1.9	2.0	2.0	2.2	2.3	2.4	2.1	2.5	2.3	2.3	2.2
41002	-	-	1.0	2.0	1.7	2.6	2.0	1.9	1.5	2.3	1.5	2.0	1.8
41001	3.1	2.5	2.6	2.8	2.2	2.1	2.2	2.0	2.1	3.7	2.9	3.5	2.6
44014	-	-	-	-	-	-	-	-	-	-	-	-	-
44015	-	-	-	-	-	-	-	-	-	3.7	2.4	-	3.0
44009	3.0	3.0	3.0	2.8	3.1	2.4	3.0	2.8	2.2	3.1	2.6	2.8	2.8
44001	-	-	-	-	-	-	-	-	-	-	-	-	-
44004	3.4	2.9	2.6	2.6	2.6	2.0	1.7	2.3	2.3	3.8	3.2	2.8	2.7
44012	-	-	-	-	-	-	-	-	-	-	-	-	-
44008	3.0	2.8	2.5	2.5	3.1	2.2	3.0	2.1	2.3	3.4	3.3	3.1	2.8
44011	2.9	2.4	2.1	2.3	2.5	2.4	2.0	2.9	2.8	2.7	2.6	2.3	2.5
44005	2.8	2.5	2.1	2.3	2.2	1.7	1.7	2.0	2.4	2.3	2.5	2.2	2.2
44007	3.0	2.4	2.8	2.0	2.8	2.2	2.1	2.0	2.3	2.5	2.8	2.8	2.5

* Root Mean Square Difference
** Values in meters per second.

Table 3

Wave Height Bias, Buoy - Model, 1990*

Buoy	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
41006	-**	-0.1	-0.1	-0.5	-0.3	-0.2	-0.2	-0.3	-0.3	-0.1	-0.2	-0.5	-0.2
41008	-0.2	-0.1	-0.1	-0.4	-0.1	-0.1	-0.1	-0.3	-0.2	-0.2	0.0	-0.3	-0.2
41002	-	-	-0.4	-0.4	-0.2	-0.1	-0.2	-0.4	-0.5	-	-	-0.6	-0.4
41001	0.0	-0.1	-0.1	-0.2	-0.1	-0.1	0.0	-0.3	-0.3	-0.1	0.1	-0.1	-0.1
44014	-	-	-	-	-	-	-	-	-	-	-	-0.1	-0.1
44015	-	-	-	-	-	-	-	-	-	-0.3	-0.3	-0.8	-0.5
44009	-0.4	-0.4	-0.4	-0.5	-0.3	-0.2	-0.1	-0.3	-0.4	-0.4	-0.2	-0.4	-0.3
44001	-	-	-	-	-	-	-	-	-	-0.1	0.1	-0.1	-0.0
44004	0.2	-0.1	-0.2	-0.3	-0.1	-0.3	-0.3	-0.2	-0.3	0.0	0.3	0.0	-0.1
44012	-	-	-	-	-	-	-	-	-	-0.3	0.0	-0.4	-0.2
44008	0.0	-0.2	-0.3	-0.3	-0.1	-0.4	-0.3	-0.3	-0.2	-0.2	-0.1	-0.2	-0.2
44011	0.1	-0.2	-0.4	-0.3	0.0	-0.3	-0.2	-0.2	-0.1	-0.1	0.0	-0.4	-0.2
44005	0.1	-0.1	-0.2	-0.3	-0.1	-0.4	-0.3	-0.4	-0.2	-0.4	0.0	-0.2	-0.2
44007	-0.3	-0.3	-0.3	-0.3	-0.1	-0.2	-0.2	-0.3	-0.3	-0.6	-0.5	-0.5	-0.3

* Values in meters.
** No data available.

Table 4

Wave Peak Period Bias, Buoy - Model, 1990*

Buoy	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
41006	-	0.4	-0.5	-1.5	-1.9	-0.8	-0.5	-0.9	-1.0	-0.8	-0.7	-1.7	-0.9
41008	-1.5	-0.1	-1.1	-1.1	-2.7	-1.6	-1.0	-1.2	-1.6	-1.8	-1.4	-2.7	-1.5
41002	-	-	-1.0	-2.3	-1.4	-0.5	0.1	-1.1	-0.3	-	-	-1.9	-1.0
41001	-0.9	-0.3	-1.1	-1.9	-0.8	-0.4	-0.2	-0.5	-0.6	-0.8	-0.8	-1.3	-0.8
44014	-	-	-	-	-	-	-	-	-	-	-	-0.5	-0.5
44015	-	-	-	-	-	-	-	-	-	-1.1	-1.4	-2.8	-1.8
44009	-0.6	-0.1	-0.7	-0.2	0.5	-0.1	-0.9	0.6	0.0	-0.2	-0.9	-2.1	-0.4
44001	-	-	-	-	-	-	-	-	-	-	-	-0.4	-0.4
44004	-0.6	-0.1	-1.3	-1.5	0.2	-0.2	-0.5	-0.4	-0.6	-0.5	-0.8	-1.7	-0.7
44012	-	-	-	-	-	-	-	-	-	-0.7	-0.2	-3.6	-1.5
44008	-0.3	0.3	-0.4	0.0	0.7	-0.1	0.1	0.4	0.3	0.0	-0.1	-0.3	0.0
44011	0.5	-0.1	-1.3	-0.9	0.2	-0.4	0.0	-0.6	-0.5	0.1	-0.3	-0.9	-0.4
44005	-0.4	-0.7	-1.6	-1.5	0.3	-0.6	-0.5	-0.5	-0.4	-0.8	-1.0	-1.7	-0.8
44007	0.7	1.1	0.0	-0.3	1.8	-0.4	0.4	0.2	0.8	0.5	-0.1	0.8	0.4

* Values in seconds.

Table 5

Wave Height Root Mean Square Difference, 1990*

Buoy	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
41006	-	0.5	0.4	0.6	0.4	0.4	0.4	0.4	0.5	0.6	0.4	0.7	0.5
41008	0.4	0.4	0.3	0.5	0.3	0.3	0.3	0.4	0.4	0.5	0.3	0.5	0.4
41002	-	-	0.5	0.6	0.5	0.3	0.4	0.5	0.7	-	-	0.8	0.5
41001	0.8	0.5	0.4	0.5	0.4	0.3	0.3	0.5	0.7	0.9	0.5	0.6	0.5
44014	-	-	-	-	-	-	-	-	-	-	-	0.5	0.5
44015	-	-	-	-	-	-	-	-	-	1.1	0.8	1.0	1.0
44009	0.6	0.6	0.7	0.7	0.5	0.4	0.4	0.5	0.6	0.8	0.5	0.6	0.6
44001	-	-	-	-	-	-	-	-	-	-	-	0.5	0.5
44004	0.7	0.5	0.5	0.5	0.6	0.5	0.4	0.5	0.6	1.0	0.7	0.7	0.6
44012	-	-	-	-	-	-	-	-	-	0.7	0.7	0.7	0.7
44008	0.5	0.8	0.6	0.5	0.5	0.6	0.5	0.5	0.5	0.9	0.5	0.5	0.6
44011	0.7	0.7	0.7	0.6	0.6	0.6	0.4	0.6	0.5	0.8	0.5	0.8	0.6
44005	0.6	0.6	0.5	0.4	0.4	0.6	0.4	0.6	0.5	0.8	0.6	0.6	0.6
44007	0.6	0.6	0.5	0.6	0.4	0.5	0.4	0.4	0.5	0.7	0.7	0.7	0.6

* Values in meters.

Table 6

Wave Peak Period Root Mean Square Difference, 1990*

Buoy	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
41006	-	1.3	1.5	3.1	3.4	2.0	2.3	2.3	2.6	3.5	2.3	3.4	2.5
41008	3.5	0.4	2.2	2.0	4.4	3.0	3.0	3.9	3.4	3.5	3.2	4.0	3.0
41002	-	-	1.3	3.6	2.7	1.6	1.8	2.8	1.7	-	-	3.4	2.4
41001	1.9	1.8	2.3	3.1	2.2	1.4	1.4	3.5	2.5	2.8	2.6	3.3	2.4
44014	-	-	-	-	-	-	-	-	-	-	-	2.4	2.4
44015	-	-	-	-	-	-	-	-	-	2.8	2.7	4.3	3.3
44009	3.1	2.8	2.7	2.8	2.7	1.6	2.6	3.7	2.6	2.9	3.2	4.2	2.9
44001	-	-	-	-	-	-	-	-	-	-	-	2.4	2.4
44004	2.4	1.6	2.7	2.9	2.4	1.3	1.4	4.8	2.4	2.6	2.5	3.4	2.5
44012	-	-	-	-	-	-	-	-	-	3.0	2.8	4.6	3.5
44008	2.4	1.9	2.6	2.0	2.0	1.3	1.8	4.3	2.0	2.2	2.1	2.5	2.2
44011	1.9	1.7	2.7	2.1	2.3	1.5	1.7	3.9	2.3	2.4	1.7	3.0	2.3
44005	1.7	2.1	3.0	2.8	1.8	1.7	1.9	3.7	2.4	2.5	2.5	3.3	2.4
44007	3.1	3.0	2.9	1.8	3.1	1.8	2.8	3.4	3.2	2.9	2.8	3.4	2.8

* Values in seconds.

Table 7

Location of Buoys and New Hindcast Stations Used in Verification

Buoy	Lat. N	Long. W	Depth m	Location	WIS Sta. No.	Lat. N	Long. W	Depth m
41008	30.7	81.1	18	Kings Bay, GA	28	30.75	81.25	11
CHLV2	36.9	75.7	12	Chesapeake Bay	59	37.00	75.75	14
44012	38.8	74.6	24	Delaware Bay	66	38.75	75.00	18
44013	42.4	70.8	30	Massachusetts Bay	94	42.25	70.50	27
44007	43.5	70.1	47	Cape Elizabeth	99	43.50	70.25	18

Table 8

Location of Buoys and Old Hindcast Stations Used in Verification

Buoy	Lat. N	Long. W	Depth m	Location	WIS Sta. No.	Lat. N	Long. W	Depth m
41008	30.7	81.1	18	Kings Bay, GA	132	30.81	81.45	10
CHLV2	36.9	75.7	12	Chesapeake Bay	76	37.15	75.86	10
44012	38.8	74.6	24	Delaware Bay	64	38.95	74.85	10
44013	42.4	70.8	30	Massachusetts Bay	25	42.27	70.82	10
44007	43.5	70.1	47	Cape Elizabeth	15	43.54	70.23	10

Table 9

Comparison of Wave Parameters, Measured Data and New Hindcast Results

Buoy ID	Period Years	WIS Sta. No.	Period Years	HmO (m)		Tp (sec)		Hmax (m)		Tmax (sec)	
				Buoy	WIS	Buoy	WIS	Buoy	WIS	Buoy	WIS
41008	88-91	28	56-75	1.0	1.0	8	7	4.6	4.4	20	20
CHLV2	85-91	59	56-75	1.0	1.0	8	6	6.2	6.7	20	20
44012	84-91	66	56-75	1.0	0.9	8	6	6.0	4.9	17	17
44013	84-91	94	56-75	0.7	1.0	8	6	5.0	7.6	20	17
44007	82-91	99	56-75	0.9	1.0	8	6	7.3	6.3	20	24

Table 10

Comparison of Wave Parameters,

Measured Data and Old Hindcast Results

Buoy ID	Period Years	WIS Sta. No.	Period Years	HmO (m)		Hmax (m)	
				Buoy	WIS	Buoy	WIS
41008	88-91	132	56-75	1.0	0.6	4.6	3.8
CHLV2	85-91	76	56-75	1.0	0.6	6.2	5.2
44012	84-91	64	56-75	1.0	0.6	6.0	4.2
44013	84-91	25	56-75	0.7	0.3	5.0	4.4
44007	82-91	15	56-75	0.9	0.5	7.3	4.4

Table 11

Kings Bay 41008 versus WIS Station 28

Mean and Maximum Wave Height and Peak Period by Month

	Hm0(m)		Tp(sec)		Hmax(m)		Tmax(sec)	
Month	Buoy	WIS	Buoy	WIS	Buoy	WIS	Buoy	WIS
Jan	1.0	1.1	8	7	4.6	4.4	14	20
Feb	1.1	1.1	8	7	2.9	3.8	14	18
Mar	1.1	1.0	8	7	3.0	3.3	17	18
Apr	1.0	0.9	8	7	3.0	2.8	17	15
May	0.8	0.8	7	7	2.7	2.7	17	15
Jun	0.8	0.8	7	7	2.8	3.1	14	13
Jul	0.8	0.7	7	7	2.3	1.9	14	15
Aug	0.8	0.7	8	7	2.3	1.9	17	15
Sep	1.1	0.9	8	7	3.3	3.5	20	14
Oct	1.2	1.1	8	7	3.1	3.7	17	14
Nov	1.1	1.1	8	7	2.8	3.9	17	20
Dec	1.0	1.1	8	7	3.1	4.1	17	19
Annual	1.0	1.0	8	7	4.6	4.4	20	20

Table 12

Chesapeake Bay CHLV2 versus WIS Station 59

Mean and Maximum Wave Height and Peak Period by Month

	Hm0(m)		Tp(sec)		Hmax(m)		Tmax(sec)	
Month	Buoy	WIS	Buoy	WIS	Buoy	WIS	Buoy	WIS
Jan	1.1	1.2	8	7	4.1	5.9	14	18
Feb	1.1	1.2	7	6	4.9	5.4	14	20
Mar	1.2	1.1	8	6	4.8	5.5	17	18
Apr	0.9	1.0	8	6	3.4	4.3	17	18
May	0.9	0.9	8	6	3.0	4.6	17	16
Jun	0.8	0.8	8	6	2.8	4.1	17	12
Jul	0.8	0.7	8	6	2.1	3.8	17	15
Aug	0.8	0.7	8	6	3.3	3.2	20	17
Sep	1.0	0.9	8	7	6.2	4.5	20	13
Oct	1.1	1.1	8	7	4.0	4.9	17	18
Nov	1.1	1.2	7	7	3.9	6.7	17	19
Dec	1.2	1.1	8	7	4.5	5.2	17	18
Annual	1.0	1.0	8	6	6.2	6.7	20	20

Table 13

Delaware Bay 44012 versus WIS Station 66

Mean and Maximum Wave Height and Peak Period by Month

	Hm0(m)		Tp(sec)		Hmax(m)		Tmax(sec)	
Month	Buoy	WIS	Buoy	WIS	Buoy	WIS	Buoy	WIS
Jan	1.1	1.1	8	6	6.0	4.5	17	16
Feb	1.1	1.1	7	6	4.5	4.3	17	14
Mar	1.2	1.0	8	6	4.1	4.9	17	16
Apr	1.2	0.9	8	6	4.2	4.0	17	15
May	0.9	0.8	8	6	3.0	3.1	14	14
Jun	0.9	0.7	8	6	2.5	3.3	14	12
Jul	0.7	0.6	7	6	2.4	3.3	12	15
Aug	0.9	0.6	7	6	1.8	2.5	12	14
Sep	0.9	0.8	8	7	2.5	4.4	17	13
Oct	1.1	0.9	8	6	3.5	4.5	17	14
Nov	1.1	1.0	7	6	4.6	4.5	14	17
Dec	1.2	1.1	8	6	5.2	4.6	17	16
Annual	1.0	0.9	8	6	6.0	4.9	17	17

Table 14

Massachusetts Bay 44013 versus WIS Station 94

Mean and Maximum Wave Height and Peak Period by Month

	Hm0(m)		Tp(sec)		Hmax(m)		Tmax(sec)	
Month	Buoy	WIS	Buoy	WIS	Buoy	WIS	Buoy	WIS
Jan	0.8	1.3	8	6	4.7	7.6	17	15
Feb	0.8	1.3	7	6	4.7	7.5	17	16
Mar	0.9	1.2	8	6	4.4	7.0	14	17
Apr	0.9	1.0	9	6	4.9	6.1	17	16
May	0.6	0.7	8	5	2.5	5.2	17	14
Jun	0.5	0.6	8	5	2.4	3.1	17	11
Jul	0.4	0.6	8	5	2.0	2.6	17	12
Aug	0.5	0.6	9	5	2.4	3.1	20	12
Sep	0.6	0.8	9	5	2.4	4.3	20	14
Oct	0.8	0.9	8	5	4.6	5.5	17	17
Nov	0.8	1.2	7	6	4.4	5.8	20	16
Dec	0.8	1.4	8	6	5.0	6.9	17	16
Annual	0.7	1.0	8	6	5.0	7.6	20	17

Table 15

Cape Elizabeth 44007 versus WIS Station 99

Mean and Maximum Wave Height and Peak Period by Month

	Hm0(m)		Tp(sec)		Hmax(m)		Tmax(sec)	
Month	Buoy	WIS	Buoy	WIS	Buoy	WIS	Buoy	WIS
Jan	1.1	1.3	8	6	6.1	5.4	17	24
Feb	1.1	1.2	8	6	7.3	5.8	17	15
Mar	1.1	1.1	8	6	5.8	5.0	14	24
Apr	1.1	0.9	8	6	5.5	4.2	17	14
May	0.9	0.8	8	6	3.8	2.9	17	24
Jun	0.7	0.7	8	6	3.0	3.0	17	12
Jul	0.6	0.7	7	6	2.6	2.2	17	13
Aug	0.6	0.6	8	6	3.4	2.4	20	13
Sep	0.8	0.8	8	6	6.0	3.7	20	12
Oct	0.9	0.9	8	6	6.9	5.0	17	15
Nov	1.0	1.2	8	6	5.1	5.3	17	15
Dec	1.0	1.3	8	7	6.0	6.3	17	14
Annual	0.9	1.0	8	6	7.3	6.3	20	24

Table 16

Comparison of Wave Heights(m) for Return Periods from Old and New Hindcasts

	Return Period (Years)					
	1	3	5	7	10	21
AP3 Station 132						
Type I	2.71	3.10	3.23	3.32	3.41	3.59
Type II	2.69	3.11	3.29	3.41	3.54	3.83
WIS Report 9	2.70	3.00	3.20	3.50	3.50	3.80
RAL2 Station 28						
Type I	3.22	3.65	3.81	3.91	4.01	4.21
Type II	3.26	3.69	3.87	3.99	4.12	4.40
AP3 Station 76						
Type I	3.12	3.73	3.94	4.07	4.21	4.49
Type II	3.10	3.71	3.97	4.15	4.35	4.77
WIS Report 9	3.10	3.40	3.80	4.10	4.40	5.20
RAL2 Station 59						
Type I	4.31	5.14	5.43	5.61	5.80	6.18
Type II	4.38	5.15	5.49	5.71	5.95	6.48
AP3 Station 64						
Type I	3.21	3.55	3.67	3.74	3.82	3.98
Type II	3.24	3.56	3.69	3.78	3.87	4.06
WIS Report 9	3.10	3.50	3.60	3.60	3.70	4.10
RAL2 Station 66						
Type I	3.89	4.31	4.46	4.55	4.64	4.83
Type II	3.91	4.33	4.50	4.61	4.74	4.99
AP3 Station 25						
Type I	3.33	3.78	3.94	4.03	4.14	4.34
Type II	3.30	3.78	3.99	4.13	4.27	4.59
WIS Report 9	3.20	3.90	4.00	4.10	4.20	4.30
RAL2 Station 94						
Type I	5.38	6.29	6.61	6.82	7.02	7.45
Type II	5.39	6.30	6.70	6.96	7.25	7.86
AP3 Station 15						
Type I	3.31	3.72	3.87	3.96	4.05	4.24
Type II	3.31	3.73	3.91	4.02	4.15	4.41
WIS Report 9	3.20	3.70	3.80	4.00	4.20	4.40
RAL2 Station 99						
Type I	4.33	5.13	5.41	5.59	5.77	6.14
Type II	4.34	5.14	5.49	5.73	5.98	6.54

APPENDIX A

SUMMARY TABLES

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.50 N, LONG: 81.25 W, DEPTH: 183 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 1

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	1299	1317	1539	1632	2326	2855	2771	2794	2356	1875	1228	1115	23107
0.50 - 0.99	2073	1897	2109	1863	1835	1517	1827	1914	1909	1799	1919	1988	22650
1.00 - 1.49	1063	878	978	881	647	294	340	231	424	729	819	1095	8379
1.50 - 1.99	380	342	293	308	145	71	22	15	82	310	439	574	2981
2.00 - 2.49	111	64	40	94	7	23	.	6	19	153	241	157	915
2.50 - 2.99	30	20	1	22	.	13	.	.	5	68	116	26	301
3.00 - 3.49	4	1	.	.	.	13	.	.	5	17	28	4	72
3.50 - 3.99	.	1	.	.	.	9	.	.	.	6	10	1	27
4.00 - 4.49	.	.	.	.	.	5	.	.	.	3	.	.	8
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	.	.	0
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 1

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	1472	1453	1664	1722	2288	2800	2749	2716	2260	1876	1376	1351	23727
4.0 - 4.9	1729	1575	1622	1402	1299	1268	1390	1516	1556	1589	1621	1586	18153
5.0 - 5.9	807	740	947	841	819	333	578	527	535	460	572	798	7957
6.0 - 6.9	492	394	423	474	349	159	100	47	167	318	407	589	3919
7.0 - 7.9	298	197	175	253	66	67	6	28	91	300	419	402	2302
8.0 - 8.9	110	66	45	46	15	44	11	9	55	162	233	189	985
9.0 - 9.9	21	33	8	12	46	18	5	5	30	120	91	24	413
10.0 - 10.9	7	10	14	8	10	9	.	.	18	74	25	7	182
11.0 - 11.9	4	17	3	14	14	2	.	.	22	34	14	5	129
12.0 - 12.9	7	10	10	7	2	.	.	.	8	7	18	.	69
13.0 - 13.9	10	13	4	9	.	.	.	.	3	7	8	3	57
14.0 - 14.9	2	2	4	5	.	.	.	.	.	.	1	.	14
15.0 - 15.9	.	.	9	.	1	.	.	.	.	.	3	.	13
16.0 - 16.9	.	2	2	.	.	.	.	.	.	.	4	.	8
17.0 - 17.9	.	2	1	.	.	.	.	.	.	.	2	.	5
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	1	6	29	7	51	100	121	112	55	13	6	6	507
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 1

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	244	247	212	105	56	2	2	35	53	189	274	272	1691
11.25 - 33.74 (22.5)	269	284	219	171	104	43	5	46	173	359	373	374	2420
33.75 - 56.24 (45.0)	393	216	258	257	244	88	61	138	373	606	572	449	3655
56.25 - 78.74 (67.5)	636	463	452	527	535	377	389	587	771	984	820	825	7366
78.75 - 101.24 (90.0)	1486	1124	1164	1534	1760	1495	2340	2265	1594	1455	1669	1681	19567
101.25 - 123.74 (112.5)	806	717	1034	1072	1299	1466	1580	1277	943	660	401	610	11865
123.75 - 146.24 (135.0)	312	317	372	316	301	541	213	218	256	198	113	131	3288
146.25 - 168.74 (157.5)	119	199	301	160	191	250	56	61	164	115	63	76	1755
168.75 - 191.24 (180.0)	115	261	251	208	119	176	82	49	144	67	68	67	1607
191.25 - 213.74 (202.5)	48	63	58	63	48	58	42	50	58	24	28	24	564
213.75 - 236.24 (225.0)	49	60	55	38	34	66	27	26	47	13	34	20	469
236.25 - 258.74 (247.5)	57	63	56	40	35	44	20	13	30	44	25	38	465
258.75 - 281.24 (270.0)	83	101	149	112	112	146	138	139	88	70	45	70	1253
281.25 - 303.74 (292.5)	102	84	109	101	47	28	3	22	11	49	64	66	686
303.75 - 326.24 (315.0)	106	141	125	32	41	12	.	25	33	54	104	118	791
326.25 - 348.74 (337.5)	135	180	145	64	34	8	2	9	62	73	147	139	998
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.50 N, LONG: 81.25 W, DEPTH: 183 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 1 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2727		5	.	.	.	.	.	.	.	2732
1.00 - 1.99	435	39	.	.	.	.	.	.	.	.	474
2.00 - 2.99	.	5	.	.	.	.	.	.	.	.	5
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3162	44	5	0	0	0	0	0	0	0	3211

STATION: 1 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5200	119	367	338	195	71	21	5	.	.	6316
1.00 - 1.99	1189	205	192	1	.	.	.	.	.	.	1587
2.00 - 2.99	.	11	21	23	1	.	.	.	.	.	56
3.00 - 3.99	.	.	.	.	1	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6389	335	580	362	197	71	21	5	0	0	7960

STATION: 1 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	19200	3896	14	12	.	.	.	.	.	.	23122
1.00 - 1.99	309	5324	1656	4	.	.	.	.	.	.	7293
2.00 - 2.99	.	65	840	149	.	.	.	.	.	.	1054
3.00 - 3.99	.	.	12	58	1	.	.	.	.	.	71
4.00 - 4.99	.	.	1	3	.	.	.	.	.	.	4
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	19509	9285	2523	226	1	0	0	0	0	0	31544

STATION: 1 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	6986	634		.	.	.	.	.	.	.	7620
1.00 - 1.99	27	859	42	.	.	.	.	.	.	.	928
2.00 - 2.99	.	5	49	.	.	.	.	.	.	.	54
3.00 - 3.99	.	.	19	4	.	.	.	.	.	.	23
4.00 - 4.99	.	.	1	3	.	.	.	.	.	.	4
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7013	1498	111	7	0	0	0	0	0	0	8629

STATION: 1 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2145	152		.	.	.	.	.	.	.	2297
1.00 - 1.99	29	316	25	.	.	.	.	.	.	.	370
2.00 - 2.99	.	7	39	.	.	.	.	.	.	.	46
3.00 - 3.99	.	.	4	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2174	475	68	0	0	0	0	0	0	0	2717

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.50 N, LONG: 81.25 W, DEPTH: 183 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 1 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	812	.	.	.	.	.	.	.	.	.	812
1.00 - 1.99	110	29	.	.	.	.	.	.	.	.	139
2.00 - 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	922	29	0	0	0	0	0	0	0	0	951

STATION: 1 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1170	.	.	.	.	.	.	.	.	507	1677
1.00 - 1.99	123	18	.	.	.	.	.	.	.	.	141
2.00 - 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1293	18	0	0	0	0	0	0	0	507	1818

STATION: 1 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1181	.	.	.	.	.	.	.	.	.	1181
1.00 - 1.99	237	191	.	.	.	.	.	.	.	.	428
2.00 - 2.99	.	1	.	.	.	.	.	.	.	.	1
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1418	192	0	0	0	0	0	0	0	0	1610

STATION: 1 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	39421	4801	386	350	195	71	21	5	.	507	45757
1.00 - 1.99	2459	6981	1915	5	.	.	.	.	.	.	11360
2.00 - 2.99	.	94	949	172	1	.	.	.	.	.	1216
3.00 - 3.99	.	.	35	62	2	.	.	.	.	.	99
4.00 - 4.99	.	.	2	6	.	.	.	.	.	.	8
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	41880	11876	3287	595	198	71	21	5	0	507	58440

STATION: 1

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	265	288	364	435	746	920	781	820	623	451	260	233	6186
2.50 - 4.99	2216	2069	2298	2197	2593	2992	3257	3160	2816	2325	1911	1904	29738
5.00 - 7.49	1311	1140	1421	1334	1215	607	812	895	1049	1141	1245	1415	13585
7.50 - 9.99	954	848	785	779	406	223	110	83	284	794	995	1163	7424
10.00 - 12.49	183	159	84	42	.	40	.	2	20	197	308	227	1262
12.50 - 14.99	27	16	8	13	.	18	.	.	8	51	76	18	235
15.00 - 17.49	3	.	.	.	.	.	.	.	.	1	5	.	9
17.50 - 19.99	1	.	.	.	.	.	.	.	.	.	.	.	1
20.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.50 N, LONG: 81.25 W, DEPTH: 183 M

STATION: 1

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	547	555	528	364	222	100	51	162	208	541	705	692	4675
22.50 - 67.49 (45.0)	1406	866	840	1000	900	563	518	870	1229	1965	1795	1635	13587
67.50 - 112.49 (90.0)	1376	1169	1330	1680	2112	1921	2842	2457	1852	1371	1360	1481	20951
112.50 - 157.49 (135.0)	609	634	874	768	743	1082	823	777	745	410	233	431	8129
157.50 - 202.49 (180.0)	273	414	488	291	376	508	285	249	252	151	125	151	3563
202.50 - 247.49 (225.0)	193	225	248	202	208	333	219	204	215	121	134	106	2408
247.50 - 292.49 (270.0)	213	257	261	267	222	201	155	146	149	163	167	156	2357
292.50 - 337.49 (315.0)	343	400	391	228	177	92	67	95	150	238	281	308	2770
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 1

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.75	0.76	0.67	0.63	0.72	0.45	0.48	0.31	0.56	0.71	0.96	0.82	0.65
1957	0.74	0.77	0.59	0.85	0.52	0.44	0.25	0.35	0.57	0.71	0.82	1.08	0.64
1958	0.97	0.76	0.63	0.60	0.76	0.59	0.73	0.30	0.59	0.79	0.74	0.78	0.69
1959	0.82	0.71	0.76	0.73	0.74	0.35	0.45	0.51	0.50	0.57	0.75	0.99	0.66
1960	0.65	0.70	0.66	0.82	0.40	0.52	0.39	0.60	0.58	0.40	0.93	1.02	0.64
1961	0.74	0.83	0.66	0.67	0.47	0.44	0.57	0.39	0.54	0.96	0.60	0.81	0.64
1962	0.75	0.47	0.63	0.74	0.44	0.33	0.33	0.40	0.46	0.70	0.83	0.62	0.56
1963	0.73	0.69	0.73	0.74	0.55	0.41	0.51	0.33	0.43	0.87	1.19	0.63	0.65
1964	0.74	0.67	0.74	0.96	0.55	0.46	0.59	0.56	0.60	0.95	0.80	1.04	0.72
1965	0.75	0.90	0.71	0.48	0.77	0.67	0.39	0.50	0.89	0.53	0.84	0.99	0.70
1966	0.88	0.94	0.80	0.93	0.57	0.87	0.33	0.44	0.34	0.62	1.05	0.82	0.71
1967	0.78	0.73	0.72	0.79	0.55	0.35	0.51	0.41	0.38	0.69	0.88	0.80	0.63
1968	0.97	0.52	0.83	0.52	0.48	0.59	0.56	0.40	0.37	0.71	0.88	0.91	0.65
1969	1.00	0.71	0.86	0.77	0.60	0.37	0.38	0.39	0.50	0.88	1.03	0.66	0.68
1970	0.65	1.11	0.86	0.54	0.94	0.37	0.53	0.50	0.65	0.75	0.73	0.73	0.70
1971	0.66	1.01	0.60	0.64	0.51	0.35	0.50	0.40	0.42	0.40	1.10	0.96	0.63
1972	0.83	0.82	0.71	0.71	0.49	0.77	0.67	0.42	0.53	0.71	0.57	1.15	0.70
1973	0.79	0.86	0.88	0.97	0.46	0.50	0.31	0.57	0.55	0.88	0.89	0.86	0.71
1974	0.74	0.67	0.66	0.90	0.55	0.49	0.35	0.58	0.51	1.18	0.88	0.71	0.68
1975	1.01	0.56	0.73	0.72	0.35	0.34	0.43	0.69	0.67	0.77	1.40	1.17	0.74
MEAN	0.80	0.76	0.72	0.74	0.57	0.48	0.46	0.45	0.53	0.74	0.89	0.88	

STATION: 1

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	19 533	20 710	16 5 8	16 618	16 6 8	16 610	16 7 8	9 4 7	12 5 9	22 9 6	24 9 7	18 6 8	24 9 7
1957	31 9 8	18 7 9	18 530	22 710	19 7 9	14 5 8	6 3 6	12 4 5	13 6 8	30 7 8	27 9 8	23 6 8	31 9 8
1958	25 8 8	22 717	19 711	19 530	18 7 9	17 6 8	9 5 8	22 711	27 7 8	22 7 8	24 8 8	27 7 8	
1959	20 8 8	18 7 8	25 7 9	17 7 8	20 7 9	14 618	12 5 7	15 511	16 611	16 619	20 7 9	23 6 8	25 7 9
1960	20 6 8	22 718	14 616	20 7 8	16 6 9	13 4 6	11 420	14 6 8	34 814	10 412	27 8 8	21 8 7	34 814
1961	24 9 8	20 7 9	16 610	19 719	20 7 9	11 5 9	12 5 8	12 5 8	22 712	35 9 9	16 610	19 610	35 9 9
1962	17 5 8	14 513	16 531	17 5 8	18 6 7	8 416	8 510	11 5 9	12 5 8	29 9 8	21 8 8	16 6 8	29 9 8
1963	21 8 9	22 717	17 7 7	20 8 8	14 610	11 5 9	15 610	12 510	18 618	3010 8	31 9 8	23 8 8	31 9 8
1964	17 5 8	19 718	19 6 9	22 7 9	14 6 9	9 5 9	18 7 9	13 519	22 7 9	26 718	24 6 8	27 8 9	27 8 9
1965	20 6 8	22 710	23 6 8	12 510	17 6 9	18 612	9 5 8	12 510	32 815	25 7 8	39 8 8	25 6 8	39 8 8
1966	21 8 8	22 7 9	19 7 8	29 8 8	14 6 9	38 911	14 617	9 4 8	15 6 8	22 714	25 8 8	20 8 8	38 911
1967	22 710	21 8 8	23 8 8	29 9 8	14 6 8	14 512	11 5 9	10 5 8	11 4 6	17 6 9	3210 8	19 617	3210 8
1968	31 7 9	19 530	24 8 8	12 4 7	20 7 9	43 912	12 5 9	12 5 8	12 512	36 812	20 9 6	23 6 8	43 912
1969	28 8 8	29 812	24 6 8	22 6 8	14 6 8	18 612	9 4 7	12 512	14 611	32 9 8	30 9 8	24 717	32 9 8
1970	20 8 8	38 817	22 7 8	15 5 8	19 7 9	14 610	15 6 9	24 7 9	14 6 8	29 8 9	24 7 9	23 6 8	38 817
1971	18 7 8	26 717	14 534	17 6 9	16 610	8 4 9	12 5 8	8 5 8	12 5 8	8 410	35 9 9	27 9 8	35 9 9
1972	22 8 8	21 8 8	22 718	22 7 8	19 7 9	36 912	14 6 9	12 511	11 5 8	22 7 8	17 6 9	30 817	36 912
1973	20 6 8	24 719	22 716	26 8 9	18 6 8	14 6 9	10 5 8	22 6 9	17 6 8	25 9 8	22 7 8	21 711	26 8 9
1974	15 6 9	18 8 8	18 7 8	27 8 9	16 610	24 718	9 5 8	14 510	15 6 9	40 9 8	21 6 9	22 7 9	40 9 8
1975	24 6 9	12 612	22 711	26 8 9	11 512	11 511	12 512	17 611	22 712	23 7 9	31 8 9	35 910	35 910
MAX	31 7 9	38 817	25 7 9	29 9 8	20 7 9	43 912	18 7 9	24 7 9	34 814	40 9 8	39 8 8	35 910	

MAX Hmo(m): 4.3 MAX Tp(sec): 9. MAX Dp(deg): 115. DATE(gmt): 68060318

MAX WIND SPEED(m/sec): 18. MAX WIND DIRECTION(deg): 5. DATE(gmt): 58010318

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.50 N, LONG: 81.00 W, DEPTH: 183 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 2

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	1259	1273	1505	1588	2283	2830	2723	2766	2326	1848	1205	1063	22669
0.50 - 0.99	2041	1887	2083	1869	1867	1534	1875	1919	1938	1790	1904	1989	22696
1.00 - 1.49	1024	845	980	852	643	290	338	253	405	675	765	1038	8108
1.50 - 1.99	431	390	329	341	156	80	24	15	100	343	459	594	3262
2.00 - 2.49	156	97	56	126	11	26	.	7	20	171	265	214	1149
2.50 - 2.99	39	24	7	18	.	15	.	.	7	84	128	54	376
3.00 - 3.49	10	4	.	6	.	16	.	.	4	37	59	7	143
3.50 - 3.99	.	.	.	.	.	4	.	.	.	8	9	1	22
4.00 - 4.49	.	.	.	.	.	5	.	.	.	4	6	.	15
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	.	.	0
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 2

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	1406	1363	1589	1684	2174	2762	2683	2674	2129	1753	1317	1289	22823
4.0 - 4.9	1661	1498	1534	1336	1311	1268	1382	1510	1496	1518	1501	1508	17523
5.0 - 5.9	862	828	1023	899	824	349	611	545	593	489	640	835	8498
6.0 - 6.9	536	432	478	498	383	179	114	51	211	380	477	639	4378
7.0 - 7.9	299	201	183	255	85	74	34	73	129	331	438	438	2540
8.0 - 8.9	122	76	49	57	58	63	22	37	90	182	238	187	1181
9.0 - 9.9	23	39	9	10	87	21	9	8	43	146	101	27	523
10.0 - 10.9	13	11	23	18	3	13	4	.	33	89	21	10	238
11.0 - 11.9	11	28	5	16	18	7	11	.	34	46	14	7	197
12.0 - 12.9	17	16	28	10	2	.	2	.	15	15	25	9	139
13.0 - 13.9	8	20	19	6	.	.	7	.	2	6	19	9	96
14.0 - 14.9	2	7	5	8	.	.	.	.	.	.	1	.	23
15.0 - 15.9	.	.	8	.	1	.	.	.	.	.	4	.	13
16.0 - 16.9	.	.	2	.	2	.	.	.	.	.	4	.	8
17.0 - 17.9	.	.	1	.	.	.	.	.	.	.	.	.	1
18.0 - 18.9	.	1	.	.	.	.	.	.	.	.	.	.	1
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	4	3	12	64	81	62	25	5	.	2	258
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 2

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	226	218	195	100	53	2	2	37	45	174	272	263	1587
11.25 - 33.74 (22.5)	292	321	253	201	184	83	63	93	360	416	393	361	3020
33.75 - 56.24 (45.0)	396	231	276	241	275	114	117	145	327	633	562	460	3777
56.25 - 78.74 (67.5)	810	534	556	645	633	417	444	713	846	1184	1106	1075	8963
78.75 - 101.24 (90.0)	1304	1034	1050	1416	1647	1455	2282	2152	1508	1216	1373	1424	17861
101.25 - 123.74 (112.5)	764	688	975	1032	1241	1391	1479	1252	853	626	389	594	11284
123.75 - 146.24 (135.0)	331	318	401	331	306	573	238	226	269	198	111	150	3452
146.25 - 168.74 (157.5)	109	178	271	157	169	241	60	59	135	111	59	65	1614
168.75 - 191.24 (180.0)	89	221	235	151	113	150	62	42	121	50	52	55	1341
191.25 - 213.74 (202.5)	67	100	87	98	39	82	46	50	71	53	34	31	741
213.75 - 236.24 (225.0)	63	75	60	51	63	74	34	25	63	20	39	25	592
236.25 - 258.74 (247.5)	66	72	75	47	47	55	24	19	31	51	39	46	572
258.75 - 281.24 (270.0)	92	107	128	135	75	122	98	87	64	65	45	62	1080
281.25 - 303.74 (292.5)	107	101	140	95	56	28	3	26	13	53	76	98	797
303.75 - 326.24 (315.0)	125	145	117	34	30	6	1	25	37	61	116	119	816
326.25 - 348.74 (337.5)	119	177	141	66	29	6	4	9	57	69	134	132	943
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.50 N LONG: 81.00 W DEPTH: 183 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 2 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2524		16	1	1	5	.	.	.	.	2547
1.00 - 1.99	427	31	.	.	.	.	.	.	.	.	458
2.00 - 2.99	.	8	.	.	.	.	.	.	.	.	8
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2951	39	16	1	1	5	0	0	0	0	3013

STATION: 2 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5074	386	711	518	333	114	21	2	.	.	7159
1.00 - 1.99	896	505	312	1	.	.	.	.	.	.	1714
2.00 - 2.99	.	10	173	55	.	.	.	.	.	.	238
3.00 - 3.99	.	.	.	19	2	.	.	.	.	.	21
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5970	901	1196	593	335	114	21	2	0	0	9132

STATION: 2 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	18413	3715	2	3	.	.	.	.	.	.	22133
1.00 - 1.99	180	5563	1302	.	.	.	.	.	.	.	7045
2.00 - 2.99	.	59	1043	52	.	.	.	.	.	.	1154
3.00 - 3.99	.	.	20	97	.	.	.	.	.	.	117
4.00 - 4.99	.	.	2	9	.	.	.	.	.	.	11
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	18593	9337	2369	161	0	0	0	0	0	0	30460

STATION: 2 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	7138	638		.	.	.	.	.	.	.	7776
1.00 - 1.99	24	824	34	.	.	.	.	.	.	.	882
2.00 - 2.99	.	5	45	.	.	.	.	.	.	.	50
3.00 - 3.99	.	.	17	5	.	.	.	.	.	.	22
4.00 - 4.99	.	.	3	1	.	.	.	.	.	.	4
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7162	1467	99	6	0	0	0	0	0	0	8734

STATION: 2 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1909	154		.	.	.	.	.	.	.	2063
1.00 - 1.99	21	318	2	.	.	.	.	.	.	.	341
2.00 - 2.99	.	19	34	.	.	.	.	.	.	.	53
3.00 - 3.99	.	.	5	.	.	.	.	.	.	.	5
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1930	491	41	0	0	0	0	0	0	0	2462

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.50 N, LONG: 81.00 W, DEPTH: 183 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 2 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	932	35	.	.	.	.	.	.	.	.	967
1.00 - 1.99	12	218	.	.	.	.	.	.	.	.	230
2.00 - 2.99	.	14	.	.	.	.	.	.	.	.	14
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	944	267	0	0	0	0	0	0	0	0	1211

STATION: 2 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1242	1	.	.	.	.	.	.	.	258	1501
1.00 - 1.99	94	179	.	.	.	.	.	.	.	.	273
2.00 - 2.99	.	6	.	.	.	.	.	.	.	.	6
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1336	186	0	0	0	0	0	0	0	258	1780

STATION: 2 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1219	.	.	.	.	.	.	.	.	.	1219
1.00 - 1.99	241	186	.	.	.	.	.	.	.	.	427
2.00 - 2.99	.	2	.	.	.	.	.	.	.	.	2
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1460	188	0	0	0	0	0	0	0	0	1648

STATION: 2 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	38451	4929	729	522	334	119	21	2	.	258	45365
1.00 - 1.99	1895	7824	1650	1	.	.	.	.	.	.	11370
2.00 - 2.99	.	123	1295	107	.	.	.	.	.	.	1525
3.00 - 3.99	.	.	42	121	2	.	.	.	.	.	165
4.00 - 4.99	.	.	5	10	.	.	.	.	.	.	15
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	40346	12876	3721	761	336	119	21	2	0	258	58440

STATION: 2

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	250	266	339	411	693	859	701	747	592	420	245	208	5731
2.50 - 4.99	2203	2074	2301	2208	2645	3052	3317	3214	2860	2364	1926	1891	30055
5.00 - 7.49	1319	1160	1416	1335	1218	613	832	917	1041	1139	1248	1430	13668
7.50 - 9.99	959	833	804	789	404	221	110	80	287	790	980	1166	7423
10.00 - 12.49	196	169	94	43	.	36	.	2	14	193	314	245	1306
12.50 - 14.99	29	18	6	14	.	19	.	.	6	53	83	20	248
15.00 - 17.49	3	.	.	.	.	.	.	.	.	1	4	.	8
17.50 - 19.99	1	.	.	.	.	.	.	.	.	.	.	.	1
20.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.50 N, LONG: 81.00 W, DEPTH: 183 M

STATION: 2

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	536	557	533	355	223	95	47	154	196	528	704	686	4614
22.50 - 67.49 (45.0)	1410	880	856	1007	895	574	526	858	1234	1959	1797	1642	13638
67.50 - 112.49 (90.0)	1386	1166	1334	1686	2122	1941	2869	2513	1859	1383	1362	1485	21106
112.50 - 157.49 (135.0)	619	627	867	768	739	1067	816	749	737	413	238	435	8075
157.50 - 202.49 (180.0)	267	419	488	291	372	504	265	250	256	156	129	146	3543
202.50 - 247.49 (225.0)	197	224	241	201	220	324	224	196	215	117	133	109	2401
247.50 - 292.49 (270.0)	202	254	266	266	219	204	143	143	152	162	165	150	2326
292.50 - 337.49 (315.0)	343	393	375	226	170	91	70	97	151	242	272	307	2737
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 2

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.77	0.78	0.68	0.66	0.73	0.46	0.49	0.32	0.57	0.77	1.03	0.84	0.67
1957	0.77	0.79	0.61	0.85	0.53	0.44	0.26	0.36	0.58	0.74	0.85	1.15	0.66
1958	1.04	0.78	0.63	0.63	0.78	0.59	0.74	0.30	0.60	0.82	0.77	0.81	0.71
1959	0.87	0.74	0.77	0.75	0.74	0.35	0.45	0.52	0.51	0.58	0.77	1.04	0.68
1960	0.68	0.73	0.68	0.84	0.41	0.52	0.40	0.60	0.60	0.40	0.97	1.11	0.66
1961	0.78	0.85	0.67	0.70	0.47	0.45	0.57	0.41	0.55	1.00	0.61	0.85	0.66
1962	0.78	0.50	0.66	0.76	0.45	0.34	0.34	0.41	0.46	0.74	0.86	0.65	0.58
1963	0.76	0.76	0.74	0.79	0.56	0.42	0.52	0.33	0.44	0.93	1.25	0.65	0.68
1964	0.76	0.70	0.75	0.97	0.56	0.46	0.60	0.57	0.62	1.02	0.81	1.08	0.74
1965	0.78	0.92	0.75	0.49	0.78	0.66	0.40	0.50	0.89	0.55	0.88	1.05	0.72
1966	0.93	0.96	0.83	0.94	0.57	0.87	0.34	0.45	0.35	0.64	1.14	0.85	0.74
1967	0.80	0.75	0.73	0.80	0.57	0.36	0.52	0.42	0.39	0.71	0.93	0.82	0.65
1968	1.02	0.54	0.86	0.53	0.48	0.62	0.57	0.40	0.37	0.71	0.94	0.95	0.67
1969	1.03	0.75	0.90	0.79	0.60	0.37	0.38	0.39	0.50	0.88	1.11	0.68	0.70
1970	0.68	1.19	0.89	0.55	0.95	0.37	0.54	0.50	0.65	0.77	0.76	0.75	0.71
1971	0.69	1.05	0.62	0.66	0.51	0.35	0.51	0.40	0.43	0.40	1.12	1.00	0.64
1972	0.85	0.85	0.74	0.73	0.50	0.77	0.67	0.43	0.53	0.74	0.57	1.19	0.71
1973	0.83	0.89	0.91	0.98	0.45	0.49	0.31	0.57	0.55	0.89	0.92	0.90	0.72
1974	0.74	0.70	0.67	0.92	0.55	0.48	0.35	0.58	0.51	1.26	0.90	0.72	0.70
1975	1.02	0.56	0.75	0.72	0.35	0.34	0.43	0.70	0.67	0.77	1.41	1.19	0.74
MEAN	0.83	0.79	0.74	0.75	0.58	0.49	0.47	0.46	0.54	0.77	0.93	0.91	

STATION: 2

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	19 532	20 710	17 6 7	20 621	16 6 7	16 610	17 7 8	11 528	12 4 5	26 9 5	29 8 5	18 6 9	29 8 5
1957	3410 8	20 7 8	18 530	24 710	19 7 9	14 5 8	6 4 7	13 4 5	14 6 8	31 7 8	30 9 8	26 8 7	3410 8
1958	28 9 8	23 717	19 711	23 627	18 6 9	17 6 7	17 6 8	9 429	22 711	30 9 7	23 7 8	26 8 7	30 9 7
1959	23 8 7	20 7 8	26 7 9	19 7 7	20 7 9	14 619	12 5 7	15 6 8	16 7 8	16 619	20 7 5	24 8 8	26 7 9
1960	22 7 8	23 621	14 616	22 7 8	16 6 9	14 6 6	12 520	12 5 8	32 717	9 412	29 8 8	24 8 6	32 717
1961	27 9 7	20 7 9	16 610	19 7 7	20 7 8	11 5 9	12 5 8	12 5 8	21 712	37 9 9	16 610	21 8 7	37 9 9
1962	19 8 8	16 6 5	16 531	19 8 7	19 7 8	8 416	9 4 8	11 5 9	12 5 8	33 9 7	23 8 7	17 6 8	33 9 7
1963	23 8 9	21 7 9	19 7 6	22 8 8	15 610	9 5 9	15 6 9	12 510	16 620	3410 7	33 9 8	24 8 8	3410 7
1964	17 7 7	19 619	20 6 9	23 7 9	14 6 9	9 5 9	17 712	14 520	22 7 9	29 719	25 8 8	29 8 9	29 8 9
1965	20 7 8	22 710	24 6 8	12 510	17 6 9	18 612	9 5 8	12 510	31 715	26 7 8	4110 8	26 8 8	4110 8
1966	24 8 7	22 8 9	19 7 9	29 8 8	14 6 8	36 812	14 617	9 4 8	15 6 8	22 714	29 9 6	21 8 8	36 812
1967	22 710	23 8 8	27 8 7	3310 8	14 521	14 512	11 5 8	11 4 7	12 4 6	17 6 9	3610 8	20 7 5	3610 8
1968	32 7 9	19 530	26 6 8	13 6 7	20 7 8	41 815	12 4 7	11 5 8	11 512	34 812	25 9 5	26 9 7	41 815
1969	29 8 8	29 812	25 6 8	24 6 8	14 510	19 612	9 4 8	12 513	14 611	32 9 8	33 9 8	23 618	33 9 8
1970	22 8 7	34 817	22 7 8	16 5 7	20 6 8	14 610	15 6 9	24 7 8	15 6 8	29 8 9	24 8 9	23 6 8	34 817
1971	18 6 7	24 718	14 533	17 7 9	16 610	8 4 9	12 5 8	9 4 7	12 5 8	8 410	37 910	30 9 7	37 910
1972	24 8 7	23 8 7	20 8 7	22 7 8	20 7 9	36 913	14 6 9	12 511	11 5 8	21 8 8	17 6 9	30 9 7	36 913
1973	21 6 8	23 719	23 716	27 8 8	18 6 8	14 6 9	10 5 8	21 6 9	17 6 8	27 9 7	24 8 8	23 8 8	27 9 7
1974	15 610	20 8 7	19 7 8	27 8 9	16 610	23 719	9 5 8	14 5 9	16 6 8	41 9 8	21 6 9	22 7 9	41 9 8
1975	25 6 8	13 612	22 711	26 8 9	12 512	11 511	12 512	17 611	20 712	24 7 8	31 8 8	37 9 9	37 9 9
MAX	3410 8	34 817	27 8 7	3310 8	20 7 9	41 815	17 712	24 7 8	32 717	41 9 8	4110 8	37 9 9	

MAX Hmo(m): 4.1 MAX Tp(sec): 9. MAX Dp(deg): 76. DATE(gmt): 74102212

MAX WIND SPEED(m/sec): 18. MAX WIND DIRECTION(deg): 0. DATE(gmt): 58010318

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.50 N, LONG: 80.75 W, DEPTH: 183 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 3

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	1197	1214	1453	1553	2252	2803	2695	2720	2249	1768	1171	996	22071
0.50 - 0.99	2031	1919	2075	1880	1879	1560	1886	1958	1991	1830	1888	1992	22889
1.00 - 1.49	1007	797	968	810	638	283	351	259	421	653	698	983	7868
1.50 - 1.99	401	385	321	357	175	81	28	15	107	310	445	523	3148
2.00 - 2.49	225	143	130	165	16	33	.	8	22	207	299	317	1565
2.50 - 2.99	69	51	11	26	.	15	.	.	8	108	166	116	570
3.00 - 3.49	22	7	2	2	.	16	.	.	2	42	80	29	202
3.50 - 3.99	3	4	.	7	.	6	.	.	.	22	34	4	80
4.00 - 4.49	5	.	.	.	.	3	.	.	.	16	16	.	40
4.50 - 4.99	.	.	.	.	.	.	.	.	.	3	3	.	6
5.00 - 5.49	.	.	.	.	.	.	.	.	.	1	.	.	1
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 3

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	1276	1261	1490	1574	2010	2678	2596	2565	1889	1532	1182	1163	21216
4.0 - 4.9	1525	1417	1430	1234	1319	1244	1369	1494	1499	1311	1351	1359	16552
5.0 - 5.9	972	853	1124	994	875	396	656	586	647	730	782	987	9602
6.0 - 6.9	573	460	515	525	399	190	154	97	255	416	529	692	4805
7.0 - 7.9	328	230	186	271	115	102	53	75	169	357	445	459	2790
8.0 - 8.9	124	107	67	78	79	78	20	56	129	222	275	187	1422
9.0 - 9.9	50	42	24	25	87	34	16	34	92	179	111	41	735
10.0 - 10.9	31	24	29	38	20	20	5	10	53	98	28	19	375
11.0 - 11.9	27	48	6	30	49	20	15	1	37	74	18	20	345
12.0 - 12.9	34	24	44	16	2	.	6	.	21	26	35	15	223
13.0 - 13.9	12	27	28	7	.	.	9	.	2	15	32	15	147
14.0 - 14.9	6	26	5	8	.	.	8	.	.	.	3	3	59
15.0 - 15.9	2	.	7	.	1	.	.	.	.	.	5	.	15
16.0 - 16.9	.	.	1	.	3	.	.	.	.	.	2	.	6
17.0 - 17.9	.	1	4	.	1	.	.	.	.	.	2	.	8
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	38	53	42	7	.	.	.	140
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 3

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	204	209	172	92	54	1	5	34	33	145	240	246	1435
11.25 - 33.74 (22.5)	382	402	341	291	360	185	171	186	548	592	462	418	4338
33.75 - 56.24 (45.0)	520	319	305	280	291	156	137	229	375	799	748	639	4798
56.25 - 78.74 (67.5)	895	571	602	754	724	492	525	792	933	1234	1156	1176	9854
78.75 - 101.24 (90.0)	1093	902	965	1291	1521	1363	2183	2034	1353	928	1135	1173	15941
101.25 - 123.74 (112.5)	693	646	896	917	1104	1279	1382	1142	765	583	367	545	10319
123.75 - 146.24 (135.0)	335	289	403	352	302	568	243	231	252	182	97	140	3394
146.25 - 168.74 (157.5)	114	183	267	146	176	243	59	61	122	121	59	70	1621
168.75 - 191.24 (180.0)	101	233	244	156	108	168	62	39	116	45	49	58	1379
191.25 - 213.74 (202.5)	67	111	104	92	43	69	44	38	73	33	39	29	742
213.75 - 236.24 (225.0)	55	67	67	61	68	74	50	31	58	25	47	29	632
236.25 - 258.74 (247.5)	80	83	82	52	54	71	21	20	42	49	38	51	643
258.75 - 281.24 (270.0)	105	117	130	143	64	103	68	67	42	68	56	67	1030
281.25 - 303.74 (292.5)	98	90	142	80	46	17	4	29	10	51	76	92	735
303.75 - 326.24 (315.0)	126	139	102	34	20	6	3	22	32	48	103	119	754
326.25 - 348.74 (337.5)	92	159	138	59	25	5	3	5	46	57	128	108	825
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.50 N LONG: 80.75 W DEPTH: 183 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 3 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2236	18	51	42	52	40	.	.	.	.	2439
1.00 - 1.99	439	20	.	.	.	.	.	.	.	.	459
2.00 - 2.99	.	5	.	.	.	.	.	.	.	.	5
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2675	43	51	42	52	40	0	0	0	0	2903

STATION: 3 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5111	1086	1022	830	510	166	21	8	.	.	8754
1.00 - 1.99	146	1788	195	9	.	.	.	.	.	.	2138
2.00 - 2.99	.	76	787	4	5	.	.	.	.	.	872
3.00 - 3.99	.	.	44	97	.	.	.	.	.	.	141
4.00 - 4.99	.	.	.	26	.	.	.	.	.	.	26
5.00 - 5.99	.	.	.	.	1	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5257	2950	2048	966	516	166	21	8	0	0	11932

STATION: 3 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	17236	3300	.	1	.	.	.	.	.	.	20537
1.00 - 1.99	56	5416	834	.	.	.	.	.	.	.	6306
2.00 - 2.99	.	18	1059	4	.	.	.	.	.	.	1081
3.00 - 3.99	.	.	36	77	.	.	.	.	.	.	113
4.00 - 4.99	.	.	.	17	.	.	.	.	.	.	17
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	17292	8734	1929	99	0	0	0	0	0	0	28054

STATION: 3 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	7016	595	.	.	.	.	.	.	.	.	7611
1.00 - 1.99	21	796	35	.	.	.	.	.	.	.	852
2.00 - 2.99	.	8	46	.	.	.	.	.	.	.	54
3.00 - 3.99	.	.	17	2	.	.	.	.	.	.	19
4.00 - 4.99	.	.	2	1	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7037	1399	100	3	0	0	0	0	0	0	8539

STATION: 3 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1938	153	.	.	.	.	.	.	.	.	2091
1.00 - 1.99	19	312	17	.	.	.	.	.	.	.	348
2.00 - 2.99	.	8	49	.	.	.	.	.	.	.	57
3.00 - 3.99	.	.	9	.	.	.	.	.	.	.	9
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1957	473	75	0	0	0	0	0	0	0	2505

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.50 N, LONG: 80.75 W, DEPTH: 183 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 3 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	982	71	.	.	.	.	.	.	.	.	1053
1.00 - 1.99	16	207	.	.	.	.	.	.	.	.	223
2.00 - 2.99	.	28	8	.	.	.	.	.	.	.	36
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	998	306	8	0	0	0	0	0	0	0	1312

STATION: 3 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1244	50	.	.	.	.	.	.	.	140	1434
1.00 - 1.99	29	254	.	.	.	.	.	.	.	.	283
2.00 - 2.99	.	29	1	.	.	.	.	.	.	.	30
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1273	333	1	0	0	0	0	0	0	140	1747

STATION: 3 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1041		.	.	.	.	.	.	.	.	1041
1.00 - 1.99	238	169	.	.	.	.	.	.	.	.	407
2.00 - 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1279	169	0	0	0	0	0	0	0	0	1448

STATION: 3 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	36804	5273	1073	873	562	206	21	8	.	140	44960
1.00 - 1.99	964	8962	1081	9	.	.	.	.	.	.	11016
2.00 - 2.99	.	172	1950	8	5	.	.	.	.	.	2135
3.00 - 3.99	.	.	106	176	.	.	.	.	.	.	282
4.00 - 4.99	.	.	2	44	.	.	.	.	.	.	46
5.00 - 5.99	.	.	.	.	1	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	37768	14407	4212	1110	568	206	21	8	0	140	58440

STATION: 3

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	245	265	347	405	693	841	698	738	579	430	256	202	5699
2.50 - 4.99	2185	2068	2291	2198	2648	3048	3286	3225	2883	2387	1903	1872	29994
5.00 - 7.49	1318	1165	1392	1333	1201	634	862	913	1033	1122	1248	1426	13647
7.50 - 9.99	970	826	825	793	418	226	114	82	288	770	960	1168	7440
10.00 - 12.49	208	176	100	58	.	33	.	2	12	194	332	269	1384
12.50 - 14.99	30	20	5	13	.	18	.	.	5	56	97	23	267
15.00 - 17.49	3	.	.	.	.	.	.	.	.	1	4	.	8
17.50 - 19.99	1	.	.	.	.	.	.	.	.	.	.	.	1
20.00 - GREATER													0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.50 N, LONG: 80.75 W, DEPTH: 183 M

STATION: 3

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	538	567	524	343	232	97	45	155	190	530	701	669	4591
22.50 - 67.49 (45.0)	1424	877	885	1021	897	586	543	871	1249	1959	1805	1680	13797
67.50 - 112.49 (90.0)	1390	1178	1337	1687	2129	1963	2883	2526	1853	1389	1360	1477	21172
112.50 - 157.49 (135.0)	614	620	863	762	737	1067	803	740	733	411	238	426	8014
157.50 - 202.49 (180.0)	267	418	484	297	377	480	255	248	261	160	126	146	3519
202.50 - 247.49 (225.0)	194	235	241	196	222	325	231	190	216	122	138	115	2425
247.50 - 292.49 (270.0)	198	243	264	271	205	197	126	137	143	154	160	140	2238
292.50 - 337.49 (315.0)	335	382	362	223	161	85	74	93	155	235	272	307	2684
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 3

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.79	0.80	0.71	0.68	0.75	0.47	0.50	0.33	0.60	0.87	1.16	0.87	0.71
1957	0.83	0.82	0.63	0.85	0.54	0.45	0.26	0.38	0.59	0.80	0.91	1.27	0.69
1958	1.12	0.81	0.64	0.66	0.80	0.61	0.74	0.30	0.61	0.85	0.79	0.86	0.73
1959	0.94	0.76	0.79	0.78	0.76	0.36	0.46	0.53	0.53	0.59	0.81	1.11	0.70
1960	0.72	0.75	0.71	0.87	0.43	0.54	0.40	0.61	0.62	0.41	1.02	1.26	0.69
1961	0.84	0.86	0.68	0.73	0.48	0.46	0.58	0.42	0.57	1.08	0.64	0.92	0.69
1962	0.82	0.53	0.70	0.81	0.48	0.35	0.35	0.42	0.48	0.79	0.90	0.70	0.61
1963	0.81	0.79	0.78	0.83	0.58	0.43	0.52	0.34	0.45	1.07	1.32	0.70	0.72
1964	0.79	0.72	0.76	0.98	0.58	0.47	0.61	0.59	0.63	1.11	0.84	1.14	0.77
1965	0.82	0.93	0.78	0.50	0.80	0.68	0.41	0.50	0.90	0.59	0.95	1.15	0.75
1966	0.99	0.98	0.87	0.94	0.58	0.87	0.34	0.45	0.35	0.65	1.30	0.90	0.77
1967	0.82	0.80	0.76	0.84	0.58	0.37	0.53	0.42	0.41	0.76	1.04	0.85	0.68
1968	1.12	0.57	0.90	0.54	0.48	0.63	0.58	0.40	0.39	0.73	1.02	1.01	0.70
1969	1.10	0.79	0.96	0.81	0.61	0.37	0.39	0.40	0.52	0.90	1.21	0.71	0.73
1970	0.72	1.32	0.93	0.56	0.98	0.37	0.55	0.51	0.67	0.80	0.83	0.78	0.75
1971	0.72	1.10	0.64	0.70	0.51	0.35	0.51	0.40	0.44	0.41	1.16	1.06	0.66
1972	0.89	0.90	0.80	0.75	0.51	0.77	0.67	0.44	0.55	0.79	0.58	1.25	0.74
1973	0.88	0.93	0.94	1.01	0.45	0.50	0.32	0.57	0.55	0.94	0.97	0.95	0.75
1974	0.74	0.74	0.68	0.94	0.55	0.48	0.35	0.58	0.52	1.40	0.95	0.75	0.72
1975	1.04	0.57	0.75	0.72	0.35	0.34	0.44	0.69	0.67	0.77	1.44	1.23	0.75
MEAN	0.87	0.82	0.77	0.78	0.59	0.49	0.47	0.46	0.55	0.82	0.99	0.97	

STATION: 3

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	19 532	20 710	20 6 6	24 720	16 6 7	16 610	19 7 7	10 429	14 6 5	35 9 4	39 8 4	20 627	39 8 4
1957	4010 7	21 7 7	20 629	24 7 9	19 7 8	14 616	6 4 7	14 6 6	14 6 7	33 8 5	37 9 7	31 9 5	4010 7
1958	36 8 5	24 717	19 711	27 727	22 7 7	18 6 7	17 6 8	9 429	23 711	36 8 6	26 8 6	31 9 7	36 8 6
1959	28 7 4	20 7 7	26 8 8	24 7 7	19 7 9	14 619	12 6 7	15 6 7	18 6 7	17 619	26 7 4	28 8 5	28 8 5
1960	24 7 7	23 719	16 528	23 7 5	17 6 9	16 6 5	12 521	12 5 8	32 717	9 510	29 8 7	31 7 4	32 717
1961	32 9 7	20 7 9	17 6 9	22 7 7	20 7 8	12 5 6	12 5 7	12 5 8	21 712	37 9 9	16 6 5	26 7 6	37 9 9
1962	24 7 5	22 6 4	17 6 5	24 8 5	20 7 8	8 415	9 5 9	11 5 9	14 5 8	40 9 7	27 8 7	17 6 4	40 9 7
1963	24 8 8	22 7 9	24 7 5	26 8 7	15 610	9 5 9	16 6 9	14 510	16 621	4310 6	36 9 8	29 8 7	4310 6
1964	20 7 7	19 623	21 6 8	24 7 9	14 6 8	10 5 8	18 712	16 6 6	22 7 9	31 719	27 8 8	31 8 7	31 8 7
1965	24 7 7	24 710	24 8 7	12 610	17 6 8	18 6 7	9 5 8	12 5 9	29 715	27 8 7	48 9 7	29 8 5	48 9 7
1966	29 8 5	22 7 6	22 7 6	29 8 7	14 6 8	36 811	14 617	9 4 8	14 6 8	22 714	38 9 5	26 8 7	38 9 5
1967	22 710	28 7 5	31 9 7	37 9 7	14 621	14 512	12 5 7	12 5 7	14 6 7	22 7 4	4310 7	26 7 5	4310 7
1968	34 9 7	19 529	29 8 7	14 6 7	20 7 8	40 814	14 5 7	11 5 9	11 512	34 812	36 9 4	31 9 6	40 814
1969	30 8 7	29 811	26 8 7	24 8 8	14 5 9	19 612	9 4 8	12 512	15 610	32 9 8	40 9 7	23 717	40 9 7
1970	26 8 7	38 818	25 722	16 6 7	22 7 7	14 610	15 6 8	24 7 8	16 6 8	29 8 8	30 7 3	26 8 7	38 818
1971	18 530	27 8 4	15 6 6	18 6 5	16 610	8 4 9	12 5 7	9 5 8	12 5 8	8 410	37 910	35 9 7	37 910
1972	29 8 6	29 8 5	26 8 5	22 7 8	20 7 8	36 814	14 6 9	12 511	11 5 8	24 8 7	18 6 8	35 9 7	36 814
1973	24 8 7	26 719	24 717	27 8 7	18 7 8	14 6 9	10 5 8	23 6 8	18 6 7	31 9 7	28 8 6	26 8 7	31 9 7
1974	16 6 8	26 7 4	20 7 7	27 8 8	17 610	24 719	9 5 8	14 5 9	16 6 8	5211 5	22 7 8	24 7 8	5211 5
1975	27 8 7	13 612	24 711	26 8 9	12 512	11 511	12 513	17 611	20 712	23 7 8	32 9 8	37 9 9	37 9 9
MAX	4010 7	38 818	31 9 7	37 9 7	22 7 7	40 814	19 7 7	24 7 8	32 717	5211 5	48 9 7	37 9 9	

MAX Hmo(m): 5.2 MAX Tp(sec): 11. MAX Dp(deg): 50. DATE(gmt): 74100500

MAX WIND SPEED(m/sec): 18. MAX WIND DIRECTION(deg): 0. DATE(gmt): 58010318

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.75 N LONG: 80.50 W DEPTH: 165 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 4

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	1237	1238	1451	1601	2277	2844	2808	2829	2261	1766	1199	1051	22562
0.50 - 0.99	2058	1954	2104	1875	1882	1533	1792	1849	1991	1868	1897	2004	22807
1.00 - 1.49	964	756	948	782	599	263	335	256	409	617	684	932	7545
1.50 - 1.99	373	354	314	338	182	86	25	18	107	285	420	498	3000
2.00 - 2.49	215	149	123	167	20	31	.	7	23	221	294	312	1562
2.50 - 2.99	73	53	17	28	.	16	.	1	5	108	162	122	585
3.00 - 3.49	29	12	3	4	.	18	.	.	4	51	93	38	252
3.50 - 3.99	5	3	.	4	.	7	.	.	.	25	28	3	75
4.00 - 4.49	6	1	.	1	.	2	.	.	.	14	18	.	42
4.50 - 4.99	.	.	.	.	.	.	.	.	.	4	5	.	9
5.00 - 5.49	.	.	.	.	.	.	.	.	.	1	.	.	1
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 4

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	1271	1252	1432	1565	1995	2618	2658	2587	1779	1417	1158	1208	20940
4.0 - 4.9	1514	1403	1470	1254	1260	1219	1304	1428	1451	1280	1343	1343	16269
5.0 - 5.9	899	780	1068	943	839	382	633	577	654	688	740	907	9110
6.0 - 6.9	546	426	489	487	401	194	149	114	273	420	515	661	4675
7.0 - 7.9	322	238	195	276	139	147	87	98	204	394	430	455	2985
8.0 - 8.9	142	140	94	99	99	81	29	84	164	254	313	212	1711
9.0 - 9.9	78	52	35	39	107	59	21	35	119	224	127	43	939
10.0 - 10.9	58	49	45	47	37	31	4	13	85	125	33	51	578
11.0 - 11.9	48	76	25	34	63	27	15	3	45	100	46	35	517
12.0 - 12.9	54	37	52	32	9	1	12	.	22	35	42	26	322
13.0 - 13.9	19	34	34	12	2	.	9	.	4	22	36	19	191
14.0 - 14.9	6	31	9	12	5	.	8	.	.	1	6	.	76
15.0 - 15.9	3	1	7	.	3	.	.	.	.	.	7	.	21
16.0 - 16.9	.	.	2	.	2	.	.	.	.	.	3	.	7
17.0 - 17.9	.	.	3	.	1	.	.	.	.	.	1	.	5
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	1	.	.	.	.	.	.	.	.	.	.	1
20.0 - LONGER	.	.	.	.	.	41	31	21	.	.	.	.	93
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 4

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	214	231	180	87	45	2	5	30	29	129	241	269	1462
11.25 - 33.74 (22.5)	530	495	444	398	466	271	262	267	723	791	592	513	5752
33.75 - 56.24 (45.0)	529	348	331	284	314	199	131	284	403	810	784	663	5080
56.25 - 78.74 (67.5)	852	549	563	729	713	473	522	804	866	1150	1092	1083	9396
78.75 - 101.24 (90.0)	960	783	864	1170	1368	1191	1959	1777	1245	857	1038	1100	14312
101.25 - 123.74 (112.5)	684	650	904	908	1089	1261	1483	1185	752	552	423	559	10450
123.75 - 146.24 (135.0)	378	315	437	423	374	613	325	307	304	204	89	185	3954
146.25 - 168.74 (157.5)	146	211	282	145	194	302	58	75	111	141	74	76	1815
168.75 - 191.24 (180.0)	108	263	279	190	112	171	66	56	121	60	57	66	1549
191.25 - 213.74 (202.5)	65	98	84	92	59	80	69	52	64	24	40	36	763
213.75 - 236.24 (225.0)	72	74	88	54	64	82	22	20	61	37	43	39	656
236.25 - 258.74 (247.5)	48	56	54	50	34	57	15	16	26	36	26	31	449
258.75 - 281.24 (270.0)	69	91	98	99	53	79	38	44	21	38	36	54	720
281.25 - 303.74 (292.5)	86	81	104	70	28	12	3	20	10	41	56	57	568
303.75 - 326.24 (315.0)	102	110	110	34	25	7	.	15	26	40	80	97	646
326.25 - 348.74 (337.5)	117	165	138	67	22	.	2	8	38	50	129	132	868
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.75 N, LONG: 80.50 W, DEPTH: 165 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 4 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2282	40	105	102	105	42	1	.	.	.	2677
1.00 - 1.99	433	30	.	.	.	3	.	.	.	.	466
2.00 - 2.99	.	3	.	.	.	.	.	.	.	.	3
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2715	73	105	102	105	45	1	0	0	0	3146

STATION: 4 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5122	1292	1509	1168	729	222	27	5	1	.	10075
1.00 - 1.99	150	1745	200	16	1	.	.	.	.	.	2112
2.00 - 2.99	.	98	772	6	3	.	.	.	.	.	879
3.00 - 3.99	.	.	55	106	1	.	.	.	.	.	162
4.00 - 4.99	.	.	.	34	.	.	.	.	.	.	34
5.00 - 5.99	.	.	.	1	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5272	3135	2536	1331	734	222	27	5	1	0	13263

STATION: 4 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	16004	2756	.	1	.	.	.	.	.	.	18761
1.00 - 1.99	75	5134	643	.	.	.	.	.	.	.	5852
2.00 - 2.99	.	22	1075	7	.	.	.	.	.	.	1104
3.00 - 3.99	.	.	81	47	.	.	.	.	.	.	128
4.00 - 4.99	.	.	1	13	.	.	.	.	.	.	14
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16079	7912	1800	68	0	0	0	0	0	0	25859

STATION: 4 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	7843	718	.	.	.	.	.	.	.	.	8561
1.00 - 1.99	25	891	52	.	.	.	.	.	.	.	968
2.00 - 2.99	.	8	59	.	.	.	.	.	.	.	67
3.00 - 3.99	.	.	6	16	.	.	.	.	.	.	22
4.00 - 4.99	.	.	2	.	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7868	1617	119	16	0	0	0	0	0	0	9620

STATION: 4 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2113	196	.	.	.	.	.	.	.	.	2309
1.00 - 1.99	19	323	27	.	.	.	.	.	.	.	369
2.00 - 2.99	.	8	50	.	.	.	.	.	.	.	58
3.00 - 3.99	.	.	12	.	.	.	.	.	.	.	12
4.00 - 4.99	.	.	1	.	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2132	527	90	0	0	0	0	0	0	0	2749

WIS ATLANTIC REVISION 1956 - 1975
LAT: 24.75 N, LONG: 80.50 W, DEPTH: 165 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 4 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	931	114	.	.	.	.	.	.	.	.	1045
1.00 - 1.99	14	183	12	.	.	.	.	.	.	.	209
2.00 - 2.99	.	5	31	.	.	.	.	.	.	.	36
3.00 - 3.99	.	.	3	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	945	302	46	0	0	0	0	0	0	0	1293

STATION: 4 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	965	.	.	.	.	.	.	.	.	93	1058
1.00 - 1.99	112	28	.	.	.	.	.	.	.	.	140
2.00 - 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1077	28	0	0	0	0	0	0	0	93	1198

STATION: 4 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	883	.	.	.	.	.	.	.	.	.	883
1.00 - 1.99	238	191	.	.	.	.	.	.	.	.	429
2.00 - 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1121	191	0	0	0	0	0	0	0	0	1312

STATION: 4 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	36143	5116	1614	1271	834	264	28	5	1	93	45369
1.00 - 1.99	1066	8525	934	16	1	3	.	.	.	.	10545
2.00 - 2.99	.	144	1987	13	3	.	.	.	.	.	2147
3.00 - 3.99	.	.	157	169	1	.	.	.	.	.	327
4.00 - 4.99	.	.	4	47	.	.	.	.	.	.	51
5.00 - 5.99	.	.	.	1	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	37209	13785	4696	1517	839	267	28	5	1	93	58440

STATION: 4

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	271	280	379	419	731	893	759	816	614	468	269	224	6123
2.50 - 4.99	2193	2086	2264	2208	2645	3045	3282	3197	2895	2394	1951	1870	30030
5.00 - 7.49	1290	1131	1349	1307	1169	583	793	858	998	1094	1227	1420	13219
7.50 - 9.99	924	796	839	781	415	230	126	85	274	729	891	1127	7217
10.00 - 12.49	237	195	116	70	.	31	.	4	14	212	352	283	1514
12.50 - 14.99	41	32	13	15	.	18	.	.	5	62	105	36	327
15.00 - 17.49	3	.	.	.	.	.	.	.	.	1	5	.	9
17.50 - 19.99	1	.	.	.	.	.	.	.	.	.	.	.	1
20.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION, 1956 - 1975
LAT: 24.75 N, LONG: 80.50 W, DEPTH: 165 M

STATION: 4

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	534	571	516	341	230	85	48	147	210	530	709	679	4600
22.50 - 67.49 (45.0)	1391	848	882	1007	913	610	545	877	1249	1922	1767	1649	13660
67.50 - 112.49 (90.0)	1374	1153	1296	1661	2063	1896	2826	2462	1823	1391	1360	1439	20744
112.50 - 157.49 (135.0)	612	633	863	758	750	1077	830	778	741	421	239	449	8151
157.50 - 202.49 (180.0)	284	431	498	311	388	494	274	246	269	153	134	158	3640
202.50 - 247.49 (225.0)	207	234	254	205	228	335	235	200	217	134	142	123	2514
247.50 - 292.49 (270.0)	210	265	270	289	227	210	127	150	153	160	162	153	2376
292.50 - 337.49 (315.0)	348	385	381	228	161	93	75	100	138	249	287	310	2755
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 4

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.77	0.78	0.70	0.66	0.73	0.46	0.49	0.30	0.60	0.86	1.17	0.83	0.70
1957	0.83	0.81	0.60	0.85	0.53	0.44	0.25	0.37	0.58	0.81	0.90	1.28	0.69
1958	1.12	0.78	0.65	0.64	0.78	0.59	0.72	0.29	0.60	0.85	0.78	0.86	0.72
1959	0.93	0.74	0.79	0.77	0.75	0.35	0.45	0.52	0.53	0.57	0.82	1.09	0.69
1960	0.69	0.75	0.70	0.86	0.42	0.53	0.39	0.60	0.63	0.40	1.00	1.27	0.69
1961	0.81	0.85	0.66	0.72	0.49	0.46	0.56	0.41	0.57	1.08	0.64	0.91	0.68
1962	0.80	0.52	0.72	0.78	0.47	0.35	0.34	0.43	0.48	0.78	0.90	0.70	0.61
1963	0.82	0.77	0.77	0.82	0.58	0.43	0.51	0.33	0.46	1.08	1.30	0.70	0.71
1964	0.79	0.71	0.76	0.99	0.58	0.46	0.61	0.59	0.64	1.13	0.81	1.15	0.77
1965	0.82	0.93	0.78	0.51	0.79	0.67	0.40	0.48	0.89	0.59	0.94	1.13	0.74
1966	0.98	0.98	0.85	0.93	0.58	0.86	0.34	0.44	0.35	0.64	1.31	0.88	0.76
1967	0.82	0.77	0.77	0.83	0.57	0.37	0.51	0.41	0.41	0.75	1.05	0.85	0.68
1968	1.09	0.54	0.89	0.52	0.48	0.63	0.56	0.40	0.39	0.73	1.01	1.00	0.69
1969	1.08	0.79	0.96	0.81	0.61	0.37	0.38	0.39	0.52	0.92	1.20	0.69	0.73
1970	0.74	1.32	0.93	0.56	0.95	0.36	0.53	0.50	0.65	0.80	0.81	0.75	0.74
1971	0.70	1.09	0.64	0.68	0.50	0.34	0.49	0.40	0.44	0.41	1.15	1.05	0.65
1972	0.87	0.90	0.81	0.73	0.51	0.77	0.65	0.42	0.55	0.80	0.58	1.25	0.74
1973	0.88	0.93	0.95	1.01	0.45	0.50	0.30	0.56	0.54	0.94	0.96	0.96	0.75
1974	0.72	0.74	0.67	0.94	0.54	0.47	0.34	0.57	0.52	1.40	0.94	0.73	0.72
1975	1.05	0.57	0.76	0.73	0.36	0.33	0.44	0.68	0.67	0.77	1.45	1.23	0.75
MEAN	0.87	0.81	0.77	0.77	0.58	0.49	0.46	0.45	0.55	0.82	0.99	0.96	

STATION: 4

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	19 532	20 710	20 6 6	26 721	18 6 7	16 610	19 7 7	9 5 7	14 6 5	34 9 4	42 9 4	19 6 7	42 9 4
1957	42 9 7	23 7 5	18 530	22 710	19 7 9	15 616	6 3 6	14 5 5	14 6 7	34 8 4	36 9 6	34 9 7	42 9 7
1958	40 9 5	24 717	19 712	19 530	22 7 7	18 6 7	17 6 7	10 5 9	23 710	38 8 6	26 8 6	32 8 5	40 9 5
1959	29 8 6	22 7 7	27 8 8	24 7 6	20 7 8	16 617	14 6 8	16 6 7	18 6 7	17 619	28 7 4	31 8 5	31 8 5
1960	24 7 7	28 721	14 510	23 7 5	17 6 9	16 6 5	14 620	12 5 8	33 819	9 510	31 8 8	38 8 3	38 8 3
1961	34 9 7	20 710	18 6 9	22 7 7	20 7 8	12 5 6	12 5 7	14 5 8	20 713	36 9 9	16 6 5	28 7 6	36 9 9
1962	24 7 5	23 6 3	19 6 5	24 7 5	20 7 8	9 415	9 5 9	12 5 8	14 5 8	40 9 7	27 8 7	19 6 8	40 9 7
1963	26 8 8	24 7 9	24 7 5	27 8 7	17 610	9 5 8	16 6 9	15 510	17 621	4510 6	36 8 7	29 8 7	4510 6
1964	22 7 6	19 722	21 6 8	24 7 9	14 6 8	10 5 8	18 712	16 6 6	24 7 9	37 818	26 7 7	31 8 7	37 818
1965	26 7 7	24 712	26 8 7	14 610	17 7 9	19 612	8 513	12 510	29 715	27 8 7	48 9 7	29 8 5	48 9 7
1966	31 8 7	24 7 5	22 7 6	29 8 7	15 612	37 911	14 617	9 5 9	13 6 8	24 714	38 9 4	26 8 7	38 9 4
1967	22 710	29 8 7	31 9 7	40 9 7	16 612	14 512	12 5 7	11 5 7	14 5 6	22 7 4	45 9 7	28 7 5	45 9 7
1968	36 8 7	19 530	30 7 5	15 6 6	22 7 8	40 815	13 5 7	12 5 9	11 512	34 912	39 9 3	31 9 6	40 815
1969	32 9 8	31 911	27 8 7	25 7 7	14 510	18 612	9 4 7	12 512	15 6 9	34 9 8	40 8 7	26 718	40 8 7
1970	26 8 7	41 819	26 724	16 6 7	21 7 7	14 610	15 5 8	26 7 8	16 6 8	31 8 9	30 8 4	26 7 7	41 819
1971	18 6 5	28 7 3	15 533	20 7 7	18 610	8 4 9	12 5 7	10 5 7	12 5 8	9 4 8	36 9 9	37 9 6	37 9 6
1972	32 9 6	29 8 5	26 8 5	23 7 7	20 7 8	37 913	14 6 9	12 511	11 5 8	27 8 7	18 6 8	34 9 7	37 913
1973	27 8 6	26 719	26 718	27 8 8	20 7 8	14 6 9	10 5 8	24 6 8	18 6 7	31 8 6	29 8 7	26 7 7	31 8 6
1974	17 6 9	26 8 4	20 7 7	27 8 8	17 6 9	26 718	9 5 7	15 510	16 6 8	5410 4	22 7 8	24 7 8	5410 4
1975	27 8 7	12 512	24 711	27 8 9	12 512	11 511	12 613	17 611	20 712	24 7 8	33 8 8	37 910	37 910
MAX	42 9 7	41 819	31 9 7	40 9 7	22 7 8	40 815	19 7 7	26 7 8	33 819	5410 4	48 9 7	38 8 3	

MAX Hmo(m): 5.4 MAX Tp(sec): 10. MAX Dp(deg): 43. DATE(gmt): 74100500

MAX WIND SPEED(m/sec): 18. MAX WIND DIRECTION(deg): 0. DATE(gmt): 58010318

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.00 N, LONG: 80.25 W, DEPTH: 183 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 5

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	1221	1186	1420	1602	2275	2843	2859	2867	2135	1652	1176	1052	22288
0.50 - 0.99	2101	2009	2116	1877	1889	1539	1746	1798	2094	1978	1957	2036	23140
1.00 - 1.49	916	731	940	767	592	250	325	267	422	607	664	882	7363
1.50 - 1.99	373	355	326	339	183	93	30	20	110	288	387	469	2973
2.00 - 2.49	216	153	122	162	21	30	.	7	28	215	282	341	1577
2.50 - 2.99	83	65	33	44	.	13	.	1	8	113	168	124	652
3.00 - 3.49	31	17	3	1	.	21	.	.	2	52	99	49	275
3.50 - 3.99	13	3	.	6	.	6	.	.	1	34	46	6	115
4.00 - 4.49	6	1	.	2	.	5	.	.	.	17	14	1	46
4.50 - 4.99	.	.	.	.	.	.	.	.	.	3	7	.	10
5.00 - 5.49	.	.	.	.	.	.	.	.	.	1	.	.	1
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 5

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	1158	1116	1315	1414	1871	2405	2657	2492	1520	1228	982	1073	19231
4.0 - 4.9	1367	1334	1436	1266	1231	1212	1213	1391	1374	1165	1298	1312	15599
5.0 - 5.9	899	731	1050	915	797	410	618	544	659	685	698	853	8859
6.0 - 6.9	512	415	477	499	416	209	182	183	335	426	529	637	4820
7.0 - 7.9	346	256	217	277	176	211	130	142	252	481	466	479	3433
8.0 - 8.9	228	222	129	127	141	151	53	133	254	357	384	252	2431
9.0 - 9.9	116	79	63	60	146	90	28	47	189	278	157	95	1348
10.0 - 10.9	111	90	82	70	63	39	15	15	111	149	62	105	912
11.0 - 11.9	94	115	43	76	83	45	20	4	71	113	82	84	830
12.0 - 12.9	65	57	78	52	22	7	12	.	30	46	55	45	469
13.0 - 13.9	40	58	37	26	2	.	14	.	5	32	53	19	286
14.0 - 14.9	21	45	18	16	6	.	10	.	.	.	21	6	143
15.0 - 15.9	3	1	11	2	3	.	.	.	.	.	9	.	29
16.0 - 16.9	.	.	.	.	3	.	.	.	.	.	4	.	7
17.0 - 17.9	.	.	4	.	.	.	.	.	.	.	.	.	4
18.0 - 18.9	.	1	.	.	.	.	.	.	.	.	.	.	1
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	21	8	9	.	.	.	.	38
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 5

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	202	208	191	100	50	.	4	28	23	97	225	232	1360
11.25 - 33.74 (22.5)	826	750	599	590	665	478	394	444	1055	1115	847	696	8459
33.75 - 56.24 (45.0)	525	334	359	274	320	274	161	316	387	785	805	719	5259
56.25 - 78.74 (67.5)	792	504	532	711	697	477	541	822	835	1082	1001	1018	9012
78.75 - 101.24 (90.0)	805	698	752	1005	1209	997	1782	1567	1062	725	923	940	12465
101.25 - 123.74 (112.5)	636	539	824	809	980	1101	1313	1092	667	488	411	551	9411
123.75 - 146.24 (135.0)	369	343	489	498	450	656	503	369	336	234	92	225	4564
146.25 - 168.74 (157.5)	155	210	279	171	201	338	59	104	120	134	84	83	1938
168.75 - 191.24 (180.0)	112	272	274	202	120	188	74	66	117	57	51	69	1602
191.25 - 213.74 (202.5)	77	109	92	95	58	81	70	49	67	37	34	45	814
213.75 - 236.24 (225.0)	68	69	85	50	66	79	11	21	54	27	50	33	613
236.25 - 258.74 (247.5)	40	48	41	39	25	60	20	14	19	29	17	26	378
258.75 - 281.24 (270.0)	73	88	102	96	53	59	18	28	14	35	39	45	650
281.25 - 303.74 (292.5)	70	80	106	65	25	6	3	19	8	41	45	66	534
303.75 - 326.24 (315.0)	107	115	113	34	20	5	2	19	13	29	73	94	624
326.25 - 348.74 (337.5)	103	153	122	61	21	1	5	2	23	45	103	118	757
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.00 N, LONG: 80.25 W, DEPTH: 183 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 5 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1997	74	279	269	206	98	2	1	.	.	2926
1.00 - 1.99	415	40	.	1	4	6	.	.	.	.	466
2.00 - 2.99	.	1	.	.	.	.	.	.	.	.	1
3.00 - 3.99	.	.	.	2	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2412	115	279	272	210	104	2	1	0	0	3395

STATION: 5 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4895	1732	2455	1799	1070	314	34	4	.	.	12303
1.00 - 1.99	172	1702	264	21	10	11	.	.	.	.	2180
2.00 - 2.99	.	126	815	11	5	.	.	.	.	.	957
3.00 - 3.99	.	.	136	60	4	.	.	.	.	.	200
4.00 - 4.99	.	.	1	31	.	.	.	.	.	.	32
5.00 - 5.99	.	.	.	1	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5067	3560	3671	1923	1089	325	34	4	0	0	15673

STATION: 5 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	14213	2180	.	.	.	.	.	.	.	.	16393
1.00 - 1.99	96	4894	468	.	.	.	.	.	.	.	5458
2.00 - 2.99	.	41	1029	2	.	.	.	.	.	.	1072
3.00 - 3.99	.	.	118	24	.	.	.	.	.	.	142
4.00 - 4.99	.	.	3	14	.	.	.	.	.	.	17
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14309	7115	1618	40	0	0	0	0	0	0	23082

STATION: 5 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	7956	777	.	.	.	.	.	.	.	.	8733
1.00 - 1.99	29	957	60	.	.	.	.	.	.	.	1046
2.00 - 2.99	.	11	64	.	.	.	.	.	.	.	75
3.00 - 3.99	.	.	9	18	.	.	.	.	.	.	27
4.00 - 4.99	.	.	1	4	.	.	.	.	.	.	5
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7985	1745	134	22	0	0	0	0	0	0	9886

STATION: 5 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2135	242	.	.	.	.	.	.	.	.	2377
1.00 - 1.99	18	342	29	.	.	.	.	.	.	.	389
2.00 - 2.99	.	13	66	.	.	.	.	.	.	.	79
3.00 - 3.99	.	.	16	1	.	.	.	.	.	.	17
4.00 - 4.99	.	.	.	2	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2153	597	111	3	0	0	0	0	0	0	2864

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.00 N, LONG: 80.25 W, DEPTH: 183 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 5 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	870	122	.	.	.	.	.	.	.	.	992
1.00 - 1.99	19	168	14	.	.	.	.	.	.	.	201
2.00 - 2.99	.	3	35	.	.	.	.	.	.	.	38
3.00 - 3.99	.	.	2	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	889	293	51	0	0	0	0	0	0	0	1233

STATION: 5 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	879	.	.	.	.	.	.	.	.	38	917
1.00 - 1.99	124	39	.	.	.	.	.	.	.	.	163
2.00 - 2.99	.	1	.	.	.	.	.	.	.	.	1
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1003	40	0	0	0	0	0	0	0	38	1081

STATION: 5 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	787	.	.	.	.	.	.	.	.	.	787
1.00 - 1.99	225	208	.	.	.	.	.	.	.	.	433
2.00 - 2.99	.	6	.	.	.	.	.	.	.	.	6
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1012	214	0	0	0	0	0	0	0	0	1226

STATION: 5 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	33732	5127	2734	2068	1276	412	36	5	.	38	45428
1.00 - 1.99	1098	8350	835	22	14	17	.	.	.	.	10336
2.00 - 2.99	.	202	2009	13	5	.	.	.	.	.	2229
3.00 - 3.99	.	.	281	105	4	.	.	.	.	.	390
4.00 - 4.99	.	.	5	51	.	.	.	.	.	.	56
5.00 - 5.99	.	.	.	1	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	34830	13679	5864	2260	1299	429	36	5	0	38	58440

STATION: 5

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	324	337	403	471	783	960	859	901	684	513	322	264	6821
2.50 - 4.99	2210	2037	2252	2181	2621	2984	3205	3136	2853	2364	1990	1898	29731
5.00 - 7.49	1218	1105	1302	1267	1126	572	761	820	950	1085	1170	1358	12734
7.50 - 9.99	868	777	840	770	428	232	135	97	292	685	807	1069	7000
10.00 - 12.49	266	223	142	95	2	31	.	6	16	234	372	316	1703
12.50 - 14.99	69	41	21	16	.	21	.	.	5	77	132	55	437
15.00 - 17.49	4	.	.	.	.	.	.	.	.	2	4	.	10
17.50 - 19.99	1	.	.	.	.	.	.	.	.	.	3	.	4
20.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.00 N, LONG: 80.25 W, DEPTH: 183 M

STATION: 5

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	552	559	517	341	237	97	51	140	231	534	715	672	4646
22.50 - 67.49	(45.0)	1362	842	868	1001	907	631	563	900	1238	1893	1749	1624	13578
67.50 - 112.49	(90.0)	1332	1118	1268	1625	2026	1815	2763	2386	1783	1398	1326	1422	20262
112.50 - 157.49	(135.0)	636	650	861	760	739	1089	834	799	763	419	264	453	8267
157.50 - 202.49	(180.0)	294	435	502	321	409	511	291	257	282	152	132	170	3756
202.50 - 247.49	(225.0)	214	243	274	213	233	337	230	211	203	134	150	127	2569
247.50 - 292.49	(270.0)	220	275	281	311	247	231	164	161	170	178	178	164	2580
292.50 - 337.49	(315.0)	350	398	389	228	162	89	64	106	130	252	286	328	2782
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 5

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.79	0.77	0.70	0.66	0.73	0.46	0.48	0.30	0.61	0.89	1.20	0.80	0.70
1957	0.82	0.82	0.61	0.84	0.53	0.45	0.25	0.37	0.58	0.83	0.89	1.31	0.69
1958	1.16	0.79	0.66	0.65	0.78	0.58	0.70	0.29	0.61	0.88	0.78	0.87	0.73
1959	0.94	0.73	0.80	0.78	0.74	0.35	0.44	0.51	0.55	0.56	0.84	1.11	0.70
1960	0.68	0.78	0.71	0.86	0.43	0.53	0.38	0.58	0.66	0.41	0.99	1.29	0.69
1961	0.82	0.85	0.66	0.72	0.50	0.47	0.54	0.40	0.58	1.10	0.64	0.94	0.68
1962	0.81	0.55	0.77	0.77	0.48	0.35	0.35	0.46	0.50	0.80	0.93	0.73	0.62
1963	0.84	0.81	0.77	0.84	0.59	0.45	0.51	0.32	0.49	1.11	1.34	0.70	0.73
1964	0.80	0.73	0.76	1.00	0.58	0.45	0.61	0.61	0.66	1.18	0.78	1.16	0.78
1965	0.84	0.93	0.81	0.53	0.79	0.66	0.39	0.47	0.89	0.62	0.95	1.13	0.75
1966	1.00	0.98	0.84	0.92	0.57	0.87	0.34	0.44	0.35	0.65	1.35	0.87	0.76
1967	0.81	0.78	0.78	0.83	0.57	0.38	0.50	0.41	0.44	0.78	1.07	0.86	0.68
1968	1.08	0.56	0.89	0.53	0.48	0.63	0.55	0.39	0.40	0.74	1.00	0.99	0.69
1969	1.09	0.84	0.98	0.82	0.62	0.38	0.37	0.39	0.53	0.95	1.21	0.70	0.74
1970	0.76	1.35	0.94	0.57	0.95	0.35	0.52	0.50	0.64	0.82	0.80	0.74	0.74
1971	0.71	1.08	0.65	0.68	0.49	0.33	0.48	0.39	0.45	0.42	1.16	1.04	0.65
1972	0.86	0.91	0.81	0.74	0.52	0.79	0.64	0.42	0.56	0.81	0.58	1.25	0.74
1973	0.90	0.95	0.99	1.02	0.45	0.50	0.30	0.55	0.55	0.96	0.95	0.97	0.76
1974	0.70	0.74	0.66	0.93	0.55	0.47	0.33	0.55	0.54	1.42	0.93	0.72	0.71
1975	1.05	0.58	0.78	0.74	0.36	0.33	0.45	0.67	0.68	0.77	1.46	1.24	0.76
MEAN	0.87	0.83	0.78	0.77	0.59	0.49	0.46	0.45	0.56	0.84	0.99	0.97	

STATION: 5

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	20 531	21 7 6	19 6 6	26 721	18 6 7	18 610	19 7 7	10 5 8	15 6 4	36 9 4	43 9 4	19 6 7	43 9 4
1957	42 9 7	26 7 5	19 530	22 711	19 7 8	15 616	6 3 6	14 5 5	14 6 7	36 8 4	38 9 6	33 8 5	42 9 7
1958	41 9 5	25 717	20 713	19 530	24 7 7	18 6 7	17 6 7	12 510	24 710	40 8 6	28 8 6	34 8 4	41 9 5
1959	31 8 6	24 7 7	29 8 8	26 8 6	22 7 8	18 617	16 6 7	18 6 7	19 6 5	18 619	28 7 4	31 8 5	31 8 5
1960	23 7 7	30 819	14 510	26 7 4	17 6 8	16 6 5	16 620	12 5 7	35 819	11 5 4	31 8 8	38 8 3	38 8 3
1961	36 8 7	22 7 9	19 6 9	24 8 7	20 7 8	14 5 6	12 5 7	15 5 8	19 713	38 8 8	15 510	29 8 7	38 8 8
1962	25 6 4	25 6 3	19 6 5	23 7 5	20 7 7	9 415	10 4 8	13 6 9	14 5 7	38 9 7	29 8 7	19 7 8	38 9 7
1963	29 8 6	26 818	26 7 5	29 8 7	19 610	10 421	18 6 9	16 610	17 621	44 9 5	35 8 8	31 8 7	44 9 5
1964	22 7 6	20 722	22 6 8	26 8 9	16 6 8	11 5 8	19 712	18 6 6	26 8 9	43 918	24 7 7	34 9 7	43 918
1965	28 7 7	26 710	28 7 7	16 610	19 7 8	19 7 8	9 514	11 5 7	29 715	29 8 7	46 9 8	31 8 5	46 9 8
1966	33 8 7	26 7 5	24 8 7	29 8 9	15 512	36 912	14 617	10 4 3	13 6 8	25 714	41 9 4	29 8 7	41 9 4
1967	23 710	29 8 7	34 8 6	44 9 7	17 612	14 512	12 5 8	12 5 7	14 5 6	24 8 4	46 9 7	29 7 4	46 9 7
1968	36 8 7	20 530	30 7 5	15 6 6	22 7 8	40 915	15 6 7	12 5 8	11 512	34 912	38 9 3	33 8 6	40 915
1969	31 8 7	33 810	27 7 7	26 8 7	16 6 8	18 612	9 4 7	12 512	17 6 8	36 8 8	39 9 7	28 718	39 9 7
1970	29 8 6	43 918	28 721	18 6 6	22 713	14 610	15 5 8	26 7 8	16 6 8	31 8 8	31 8 3	29 7 7	43 918
1971	20 6 4	28 7 3	17 6 5	20 7 7	18 610	8 4 9	12 5 7	10 5 7	12 5 8	9 4 8	38 8 9	40 9 6	40 9 6
1972	31 8 6	29 8 7	26 8 5	23 7 7	22 7 8	37 914	14 5 9	12 511	12 5 8	27 8 7	19 6 8	35 8 4	37 914
1973	26 8 7	26 719	28 816	29 8 8	20 7 8	14 6 9	10 4 7	23 6 8	18 6 7	31 8 6	30 8 5	27 7 7	31 8 6
1974	16 610	28 8 4	22 7 7	29 8 8	19 610	28 718	9 5 7	13 510	16 6 8	5410 5	24 7 6	24 7 8	5410 5
1975	29 7 7	13 513	24 711	29 8 9	14 512	11 511	14 513	18 611	22 712	24 7 8	34 8 8	38 910	38 910
MAX	42 9 7	43 918	34 8 6	44 9 7	24 7 7	40 915	19 712	26 7 8	35 819	5410 5	46 9 7	40 9 6	

MAX Hmo(m): 5.4 MAX Tp(sec): 10. MAX Dp(deg): 50. DATE(gmt): 74100500

MAX WIND SPEED(m/sec): 19. MAX WIND DIRECTION(deg): 355. DATE(gmt): 58010318

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.25 N, LONG: 80.00 W, DEPTH: 275 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 6

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	704	662	964	1172	1932	2578	2828	2598	1477	972	586	585	17058
0.50 - 0.99	2213	2106	2215	2123	2120	1794	1776	2080	2499	2139	2112	2105	25282
1.00 - 1.49	1115	981	1149	938	677	262	316	260	623	949	913	1090	9273
1.50 - 1.99	496	442	420	341	210	92	40	14	152	394	468	566	3635
2.00 - 2.49	252	183	164	177	21	29	.	7	29	249	328	364	1803
2.50 - 2.99	97	97	44	37	.	16	.	1	17	121	193	168	791
3.00 - 3.49	48	39	4	4	.	14	.	.	1	73	95	54	332
3.50 - 3.99	16	9	.	3	.	10	.	.	2	32	54	20	146
4.00 - 4.49	12	1	.	3	.	5	.	.	.	20	32	7	80
4.50 - 4.99	1	.	.	2	.	.	.	.	.	7	12	1	23
5.00 - 5.49	2	.	.	.	.	.	.	.	.	2	2	.	6
5.50 - 5.99	2	.	.	.	.	.	.	.	.	2	2	.	6
6.00 - 6.49	2	.	.	.	.	.	.	.	.	.	3	.	5
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 6

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	540	470	755	795	1369	1967	2465	2119	983	586	358	453	12860
4.0 - 4.9	921	966	1177	1155	1192	1225	1170	1412	1247	888	857	1008	13218
5.0 - 5.9	897	815	1078	1018	853	436	626	610	781	720	787	957	9578
6.0 - 6.9	896	831	755	712	610	352	252	355	503	743	910	858	7777
7.0 - 7.9	491	345	323	330	229	267	153	195	339	730	621	573	4596
8.0 - 8.9	395	317	227	204	197	242	138	161	326	478	456	337	3478
9.0 - 9.9	187	198	128	121	197	140	67	82	292	348	246	236	2242
10.0 - 10.9	168	152	152	135	122	88	24	14	139	205	146	194	1539
11.0 - 11.9	202	174	148	134	124	60	18	12	104	172	145	179	1472
12.0 - 12.9	110	115	101	79	34	18	17	.	54	50	80	101	759
13.0 - 13.9	91	65	58	74	14	1	19	.	9	33	110	43	517
14.0 - 14.9	44	58	21	41	12	.	10	.	8	7	55	20	276
15.0 - 15.9	16	5	21	2	5	.	.	.	6	.	23	1	79
16.0 - 16.9	2	1	7	.	2	.	.	.	.	.	4	.	16
17.0 - 17.9	.	3	6	.	.	.	.	.	5	.	2	.	16
18.0 - 18.9	.	4	1	.	.	.	.	.	4	.	.	.	9
19.0 - 19.9	.	1	2	.	.	.	.	.	.	.	.	.	3
20.0 - LONGER	.	.	.	.	.	4	1	.	.	.	.	.	5
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 6

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	601	648	570	411	264	154	67	185	240	434	587	579	4740
11.25 - 33.74 (22.5)	1434	1265	1100	1009	1070	816	589	747	1681	1774	1476	1282	14243
33.75 - 56.24 (45.0)	454	253	368	336	323	339	290	441	350	838	740	693	5425
56.25 - 78.74 (67.5)	614	424	359	657	731	547	640	861	734	746	774	805	7892
78.75 - 101.24 (90.0)	492	379	542	746	934	771	1566	1212	724	409	571	602	8948
101.25 - 123.74 (112.5)	420	363	575	574	700	808	1057	834	454	281	263	365	6694
123.75 - 146.24 (135.0)	275	238	388	370	383	584	466	368	222	266	197	77	3810
146.25 - 168.74 (157.5)	152	183	255	150	197	373	82	111	108	94	49	198	1827
168.75 - 191.24 (180.0)	94	236	224	171	126	175	77	70	97	39	47	73	1410
191.25 - 213.74 (202.5)	51	90	78	82	54	70	63	48	68	27	25	54	689
213.75 - 236.24 (225.0)	55	62	71	45	52	53	14	16	40	21	39	33	486
236.25 - 258.74 (247.5)	39	36	33	20	27	49	19	8	11	14	19	18	294
258.75 - 281.24 (270.0)	48	63	79	77	49	48	15	17	10	31	23	19	488
281.25 - 303.74 (292.5)	47	58	87	59	16	6	6	17	4	19	30	28	380
303.75 - 326.24 (315.0)	84	97	114	41	19	6	4	16	7	14	29	31	511
326.25 - 348.74 (337.5)	100	125	117	52	15	1	5	9	6	22	51	80	603
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.25 N LONG: 80.00 W DEPTH: 275 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 6 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1761	3316	601	539	319	45	2	.	.	.	6583
1.00 - 1.99	119	1279	352	163	181	115	6	.	.	.	2215
2.00 - 2.99	.	73	308	10	1	.	.	.	.	.	392
3.00 - 3.99	.	.	41	33	.	.	.	.	.	.	74
4.00 - 4.99	.	.	1	18	.	.	.	.	.	.	19
5.00 - 5.99	.	.	.	1	5	.	.	.	.	.	6
6.00 - 6.99	.	.	.	1	4	.	.	.	.	.	5
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1880	4668	1303	765	510	160	8	0	0	0	9294

STATION: 6 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3722	1873	3539	2386	1385	464	74	20	3	.	13466
1.00 - 1.99	94	2262	490	505	326	159	8	4	.	.	3848
2.00 - 2.99	.	100	1095	14	6	8	5	1	.	.	1229
3.00 - 3.99	.	.	231	32	.	.	.	.	.	.	263
4.00 - 4.99	.	.	33	33	2	.	.	.	.	.	68
5.00 - 5.99	.	.	.	3	2	.	.	.	.	.	5
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3816	4235	5388	2973	1721	631	87	25	3	0	18879

STATION: 6 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10208	1417	1	.	.	2	.	.	.	.	11628
1.00 - 1.99	95	4216	288	.	.	.	.	.	.	.	4599
2.00 - 2.99	.	66	678	.	.	.	.	.	.	.	744
3.00 - 3.99	.	.	86	10	.	.	.	.	.	.	96
4.00 - 4.99	.	.	2	6	.	.	.	.	.	.	8
5.00 - 5.99	.	.	.	1	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	10303	5699	1055	17	0	2	0	0	0	0	17076

STATION: 6 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	6143	639	.	.	.	.	.	.	.	.	6782
1.00 - 1.99	28	920	64	.	.	.	.	.	.	.	1012
2.00 - 2.99	.	15	70	.	.	.	.	.	.	.	85
3.00 - 3.99	.	.	10	15	.	.	.	.	.	.	25
4.00 - 4.99	.	.	.	4	.	.	.	.	.	.	4
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6171	1574	144	19	0	0	0	0	0	0	7908

STATION: 6 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1682	249	.	.	.	.	.	.	.	.	1931
1.00 - 1.99	23	385	30	.	.	.	.	.	.	.	438
2.00 - 2.99	.	13	76	.	.	.	.	.	.	.	89
3.00 - 3.99	.	.	13	3	.	.	.	.	.	.	16
4.00 - 4.99	.	.	.	4	.	.	.	.	.	.	4
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1705	647	119	7	0	0	0	0	0	0	2478

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.25 N, LONG: 80.00 W, DEPTH: 275 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 6 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	634	99	1	.	.	.	.	.	.	.	734
1.00 - 1.99	19	166	21	.	.	.	.	.	.	.	206
2.00 - 2.99	.	4	38	.	.	.	.	.	.	.	42
3.00 - 3.99	.	.	4	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	653	269	64	0	0	0	0	0	0	0	986

STATION: 6 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	679	1	.	.	.	.	.	.	.	5	685
1.00 - 1.99	112	34	1	.	.	.	.	.	.	.	147
2.00 - 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	791	35	1	0	0	0	0	0	0	5	832

STATION: 6 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	530	1	.	.	.	.	.	.	.	.	531
1.00 - 1.99	229	214	.	.	.	.	.	.	.	.	443
2.00 - 2.99	.	13	.	.	.	.	.	.	.	.	13
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	759	228	0	0	0	0	0	0	0	0	987

STATION: 6 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	25359	7595	4142	2925	1704	511	76	20	3	5	42340
1.00 - 1.99	719	9476	1246	668	507	274	14	4	.	.	12908
2.00 - 2.99	.	284	2265	24	7	8	5	1	.	.	2594
3.00 - 3.99	.	.	385	93	.	.	.	.	.	.	478
4.00 - 4.99	.	.	36	65	2	.	.	.	.	.	103
5.00 - 5.99	.	.	.	5	7	.	.	.	.	.	12
6.00 - 6.99	.	.	.	1	4	.	.	.	.	.	5
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	26078	17355	8074	3781	2231	793	95	25	3	5	58440

STATION: 6

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	295	310	362	424	756	923	828	843	652	447	289	252	6381
2.50 - 4.99	2198	2013	2223	2223	2631	3024	3258	3192	2837	2385	1970	1880	29834
5.00 - 7.49	1228	1117	1388	1272	1151	570	748	831	997	1114	1196	1366	12978
7.50 - 9.99	896	807	814	772	419	233	126	90	291	697	847	1122	7114
10.00 - 12.49	266	226	146	91	3	30	.	4	18	236	363	281	1664
12.50 - 14.99	71	47	27	18	.	20	.	.	5	79	128	58	453
15.00 - 17.49	5	.	.	.	.	.	.	.	.	2	6	1	14
17.50 - 19.99	1	.	.	.	.	.	.	.	.	.	1	.	2
20.00 - GREATER													0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.25 N, LONG: 80.00 W, DEPTH: 275 M

STATION: 6

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	576	564	531	367	244	108	60	154	254	550	733	698	4839
22.50 - 67.49	(45.0)	1321	821	830	964	873	598	506	857	1218	1873	1685	1569	13115
67.50 - 112.49	(90.0)	1289	1058	1217	1593	1975	1757	2682	2318	1755	1372	1319	1385	19720
112.50 - 157.49	(135.0)	643	663	864	747	765	1111	920	847	777	422	269	470	8498
157.50 - 202.49	(180.0)	310	446	520	349	423	529	314	285	281	155	136	188	3936
202.50 - 247.49	(225.0)	220	257	284	225	242	358	248	223	217	133	161	133	2701
247.50 - 292.49	(270.0)	235	290	302	317	260	245	168	170	166	183	184	170	2690
292.50 - 337.49	(315.0)	366	421	412	238	178	94	62	106	132	272	313	347	2941
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 6

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.92	0.80	0.84	0.75	0.77	0.51	0.47	0.35	0.73	1.07	1.63	0.85	0.81
1957	0.94	0.93	0.69	0.88	0.56	0.50	0.28	0.44	0.63	1.02	0.97	1.45	0.77
1958	1.36	0.99	0.73	0.76	0.81	0.58	0.69	0.34	0.68	1.08	0.84	1.05	0.83
1959	1.10	0.80	0.90	0.86	0.75	0.40	0.45	0.54	0.72	0.60	1.09	1.28	0.79
1960	0.82	0.95	0.87	0.91	0.55	0.56	0.39	0.64	0.77	0.50	1.06	1.44	0.79
1961	0.96	0.90	0.70	0.76	0.56	0.51	0.52	0.43	0.73	1.34	0.79	0.99	0.76
1962	0.96	0.79	1.02	0.83	0.58	0.38	0.35	0.49	0.57	0.94	1.20	0.96	0.76
1963	0.99	0.92	0.83	0.89	0.66	0.50	0.50	0.34	0.63	1.41	1.42	0.89	0.83
1964	0.91	0.89	0.83	1.01	0.69	0.45	0.61	0.62	0.82	1.31	0.88	1.24	0.86
1965	0.97	1.04	0.85	0.60	0.79	0.69	0.41	0.46	1.03	0.77	1.07	1.22	0.82
1966	1.16	1.10	0.93	0.96	0.59	0.91	0.37	0.48	0.40	0.81	1.58	0.98	0.85
1967	0.90	1.00	0.88	0.91	0.63	0.45	0.49	0.41	0.64	0.93	1.25	0.99	0.79
1968	1.18	0.77	1.02	0.63	0.51	0.64	0.55	0.40	0.51	0.81	1.06	1.08	0.77
1969	1.20	1.15	1.13	0.86	0.71	0.40	0.38	0.45	0.63	1.11	1.37	0.85	0.85
1970	1.00	1.52	1.01	0.63	0.98	0.38	0.53	0.51	0.67	0.97	1.01	0.80	0.83
1971	0.90	1.14	0.80	0.71	0.51	0.34	0.47	0.43	0.60	0.51	1.26	1.14	0.73
1972	0.92	1.01	0.89	0.77	0.60	0.81	0.64	0.44	0.66	0.90	0.69	1.31	0.80
1973	1.05	1.17	1.05	1.08	0.49	0.51	0.32	0.56	0.58	1.18	0.98	1.07	0.83
1974	0.71	0.89	0.69	0.95	0.57	0.47	0.36	0.56	0.62	1.60	1.05	0.78	0.77
1975	1.13	0.64	0.90	0.86	0.40	0.35	0.54	0.64	0.71	0.81	1.55	1.38	0.83
MEAN	1.00	0.97	0.88	0.83	0.64	0.52	0.47	0.48	0.67	0.98	1.14	1.09	

STATION: 6

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	21 532	21 6 1	24 7 4	28 820	18 7 6	18 710	19 7 7	9 5 7	17 9 2	38 8 3	6312 1	17 6 6	6312 1
1957	44 8 6	26 8 4	19 529	22 710	19 7 8	15 616	6 3 5	14 5 5	14 6 7	39 8 3	38 8 7	34 9 2	44 8 6
1958	6210 1	25 717	20 713	20 530	24 7 6	18 6 7	17 6 7	12 510	22 7 9	39 8 6	28 8 4	37 8 4	6210 1
1959	32 8 5	24 7 7	28 8 7	28 8 1	22 7 8	16 617	16 6 7	16 6 7	19 7 4	19 718	32 8 3	33 8 3	33 8 3
1960	24 7 7	33 819	27 7 0	26 8 3	17 6 8	17 6 5	16 621	12 6 7	37 815	12 5 3	30 8 8	4610 2	4610 2
1961	38 8 6	22 7 9	19 6 9	24 7 4	20 7 8	14 5 5	12 5 7	14 5 8	19 612	37 8 8	15 510	29 8 6	38 8 6
1962	33 8 2	37 9 1	22 7 1	24 7 4	21 6 7	9 415	9 4 8	12 5 8	12 5 7	38 8 6	31 9 2	29 8 1	38 8 6
1963	28 7 7	27 819	28 8 4	30 8 6	20 6 9	10 421	16 6 9	16 610	17 621	48 9 5	36 8 7	35 9 5	48 9 5
1964	23 7 3	22 721	22 6 8	26 8 8	2012 2	10 5 8	19 713	17 614	26 7 9	43 918	27 7 7	36 8 6	43 918
1965	28 7 6	26 710	29 8 7	14 611	19 7 8	19 612	9 514	11 5 7	29 714	28 8 7	50 9 8	31 8 4	50 9 8
1966	33 8 6	26 7 4	24 7 5	29 8 7	15 512	35 913	14 617	11 7 2	14 6 7	23 714	41 8 4	28 8 6	41 8 4
1967	23 710	36 9 2	34 8 6	45 8 6	16 620	14 512	12 510	11 5 7	16 5 5	24 8 4	47 9 7	40 9 2	47 9 7
1968	41 8 7	19 530	33 8 4	14 5 6	23 6 7	40 916	15 6 6	12 5 8	12 512	33 812	38 9 2	34 8 5	41 8 7
1969	31 8 7	34 8 1	26 8 5	26 7 6	16 6 8	17 612	9 5 8	12 511	15 6 8	35 8 8	42 8 7	28 8 1	42 8 7
1970	35 9 1	44 918	28 819	18 6 5	22 713	14 610	15 5 7	26 7 8	16 6 8	31 8 8	42 9 1	27 8 7	44 918
1971	32 7 0	31 8 1	21 635	18 6 5	18 610	8 410	12 5 7	10 510	14 9 3	1210 3	35 8 9	44 9 6	44 9 6
1972	34 8 2	29 8 6	26 7 4	24 7 5	22 7 8	37 914	14 5 8	12 511	14 5 7	27 8 6	19 6 7	36 8 6	37 914
1973	26 7 5	26 719	29 817	30 8 7	19 6 8	14 6 9	10 4 7	23 6 8	18 6 7	31 8 5	31 8 4	26 7 7	31 8 4
1974	16 5 8	29 8 3	21 6 7	28 8 8	17 710	28 718	9 5 7	12 5 9	16 6 7	59 9 4	24 7 5	24 7 8	59 9 4
1975	29 8 6	13 513	24 711	28 810	14 512	11 511	1514 3	17 612	22 712	25 7 6	34 8 8	36 810	36 810
MAX	6210 1	44 918	34 8 6	45 8 6	24 7 6	40 916	19 713	26 7 8	37 815	59 9 4	6312 1	4610 2	

MAX Hmo(m): 6.3 MAX Tp(sec): 12. MAX Dp(deg): 14. DATE(gmt): 56110400

MAX WIND SPEED(m/sec): 19. MAX WIND DIRECTION(deg): 355. DATE(gmt): 58010318

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.50 N, LONG: 80.00 W, DEPTH: 366 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 7

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	644	603	865	1090	1875	2571	2926	2598	1383	884	522	535	16496
0.50 - 0.99	2235	2092	2265	2195	2181	1786	1717	2129	2564	2156	2106	2116	25542
1.00 - 1.49	1145	1015	1192	955	676	277	280	211	647	983	1003	1136	9520
1.50 - 1.99	517	462	441	342	198	97	37	16	150	418	460	589	3727
2.00 - 2.49	246	210	153	173	30	25	.	6	37	258	323	345	1806
2.50 - 2.99	99	87	41	36	.	16	.	.	14	134	214	160	801
3.00 - 3.49	46	39	3	1	.	17	.	.	3	70	85	51	315
3.50 - 3.99	11	11	.	4	.	8	.	.	2	27	40	20	123
4.00 - 4.49	9	.	.	3	.	3	.	.	.	20	32	7	74
4.50 - 4.99	2	1	.	1	.	.	.	.	.	6	9	1	20
5.00 - 5.49	5	.	.	.	.	.	.	.	.	3	2	.	7
5.50 - 5.99	2	.	.	.	.	.	.	.	.	.	1	.	3
6.00 - 6.49	2	.	.	.	.	.	.	.	.	1	3	.	6
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 7

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	527	419	701	747	1299	1985	2541	2123	926	556	340	441	12605
4.0 - 4.9	907	954	1186	1175	1163	1202	1130	1400	1219	840	778	998	12952
5.0 - 5.9	875	795	1038	1006	886	437	609	600	747	722	787	930	9432
6.0 - 6.9	855	801	754	713	589	354	251	347	528	701	930	849	7672
7.0 - 7.9	486	357	333	296	248	284	159	210	346	755	574	546	4594
8.0 - 8.9	414	338	243	217	214	221	113	177	342	476	456	368	3579
9.0 - 9.9	199	241	145	130	193	134	65	75	317	389	306	257	2451
10.0 - 10.9	211	158	166	160	157	96	27	18	172	248	169	208	1790
11.0 - 11.9	203	203	167	146	128	69	19	9	108	168	163	182	1565
12.0 - 12.9	107	104	104	84	37	16	18	1	62	69	92	112	806
13.0 - 13.9	98	70	62	76	19	2	19	.	8	29	115	45	543
14.0 - 14.9	54	68	23	42	17	.	9	.	6	7	61	23	310
15.0 - 15.9	17	2	23	8	6	.	.	.	6	.	20	1	83
16.0 - 16.9	3	.	7	.	3	.	.	.	9	.	7	.	29
17.0 - 17.9	4	6	5	.	1	.	.	.	.	.	2	.	18
18.0 - 18.9	.	3	2	.	.	.	.	.	2	.	.	.	7
19.0 - 19.9	.	1	1	.	.	.	.	.	2	.	.	.	4
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 7

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	563	608	556	386	239	131	48	174	190	377	548	565	4385
11.25 - 33.74 (22.5)	1582	1366	1205	1077	1189	900	637	829	1831	1936	1621	1431	15604
33.75 - 56.24 (45.0)	444	289	340	345	314	325	260	385	343	840	742	657	5284
56.25 - 78.74 (67.5)	520	353	294	553	668	470	542	783	691	659	660	700	6893
78.75 - 101.24 (90.0)	480	357	525	787	938	818	1605	1252	702	419	584	573	9040
101.25 - 123.74 (112.5)	402	354	556	584	681	806	1113	825	433	254	233	373	6614
123.75 - 146.24 (135.0)	262	226	361	353	373	556	425	367	262	184	88	196	3653
146.25 - 168.74 (157.5)	167	181	269	146	204	372	93	126	105	104	47	90	1904
168.75 - 191.24 (180.0)	107	271	263	181	124	192	90	80	109	45	50	55	1567
191.25 - 213.74 (202.5)	43	86	70	73	50	71	67	49	51	24	35	38	657
213.75 - 236.24 (225.0)	45	29	37	33	38	42	18	18	34	7	14	9	324
236.25 - 258.74 (247.5)	36	39	43	30	31	57	20	7	13	10	24	11	321
258.75 - 281.24 (270.0)	55	50	94	80	52	50	22	22	13	26	29	34	527
281.25 - 303.74 (292.5)	54	56	93	66	21	6	10	23	7	24	38	30	428
303.75 - 326.24 (315.0)	83	112	120	48	18	1	6	14	10	22	30	90	554
326.25 - 348.74 (337.5)	117	143	134	58	20	3	4	6	6	29	57	108	685
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.50 N, LONG: 80.00 W, DEPTH: 366 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 7 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1705	2944	380	282	151	28	.	.	.	.	5490
1.00 - 1.99	126	1363	315	121	111	58	4	.	.	.	2098
2.00 - 2.99	.	76	313	12	2	1	.	.	.	.	404
3.00 - 3.99	.	.	39	33	.	.	.	.	.	.	72
4.00 - 4.99	.	.	.	17	1	.	.	.	.	.	18
5.00 - 5.99	.	.	.	1	5	.	.	.	.	.	6
6.00 - 6.99	.	.	.	1	4	.	.	.	.	.	5
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1831	4383	1047	467	274	87	4	0	0	0	8093

STATION: 7 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3411	2235	3930	2679	1570	516	91	20	4	.	14456
1.00 - 1.99	92	2228	682	776	503	228	8	5	.	.	4522
2.00 - 2.99	.	82	1088	17	14	22	9	.	.	.	1232
3.00 - 3.99	.	.	85	161	.	.	.	.	.	.	246
4.00 - 4.99	.	.	2	60	5	.	.	.	.	.	67
5.00 - 5.99	.	.	.	.	4	.	.	.	.	.	4
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3503	4545	5787	3693	2097	766	108	25	4	0	20528

STATION: 7 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10053	1471	5	.	.	.	.	.	.	.	11529
1.00 - 1.99	88	3881	293	.	.	.	.	.	.	.	4262
2.00 - 2.99	.	82	666	4	.	.	.	.	.	.	752
3.00 - 3.99	.	.	36	38	.	.	.	.	.	.	74
4.00 - 4.99	.	.	2	3	.	.	.	.	.	.	5
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	10141	5434	1002	45	0	0	0	0	0	0	16622

STATION: 7 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5864	703	.	.	.	.	.	.	.	.	6567
1.00 - 1.99	25	941	61	.	.	.	.	.	.	.	1027
2.00 - 2.99	.	12	70	1	.	.	.	.	.	.	83
3.00 - 3.99	.	.	8	19	.	.	.	.	.	.	27
4.00 - 4.99	.	.	.	3	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5889	1656	139	23	0	0	0	0	0	0	7707

STATION: 7 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1743	287	.	.	.	.	.	.	.	.	2030
1.00 - 1.99	32	465	62	.	.	.	.	.	.	.	559
2.00 - 2.99	.	11	93	3	.	.	.	.	.	.	107
3.00 - 3.99	.	.	10	9	.	.	.	.	.	.	19
4.00 - 4.99	.	.	.	1	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1775	763	165	13	0	0	0	0	0	0	2716

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.50 N LONG: 80.00 W DEPTH: 366 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 7 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	573	18	2	.	.	.	.	.	.	.	593
1.00 - 1.99	96	22	24	.	.	.	.	.	.	.	142
2.00 - 2.99	.	.	6	.	.	.	.	.	.	.	6
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	669	40	32	0	0	0	0	0	0	0	741

STATION: 7 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	806			.	.	.	.	.	.	.	806
1.00 - 1.99	124	19	1	.	.	.	.	.	.	.	144
2.00 - 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	930	19	1	0	0	0	0	0	0	0	950

STATION: 7 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	567			.	.	.	.	.	.	.	567
1.00 - 1.99	252	241		.	.	.	.	.	.	.	493
2.00 - 2.99	.	23		.	.	.	.	.	.	.	23
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	819	264	0	0	0	0	0	0	0	0	1083

STATION: 7 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	24722	7658	4317	2961	1721	544	91	20	4	.	42038
1.00 - 1.99	835	9160	1438	897	614	286	12	5	.	.	13247
2.00 - 2.99	.	286	2236	37	16	23	9	.	.	.	2607
3.00 - 3.99	.	.	178	260	.	.	.	.	.	.	438
4.00 - 4.99	.	.	4	84	6	.	.	.	.	.	94
5.00 - 5.99	.	.	.	1	9	.	.	.	.	.	10
6.00 - 6.99	.	.	.	1	5	.	.	.	.	.	6
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	25557	17104	8173	4241	2371	853	112	25	4	0	58440

STATION: 7

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	284	270	317	367	661	820	767	757	587	358	250	224	5662
2.50 - 4.99	2182	2006	2194	2238	2727	3140	3375	3317	2886	2423	1990	1891	30369
5.00 - 7.49	1265	1118	1467	1342	1172	556	718	805	1016	1146	1204	1417	13226
7.50 - 9.99	892	839	815	750	394	237	100	77	288	718	873	1089	7072
10.00 - 12.49	253	239	137	83	6	32	.	4	17	244	368	280	1663
12.50 - 14.99	79	48	30	20	.	15	.	.	6	69	110	58	435
15.00 - 17.49	4	.	.	.	.	.	.	.	.	2	5	1	12
17.50 - 19.99	1	.	.	.	.	.	.	.	.	.	.	.	1
20.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.50 N, LONG: 80.00 W, DEPTH: 366 M

STATION: 7

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	615	596	532	397	277	126	74	178	273	584	769	729	5150
22.50 - 67.49	(45.0)	1271	776	773	894	809	548	433	799	1191	1876	1586	1511	12467
67.50 - 112.49	(90.0)	1206	998	1152	1554	1909	1697	2556	2194	1737	1298	1308	1327	18936
112.50 - 157.49	(135.0)	661	686	896	774	797	1120	1014	944	785	434	302	498	8911
157.50 - 202.49	(180.0)	338	450	532	366	445	569	385	315	281	154	141	201	4177
202.50 - 247.49	(225.0)	218	274	313	234	261	378	256	249	224	134	155	144	2840
247.50 - 292.49	(270.0)	255	305	317	329	274	249	175	168	166	183	192	179	2792
292.50 - 337.49	(315.0)	396	435	445	252	188	113	67	113	143	297	347	371	3167
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 7

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.94	0.81	0.85	0.75	0.78	0.52	0.45	0.35	0.75	1.10	1.61	0.84	0.81
1957	0.96	0.95	0.69	0.89	0.57	0.52	0.29	0.44	0.65	1.04	0.98	1.45	0.78
1958	1.37	1.02	0.75	0.77	0.82	0.59	0.68	0.34	0.69	1.10	0.84	1.07	0.84
1959	1.11	0.82	0.92	0.87	0.75	0.41	0.45	0.55	0.76	0.59	1.14	1.30	0.81
1960	0.82	0.98	0.89	0.93	0.56	0.58	0.39	0.63	0.79	0.52	1.05	1.44	0.80
1961	0.97	0.90	0.71	0.77	0.58	0.52	0.50	0.44	0.74	1.38	0.81	0.98	0.77
1962	0.98	0.80	1.05	0.82	0.59	0.39	0.35	0.47	0.56	0.94	1.23	0.97	0.76
1963	1.01	0.93	0.84	0.87	0.67	0.50	0.49	0.34	0.66	1.43	1.41	0.91	0.84
1964	0.91	0.90	0.85	1.00	0.70	0.44	0.61	0.59	0.84	1.31	0.90	1.25	0.86
1965	0.97	1.05	0.84	0.61	0.75	0.70	0.41	0.45	1.04	0.80	1.08	1.22	0.82
1966	1.17	1.13	0.94	0.97	0.60	0.92	0.38	0.50	0.41	0.84	1.57	0.98	0.86
1967	0.90	1.02	0.90	0.93	0.63	0.46	0.49	0.42	0.67	0.96	1.25	1.01	0.80
1968	1.16	0.79	1.02	0.65	0.52	0.62	0.53	0.40	0.53	0.84	1.04	1.06	0.76
1969	1.20	1.19	1.12	0.87	0.73	0.41	0.40	0.46	0.66	1.16	1.37	0.86	0.87
1970	1.03	1.50	1.00	0.64	0.97	0.40	0.51	0.51	0.67	1.02	1.02	0.79	0.84
1971	0.92	1.13	0.81	0.71	0.52	0.34	0.45	0.44	0.63	0.52	1.28	1.15	0.74
1972	0.93	1.03	0.90	0.78	0.64	0.81	0.63	0.43	0.68	0.92	0.71	1.30	0.81
1973	1.05	1.19	1.04	1.08	0.50	0.51	0.32	0.54	0.57	1.20	0.96	1.05	0.83
1974	0.70	0.90	0.69	0.94	0.57	0.48	0.36	0.54	0.62	1.60	1.05	0.78	0.77
1975	1.13	0.65	0.92	0.87	0.41	0.35	0.56	0.60	0.72	0.80	1.54	1.40	0.83
MEAN	1.01	0.98	0.89	0.84	0.64	0.52	0.46	0.47	0.68	1.00	1.14	1.09	

STATION: 7

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	22 532	21 6 1	24 7 4	23 819	20 6 7	18 610	17 6 7	9 4 8	18 6 4	38 9 3	6112 2	17 6 7	6112 2
1957	4410 4	26 7 5	18 530	22 711	19 7 8	15 616	5 320	12 5 5	14 6 7	37 9 3	38 9 4	34 9 2	4410 4
1958	6410 1	26 717	20 712	20 530	22 7 6	18 6 7	16 6 8	12 510	22 7 9	38 9 5	29 8 4	37 9 3	6410 1
1959	32 9 4	22 7 7	29 8 9	29 8 1	24 7 8	16 617	14 5 7	15 5 7	20 7 5	18 618	31 8 1	31 8 4	32 9 4
1960	24 8 1	33 819	27 7 0	26 8 3	16 6 9	18 7 4	14 619	14 6 7	38 815	13 5 3	29 8 8	4611 2	4611 2
1961	37 9 6	21 6 9	18 618	24 719	20 7 8	12 6 6	10 5 8	14 5 8	18 612	37 9 4	14 6 4	30 8 5	37 9 4
1962	34 8 3	37 9 1	2215 3	22 7 4	22 7 6	9 415	9 4 8	11 5 8	1212 3	40 9 5	31 9 2	27 8 1	40 9 5
1963	29 8 5	26 818	29 8 4	29 8 6	21 6 9	10 6 1	16 6 9	15 610	19 617	4711 4	34 9 7	36 8 6	4711 4
1964	22 7 5	22 718	21 6 7	26 8 8	2112 3	10 4 8	19 713	16 614	24 8 9	39 819	28 8 6	33 8 7	39 819
1965	27 7 0	24 712	28 8 4	15 5 2	18 6 7	19 612	8 514	11 510	31 714	28 7 7	4911 4	31 8 3	4911 4
1966	34 9 5	29 818	22 7 6	28 8 8	16 6 8	36 811	14 617	12 7 2	13 6 7	24 714	42 9 3	26 8 5	42 9 3
1967	23 636	36 9 2	34 9 5	4610 5	16 613	14 512	12 510	11 5 7	16 5 5	26 8 4	4610 5	40 9 3	4610 5
1968	4010 5	18 530	31 8 4	14 5 6	24 6 7	411014	14 5 7	12 5 8	1111 3	33 812	36 8 2	32 9 4	411014
1969	28 7 8	36 810	26 7 7	24 8 6	16 6 9	17 612	9 5 8	12 511	15 6 8	36 9 8	4110 5	29 818	4110 5
1970	34 9 1	45 918	23 720	18 6 5	22 713	14 610	14 5 8	24 7 8	16 6 9	29 8 9	42 9 2	27 8 7	45 918
1971	32 8 1	31 8 1	20 635	18 6 5	18 610	8 410	12 5 8	11 510	15 9 3	1210 3	37 9 9	4310 4	4310 4
1972	34 9 1	29 8 4	26 8 4	24 7 5	22 7 8	37 914	14 5 8	11 512	13 8 3	27 8 6	19 6 7	36 8 3	37 914
1973	24 8 5	26 719	29 817	28 8 7	18 6 8	14 610	9 5 8	23 6 8	16 6 7	31 8 4	31 8 4	26 718	31 8 4
1974	15 5 8	29 8 3	19 6 7	29 8 9	18 610	28 718	8 4 8	12 5 8	1410 3	6012 3	24 7 5	22 7 8	6012 3
1975	29 8 6	14 618	24 711	29 810	12 513	9 511	1614 3	17 612	22 712	24 7 7	34 9 8	34 910	34 910
MAX	6410 1	45 918	34 9 5	4610 5	24 6 7	411014	19 713	24 7 8	38 815	6012 3	6112 2	4611 2	

MAX Hmo(m): 6.4 MAX Tp(sec): 10. MAX Dp(deg): 11. DATE(gmt): 58010318

MAX WIND SPEED(m/sec): 19. MAX WIND DIRECTION(deg): 0. DATE(gmt): 58010318

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.75 N, LONG: 80.00 W, DEPTH: 366 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 8

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	629	604	839	1074	1868	2612	3097	2665	1362	833	497	540	16620
0.50 - 0.99	2235	2044	2296	2248	2246	1756	1600	2099	2548	2144	2130	2111	25457
1.00 - 1.49	1149	1012	1193	948	626	270	225	178	639	992	1021	1172	9425
1.50 - 1.99	549	530	445	376	194	101	38	13	199	477	499	611	4032
2.00 - 2.49	224	188	144	120	26	22	.	5	22	243	309	306	1609
2.50 - 2.99	98	95	38	25	.	11	.	.	21	148	185	135	756
3.00 - 3.49	43	38	5	1	.	19	.	.	6	58	72	60	302
3.50 - 3.99	18	7	.	3	.	7	.	.	3	33	43	14	128
4.00 - 4.49	7	1	.	5	.	2	.	.	.	14	28	8	65
4.50 - 4.99	1	1	.	.	.	.	.	.	.	11	10	3	26
5.00 - 5.49	3	.	.	.	.	.	.	.	.	5	3	.	11
5.50 - 5.99	2	.	.	.	.	.	.	.	.	2	2	.	6
6.00 - 6.49	1	.	.	.	.	.	.	.	.	.	1	.	2
6.50 - 6.99	1	.	.	.	.	.	.	.	.	.	.	.	1
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 8

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	474	394	641	708	1161	1923	2539	2116	855	502	320	399	12032
4.0 - 4.9	872	939	1176	1137	1153	1128	1036	1321	1123	774	726	957	12342
5.0 - 5.9	968	859	1105	1192	999	507	596	566	838	741	909	1061	10341
6.0 - 6.9	742	712	649	588	450	317	230	356	476	704	925	724	6873
7.0 - 7.9	536	346	331	242	245	291	175	240	374	856	562	533	4731
8.0 - 8.9	408	338	262	213	262	257	181	215	395	443	355	311	3640
9.0 - 9.9	215	256	167	152	239	180	103	111	342	381	290	311	2747
10.0 - 10.9	231	176	196	179	187	105	33	22	186	258	197	263	2033
11.0 - 11.9	205	222	177	152	160	72	19	13	120	189	190	203	1722
12.0 - 12.9	136	111	117	95	49	18	18	.	57	64	110	113	888
13.0 - 13.9	96	84	66	92	26	2	21	.	13	31	121	57	609
14.0 - 14.9	55	69	28	41	17	.	9	.	6	14	64	24	327
15.0 - 15.9	15	3	28	9	4	.	.	.	3	3	24	4	93
16.0 - 16.9	5	.	8	.	7	.	.	.	8	.	6	.	34
17.0 - 17.9	2	7	4	.	1	.	.	.	3	.	1	.	18
18.0 - 18.9	.	4	2	.	.	.	.	.	1	.	.	.	7
19.0 - 19.9	.	.	1	.	.	.	.	.	.	.	.	.	1
20.0 - LONGER	.	.	2	.	.	.	.	.	.	.	.	.	2
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 8

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	553	578	515	392	221	113	45	149	153	338	495	554	4106
11.25 - 33.74 (22.5)	1552	1349	1212	1039	1122	813	611	950	1856	1879	1527	1449	15359
33.75 - 56.24 (45.0)	687	465	498	596	655	625	479	504	612	1125	1037	877	8160
56.25 - 78.74 (67.5)	481	309	305	569	656	492	611	806	647	609	696	676	6857
78.75 - 101.24 (90.0)	333	253	384	586	726	591	1299	992	515	322	407	367	6775
101.25 - 123.74 (112.5)	287	299	444	472	586	674	921	668	386	199	184	292	5412
123.75 - 146.24 (135.0)	297	249	390	362	383	597	568	478	273	188	104	214	4103
146.25 - 168.74 (157.5)	192	203	318	206	232	440	148	156	115	104	45	121	2280
168.75 - 191.24 (180.0)	107	281	272	179	149	196	106	93	119	57	60	72	1691
191.25 - 213.74 (202.5)	50	65	55	60	42	77	59	54	37	12	27	20	558
213.75 - 236.24 (225.0)	53	28	35	31	32	49	32	25	38	10	19	14	366
236.25 - 258.74 (247.5)	33	49	49	32	32	76	27	9	11	6	20	16	360
258.75 - 281.24 (270.0)	64	52	103	96	55	47	32	26	17	31	34	37	594
281.25 - 303.74 (292.5)	54	75	95	70	26	6	9	24	8	23	41	45	476
303.75 - 326.24 (315.0)	100	110	132	43	20	3	8	18	7	26	40	86	593
326.25 - 348.74 (337.5)	117	155	153	67	23	1	5	8	6	31	64	120	750
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.75 N LONG: 80.00 W DEPTH: 366 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 8 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1659	2707	246	166	53	15	.	.	.	.	4846
1.00 - 1.99	120	1433	280	90	44	13	.	.	.	.	1980
2.00 - 2.99	.	75	316	4	.	.	.	.	.	.	395
3.00 - 3.99	.	.	42	29	1	.	.	.	.	.	71
4.00 - 4.99	.	.	.	18	1	.	.	.	.	.	19
5.00 - 5.99	.	.	.	1	8	.	.	.	.	.	9
6.00 - 6.99	.	.	.	1	2	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1779	4215	884	309	108	28	0	0	0	0	7323

STATION: 8 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3402	2814	4774	3200	1823	594	107	21	3	.	16738
1.00 - 1.99	99	2474	954	1037	643	277	11	3	.	.	5498
2.00 - 2.99	.	103	1082	40	24	37	9	1	.	.	1296
3.00 - 3.99	.	.	190	115	1	.	.	.	.	.	306
4.00 - 4.99	.	.	24	38	4	.	.	.	.	.	66
5.00 - 5.99	.	.	.	1	7	.	.	.	.	.	8
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3501	5391	7024	4431	2502	908	127	25	3	0	23912

STATION: 8 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	8244	1069	1	.	.	.	.	.	.	.	9314
1.00 - 1.99	73	3258	71	.	.	.	.	.	.	.	3402
2.00 - 2.99	.	388	49	.	.	.	.	.	.	.	437
3.00 - 3.99	.	.	5	3	.	.	.	.	.	.	8
4.00 - 4.99	.	.	2	.	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8317	4715	128	3	0	0	0	0	0	0	13163

STATION: 8 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	6147	726	.	.	.	.	.	.	.	.	6873
1.00 - 1.99	26	1002	47	.	.	.	.	.	.	.	1075
2.00 - 2.99	.	26	65	.	.	.	.	.	.	.	91
3.00 - 3.99	.	.	12	14	.	.	.	.	.	.	26
4.00 - 4.99	.	.	1	1	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6173	1754	125	15	0	0	0	0	0	0	8067

STATION: 8 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1890	311	6	.	.	.	.	.	.	.	2207
1.00 - 1.99	40	493	97	1	.	.	.	.	.	.	631
2.00 - 2.99	.	15	95	8	.	.	.	.	.	.	118
3.00 - 3.99	.	.	8	11	.	.	.	.	.	.	19
4.00 - 4.99	.	.	.	2	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1930	819	206	22	0	0	0	0	0	0	2977

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.75 N LONG: 80.00 W DEPTH: 366 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 8 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	612	1	.	.	.	.	.	.	.	.	613
1.00 - 1.99	143	8	3	.	.	.	.	.	.	.	154
2.00 - 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	755	9	3	0	0	0	0	0	0	0	767

STATION: 8 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	875	.	.	.	.	.	.	.	.	.	875
1.00 - 1.99	145	17	.	.	.	.	.	.	.	.	162
2.00 - 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1020	17	0	0	0	0	0	0	0	0	1037

STATION: 8 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	611	.	.	.	.	.	.	.	.	.	611
1.00 - 1.99	288	266	1	.	.	.	.	.	.	.	555
2.00 - 2.99	.	28	.	.	.	.	.	.	.	.	28
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	899	294	1	0	0	0	0	0	0	0	1194

STATION: 8 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	23440	7628	5027	3366	1876	609	107	21	3	.	42077
1.00 - 1.99	934	8951	1453	1128	687	290	11	3	.	.	13457
2.00 - 2.99	.	635	1607	52	24	37	9	1	.	.	2365
3.00 - 3.99	.	.	257	172	1	.	.	.	.	.	430
4.00 - 4.99	.	.	27	59	5	.	.	.	.	.	91
5.00 - 5.99	.	.	.	2	15	.	.	.	.	.	17
6.00 - 6.99	.	.	.	1	2	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	24374	17214	8371	4780	2610	936	127	25	3	0	58440

STATION: 8

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	255	232	261	307	571	697	657	646	517	299	198	187	4827
2.50 - 4.99	2186	2013	2219	2282	2789	3249	3526	3462	2939	2439	1992	1908	31004
5.00 - 7.49	1287	1104	1486	1361	1188	565	691	786	1016	1126	1228	1446	13284
7.50 - 9.99	889	863	817	748	405	240	86	61	301	774	918	1078	7180
10.00 - 12.49	259	255	147	82	7	32	.	5	21	251	346	275	1680
12.50 - 14.99	78	53	30	18	.	17	.	.	6	69	112	64	447
15.00 - 17.49	5	.	.	2	.	.	.	.	.	2	6	2	17
17.50 - 19.99	1	.	.	.	.	.	.	.	.	.	.	.	1
20.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 25.75 N, LONG: 80.00 W, DEPTH: 366 M

STATION: 8

OCCURRENCES OF WIND DIRECTIO BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER	WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	643	588	527	412	265	121	69	170	282	620	756	729	5182
22.50 - 67.49	(45.0)	1229	757	725	842	782	536	396	746	1176	1848	1566	1470	12073
67.50 - 112.49	(90.0)	1155	939	1116	1511	1859	1602	2415	2096	1704	1256	1259	1264	18176
112.50 - 157.49	(135.0)	659	685	914	792	809	1113	1068	991	785	436	316	524	9092
157.50 - 202.49	(180.0)	349	468	535	389	461	619	474	378	299	157	153	214	4496
202.50 - 247.49	(225.0)	236	288	323	243	276	399	267	269	233	133	159	154	2980
247.50 - 292.49	(270.0)	269	318	344	342	281	275	193	173	170	192	201	192	2950
292.50 - 337.49	(315.0)	420	477	476	269	227	135	78	137	151	318	390	413	3491
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 8

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.96	0.80	0.85	0.75	0.79	0.51	0.42	0.35	0.77	1.14	1.61	0.81	0.81
1957	0.94	0.95	0.70	0.89	0.55	0.52	0.30	0.45	0.65	1.06	0.98	1.41	0.78
1958	1.41	1.06	0.76	0.78	0.80	0.58	0.65	0.35	0.68	1.12	0.82	1.09	0.84
1959	1.13	0.82	0.93	0.87	0.72	0.41	0.44	0.55	0.79	0.59	1.16	1.30	0.81
1960	0.82	1.01	0.90	0.91	0.58	0.57	0.38	0.62	0.82	0.54	1.03	1.44	0.80
1961	0.98	0.89	0.70	0.77	0.57	0.51	0.47	0.43	0.75	1.40	0.82	0.95	0.77
1962	0.99	0.82	1.08	0.81	0.60	0.38	0.33	0.46	0.56	0.95	1.26	0.97	0.77
1963	1.02	0.94	0.83	0.85	0.67	0.50	0.47	0.33	0.69	1.49	1.37	0.94	0.84
1964	0.93	0.92	0.85	0.97	0.72	0.43	0.59	0.59	0.87	1.31	0.91	1.23	0.86
1965	0.97	1.05	0.84	0.61	0.72	0.70	0.39	0.42	1.06	0.82	1.07	1.21	0.82
1966	1.17	1.13	0.93	0.91	0.60	0.92	0.38	0.49	0.42	0.88	1.60	0.98	0.86
1967	0.90	1.03	0.90	0.93	0.63	0.47	0.45	0.41	0.71	1.01	1.26	1.01	0.81
1968	1.14	0.83	1.01	0.66	0.51	0.59	0.49	0.38	0.55	0.85	1.00	1.04	0.75
1969	1.20	1.21	1.12	0.85	0.73	0.42	0.39	0.46	0.66	1.17	1.36	0.87	0.87
1970	1.04	1.51	1.00	0.65	0.94	0.41	0.50	0.50	0.66	1.04	1.03	0.78	0.83
1971	0.92	1.11	0.83	0.69	0.51	0.34	0.43	0.43	0.65	0.53	1.23	1.15	0.73
1972	0.92	1.03	0.91	0.76	0.66	0.81	0.60	0.42	0.69	0.95	0.71	1.27	0.81
1973	1.05	1.19	1.03	1.07	0.49	0.50	0.31	0.52	0.56	1.20	0.93	1.04	0.82
1974	0.67	0.91	0.66	0.89	0.56	0.47	0.35	0.51	0.62	1.63	1.03	0.77	0.75
1975	1.10	0.66	0.94	0.86	0.42	0.34	0.55	0.56	0.71	0.78	1.45	1.36	0.81
MEAN	1.01	0.99	0.89	0.82	0.64	0.52	0.44	0.46	0.69	1.02	1.13	1.08	

STATION: 8

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	22 532	21 6 1	23 7 0	21 719	19 7 6	17 510	17 6 7	8 4 8	18 7 3	40 9 3	6012 2	15 5 8	6012 2
1957	4310 4	27 7 5	17 530	19 610	18 5 8	15 616	5 321	12 5 5	14 6 7	38 9 3	39 8 5	32 8 1	4310 4
1958	6610 1	26 717	20 712	20 530	22 7 6	18 5 7	16 5 8	10 511	19 6 8	37 8 5	29 7 6	37 8 4	6610 1
1959	32 9 4	22 7 6	28 7 6	29 8 2	21 6 8	15 617	14 5 7	15 5 7	20 7 5	17 618	31 8 1	31 7 5	32 9 4
1960	25 8 0	33 819	29 736	28 7 4	15 5 8	19 7 4	14 619	14 5 7	38 816	13 6 1	27 7 5	4611 2	4611 2
1961	37 9 6	19 611	20 618	24 719	19 6 7	12 5 6	10 5 7	14 5 8	18 612	37 8 4	15 6 4	28 7 6	37 8 4
1962	31 7 4	39 9 1	2315 3	21 7 2	22 7 7	9 5 8	7 410	10 5 9	1211 3	37 8 5	31 9 2	27 8 1	39 9 1
1963	28 7 5	26 817	31 9 3	29 7 6	21 6 9	11 7 3	14 5 8	15 510	19 618	5011 4	35 9 5	38 9 5	5011 4
1964	22 7 4	22 719	18 6 7	23 6 8	2211 3	9 4 8	18 612	16 613	22 7 7	36 918	31 7 7	33 8 6	36 918
1965	28 7 0	24 712	28 7 6	15 5 2	16 5 8	16 5 7	8 414	10 510	35 812	28 7 6	4810 6	31 7 4	4810 6
1966	31 7 6	29 818	22 7 6	24 6 7	15 5 9	35 813	16 617	13 7 2	14 5 7	24 613	4310 3	27 7 6	4310 3
1967	23 7 0	34 9 2	32 7 5	44 8 5	15 5 8	12 513	12 510	10 5 7	16 5 5	27 7 4	4510 2	40 9 3	4510 2
1968	38 8 7	18 530	31 7 5	14 5 4	23 7 7	41 914	14 5 7	12 5 8	1212 4	29 813	33 8 2	33 7 5	41 914
1969	26 7 7	36 8 2	26 7 7	25 7 6	15 510	17 512	9 4 8	12 513	14 5 8	29 6 8	39 8 6	29 818	39 8 6
1970	32 8 2	451018	24 818	17 6 5	20 713	14 511	14 5 8	21 6 8	15 510	31 8 5	4310 2	27 7 7	451018
1971	33 8 0	29 8 1	19 635	17 6 5	16 510	8 410	11 5 8	13 5 6	16 9 3	1310 3	29 6 8	47 8 6	47 8 6
1972	35 9 2	29 7 4	27 7 4	23 7 5	21 6 7	37 914	14 5 8	10 512	13 8 3	28 7 6	17 5 8	34 8 5	37 914
1973	25 7 5	26 719	29 817	28 8 6	17 5 8	14 510	9 5 7	21 6 7	15 5 7	31 9 4	32 7 5	25 7 6	32 7 5
1974	15 5 8	29 8 2	17 6 7	25 6 8	16 510	28 718	8 4 8	12 5 8	1510 3	5912 4	22 7 4	21 6 3	5912 4
1975	28 7 7	18 619	21 611	25 610	11 513	9 512	1714 3	17 511	22 713	24 6 7	30 8 6	35 8 6	35 8 6
MAX	6610 1	451018	32 7 5	44 8 5	23 7 7	41 914	18 612	21 6 7	38 816	5912 4	6012 2	47 8 6	

MAX Hmo(m): 6.6 MAX Tp(sec): 10. MAX Dp(deg): 11. DATE(gmt): 58010318

MAX WIND SPEED(m/sec): 18. MAX WIND DIRECTION(deg): 0. DATE(gmt): 58010318

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.00 N, LONG: 80.00 W, DEPTH: 220 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 9

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	521	508	695	917	1666	2444	2857	2466	1189	697	407	440	14807
0.50 - 0.99	2165	1974	2280	2235	2293	1899	1807	2273	2584	2070	2015	2068	25663
1.00 - 1.49	1269	1100	1306	1092	761	294	250	198	723	1107	1180	1239	10519
1.50 - 1.99	562	567	478	358	201	93	46	17	234	498	505	633	4192
2.00 - 2.49	266	227	161	157	38	25	.	6	36	291	310	342	1859
2.50 - 2.99	101	97	35	30	1	15	.	.	21	150	207	158	815
3.00 - 3.49	40	36	5	3	.	17	.	.	8	85	94	53	341
3.50 - 3.99	22	9	.	4	.	11	.	.	4	29	41	14	134
4.00 - 4.49	5	1	.	4	.	2	.	.	1	19	28	12	72
4.50 - 4.99	3	1	.	.	.	.	.	.	.	8	7	1	20
5.00 - 5.49	.	.	.	.	.	.	.	.	.	5	3	.	8
5.50 - 5.99	3	.	.	.	.	.	.	.	.	.	3	.	6
6.00 - 6.49	2	.	.	.	.	.	.	.	.	1	.	.	3
6.50 - 6.99	1	.	.	.	.	.	.	.	.	.	.	.	1
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 9

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	417	329	595	678	1041	1752	2373	1888	778	416	267	352	10886
4.0 - 4.9	846	902	1143	1041	1119	1218	1134	1429	1103	737	663	888	12223
5.0 - 5.9	873	798	1003	1011	868	426	591	593	777	695	781	934	9350
6.0 - 6.9	795	731	766	716	671	384	281	359	538	672	908	784	7605
7.0 - 7.9	514	373	336	379	278	328	178	257	402	817	616	544	5022
8.0 - 8.9	475	401	287	250	283	268	196	267	410	568	489	404	4298
9.0 - 9.9	249	269	176	145	234	221	103	126	374	458	322	334	3011
10.0 - 10.9	216	185	197	191	189	111	34	28	197	275	206	282	2111
11.0 - 11.9	236	226	190	150	168	68	23	10	128	197	213	219	1828
12.0 - 12.9	146	125	126	93	52	20	17	2	59	74	122	138	974
13.0 - 13.9	111	88	65	99	32	4	20	1	9	36	119	50	634
14.0 - 14.9	58	76	27	43	13	.	10	.	7	15	64	26	339
15.0 - 15.9	16	4	29	3	9	.	.	.	6	.	23	4	94
16.0 - 16.9	8	4	12	1	3	.	.	.	6	.	6	1	41
17.0 - 17.9	.	7	4	.	.	.	.	.	5	.	1	.	17
18.0 - 18.9	.	2	3	.	.	.	.	.	1	.	.	.	6
19.0 - 19.9	.	.	1	.	.	.	.	.	.	.	.	.	1
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 9

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	498	518	492	346	191	68	30	111	113	276	441	512	3596
11.25 - 33.74 (22.5)	1450	1274	1042	935	955	690	576	843	1726	1553	1352	1312	13708
33.75 - 56.24 (45.0)	804	580	638	703	793	712	413	542	733	1493	1147	977	9535
56.25 - 78.74 (67.5)	464	312	289	514	647	504	577	751	667	640	677	657	6699
78.75 - 101.24 (90.0)	456	326	510	798	954	778	1600	1316	633	386	586	535	8878
101.25 - 123.74 (112.5)	321	306	450	436	556	685	940	669	362	165	174	266	5330
123.75 - 146.24 (135.0)	206	184	310	280	254	478	372	329	219	166	68	155	3021
146.25 - 168.74 (157.5)	173	191	283	191	222	397	159	120	98	91	40	108	2073
168.75 - 191.24 (180.0)	106	290	283	178	143	195	108	97	117	53	62	77	1709
191.25 - 213.74 (202.5)	47	50	58	54	43	83	61	68	35	9	21	20	549
213.75 - 236.24 (225.0)	56	39	40	33	36	58	29	27	42	7	23	17	407
236.25 - 258.74 (247.5)	33	46	51	33	33	79	33	12	14	4	16	14	368
258.75 - 281.24 (270.0)	69	52	111	104	65	61	41	36	23	29	32	38	661
281.25 - 303.74 (292.5)	55	66	110	74	27	8	12	17	9	26	44	66	514
303.75 - 326.24 (315.0)	105	126	133	47	20	2	3	13	7	22	45	82	605
326.25 - 348.74 (337.5)	117	160	160	74	21	2	6	9	2	40	72	124	787
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.00 N, LONG: 80.00 W, DEPTH: 220 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 9 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1418	2210	111	57	12	.	.	.	.	.	3808
1.00 - 1.99	145	1482	232	30	5	.	.	.	.	.	1894
2.00 - 2.99	.	77	324	4	.	.	.	.	.	.	405
3.00 - 3.99	.	.	40	33	.	.	.	.	.	.	73
4.00 - 4.99	.	.	.	18	.	.	.	.	.	.	18
5.00 - 5.99	.	.	.	1	6	.	.	.	.	.	7
6.00 - 6.99	.	.	.	.	3	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1563	3769	707	143	26	0	0	0	0	0	6208

STATION: 9 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2834	2737	4770	3200	1933	636	104	22	1	.	16237
1.00 - 1.99	83	2274	1221	1331	789	297	20	1	.	.	6016
2.00 - 2.99	.	72	1091	56	38	40	11	.	.	.	1308
3.00 - 3.99	.	.	64	211	2	.	.	.	.	.	277
4.00 - 4.99	.	.	1	62	5	.	.	.	.	.	68
5.00 - 5.99	.	.	.	.	7	.	.	.	.	.	7
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2917	5083	7147	4860	2775	973	135	23	1	0	23914

STATION: 9 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	9004	1608	55	36	1	.	.	.	.	.	10704
1.00 - 1.99	62	3856	336	.	.	.	.	.	.	.	4254
2.00 - 2.99	.	31	682	2	.	.	.	.	.	.	715
3.00 - 3.99	.	.	38	45	.	.	.	.	.	.	83
4.00 - 4.99	.	.	1	.	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9066	5495	1112	83	1	0	0	0	0	0	15757

STATION: 9 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4839	538	1	.	.	.	.	.	.	.	5378
1.00 - 1.99	25	876	47	.	.	.	.	.	.	.	948
2.00 - 2.99	.	17	77	.	.	.	.	.	.	.	94
3.00 - 3.99	.	.	12	12	.	.	.	.	.	.	24
4.00 - 4.99	.	.	.	2	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4864	1431	137	14	0	0	0	0	0	0	6446

STATION: 9 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1842	306	7	.	.	.	.	.	.	.	2155
1.00 - 1.99	33	500	104	1	.	.	.	.	.	.	638
2.00 - 2.99	.	15	95	10	.	.	.	.	.	.	120
3.00 - 3.99	.	.	9	9	.	.	.	.	.	.	18
4.00 - 4.99	.	.	1	2	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1875	821	216	22	0	0	0	0	0	0	2934

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.00 N, LONG: 80.00 W, DEPTH: 220 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 9 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	636	.	.	.	.	.	.	.	.	.	636
1.00 - 1.99	161	16	.	.	.	.	.	.	.	.	177
2.00 - 2.99	.	1	.	.	.	.	.	.	.	.	1
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	797	17	0	0	0	0	0	0	0	0	814

STATION: 9 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	939	.	.	.	.	.	.	.	.	.	939
1.00 - 1.99	168	22	.	.	.	.	.	.	.	.	190
2.00 - 2.99	.	1	.	.	.	.	.	.	.	.	1
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1107	23	0	0	0	0	0	0	0	0	1130

STATION: 9 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	613	.	.	.	.	.	.	.	.	.	613
1.00 - 1.99	307	286	1	.	.	.	.	.	.	.	594
2.00 - 2.99	.	30	.	.	.	.	.	.	.	.	30
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	920	316	1	0	0	0	0	0	0	0	1237

STATION: 9 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	22125	7399	4944	3293	1946	636	104	22	1	.	40470
1.00 - 1.99	984	9312	1941	1362	794	297	20	1	.	.	14711
2.00 - 2.99	.	244	2269	72	38	40	11	.	.	.	2674
3.00 - 3.99	.	.	163	310	2	.	.	.	.	.	475
4.00 - 4.99	.	.	3	84	5	.	.	.	.	.	92
5.00 - 5.99	.	.	.	1	13	.	.	.	.	.	14
6.00 - 6.99	.	.	.	.	4	.	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	23109	16955	9320	5122	2802	973	135	23	1	0	58440

STATION: 9

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	202	177	206	249	465	553	550	519	420	246	167	158	3912
2.50 - 4.99	2202	1993	2199	2302	2849	3354	3650	3613	2987	2433	1973	1922	31477
5.00 - 7.49	1295	1156	1542	1389	1228	597	681	766	1051	1155	1246	1460	13566
7.50 - 9.99	908	865	823	755	408	245	79	60	307	794	957	1081	7282
10.00 - 12.49	262	260	153	85	9	34	.	2	28	262	347	276	1718
12.50 - 14.99	85	68	37	15	1	17	.	.	7	68	104	61	463
15.00 - 17.49	5	1	.	5	.	.	.	.	.	2	6	2	21
17.50 - 19.99	1	.	.	.	.	.	.	.	.	.	.	.	1
20.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.00 N, LONG: 80.00 W, DEPTH: 220 M

STATION: 9

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	650	565	492	402	259	117	61	158	286	653	758	727	5128
22.50 - 67.49	(45.0)	1194	740	730	798	755	510	371	694	1192	1836	1529	1415	11764
67.50 - 112.49	(90.0)	1107	903	1061	1481	1797	1556	2295	2049	1668	1223	1224	1237	17601
112.50 - 157.49	(135.0)	658	676	909	781	816	1097	1102	1006	772	430	339	525	9111
157.50 - 202.49	(180.0)	359	479	547	421	482	633	521	418	301	159	150	237	4707
202.50 - 247.49	(225.0)	251	305	330	258	291	436	313	293	244	139	164	164	3188
247.50 - 292.49	(270.0)	282	330	364	358	312	298	204	194	176	199	213	205	3135
292.50 - 337.49	(315.0)	459	522	527	301	248	153	93	148	161	321	423	450	3806
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 9

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.00	0.84	0.89	0.79	0.84	0.55	0.46	0.38	0.82	1.19	1.62	0.84	0.85
1957	1.01	1.01	0.72	0.95	0.59	0.55	0.34	0.48	0.69	1.12	1.04	1.46	0.83
1958	1.45	1.10	0.79	0.83	0.85	0.61	0.68	0.39	0.72	1.16	0.87	1.15	0.88
1959	1.19	0.89	0.99	0.90	0.79	0.44	0.48	0.58	0.84	0.63	1.24	1.36	0.86
1960	0.86	1.06	0.93	0.96	0.61	0.60	0.40	0.64	0.89	0.57	1.09	1.45	0.84
1961	1.02	0.92	0.73	0.80	0.61	0.54	0.48	0.46	0.78	1.47	0.87	0.97	0.80
1962	1.05	0.86	1.13	0.84	0.64	0.42	0.35	0.47	0.58	0.97	1.30	1.00	0.80
1963	1.06	0.99	0.86	0.85	0.71	0.52	0.49	0.36	0.73	1.54	1.42	0.97	0.87
1964	0.96	0.94	0.88	0.99	0.75	0.44	0.61	0.59	0.91	1.33	0.95	1.28	0.89
1965	0.99	1.10	0.84	0.64	0.74	0.72	0.42	0.45	1.12	0.89	1.13	1.23	0.85
1966	1.22	1.19	0.98	0.96	0.64	0.97	0.41	0.52	0.45	0.95	1.63	1.01	0.91
1967	0.95	1.07	0.95	0.97	0.66	0.51	0.49	0.44	0.76	1.06	1.30	1.05	0.85
1968	1.17	0.87	1.03	0.69	0.55	0.61	0.51	0.40	0.58	0.90	1.02	1.06	0.78
1969	1.24	1.27	1.14	0.92	0.79	0.45	0.43	0.50	0.72	1.28	1.40	0.91	0.92
1970	1.09	1.52	1.05	0.69	0.97	0.45	0.50	0.53	0.70	1.13	1.07	0.81	0.87
1971	0.95	1.15	0.86	0.72	0.54	0.37	0.45	0.47	0.70	0.56	1.32	1.21	0.77
1972	0.96	1.07	0.95	0.81	0.72	0.86	0.61	0.44	0.73	1.00	0.76	1.30	0.85
1973	1.09	1.24	1.07	1.11	0.53	0.54	0.33	0.54	0.59	1.24	0.97	1.07	0.86
1974	0.69	0.93	0.69	0.93	0.59	0.49	0.37	0.53	0.64	1.67	1.08	0.81	0.78
1975	1.13	0.69	0.99	0.89	0.44	0.35	0.57	0.57	0.74	0.82	1.56	1.46	0.85
MEAN	1.05	1.03	0.92	0.86	0.68	0.55	0.47	0.49	0.73	1.07	1.18	1.12	

STATION: 9

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	2211 3	21 6 0	24 736	23 718	20 7 7	17 610	18 6 7	8 4 3	20 7 3	40 9 4	5712 3	15 6 8	5712 3
1957	4110 4	28 8 4	17 530	24 7 9	19 7 8	15 617	6 319	11 5 5	14 6 7	37 9 3	40 9 4	32 8 1	4110 4
1958	6712 2	28 717	20 712	20 631	22 7 6	16 6 7	16 6 8	11 511	21 7 8	37 9 5	29 8 5	37 9 4	6712 2
1959	34 8 5	22 7 6	31 9 8	31 8 1	26 7 8	14 618	14 6 7	14 5 7	22 7 6	17 618	31 8 1	30 8 4	34 8 5
1960	26 8 0	33 819	29 8 0	29 8 3	1511 4	20 7 4	16 619	16 6 7	40 816	13 6 1	27 8 7	4410 2	4410 2
1961	35 9 6	23 6 9	20 618	26 818	20 7 8	13 6 4	9 4 7	12 5 8	18 612	37 9 4	16 5 3	28 8 6	37 9 4
1962	32 8 1	39 9 1	2415 3	21 7 2	21 7 7	9 5 8	7 4 9	9 5 8	1311 3	37 9 5	31 9 2	28 8 1	39 9 1
1963	27 8 5	26 817	32 9 3	29 8 5	24 7 9	12 6 2	14 6 9	16 6 9	21 619	5111 4	34 9 5	40 9 5	5111 4
1964	22 7 3	24 718	18 6 7	26 8 8	2311 3	9 4 8	18 612	17 611	24 8 8	33 918	30 8 7	33 8 7	33 8 7
1965	29 7 0	26 712	27 8 6	15 5 2	16 6 8	17 6 6	8 414	11 510	36 911	29 8 5	4610 6	31 7 3	4610 6
1966	31 8 6	31 818	22 7 6	27 8 7	16 6 8	38 911	16 617	13 7 2	14 6 7	28 711	4310 3	26 8 6	4310 3
1967	24 7 0	35 9 1	31 9 5	4310 5	16 6 7	12 513	11 5 8	9 4 6	17 9 3	27 8 4	4510 2	37 9 3	4510 2
1968	37 9 6	18 530	29 8 5	14 5 1	23 7 7	41 914	14 5 7	12 5 8	1311 4	31 811	31 8 2	32 9 4	41 914
1969	27 8 8	37 8 2	25 736	24 8 6	16 6 9	16 512	9 5 8	12 513	1412 3	34 9 8	37 9 6	31 818	37 9 6
1970	32 8 2	461018	28 818	18 6 5	19 714	16 610	12 5 7	24 8 9	16 6 8	31 8 8	4310 2	24 8 6	461018
1971	33 8 0	29 8 1	19 635	19 616	18 610	8 410	11 5 8	15 5 7	1710 3	1410 3	34 8 8	4610 5	4610 5
1972	35 9 2	29 8 4	26 8 4	23 7 5	22 7 8	37 913	14 5 8	9 511	13 8 3	27 8 6	19 6 7	35 8 2	37 913
1973	24 8 5	26 719	29 817	28 8 7	18 6 8	14 610	9 5 8	22 6 8	16 6 7	32 9 4	31 9 4	24 8 5	32 9 4
1974	15 6 9	29 8 2	17 6 7	29 8 9	16 610	28 718	8 410	12 5 9	1610 3	6012 4	22 7 5	22 7 9	6012 4
1975	27 8 7	19 619	24 810	29 8 9	11 513	9 511	1814 3	17 511	21 712	29 7 7	36 8 8	35 9 5	36 8 8
MAX	6712 2	461018	32 9 3	4310 5	26 7 8	41 914	1814 3	24 8 9	40 816	6012 4	5712 3	4610 5	

MAX Hmo(m): 6.7 MAX Tp(sec): 12. MAX Dp(deg): 18. DATE(gmt): 58010318

MAX WIND SPEED(m/sec): 18. MAX WIND DIRECTION(deg): 5. DATE(gmt): 58010318

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.25 N, LONG: 80.00 W, DEPTH: 183 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 10

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	475	478	631	836	1571	2313	2813	2410	1066	626	354	417	13990
0.50 - 0.99	2120	1926	2276	2262	2322	2013	1859	2320	2595	2009	1937	2021	25660
1.00 - 1.49	1318	1110	1336	1136	794	303	239	207	775	1147	1274	1274	10913
1.50 - 1.99	587	608	504	371	225	96	49	17	279	559	522	659	4476
2.00 - 2.49	280	241	165	155	44	28	.	6	49	302	327	339	1936
2.50 - 2.99	100	111	34	28	4	16	.	.	17	157	213	162	842
3.00 - 3.49	45	36	14	4	.	19	.	.	12	93	95	58	376
3.50 - 3.99	20	9	.	4	.	10	.	.	6	27	40	17	133
4.00 - 4.49	6	.	.	4	.	2	.	.	1	24	29	9	75
4.50 - 4.99	3	1	.	.	.	.	.	.	.	9	3	4	20
5.00 - 5.49	1	.	.	.	.	.	.	.	.	5	4	.	10
5.50 - 5.99	1	.	.	.	.	.	.	.	.	1	2	.	4
6.00 - 6.49	2	.	.	.	.	.	.	.	.	1	.	.	3
6.50 - 6.99	1	.	.	.	.	.	.	.	.	.	.	.	1
7.00 - 7.49	1	.	.	.	.	.	.	.	.	.	.	.	1
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 10

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	340	309	511	627	899	1579	2207	1750	680	372	221	322	9817
4.0 - 4.9	798	861	1123	985	1088	1223	1136	1385	1024	671	609	853	11756
5.0 - 5.9	863	803	999	998	824	437	570	626	816	655	766	873	9230
6.0 - 6.9	767	702	755	708	679	398	282	368	549	631	864	794	7497
7.0 - 7.9	576	378	352	418	326	381	225	283	444	876	643	529	5431
8.0 - 8.9	516	460	324	262	314	315	294	340	444	652	520	428	4869
9.0 - 9.9	270	277	185	168	296	250	141	153	410	487	349	369	3355
10.0 - 10.9	219	168	218	217	236	119	38	42	216	288	229	308	2298
11.0 - 11.9	243	236	196	167	174	72	22	9	132	198	258	232	1939
12.0 - 12.9	168	153	146	96	69	23	19	4	54	73	112	146	1063
13.0 - 13.9	113	87	67	104	28	3	18	.	7	42	130	62	661
14.0 - 14.9	64	65	33	42	16	.	8	.	7	13	65	38	351
15.0 - 15.9	15	7	24	8	7	.	.	.	7	2	26	5	101
16.0 - 16.9	7	3	16	.	4	.	.	.	7	.	7	1	45
17.0 - 17.9	1	5	6	.	.	.	.	.	2	.	1	.	15
18.0 - 18.9	.	6	2	.	.	.	.	.	1	.	.	.	9
19.0 - 19.9	.	.	3	.	.	.	.	.	.	.	.	.	3
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 10

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	454	500	469	347	161	46	31	86	82	233	382	502	3293
11.25 - 33.74 (22.5)	1364	1173	903	865	790	655	504	779	1533	1285	1225	1164	12240
33.75 - 56.24 (45.0)	1054	755	888	879	1140	863	483	657	1114	1908	1414	1228	12383
56.25 - 78.74 (67.5)	414	277	263	475	596	518	682	794	579	578	617	614	6407
78.75 - 101.24 (90.0)	376	299	430	722	867	706	1423	1228	594	362	551	455	8013
101.25 - 123.74 (112.5)	316	311	465	450	586	645	967	647	361	175	190	286	5399
123.75 - 146.24 (135.0)	214	178	292	261	224	474	397	349	195	137	76	162	2959
146.25 - 168.74 (157.5)	153	192	301	178	214	390	148	124	87	79	29	115	2010
168.75 - 191.24 (180.0)	120	280	269	188	133	199	124	95	121	68	53	69	1719
191.25 - 213.74 (202.5)	55	53	61	49	43	82	70	76	33	9	22	25	578
213.75 - 236.24 (225.0)	49	37	43	38	32	60	20	32	42	6	24	17	400
236.25 - 258.74 (247.5)	39	51	43	42	41	83	39	22	16	5	16	14	411
258.75 - 281.24 (270.0)	77	56	114	109	61	68	53	31	23	27	34	37	690
281.25 - 303.74 (292.5)	51	66	124	76	34	6	14	14	10	18	41	65	519
303.75 - 326.24 (315.0)	110	136	159	42	21	2	.	19	6	29	43	80	617
326.25 - 348.74 (337.5)	114	156	166	79	17	3	5	7	4	41	83	127	802
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.25 N, LONG: 80.00 W, DEPTH: 183 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 10 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1233	1915	64	11	.	.	.	.	.	.	3223
1.00 - 1.99	145	1525	165	9	.	.	.	.	.	.	1844
2.00 - 2.99	.	94	314	5	.	.	.	.	.	.	413
3.00 - 3.99	.	.	42	27	.	.	.	.	.	.	69
4.00 - 4.99	.	.	1	15	1	.	.	.	.	.	17
5.00 - 5.99	.	.	.	.	4	.	.	.	.	.	4
6.00 - 6.99	.	.	.	.	3	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1378	3534	586	67	9	0	0	0	0	0	5574

STATION: 10 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2572	3089	5249	3477	2049	662	105	22	3	.	17228
1.00 - 1.99	85	2172	1684	1573	858	308	32	1	.	.	6713
2.00 - 2.99	.	79	1097	92	63	42	9	1	.	.	1383
3.00 - 3.99	.	.	66	223	3	.	.	.	.	.	292
4.00 - 4.99	.	.	2	63	6	.	.	.	.	.	71
5.00 - 5.99	.	.	.	.	10	.	.	.	.	.	10
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2657	5340	8098	5428	2990	1012	146	24	3	0	25698

STATION: 10 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	8056	1394	177	70	3	.	.	.	.	.	9700
1.00 - 1.99	68	3699	317	.	.	.	.	.	.	.	4084
2.00 - 2.99	.	32	676	1	.	.	.	.	.	.	709
3.00 - 3.99	.	.	52	45	.	.	.	.	.	.	97
4.00 - 4.99	.	.	2	1	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8124	5125	1224	117	3	0	0	0	0	0	14593

STATION: 10 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4650	527	1	.	.	.	.	.	.	.	5178
1.00 - 1.99	29	918	57	.	.	.	.	.	.	.	1004
2.00 - 2.99	.	17	85	.	.	.	.	.	.	.	102
3.00 - 3.99	.	.	17	13	.	.	.	.	.	.	30
4.00 - 4.99	.	.	.	2	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4679	1462	160	15	0	0	0	0	0	0	6316

STATION: 10 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1781	313	6	.	.	.	.	.	.	.	2100
1.00 - 1.99	31	535	115	2	.	.	.	.	.	.	683
2.00 - 2.99	.	18	101	11	.	.	.	.	.	.	130
3.00 - 3.99	.	.	9	12	.	.	.	.	.	.	21
4.00 - 4.99	.	.	1	1	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1812	866	232	26	0	0	0	0	0	0	2936

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.25 N, LONG: 80.00 W, DEPTH: 183 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 10 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	653		.	.	.	.	.	.	.	.	653
1.00 - 1.99	177	19	.	.	.	.	.	.	.	.	196
2.00 - 2.99	.	1	.	.	.	.	.	.	.	.	1
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	830	20	0	0	0	0	0	0	0	0	850

STATION: 10 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	969		.	.	.	.	.	.	.	.	969
1.00 - 1.99	197	28	.	.	.	.	.	.	.	.	225
2.00 - 2.99	.	1	.	.	.	.	.	.	.	.	1
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1166	29	0	0	0	0	0	0	0	0	1195

STATION: 10 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	599		.	.	.	.	.	.	.	.	599
1.00 - 1.99	328	312	.	.	.	.	.	.	.	.	640
2.00 - 2.99	.	39	.	.	.	.	.	.	.	.	39
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	927	351	0	0	0	0	0	0	0	0	1278

STATION: 10 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	20513	7238	5497	3558	2052	662	105	22	3	.	39650
1.00 - 1.99	1060	9208	2338	1584	858	308	32	1	.	.	15389
2.00 - 2.99	.	281	2273	109	63	42	9	1	.	.	2778
3.00 - 3.99	.	.	186	320	3	.	.	.	.	.	509
4.00 - 4.99	.	.	6	82	7	.	.	.	.	.	95
5.00 - 5.99	.	.	.	.	14	.	.	.	.	.	14
6.00 - 6.99	.	.	.	.	4	.	.	.	.	.	4
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	21573	16727	10300	5653	3002	1012	146	24	3	0	58440

STATION: 10

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	236	213	217	274	512	598	605	587	462	267	186	185	4342
2.50 - 4.99	2131	1931	2163	2272	2784	3297	3607	3543	2908	2351	1924	1875	30786
5.00 - 7.49	1303	1150	1547	1387	1225	606	662	758	1062	1188	1258	1492	13638
7.50 - 9.99	916	868	827	760	426	246	86	70	327	805	977	1054	7362
10.00 - 12.49	273	275	159	83	9	37	.	2	32	266	341	285	1762
12.50 - 14.99	94	81	47	19	4	16	.	.	9	80	108	65	523
15.00 - 17.49	4	2	.	5	.	.	.	.	.	3	6	4	24
17.50 - 19.99	3	.	.	.	.	.	.	.	.	.	.	.	3
20.00 - GREATER													0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.25 N, LONG: 80.00 W, DEPTH: 183 M

STATION: 10

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	661	544	471	387	262	94	61	151	285	662	757	696	5031
22.50 - 67.49 (45.0)	1143	733	692	766	737	510	361	687	1186	1815	1467	1387	11484
67.50 - 112.49 (90.0)	1085	865	1047	1451	1759	1533	2206	1994	1642	1202	1234	1216	17234
112.50 - 157.49 (135.0)	660	685	914	789	803	1049	1098	974	770	444	349	522	9057
157.50 - 202.49 (180.0)	356	469	553	431	484	616	568	461	303	154	151	246	4792
202.50 - 247.49 (225.0)	265	329	329	262	324	495	354	334	251	146	173	174	3436
247.50 - 292.49 (270.0)	305	340	403	386	333	328	231	200	187	203	235	219	3370
292.50 - 337.49 (315.0)	485	555	551	328	258	175	81	159	176	334	434	500	4036
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 10

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.03	0.85	0.91	0.81	0.87	0.55	0.45	0.39	0.85	1.24	1.63	0.84	0.87
1957	1.03	1.04	0.75	0.98	0.61	0.58	0.35	0.50	0.72	1.16	1.07	1.46	0.85
1958	1.48	1.13	0.81	0.86	0.86	0.62	0.67	0.40	0.74	1.21	0.89	1.19	0.90
1959	1.22	0.91	1.03	0.93	0.80	0.45	0.49	0.59	0.88	0.65	1.30	1.39	0.89
1960	0.87	1.10	0.96	0.97	0.63	0.61	0.41	0.65	0.93	0.60	1.10	1.47	0.86
1961	1.05	0.94	0.74	0.82	0.63	0.55	0.47	0.47	0.80	1.53	0.92	0.96	0.82
1962	1.08	0.89	1.18	0.85	0.65	0.43	0.35	0.47	0.59	0.99	1.33	1.00	0.82
1963	1.09	1.02	0.87	0.85	0.74	0.52	0.48	0.37	0.77	1.58	1.43	1.00	0.89
1964	0.98	0.97	0.91	0.99	0.78	0.44	0.61	0.59	0.95	1.36	0.99	1.30	0.91
1965	1.00	1.12	0.85	0.66	0.73	0.73	0.42	0.44	1.15	0.93	1.15	1.25	0.87
1966	1.25	1.21	0.99	0.96	0.66	0.99	0.42	0.53	0.47	1.01	1.68	1.03	0.93
1967	0.97	1.09	0.99	1.00	0.67	0.54	0.48	0.45	0.80	1.11	1.32	1.07	0.87
1968	1.18	0.91	1.04	0.72	0.56	0.61	0.50	0.41	0.62	0.93	1.02	1.06	0.80
1969	1.27	1.32	1.15	0.94	0.82	0.46	0.43	0.52	0.74	1.35	1.42	0.93	0.94
1970	1.11	1.53	1.06	0.71	0.98	0.48	0.50	0.54	0.72	1.19	1.09	0.82	0.89
1971	0.96	1.16	0.88	0.73	0.55	0.37	0.45	0.49	0.74	0.58	1.34	1.25	0.79
1972	0.97	1.09	0.97	0.83	0.76	0.87	0.61	0.44	0.76	1.04	0.78	1.32	0.87
1973	1.11	1.27	1.09	1.12	0.54	0.55	0.35	0.54	0.60	1.27	0.97	1.07	0.87
1974	0.69	0.95	0.69	0.93	0.59	0.49	0.37	0.52	0.66	1.71	1.09	0.82	0.79
1975	1.16	0.71	1.01	0.91	0.46	0.36	0.58	0.56	0.76	0.83	1.56	1.50	0.87
MEAN	1.08	1.06	0.94	0.88	0.69	0.56	0.47	0.49	0.76	1.11	1.20	1.14	

STATION: 10

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	23 532	20 610	25 8 1	25 718	22 7 7	17 610	16 6 7	7 432	22 7 4	42 9 4	5712 3	15 531	5712 3
1957	4110 4	29 8 5	18 529	24 7 9	20 7 8	15 617	6 419	11 8 3	15 6 7	35 9 3	40 9 5	31 8 1	4110 4
1958	7112 2	27 717	21 712	21 630	19 7 6	17 6 7	16 6 8	11 510	21 7 8	37 9 5	31 8 5	37 9 4	7112 2
1959	36 9 5	22 7 5	34 9 8	31 9 2	26 7 8	16 618	14 6 7	14 6 7	23 7 6	16 618	31 8 1	31 8 5	36 9 5
1960	26 8 0	33 819	31 8 0	29 8 4	1611 4	21 7 4	16 620	16 6 7	40 816	13 6 2	26 8 7	4410 3	4410 3
1961	37 9 6	25 710	21 618	26 818	22 7 8	13 6 4	9 4 7	12 5 8	18 9 3	40 9 4	16 5 2	28 7 5	40 9 4
1962	32 8 1	39 9 1	2415 4	22 7 2	21 7 7	9 5 8	6 410	9 4 8	1411 3	37 9 5	32 9 1	27 8 1	39 9 1
1963	27 8 5	26 817	33 9 4	29 8 5	26 7 9	13 6 4	12 5 7	14 6 9	21 618	5111 5	34 9 5	42 9 5	5111 5
1964	23 7 2	25 716	18 6 1	26 8 8	2411 3	8 4 8	18 612	17 610	22 7 8	30 918	32 9 5	31 7 7	32 9 5
1965	30 7 0	26 713	29 8 5	15 5 2	16 6 8	17 6 6	8 414	10 510	38 911	29 8 7	4410 7	32 8 2	4410 7
1966	31 736	34 917	22 7 7	27 8 8	17 6 9	37 911	16 617	14 8 3	14 6 7	33 8 9	42 9 3	26 8 6	42 9 3
1967	24 635	35 9 1	31 8 5	4310 5	16 6 7	14 613	11 510	11 5 8	17 9 3	29 8 4	4610 2	37 9 3	4610 2
1968	38 8 5	19 532	28 7 3	14 5 1	24 7 7	41 913	12 5 7	12 5 8	1310 4	31 811	30 8 2	32 9 4	41 913
1969	26 8 7	37 8 2	25 736	24 8 6	17 6 8	16 512	9 5 8	12 514	1412 3	37 9 8	38 9 6	31 818	38 9 6
1970	33 8 2	461018	24 719	17 6 4	20 713	17 6 8	12 5 7	24 8 9	17 6 8	32 8 6	4310 2	24 8 7	461018
1971	33 8 0	29 8 0	20 635	19 616	18 611	7 410	11 5 8	15 6 7	1810 3	14 9 3	34 8 8	4911 5	4911 5
1972	36 9 2	29 8 4	27 8 4	24 7 5	22 7 8	37 913	14 6 8	9 511	14 8 3	29 8 6	19 7 6	35 9 4	37 913
1973	24 8 5	27 7 0	31 817	28 7 7	18 6 8	16 610	9 5 8	22 6 8	14 6 7	33 9 4	32 9 4	22 636	33 9 4
1974	15 6 8	29 8 2	17 6 7	29 8 9	16 610	28 718	8 4 9	12 5 8	17 9 3	6012 4	21 6 8	22 7 9	6012 4
1975	27 8 7	22 719	24 711	29 810	11 412	9 512	1813 3	17 612	21 712	29 7 7	36 9 7	35 9 6	36 9 7
MAX	7112 2	461018	34 9 8	4310 5	26 7 9	41 913	1813 3	24 8 9	40 816	6012 4	5712 3	4911 5	

MAX Hmo(m): 7.1 MAX Tp(sec): 12. MAX Dp(deg): 22. DATE(gmt): 58010318

MAX WIND SPEED(m/sec): 19. MAX WIND DIRECTION(deg): 5. DATE(gmt): 58010318

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.50 N, LONG: 80.00 W, DEPTH: 90 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 11

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	426	452	580	782	1468	2193	2825	2360	964	564	304	402	13320
0.50 - 0.99	2068	1886	2256	2306	2399	2120	1871	2378	2582	1937	1883	1993	25679
1.00 - 1.49	1380	1107	1353	1161	806	310	215	193	836	1202	1345	1289	11197
1.50 - 1.99	599	648	542	375	234	100	49	24	315	600	568	685	4739
2.00 - 2.49	297	262	165	135	48	33	.	5	65	313	322	334	1979
2.50 - 2.99	105	120	50	29	5	14	.	.	12	177	201	156	869
3.00 - 3.49	42	30	13	4	.	18	.	.	17	92	98	67	381
3.50 - 3.99	28	12	1	4	.	10	.	.	6	36	43	20	160
4.00 - 4.49	4	2	.	3	.	2	.	.	3	20	26	9	69
4.50 - 4.99	4	1	.	1	.	.	.	.	.	8	5	4	23
5.00 - 5.49	1	.	.	.	.	.	.	.	.	9	3	1	14
5.50 - 5.99	1	.	.	.	.	.	.	.	.	1	2	.	4
6.00 - 6.49	3	.	.	.	.	.	.	.	.	1	.	.	4
6.50 - 6.99	1	.	.	.	.	.	.	.	.	.	.	.	1
7.00 - 7.49	1	.	.	.	.	.	.	.	.	.	.	.	1
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 11

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	293	290	432	561	782	1477	2044	1557	557	313	185	273	8764
4.0 - 4.9	739	845	1085	942	1037	1150	1076	1300	970	613	573	796	11126
5.0 - 5.9	801	750	986	960	780	453	524	624	824	598	728	790	8818
6.0 - 6.9	781	738	746	753	694	421	279	367	550	644	836	787	7596
7.0 - 7.9	599	373	369	393	331	436	291	379	479	920	695	502	5767
8.0 - 8.9	548	458	348	264	378	364	404	455	522	699	494	458	5392
9.0 - 9.9	267	256	214	212	355	266	223	207	420	517	357	426	3720
10.0 - 10.9	225	200	212	238	290	136	44	53	247	299	259	344	2547
11.0 - 11.9	280	261	197	195	172	68	23	9	140	199	269	261	2074
12.0 - 12.9	195	155	168	108	69	27	19	5	53	85	149	195	1228
13.0 - 13.9	116	81	94	111	38	2	22	4	11	44	131	61	715
14.0 - 14.9	75	82	44	56	17	.	11	.	8	22	75	55	445
15.0 - 15.9	26	12	34	7	9	.	.	.	7	6	35	11	147
16.0 - 16.9	12	1	17	.	5	.	.	.	7	1	11	1	55
17.0 - 17.9	2	8	4	.	1	.	.	.	2	.	2	.	19
18.0 - 18.9	1	7	8	.	2	.	.	.	2	.	1	.	21
19.0 - 19.9	.	3	1	.	.	.	.	.	1	.	.	.	5
20.0 - LONGER	.	.	1	.	.	.	.	.	.	.	.	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 11

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	432	481	434	342	136	45	26	64	66	210	359	445	3040
11.25 - 33.74 (22.5)	1146	930	770	749	621	584	412	706	1186	1035	989	903	10031
33.75 - 56.24 (45.0)	1419	1012	1076	1123	1432	956	563	706	1651	2241	1707	1615	15501
56.25 - 78.74 (67.5)	468	341	377	517	708	694	967	1108	551	655	716	688	7790
78.75 - 101.24 (90.0)	257	230	306	562	668	557	1102	971	507	230	412	324	6126
101.25 - 123.74 (112.5)	257	277	390	408	601	586	942	629	327	194	188	243	5042
123.75 - 146.24 (135.0)	214	212	340	292	218	493	437	321	173	112	89	169	3070
146.25 - 168.74 (157.5)	157	192	291	189	200	365	149	139	84	70	35	118	1989
168.75 - 191.24 (180.0)	116	296	296	174	130	193	132	109	123	70	54	77	1770
191.25 - 213.74 (202.5)	52	47	59	47	48	86	79	71	31	10	21	18	569
213.75 - 236.24 (225.0)	45	41	45	43	25	74	25	38	37	6	28	21	428
236.25 - 258.74 (247.5)	39	42	42	40	38	81	46	23	25	7	13	18	414
258.75 - 281.24 (270.0)	70	53	115	111	63	75	59	36	24	24	25	39	694
281.25 - 303.74 (292.5)	61	78	121	77	33	6	12	16	8	30	40	67	549
303.75 - 326.24 (315.0)	111	139	148	47	20	1	3	15	4	28	45	81	642
326.25 - 348.74 (337.5)	116	149	150	79	19	4	6	8	3	38	79	134	785
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.50 N, LONG: 80.00 W, DEPTH: 90 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 11 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1060	1626	45	.	.	.	.	.	.	.	2731
1.00 - 1.99	150	1527	156	5	.	.	.	.	.	.	1838
2.00 - 2.99	.	105	289	7	.	.	.	.	.	.	401
3.00 - 3.99	.	.	43	22	.	.	.	.	.	.	65
4.00 - 4.99	.	.	.	10	.	.	.	.	.	.	10
5.00 - 5.99	.	.	.	.	3	.	.	.	.	.	3
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1210	3258	533	44	3	0	0	0	0	0	5048

STATION: 11 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2456	3508	5837	3803	2210	734	136	40	6	.	18730
1.00 - 1.99	102	2162	2316	1760	960	383	51	.	.	.	7734
2.00 - 2.99	.	88	1177	155	88	42	15	.	.	.	1565
3.00 - 3.99	.	.	71	256	9	1	.	.	.	.	337
4.00 - 4.99	.	.	.	65	8	.	.	.	.	.	73
5.00 - 5.99	.	.	.	1	14	.	.	.	.	.	15
6.00 - 6.99	.	.	.	.	5	.	.	.	.	.	5
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2558	5758	9401	6040	3295	1160	202	40	6	0	28460

STATION: 11 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	6697	911	277	135	4	.	.	.	.	.	8024
1.00 - 1.99	89	3188	79	1	.	.	.	.	.	.	3357
2.00 - 2.99	.	143	395	.	.	.	.	.	.	.	538
3.00 - 3.99	.	.	77	14	.	.	.	.	.	.	91
4.00 - 4.99	.	.	.	4	.	.	.	.	.	.	4
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6786	4242	828	154	4	0	0	0	0	0	12014

STATION: 11 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4593	599	1	.	.	.	.	.	.	.	5193
1.00 - 1.99	30	1107	30	.	.	.	.	.	.	.	1167
2.00 - 2.99	.	59	66	.	.	.	.	.	.	.	125
3.00 - 3.99	.	.	21	5	.	.	.	.	.	.	26
4.00 - 4.99	.	.	2	1	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4623	1765	120	6	0	0	0	0	0	0	6514

STATION: 11 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1742	352	8	.	.	.	.	.	.	.	2102
1.00 - 1.99	34	555	125	3	.	.	.	.	.	.	717
2.00 - 2.99	.	20	129	11	.	.	.	.	.	.	160
3.00 - 3.99	.	.	15	7	.	.	.	.	.	.	22
4.00 - 4.99	.	.	.	2	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1776	927	277	23	0	0	0	0	0	0	3003

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.50 N LONG: 80.00 W DEPTH: 90 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 11 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	669	.	.	.	.	.	.	.	.	.	669
1.00 - 1.99	182	27	.	.	.	.	.	.	.	.	209
2.00 - 2.99	.	1	.	.	.	.	.	.	.	.	1
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	851	28	0	0	0	0	0	0	0	0	879

STATION: 11 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	978	.	.	.	.	.	.	.	.	.	978
1.00 - 1.99	203	32	.	.	.	.	.	.	.	.	235
2.00 - 2.99	.	3	.	.	.	.	.	.	.	.	3
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1181	35	0	0	0	0	0	0	0	0	1216

STATION: 11 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	572	.	.	.	.	.	.	.	.	.	572
1.00 - 1.99	333	346	.	.	.	.	.	.	.	.	679
2.00 - 2.99	.	55	.	.	.	.	.	.	.	.	55
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	905	401	0	0	0	0	0	0	0	0	1306

STATION: 11 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	18767	6996	6168	3938	2214	734	136	40	6	.	38999
1.00 - 1.99	1123	8944	2706	1769	960	383	51	.	.	.	15936
2.00 - 2.99	.	474	2056	173	88	42	15	.	.	.	2848
3.00 - 3.99	.	.	227	304	9	1	.	.	.	.	541
4.00 - 4.99	.	.	2	82	8	.	.	.	.	.	92
5.00 - 5.99	.	.	.	1	17	.	.	.	.	.	18
6.00 - 6.99	.	.	.	.	5	.	.	.	.	.	5
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	19890	16414	11159	6267	3302	1160	202	40	6	0	58440

STATION: 11

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	255	233	225	285	513	614	635	615	472	272	184	184	4487
2.50 - 4.99	2090	1871	2113	2241	2775	3242	3587	3536	2826	2283	1902	1887	30353
5.00 - 7.49	1343	1155	1548	1376	1212	641	653	729	1110	1212	1279	1479	13737
7.50 - 9.99	879	881	845	787	440	246	85	77	346	808	982	1034	7410
10.00 - 12.49	278	286	175	84	15	40	.	3	32	292	330	294	1829
12.50 - 14.99	107	90	54	22	5	17	.	.	14	88	112	76	585
15.00 - 17.49	4	4	.	4	.	.	.	.	.	5	11	5	33
17.50 - 19.99	4	.	.	1	.	.	.	.	.	.	.	1	6
20.00 - GREATER													0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.50 N, LONG: 80.00 W, DEPTH: 90 M

STATION: 11

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION	WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	660	522	459	373	245	100	68	152	298	674	747	669	4967
22.50 - 67.49	(45.0)	1114	714	673	752	732	502	370	682	1175	1800	1453	1370	11337
67.50 - 112.49	(90.0)	1031	837	1022	1433	1689	1487	2097	1930	1604	1171	1194	1199	16694
112.50 - 157.49	(135.0)	655	674	887	783	816	1032	1111	956	771	441	368	486	8980
157.50 - 202.49	(180.0)	374	474	562	443	498	586	589	477	292	152	150	291	4888
202.50 - 247.49	(225.0)	281	348	368	259	336	548	401	391	280	155	176	175	3718
247.50 - 292.49	(270.0)	336	373	428	428	380	382	257	219	205	227	257	274	3766
292.50 - 337.49	(315.0)	509	578	561	329	264	163	67	153	175	340	455	496	4090
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 11

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.07	0.86	0.92	0.82	0.89	0.57	0.44	0.39	0.89	1.29	1.63	0.84	0.88
1957	1.05	1.07	0.76	0.99	0.61	0.60	0.36	0.52	0.74	1.19	1.10	1.46	0.87
1958	1.53	1.18	0.84	0.89	0.86	0.63	0.65	0.42	0.74	1.25	0.88	1.23	0.92
1959	1.25	0.94	1.06	0.93	0.78	0.46	0.49	0.59	0.94	0.68	1.35	1.41	0.91
1960	0.89	1.15	0.98	0.97	0.66	0.62	0.42	0.65	0.98	0.62	1.10	1.48	0.87
1961	1.07	0.95	0.75	0.83	0.64	0.56	0.44	0.47	0.82	1.57	0.96	0.95	0.83
1962	1.11	0.91	1.23	0.85	0.68	0.44	0.35	0.47	0.61	1.01	1.36	1.01	0.84
1963	1.12	1.05	0.87	0.86	0.76	0.53	0.47	0.37	0.82	1.64	1.42	1.03	0.91
1964	1.00	0.99	0.93	0.98	0.80	0.44	0.61	0.59	0.99	1.39	1.01	1.33	0.92
1965	1.02	1.15	0.86	0.68	0.70	0.74	0.42	0.43	1.19	0.97	1.17	1.26	0.88
1966	1.26	1.23	1.01	0.95	0.67	1.00	0.44	0.54	0.47	1.06	1.72	1.05	0.95
1967	0.99	1.11	1.01	1.02	0.68	0.56	0.47	0.45	0.85	1.16	1.34	1.09	0.89
1968	1.18	0.97	1.05	0.75	0.57	0.61	0.48	0.40	0.65	0.98	1.00	1.05	0.81
1969	1.29	1.37	1.16	0.94	0.85	0.48	0.43	0.54	0.77	1.41	1.45	0.95	0.97
1970	1.15	1.56	1.07	0.73	0.98	0.50	0.50	0.54	0.73	1.26	1.13	0.83	0.91
1971	0.98	1.17	0.91	0.73	0.56	0.37	0.44	0.50	0.79	0.61	1.35	1.29	0.81
1972	1.00	1.10	0.98	0.82	0.80	0.89	0.60	0.45	0.78	1.09	0.81	1.31	0.89
1973	1.13	1.29	1.10	1.14	0.55	0.56	0.37	0.54	0.61	1.30	0.97	1.06	0.88
1974	0.68	0.97	0.70	0.91	0.60	0.50	0.37	0.52	0.68	1.74	1.10	0.83	0.80
1975	1.18	0.72	1.05	0.92	0.48	0.38	0.60	0.54	0.79	0.83	1.53	1.54	0.88
MEAN	1.10	1.09	0.96	0.89	0.71	0.57	0.47	0.50	0.79	1.15	1.22	1.15	

STATION: 11

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	2311 3	20 6 0	27 8 1	25 718	22 7 6	18 610	15 6 7	7 7 3	22 7 4	42 9 4	5712 4	16 6 7	5712 4
1957	4110 5	29 8 5	18 530	24 7 9	19 6 8	16 616	7 418	12 8 3	16 6 7	34 9 4	40 9 5	31 8 1	4110 5
1958	7012 3	29 819	23 613	20 531	20 7 6	18 6 7	15 6 8	11 510	21 7 8	37 9 6	31 8 6	37 9 4	7012 3
1959	39 9 5	23 7 3	34 7 8	31 8 2	27 7 7	15 618	14 6 7	14 6 7	24 8 6	16 618	34 9 1	32 9 4	39 9 5
1960	28 8 0	35 819	33 836	29 8 4	1811 4	22 7 5	18 719	18 6 7	39 814	14 7 3	25 7 7	4310 3	4310 3
1961	37 9 6	24 711	21 619	26 819	21 7 8	14 6 4	9 4 7	12 5 8	19 9 3	3910 4	18 616	26 7 6	3910 4
1962	32 8 1	40 9 1	2615 5	22 7 2	22 7 7	9 5 8	6 413	9 5 9	1511 3	34 9 5	34 9 1	27 8 1	40 9 1
1963	29 8 5	28 717	35 9 4	29 8 5	27 7 8	14 6 5	14 6 8	14 6 9	22 718	5311 5	34 9 5	45 9 6	5311 5
1964	24 7 4	26 818	18 6 1	25 7 8	2511 3	8 4 8	18 612	16 6 9	23 7 8	30 918	34 9 6	33 7 7	34 9 6
1965	29 8 0	26 813	29 8 5	15 5 2	16 6 9	17 6 5	8 6 2	11 5 9	4310 3	30 9 7	4410 7	31 8 2	4410 7
1966	32 736	36 917	22 7 7	24 7 7	18 6 8	36 813	18 615	15 8 3	14 6 7	35 7 8	42 9 4	25 8 6	42 9 4
1967	24 635	34 9 1	29 8 5	4510 6	16 6 7	14 613	11 511	11 5 8	18 618	29 8 5	4610 3	37 9 3	4610 3
1968	38 9 5	19 532	29 7 4	15 5 1	24 7 6	41 914	12 5 7	14 6 8	1513 5	31 710	28 7 2	32 9 4	41 914
1969	28 7 4	38 8 2	25 736	22 7 7	17 610	16 512	10 5 8	12 514	1512 4	33 7 8	4010 7	33 818	4010 7
1970	31 8 2	461018	26 712	18 6 4	20 614	17 6 8	12 5 7	24 7 9	17 6 8	34 8 7	4610 3	24 8 7	4610 3
1971	33 8 0	29 8 0	21 635	21 616	18 611	8 4 8	11 4 8	16 6 7	2010 4	15 9 3	30 7 8	5011 5	5011 5
1972	38 8 2	29 8 4	27 8 4	24 7 7	23 7 8	37 812	14 5 8	9 511	14 8 3	29 8 6	19 6 7	35 9 4	38 8 2
1973	25 7 0	27 7 1	31 817	28 7 7	16 611	16 610	9 5 8	22 6 8	14 6 8	35 9 4	34 8 5	22 636	35 9 4
1974	14 6 9	31 8 0	17 7 5	28 7 9	17 615	27 718	8 4 9	12 510	1810 3	6012 5	22 6 8	21 7 9	6012 5
1975	27 8 7	24 719	23 711	28 710	11 412	8 412	1914 4	17 612	22 712	29 7 7	33 7 9	35 9 6	35 9 6
MAX	7012 3	461018	35 9 4	4510 6	27 7 8	41 914	1914 4	24 7 9	4310 3	6012 5	5712 4	5011 5	

MAX Hmo(m): 7.0 MAX Tp(sec): 12. MAX Dp(deg): 25. DATE(gmt): 58010318

MAX WIND SPEED(m/sec): 19. MAX WIND DIRECTION(deg): 10. DATE(gmt): 58010318

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.75 N, LONG: 80.00 W, DEPTH: 45 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 12

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	371	390	509	695	1321	2061	2725	2294	820	456	244	355	12241
0.50 - 0.99	1981	1835	2225	2272	2476	2210	1969	2426	2558	1871	1768	1897	25488
1.00 - 1.49	1427	1129	1385	1233	832	344	211	208	938	1257	1437	1371	11772
1.50 - 1.99	656	681	566	403	266	102	42	28	339	659	611	697	5050
2.00 - 2.49	331	309	194	156	55	42	13	4	105	346	349	358	2262
2.50 - 2.99	107	130	64	27	10	18	.	.	11	203	197	171	938
3.00 - 3.49	50	29	15	6	.	16	.	.	18	90	122	73	419
3.50 - 3.99	22	12	2	5	.	7	.	.	7	41	44	26	166
4.00 - 4.49	4	5	.	3	.	.	.	.	3	19	18	6	58
4.50 - 4.99	3	.	.	.	.	.	.	.	1	10	5	5	24
5.00 - 5.49	2	.	.	.	.	.	.	.	.	7	5	1	15
5.50 - 5.99	2	.	.	.	.	.	.	.	.	1	.	.	3
6.00 - 6.49	4	.	.	.	.	.	.	.	.	.	.	.	4
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 12

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	238	255	355	505	670	1288	1673	1301	459	275	159	230	7408
4.0 - 4.9	675	758	998	865	973	1088	1052	1253	890	550	503	714	10319
5.0 - 5.9	745	724	964	932	750	478	525	666	841	549	649	728	8551
6.0 - 6.9	781	726	731	747	699	448	288	375	565	661	874	767	7662
7.0 - 7.9	616	380	393	393	332	472	355	418	486	874	615	474	5808
8.0 - 8.9	582	486	384	299	434	428	628	568	564	774	564	496	6207
9.0 - 9.9	281	265	223	235	438	326	301	281	507	556	406	470	4289
10.0 - 10.9	223	189	230	274	308	164	63	64	242	304	255	376	2692
11.0 - 11.9	307	295	218	214	197	83	26	20	137	232	302	297	2328
12.0 - 12.9	239	190	213	118	75	23	17	10	67	86	173	190	1401
13.0 - 13.9	132	118	118	160	47	2	20	3	14	60	160	131	965
14.0 - 14.9	83	81	47	45	17	.	11	1	7	29	75	66	462
15.0 - 15.9	35	30	45	12	10	.	1	.	7	8	44	17	209
16.0 - 16.9	19	4	18	1	6	.	.	.	7	2	16	4	77
17.0 - 17.9	3	7	13	.	2	.	.	.	4	.	4	.	33
18.0 - 18.9	1	8	6	.	2	.	.	.	1	.	1	.	19
19.0 - 19.9	.	2	1	.	.	.	.	.	2	.	.	.	5
20.0 - LONGER	.	2	3	.	.	.	.	.	.	.	.	.	5
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 12

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	414	468	425	334	107	37	22	55	47	188	330	410	2837
11.25 - 33.74 (22.5)	897	729	610	567	470	478	302	560	768	792	735	705	7613
33.75 - 56.24 (45.0)	1586	1206	1272	1320	1539	1105	580	830	2065	2408	1865	1805	17581
56.25 - 78.74 (67.5)	700	465	518	650	970	893	1509	1415	717	831	947	872	10487
78.75 - 101.24 (90.0)	199	181	244	486	580	478	874	809	429	191	344	225	5040
101.25 - 123.74 (112.5)	193	243	283	348	505	482	745	534	270	162	147	201	4113
123.75 - 146.24 (135.0)	208	195	340	272	236	466	371	297	171	104	91	138	2889
146.25 - 168.74 (157.5)	148	198	269	185	176	320	153	120	77	66	29	132	1873
168.75 - 191.24 (180.0)	123	297	316	180	119	191	133	116	109	61	57	83	1785
191.25 - 213.74 (202.5)	50	51	56	43	61	94	95	85	34	14	18	15	616
213.75 - 236.24 (225.0)	48	41	48	40	28	53	33	50	41	7	29	23	441
236.25 - 258.74 (247.5)	37	35	49	54	32	113	55	20	31	5	10	23	464
258.75 - 281.24 (270.0)	65	61	114	119	57	79	63	38	25	27	26	44	718
281.25 - 303.74 (292.5)	61	77	124	62	38	5	14	12	12	28	41	70	544
303.75 - 326.24 (315.0)	114	138	149	58	26	3	5	15	2	29	47	92	678
326.25 - 348.74 (337.5)	117	135	143	82	16	3	6	4	2	47	84	122	761
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.75 N LONG: 80.00 W DEPTH: 45 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 12 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	887	1391	50	.	.	.	.	.	.	.	2328
1.00 - 1.99	135	1504	123	5	.	.	.	.	.	.	1767
2.00 - 2.99	.	123	268	9	.	.	.	.	.	.	400
3.00 - 3.99	.	.	59	21	.	.	.	.	.	.	80
4.00 - 4.99	.	.	.	8	.	.	.	.	.	.	8
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1022	3018	500	43	0	0	0	0	0	0	4583

STATION: 12 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2211	3742	6206	4170	2373	809	178	44	10	.	19743
1.00 - 1.99	111	2206	2963	1961	1176	498	84	1	.	.	9000
2.00 - 2.99	.	100	1168	269	124	69	13	2	.	.	1745
3.00 - 3.99	.	.	75	290	14	14	4	.	.	.	397
4.00 - 4.99	.	.	.	56	14	.	.	.	.	.	70
5.00 - 5.99	.	.	.	1	17	.	.	.	.	.	18
6.00 - 6.99	.	.	.	.	4	.	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2322	6048	10412	6747	3722	1390	279	47	10	0	30977

STATION: 12 (67.50 - 112.49) 90. DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5606	761	358	137	7	27	5	3	.	.	6904
1.00 - 1.99	93	2738	72	.	.	10	2	2	.	.	2917
2.00 - 2.99	.	484	156	1	.	.	.	.	.	.	641
3.00 - 3.99	.	.	35	25	.	.	.	.	.	.	60
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5699	3983	621	163	7	37	7	5	0	0	10522

STATION: 12 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3908	555	1	.	.	.	.	.	.	.	4464
1.00 - 1.99	42	1113	56	.	.	.	.	.	.	.	1211
2.00 - 2.99	.	24	109	3	.	.	.	.	.	.	136
3.00 - 3.99	.	.	20	10	.	.	.	.	.	.	30
4.00 - 4.99	.	.	1	.	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3950	1692	187	13	0	0	0	0	0	0	5842

STATION: 12 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1684	355	11	.	.	.	.	.	.	.	2050
1.00 - 1.99	37	582	124	2	.	.	.	.	.	.	745
2.00 - 2.99	.	20	144	5	.	.	.	.	.	.	169
3.00 - 3.99	.	.	13	5	.	.	.	.	.	.	18
4.00 - 4.99	.	.	.	3	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1721	957	292	15	0	0	0	0	0	0	2985

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.75 N, LONG: 80.00 W, DEPTH: 45 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 12 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	710	2	.	.	.	.	.	.	.	.	712
1.00 - 1.99	195	37	.	.	.	.	.	.	.	.	232
2.00 - 2.99	.	1	.	.	.	.	.	.	.	.	1
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	905	40	0	0	0	0	0	0	0	0	945

STATION: 12 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	995	.	.	.	.	.	.	.	.	.	995
1.00 - 1.99	223	34	.	.	.	.	.	.	.	.	257
2.00 - 2.99	.	6	.	.	.	.	.	.	.	.	6
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1218	40	0	0	0	0	0	0	0	0	1258

STATION: 12 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	529	1	3	.	.	.	.	.	.	.	533
1.00 - 1.99	361	332	.	.	.	.	.	.	.	.	693
2.00 - 2.99	.	102	.	.	.	.	.	.	.	.	102
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	890	435	3	0	0	0	0	0	0	0	1328

STATION: 12 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	16530	6807	6629	4307	2380	836	183	47	10	.	37729
1.00 - 1.99	1197	8546	3338	1968	1176	508	86	3	.	.	16822
2.00 - 2.99	.	860	1845	287	124	69	13	2	.	.	3200
3.00 - 3.99	.	.	202	351	14	14	4	.	.	.	585
4.00 - 4.99	.	.	1	67	14	.	.	.	.	.	82
5.00 - 5.99	.	.	.	1	17	.	.	.	.	.	18
6.00 - 6.99	.	.	.	.	4	.	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	17727	16213	12015	6981	3729	1427	286	52	10	0	58440

STATION: 12

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	285	237	235	304	526	613	711	681	497	289	189	204	4771
2.50 - 4.99	2038	1826	2080	2211	2749	3192	3516	3465	2748	2230	1867	1872	29794
5.00 - 7.49	1332	1142	1529	1360	1184	685	641	725	1130	1206	1292	1466	13692
7.50 - 9.99	869	888	851	801	469	247	92	86	362	799	984	1005	7453
10.00 - 12.49	303	305	197	89	27	43	.	3	45	329	336	314	1991
12.50 - 14.99	120	117	66	30	5	20	.	.	18	100	119	90	685
15.00 - 17.49	9	5	2	4	.	.	.	.	.	7	12	8	47
17.50 - 19.99	4	.	.	1	.	.	.	.	.	.	1	1	7
20.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 26.75 N, LONG: 80.00 W, DEPTH: 45 M

STATION: 12

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	656	516	461	371	253	103	63	145	313	665	757	674	4977
22.50 - 67.49 (45.0)	1055	706	646	711	703	504	362	689	1173	1787	1410	1333	11079
67.50 - 112.49 (90.0)	1006	814	991	1434	1651	1434	2009	1873	1572	1150	1180	1161	16275
112.50 - 157.49 (135.0)	663	656	886	780	820	1019	1127	933	757	442	374	495	8952
157.50 - 202.49 (180.0)	377	490	567	433	505	578	572	495	291	156	152	300	4916
202.50 - 247.49 (225.0)	298	352	374	287	349	584	469	437	286	157	187	204	3984
247.50 - 292.49 (270.0)	375	393	465	467	426	436	298	247	238	243	275	287	4150
292.50 - 337.49 (315.0)	530	593	570	317	253	142	60	141	170	360	465	506	4107
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 12

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.13	0.88	0.95	0.84	0.93	0.59	0.45	0.41	0.94	1.36	1.65	0.86	0.91
1957	1.09	1.11	0.79	1.02	0.64	0.63	0.39	0.54	0.77	1.26	1.14	1.48	0.90
1958	1.55	1.22	0.86	0.93	0.89	0.65	0.65	0.44	0.77	1.31	0.90	1.27	0.95
1959	1.30	0.99	1.10	0.96	0.78	0.48	0.51	0.61	1.00	0.73	1.42	1.47	0.94
1960	0.91	1.20	1.01	0.98	0.69	0.63	0.44	0.66	1.02	0.65	1.14	1.51	0.90
1961	1.10	0.98	0.77	0.85	0.66	0.57	0.44	0.49	0.86	1.62	1.02	0.96	0.86
1962	1.16	0.95	1.31	0.87	0.72	0.45	0.35	0.47	0.63	1.06	1.43	1.06	0.87
1963	1.17	1.11	0.89	0.87	0.78	0.54	0.47	0.38	0.87	1.69	1.46	1.06	0.94
1964	1.04	1.01	0.95	0.98	0.84	0.44	0.62	0.59	1.04	1.42	1.06	1.39	0.95
1965	1.05	1.19	0.88	0.70	0.69	0.75	0.43	0.43	1.23	1.04	1.22	1.29	0.90
1966	1.29	1.27	1.05	0.95	0.69	1.01	0.47	0.56	0.49	1.13	1.79	1.07	0.98
1967	1.02	1.15	1.06	1.05	0.70	0.61	0.47	0.46	0.90	1.22	1.38	1.13	0.93
1968	1.21	1.04	1.08	0.80	0.60	0.59	0.47	0.40	0.71	1.02	1.00	1.06	0.83
1969	1.34	1.44	1.18	0.98	0.89	0.50	0.45	0.57	0.81	1.49	1.50	0.99	1.01
1970	1.18	1.56	1.09	0.77	1.00	0.54	0.50	0.55	0.74	1.36	1.17	0.86	0.94
1971	1.00	1.19	0.94	0.73	0.58	0.39	0.44	0.52	0.85	0.64	1.38	1.34	0.83
1972	1.01	1.14	1.02	0.84	0.86	0.90	0.60	0.46	0.82	1.14	0.85	1.31	0.91
1973	1.16	1.33	1.12	1.17	0.58	0.57	0.38	0.54	0.62	1.34	0.98	1.07	0.90
1974	0.69	0.99	0.71	0.90	0.60	0.50	0.38	0.52	0.70	1.78	1.13	0.6	0.81
1975	1.21	0.76	1.10	0.94	0.51	0.40	0.63	0.53	0.83	0.85	1.54	1.62	0.91
MEAN	1.13	1.12	0.99	0.91	0.73	0.59	0.48	0.51	0.83	1.20	1.26	1.18	

STATION: 12

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	2411 3	20 6 0	29 8 1	26 718	24 7 7	19 611	15 6 7	8 432	24 7 3	4210 4	5311 3	16 530	5311 3
1957	3910 5	31 8 5	18 530	24 610	19 6 8	17 616	8 418	13 8 3	16 6 7	34 9 4	39 9 5	32 8 1	39 9 5
1958	6412 3	31 720	23 712	21 532	19 610	18 7 7	15 6 8	12 510	22 6 9	36 9 7	31 8 6	3810 4	6412 3
1959	41 9 5	24 7 3	35 7 8	33 9 2	26 6 8	17 618	16 6 7	12 5 7	26 8 6	17 6 9	33 9 1	34 9 4	41 9 5
1960	28 7 0	35 819	33 836	31 8 4	1911 5	22 7 6	18 719	17 6 7	41 816	15 614	24 6 8	4110 3	4110 3
1961	37 9 6	26 718	22 619	29 819	21 6 8	14 6 4	9 4 9	11 5 8	20 9 4	38 9 4	20 616	26 7 6	38 9 4
1962	31 7 1	41 9 1	3015 5	24 7 2	23 7 6	9 5 8	6 410	9 5 9	1611 4	33 8 6	34 9 2	3014 5	41 9 1
1963	28 8 6	28 816	34 9 4	31 8 6	29 7 8	15 6 5	14 5 7	14 5 9	22 718	5111 5	34 9 5	46 9 6	5111 5
1964	25 717	26 818	19 6 1	26 7 6	2711 4	9 5 7	18 613	18 6 6	25 6 7	28 8 7	34 9 6	31 9 7	34 9 6
1965	31 7 0	26 713	29 8 5	15 5 1	14 6 9	18 6 6	8 416	11 510	4710 3	31 8 5	45 9 5	31 8 3	4710 3
1966	32 735	36 917	22 7 7	24 6 8	19 6 8	35 816	18 616	16 8 4	14 6 7	41 9 5	4210 4	25 8 6	4210 4
1967	22 7 7	34 9 1	29 8 6	4410 6	17 6 7	14 612	11 511	11 5 8	19 9 3	28 8 5	4510 4	38 9 2	4510 4
1968	37 9 7	20 532	29 7 4	15 5 1	24 6 8	39 812	14 510	14 5 7	1610 4	29 813	26 7 2	31 9 4	39 812
1969	28 7 4	37 8 2	26 735	22 6 8	18 6 8	16 512	10 5 8	14 614	1612 4	33 9 5	38 9 7	33 818	38 9 7
1970	31 8 3	441019	26 716	17 9 4	22 714	20 6 8	11 5 8	23 6 9	18 6 7	36 8 5	4410 3	24 7 7	4410 3
1971	35 836	31 817	21 635	21 617	17 612	8 410	11 4 8	17 6 7	2110 4	16 9 4	30 8 1	5011 6	5011 6
1972	37 9 3	29 8 3	27 8 4	24 6 7	25 6 8	37 812	14 5 8	9 411	15 8 3	29 8 6	19 617	35 8 3	37 812
1973	25 7 0	28 7 0	31 817	29 8 7	16 612	15 610	9 5 8	22 6 8	14 5 9	34 9 4	33 9 4	23 635	34 9 4
1974	15 6 8	31 8 1	16 7 5	26 7 9	18 618	29 718	8 4 9	12 510	2010 4	5612 5	24 7 4	22 6 9	5612 5
1975	29 8 7	26 720	24 712	25 610	11 413	8 412	2114 5	17 612	22 718	27 7 7	35 7 9	35 9 6	35 9 6
MAX	6412 3	441019	35 7 8	4410 6	29 7 8	39 812	2114 5	23 6 9	4710 3	5612 5	5311 3	5011 6	

MAX Hmo(m): 6.4 MAX Tp(sec): 12. MAX Dp(deg): 25. DATE(gmt): 58010318

MAX WIND SPEED(m/sec): 19. MAX WIND DIRECTION(deg): 10. DATE(gmt): 58010318

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.00 N, LONG: 80.00 W, DEPTH: 45 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 13

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	300	341	438	622	1145	1868	2518	2093	680	370	201	311	10887
0.50 - 0.99	1903	1743	2169	2193	2545	2338	2152	2586	2515	1750	1580	1769	25243
1.00 - 1.49	1445	1128	1397	1289	862	379	229	240	1036	1291	1494	1432	12222
1.50 - 1.99	730	725	637	478	314	123	43	37	352	731	729	718	5617
2.00 - 2.49	360	360	228	164	76	45	18	3	168	385	366	391	2564
2.50 - 2.99	124	170	66	40	16	18	.	1	18	221	203	202	1079
3.00 - 3.49	60	34	19	6	2	15	.	.	12	111	142	87	488
3.50 - 3.99	22	14	5	5	.	13	.	.	11	55	52	37	214
4.00 - 4.49	4	4	1	3	.	1	.	.	6	21	20	6	66
4.50 - 4.99	3	1	.	.	.	.	.	.	1	13	10	3	31
5.00 - 5.49	3	.	.	.	.	.	.	.	1	11	3	4	22
5.50 - 5.99	2	.	.	.	.	.	.	.	.	1	.	.	3
6.00 - 6.49	3	.	.	.	.	.	.	.	.	.	.	.	3
6.50 - 6.99	1	.	.	.	.	.	.	.	.	.	.	.	1
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 13

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	166	217	297	451	543	1111	1374	1014	373	239	124	179	6088
4.0 - 4.9	629	697	903	815	889	1068	1061	1253	809	473	441	631	9669
5.0 - 5.9	712	684	961	857	701	491	528	668	788	540	572	696	8198
6.0 - 6.9	748	671	732	716	700	425	298	361	596	592	733	674	7246
7.0 - 7.9	657	438	426	501	412	509	403	466	533	883	684	515	6427
8.0 - 8.9	618	504	405	314	482	492	776	714	630	868	665	522	6990
9.0 - 9.9	293	256	251	241	494	402	360	353	535	605	440	489	4719
10.0 - 10.9	223	208	225	284	346	177	83	82	265	306	278	415	2892
11.0 - 11.9	324	317	254	248	225	90	28	27	160	253	328	353	2607
12.0 - 12.9	270	216	222	144	84	33	19	16	64	101	207	247	1623
13.0 - 13.9	150	152	136	166	44	2	19	6	18	58	181	128	1060
14.0 - 14.9	94	94	55	49	20	.	11	.	7	24	83	76	513
15.0 - 15.9	49	33	40	14	10	.	.	.	8	13	43	25	235
16.0 - 16.9	20	7	29	.	7	.	.	.	6	3	14	9	95
17.0 - 17.9	5	11	15	.	.	.	.	.	3	1	5	1	41
18.0 - 18.9	2	10	3	.	3	.	.	.	2	1	2	.	23
19.0 - 19.9	.	3	3	.	.	.	.	.	3	.	.	.	9
20.0 - LONGER	.	2	3	.	.	.	.	.	.	.	.	.	5
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 13

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	397	422	395	310	96	33	16	46	33	159	305	368	2580
11.25 - 33.74 (22.5)	711	600	494	466	373	361	183	449	560	654	640	566	6057
33.75 - 56.24 (45.0)	1644	1289	1350	1349	1507	1156	673	848	2131	2308	1680	1800	17735
56.25 - 78.74 (67.5)	932	604	671	783	1210	1080	1700	1675	921	1117	1323	1113	13129
78.75 - 101.24 (90.0)	187	192	265	536	611	546	923	800	460	196	336	264	5316
101.25 - 123.74 (112.5)	178	210	235	307	467	442	660	469	242	144	110	144	3608
123.75 - 146.24 (135.0)	167	180	295	213	192	374	275	226	127	96	81	111	2337
146.25 - 168.74 (157.5)	138	180	235	170	151	252	119	106	73	67	29	121	1641
168.75 - 191.24 (180.0)	122	290	324	190	121	173	141	102	108	59	55	82	1767
191.25 - 213.74 (202.5)	50	50	62	50	57	106	89	85	34	12	21	19	635
213.75 - 236.24 (225.0)	42	42	43	43	25	70	36	61	34	6	29	20	451
236.25 - 258.74 (247.5)	32	30	47	55	25	108	52	25	31	6	6	25	442
258.75 - 281.24 (270.0)	54	62	118	111	51	90	68	39	26	29	24	40	712
281.25 - 303.74 (292.5)	70	82	123	67	37	4	16	11	12	28	40	59	549
303.75 - 326.24 (315.0)	109	137	155	50	19	4	4	16	1	26	37	97	655
326.25 - 348.74 (337.5)	127	150	148	100	18	1	5	2	7	53	84	131	826
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.00 N, LONG: 80.00 W, DEPTH: 45 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 13 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	760	1202	44	3	.	.	.	.	.	.	2009
1.00 - 1.99	120	1451	89	7	.	.	.	.	.	.	1667
2.00 - 2.99	.	152	259	14	.	.	.	.	.	.	425
3.00 - 3.99	.	.	62	16	.	.	.	.	.	.	78
4.00 - 4.99	.	.	1	10	.	.	.	.	.	.	11
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	880	2805	455	50	0	0	0	0	0	0	4190

STATION: 13 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1819	3585	6655	4479	2463	786	163	49	14	.	20013
1.00 - 1.99	111	2181	3290	2102	1447	578	122	8	.	.	9839
2.00 - 2.99	.	115	1263	404	180	83	13	1	.	.	2059
3.00 - 3.99	.	.	102	296	22	23	11	1	.	.	455
4.00 - 4.99	.	.	.	52	24	1	.	.	.	.	77
5.00 - 5.99	.	.	.	5	20	.	.	.	.	.	25
6.00 - 6.99	.	.	.	.	3	1	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1930	5881	11310	7338	4159	1472	309	59	14	0	32472

STATION: 13 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5168	889	210	93	63	62	12	2	.	.	6499
1.00 - 1.99	103	2808	265	.	7	35	9	3	.	.	3230
2.00 - 2.99	.	57	622	11	1	4	.	.	.	.	695
3.00 - 3.99	.	.	37	85	.	.	.	.	.	.	122
4.00 - 4.99	.	.	.	3	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5271	3754	1134	192	71	101	21	5	0	0	10549

STATION: 13 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3101	444	1	.	.	.	.	.	.	.	3546
1.00 - 1.99	43	1000	53	.	.	.	.	.	.	.	1096
2.00 - 2.99	.	25	107	2	.	.	.	.	.	.	134
3.00 - 3.99	.	.	13	10	.	.	.	.	.	.	23
4.00 - 4.99	.	.	1	2	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3144	1469	175	14	0	0	0	0	0	0	4802

STATION: 13 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1550	375	10	.	.	.	.	.	.	.	1935
1.00 - 1.99	50	581	140	2	.	.	.	.	.	.	773
2.00 - 2.99	.	28	167	6	.	.	.	.	.	.	201
3.00 - 3.99	.	.	19	5	.	.	.	.	.	.	24
4.00 - 4.99	.	.	.	3	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1600	984	336	16	0	0	0	0	0	0	2936

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.00 N, LONG: 80.00 W, DEPTH: 45 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 13 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	710	1	.	.	.	.	.	.	.	.	711
1.00 - 1.99	186	51	.	.	.	.	.	.	.	.	237
2.00 - 2.99	.	2	.	.	.	.	.	.	.	.	2
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	896	54	0	0	0	0	0	0	0	0	950

STATION: 13 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	973	.	.	.	.	.	.	.	.	.	973
1.00 - 1.99	239	43	.	.	.	.	.	.	.	.	282
2.00 - 2.99	.	8	.	.	.	.	.	.	.	.	8
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1212	51	0	0	0	0	0	0	0	0	1263

STATION: 13 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	433	4	7	.	.	.	.	.	.	.	444
1.00 - 1.99	391	323	.	1	.	.	.	.	.	.	715
2.00 - 2.99	.	119	.	.	.	.	.	.	.	.	119
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	824	446	7	1	0	0	0	0	0	0	1278

STATION: 13 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	14514	6500	6927	4575	2526	848	175	51	14	.	36130
1.00 - 1.99	1243	8438	3837	2112	1454	613	131	11	.	.	17839
2.00 - 2.99	.	506	2418	437	181	87	13	1	.	.	3643
3.00 - 3.99	.	.	233	412	22	23	11	1	.	.	702
4.00 - 4.99	.	.	2	70	24	1	.	.	.	.	97
5.00 - 5.99	.	.	.	5	20	.	.	.	.	.	25
6.00 - 6.99	.	.	.	.	3	1	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	15757	15444	13417	7611	4230	1573	330	64	14	0	58440

STATION: 13

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	306	251	247	333	534	610	748	686	498	293	198	218	4922
2.50 - 4.99	2016	1797	2044	2155	2727	3142	3459	3440	2718	2188	1852	1874	29412
5.00 - 7.49	1309	1116	1518	1364	1166	728	658	730	1117	1204	1289	1437	13636
7.50 - 9.99	856	887	862	808	497	254	95	100	388	798	970	979	7494
10.00 - 12.49	322	329	207	99	28	46	.	4	52	347	345	337	2116
12.50 - 14.99	138	132	80	35	8	20	.	.	25	117	132	103	790
15.00 - 17.49	7	7	2	4	.	.	.	.	2	13	9	9	53
17.50 - 19.99	6	1	.	2	.	.	.	.	.	.	5	3	17
20.00 - GREATER													0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.00 N, LONG: 80.00 W, DEPTH: 45 M

STATION: 13

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	636	496	454	364	258	103	65	148	318	657	751	665	4915
22.50 - 67.49 (45.0)	1012	697	620	687	687	504	351	669	1167	1759	1371	1288	10812
67.50 - 112.49 (90.0)	986	787	972	1397	1588	1384	1910	1822	1550	1137	1162	1131	15826
112.50 - 157.49 (135.0)	666	652	873	799	844	1026	1150	932	763	451	388	500	9044
157.50 - 202.49 (180.0)	385	498	571	426	495	556	579	487	275	165	159	324	4920
202.50 - 247.49 (225.0)	310	353	387	312	380	597	510	484	304	153	192	217	4199
247.50 - 292.49 (270.0)	413	431	509	492	459	494	340	273	254	255	306	317	4543
292.50 - 337.49 (315.0)	552	606	574	323	249	136	55	145	169	383	471	518	4181
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 13

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.21	0.92	0.99	0.87	0.99	0.63	0.47	0.43	1.00	1.43	1.70	0.90	0.96
1957	1.14	1.16	0.81	1.08	0.66	0.66	0.41	0.57	0.82	1.33	1.22	1.52	0.95
1958	1.61	1.26	0.89	0.98	0.94	0.68	0.67	0.48	0.81	1.38	0.95	1.35	1.00
1959	1.36	1.05	1.15	1.00	0.82	0.50	0.54	0.64	1.06	0.78	1.51	1.55	1.00
1960	0.94	1.25	1.04	1.02	0.73	0.66	0.46	0.68	1.10	0.69	1.20	1.55	0.94
1961	1.14	1.01	0.79	0.88	0.70	0.60	0.45	0.52	0.90	1.71	1.11	0.98	0.90
1962	1.21	0.99	1.38	0.89	0.76	0.48	0.37	0.49	0.67	1.11	1.49	1.10	0.91
1963	1.22	1.16	0.92	0.89	0.83	0.56	0.49	0.41	0.94	1.76	1.52	1.12	0.98
1964	1.08	1.04	0.99	1.01	0.88	0.45	0.64	0.61	1.10	1.46	1.12	1.47	0.99
1965	1.09	1.24	0.89	0.73	0.71	0.77	0.45	0.45	1.31	1.11	1.28	1.34	0.94
1966	1.34	1.34	1.10	0.98	0.73	1.07	0.50	0.58	0.52	1.24	1.88	1.12	1.03
1967	1.06	1.20	1.11	1.10	0.72	0.66	0.49	0.49	0.97	1.30	1.45	1.18	0.97
1968	1.26	1.11	1.13	0.85	0.62	0.62	0.48	0.42	0.75	1.09	1.03	1.09	0.87
1969	1.41	1.54	1.22	1.05	0.96	0.52	0.47	0.60	0.87	1.62	1.59	1.03	1.07
1970	1.22	1.62	1.14	0.81	1.05	0.59	0.53	0.59	0.79	1.49	1.24	0.89	0.99
1971	1.02	1.22	0.97	0.75	0.60	0.41	0.46	0.56	0.92	0.69	1.45	1.44	0.87
1972	1.07	1.18	1.05	0.88	0.93	0.94	0.61	0.48	0.86	1.21	0.90	1.35	0.96
1973	1.20	1.37	1.16	1.22	0.62	0.60	0.42	0.56	0.66	1.40	1.01	1.09	0.94
1974	0.71	1.01	0.73	0.93	0.62	0.51	0.40	0.54	0.73	1.85	1.18	0.90	0.84
1975	1.25	0.79	1.16	0.96	0.54	0.42	0.65	0.54	0.89	0.88	1.62	1.74	0.95
MEAN	1.18	1.17	1.03	0.94	0.77	0.62	0.50	0.53	0.88	1.28	1.32	1.24	

STATION: 13

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	2610 2	20 6 0	31 8 1	26 718	26 7 7	19 710	15 5 7	9 431	26 8 4	4410 5	5311 3	17 530	5311 3
1957	3910 5	31 8 5	18 530	29 8 8	19 7 8	17 616	9 417	14 8 3	16 6 7	34 9 4	39 9 5	32 7 1	39 9 5
1958	6612 4	33 816	23 713	22 532	20 7 7	20 7 7	16 6 9	14 511	22 7 8	36 9 7	31 9 5	38 9 4	6612 4
1959	43 9 6	26 7 3	4210 8	34 9 3	31 8 8	16 618	16 6 7	12 5 7	26 8 6	18 7 9	36 9 6	35 9 5	43 9 6
1960	28 736	35 819	35 835	31 9 4	2111 5	24 7 6	20 719	19 7 8	42 914	16 615	24 8 7	4410 3	4410 3
1961	36 9 7	28 817	22 619	29 7 7	22 7 8	15 6 5	9 4 9	11 5 8	21 9 4	4110 5	22 715	26 7 6	4110 5
1962	30 7 1	41 9 1	3316 5	24 7 2	23 7 7	10 4 8	7 325	11 5 8	1711 4	33 8 6	3714 4	3214 5	41 9 1
1963	29 8 6	29 816	36 9 4	31 8 6	32 8 8	16 6 5	14 5 7	14 6 9	2411 5	5311 6	36 9 6	4910 5	5311 6
1964	2711 5	29 818	18 6 1	26 8 8	2811 4	10 5 7	19 7 8	19 7 6	24 8 7	30 8 4	36 9 6	31 9 7	36 9 6
1965	31 736	26 713	29 8 5	15 5 1	14 6 8	18 6 6	9 6 2	11 510	5410 3	31 8 5	45 9 5	31 8 3	5410 3
1966	31 735	39 918	2210 4	24 7 8	19 7 8	39 816	18 616	17 9 4	16 9 4	4911 6	4110 4	26 8 6	4911 6
1967	24 8 6	34 9 1	30 8 7	44 9 6	17 6 8	16 613	11 5 8	12 5 8	19 618	31 8 5	4510 4	38 9 2	4510 4
1968	39 9 6	2210 4	29 7 4	1614 5	24 8 7	40 911	14 6 9	14 6 8	1811 5	33 810	25 7 2	31 8 4	40 911
1969	28 7 4	38 8 2	26 735	22 7 7	18 610	16 512	11 5 8	14 614	1712 4	36 9 5	39 9 7	35 818	39 9 7
1970	31 8 3	451018	28 716	17 9 4	22 714	22 7 8	12 513	28 8 9	19 7 8	38 8 6	4710 3	24 7 7	4710 3
1971	32 7 0	31 817	21 534	22 715	18 611	8 410	11 4 8	18 6 8	2310 4	1810 4	33 8 8	5211 6	5211 6
1972	40 9 1	29 8 3	27 8 4	24 7 9	24 8 7	37 812	14 5 8	10 511	16 8 4	29 8 6	22 619	35 8 3	40 9 1
1973	24 716	28 7 1	31 818	28 8 7	17 613	16 610	9 5 8	22 6 8	15 6 7	36 9 4	33 9 5	23 635	36 9 4
1974	15 8 4	31 8 1	17 7 5	29 8 8	20 717	28 718	8 418	12 510	2110 4	5612 5	26 7 4	24 8 9	5612 5
1975	29 8 7	28 819	24 711	28 810	11 413	8 7 5	2214 5	17 613	24 718	31 7 8	38 9 7	35 8 1	38 9 7
MAX	6612 4	451018	4210 8	44 9 6	32 8 8	40 911	2214 5	28 8 9	5410 3	5612 5	5311 3	5211 6	

MAX Hmo(m): 6.6 MAX Tp(sec): 12. MAX Dp(deg): 40. DATE(gmt): 58010312

MAX WIND SPEED(m/sec): 19. MAX WIND DIRECTION(deg): 305. DATE(gmt): 62112812

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.25 N LONG: 80.00 W DEPTH: 55 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 14

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	131	200	315	404	776	1383	1739	1396	431	236	136	177	7324
0.50 - 0.99	1806	1692	2075	2227	2760	2750	2923	3259	2602	1630	1372	1624	26720
1.00 - 1.49	1527	1197	1487	1420	975	462	236	259	1114	1366	1546	1527	13116
1.50 - 1.99	817	752	731	526	329	118	41	43	358	804	899	823	6241
2.00 - 2.49	428	411	254	168	92	47	21	2	229	443	410	428	2933
2.50 - 2.99	153	210	69	43	26	11	.	1	34	253	207	225	1232
3.00 - 3.49	60	38	23	5	2	17	.	.	12	119	131	90	497
3.50 - 3.99	21	13	4	4	.	12	.	.	8	53	64	48	227
4.00 - 4.49	4	4	2	3	.	.	.	.	8	26	19	10	76
4.50 - 4.99	3	3	.	.	.	.	.	.	3	21	10	4	44
5.00 - 5.49	2	.	.	.	.	.	.	.	.	8	6	4	20
5.50 - 5.99	2	.	.	.	.	.	.	.	1	1	.	.	4
6.00 - 6.49	4	.	.	.	.	.	.	.	.	.	.	.	4
6.50 - 6.99	2	.	.	.	.	.	.	.	.	.	.	.	2
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 14

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	92	122	197	318	251	568	441	365	180	131	84	94	2843
4.0 - 4.9	469	597	779	661	689	902	804	907	610	389	367	466	7640
5.0 - 5.9	620	588	834	780	615	483	566	621	752	526	483	600	7468
6.0 - 6.9	695	689	777	774	713	481	331	415	560	555	696	615	7301
7.0 - 7.9	773	537	536	603	522	768	879	821	689	965	773	563	8429
8.0 - 8.9	747	532	458	399	764	736	1306	1148	740	903	720	599	9052
9.0 - 9.9	344	342	294	280	650	525	460	483	665	677	515	574	5809
10.0 - 10.9	278	249	270	309	386	204	90	120	297	349	293	496	3341
11.0 - 11.9	343	310	270	297	219	105	47	51	192	248	330	430	2842
12.0 - 12.9	267	245	258	155	76	27	12	23	66	120	221	271	1741
13.0 - 13.9	158	164	140	161	39	1	11	6	20	60	187	150	1097
14.0 - 14.9	95	85	59	48	19	.	13	.	8	22	70	74	493
15.0 - 15.9	52	32	42	15	9	.	.	.	6	10	45	20	231
16.0 - 16.9	19	3	23	.	5	.	.	.	8	3	12	7	80
17.0 - 17.9	6	16	13	.	1	.	.	.	4	2	3	1	46
18.0 - 18.9	1	6	7	.	2	.	.	.	2	.	1	.	19
19.0 - 19.9	1	1	3	.	.	.	.	.	1	.	.	.	6
20.0 - LONGER	.	2	.	.	.	.	.	.	.	.	.	.	2
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 14

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	411	420	376	285	85	24	2	30	22	118	277	310	2360
11.25 - 33.74 (22.5)	557	475	410	374	252	211	46	147	343	507	564	502	4388
33.75 - 56.24 (45.0)	1482	1211	1311	1273	1235	968	494	752	1871	2117	1516	1564	15794
56.25 - 78.74 (67.5)	1093	769	787	877	1343	1152	1164	1230	1376	1409	1607	1365	14172
78.75 - 101.24 (90.0)	492	339	426	780	1178	1240	2387	2063	635	360	356	488	10744
101.25 - 123.74 (112.5)	132	160	194	242	321	315	390	340	173	119	99	127	2612
123.75 - 146.24 (135.0)	122	166	245	168	129	261	160	121	103	78	61	74	1688
146.25 - 168.74 (157.5)	99	151	193	125	112	155	44	61	50	58	33	72	1153
168.75 - 191.24 (180.0)	121	253	304	188	105	137	74	71	98	36	46	76	1509
191.25 - 213.74 (202.5)	44	49	67	43	52	78	59	45	35	14	17	23	526
213.75 - 236.24 (225.0)	40	42	46	39	19	73	20	37	35	5	29	22	407
236.25 - 258.74 (247.5)	32	29	44	43	20	94	45	12	32	5	12	24	392
258.75 - 281.24 (270.0)	53	63	119	128	48	88	64	32	16	28	23	38	700
281.25 - 303.74 (292.5)	67	84	138	64	31	2	10	9	6	29	35	56	531
303.75 - 326.24 (315.0)	96	131	141	51	17	1	.	8	3	27	45	101	621
326.25 - 348.74 (337.5)	119	178	159	120	13	1	1	2	2	50	80	118	843
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.25 N, LONG: 80.00 W, DEPTH: 55 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 14 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	490	867	143	2	.	.	.	.	.	.	1502
1.00 - 1.99	108	1400	339	8	.	.	.	.	.	.	1855
2.00 - 2.99	.	189	325	23	3	.	.	.	.	.	540
3.00 - 3.99	.	.	76	29	.	.	.	.	.	.	105
4.00 - 4.99	.	.	1	11	.	.	.	.	.	.	12
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	598	2456	884	73	3	0	0	0	0	0	4014

STATION: 14 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1046	2748	3647	3036	2078	639	136	49	8	.	13387
1.00 - 1.99	105	2133	3529	2281	1680	636	116	7	.	.	10487
2.00 - 2.99	.	90	1386	596	257	136	18	2	.	.	2485
3.00 - 3.99	.	.	84	305	28	28	12	2	.	.	459
4.00 - 4.99	.	.	1	57	33	2	.	.	.	.	93
5.00 - 5.99	.	.	.	4	20	.	.	.	.	.	24
6.00 - 6.99	.	.	.	.	6	.	.	.	.	.	6
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1151	4971	8647	6279	4102	1441	282	60	8	0	26941

STATION: 14 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3123	1666	6254	2400	355	83	4	2	.	.	13887
1.00 - 1.99	91	2679	662	243	113	52	25	3	.	.	3868
2.00 - 2.99	.	45	560	27	8	14	.	.	.	.	654
3.00 - 3.99	.	.	23	86	.	.	.	.	.	.	109
4.00 - 4.99	.	.	1	5	1	.	.	.	.	.	7
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3214	4390	7500	2761	477	149	29	5	0	0	18525

STATION: 14 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1776	327	.	1	.	.	.	.	.	.	2103
1.00 - 1.99	39	1010	62	1	.	.	.	.	.	.	1112
2.00 - 2.99	.	24	117	4	.	.	.	.	.	.	145
3.00 - 3.99	.	.	17	13	.	.	.	.	.	.	30
4.00 - 4.99	.	.	.	3	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1815	1361	196	21	0	0	0	0	0	0	3393

STATION: 14 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1037	344	3	.	.	.	.	.	.	.	1384
1.00 - 1.99	53	642	75	.	.	.	.	.	.	.	770
2.00 - 2.99	.	31	151	3	.	.	.	.	.	.	185
3.00 - 3.99	.	.	15	6	.	.	.	.	.	.	21
4.00 - 4.99	.	.	.	4	1	.	.	.	.	.	5
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1090	1017	244	13	1	0	0	0	0	0	2365

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.25 N, LONG: 80.00 W, DEPTH: 55 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 14 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	579	3	.	.	.	.	.	.	.	.	582
1.00 - 1.99	193	58	.	.	.	.	.	.	.	.	251
2.00 - 2.99	.	3	.	.	.	.	.	.	.	.	3
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	772	64	0	0	0	0	0	0	0	0	836

STATION: 14 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	837	.	.	.	.	.	.	.	.	.	837
1.00 - 1.99	289	52	.	.	.	.	.	.	.	.	341
2.00 - 2.99	.	9	.	.	.	.	.	.	.	.	9
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1126	61	0	0	0	0	0	0	0	0	1187

STATION: 14 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	336	19	5	2	.	.	.	.	.	.	362
1.00 - 1.99	381	289	2	1	.	.	.	.	.	.	673
2.00 - 2.99	.	141	3	.	.	.	.	.	.	.	144
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	717	449	10	3	0	0	0	0	0	0	1179

STATION: 14 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	9224	5974	10052	5440	2433	722	140	51	8	.	34044
1.00 - 1.99	1259	8263	4669	2534	1793	688	141	10	.	.	19357
2.00 - 2.99	.	532	2542	653	268	150	18	2	.	.	4165
3.00 - 3.99	.	.	215	439	28	28	12	2	.	.	724
4.00 - 4.99	.	.	3	80	35	2	.	.	.	.	120
5.00 - 5.99	.	.	.	4	20	.	.	.	.	.	24
6.00 - 6.99	.	.	.	.	6	.	.	.	.	.	6
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	10483	14769	17481	9150	4583	1590	311	65	8	0	58440

STATION: 14

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	280	217	239	304	508	585	706	669	463	292	184	199	4646
2.50 - 4.99	1948	1778	1940	2165	2775	3192	3582	3523	2744	2134	1806	1852	29439
5.00 - 7.49	1364	1132	1588	1388	1155	714	592	684	1130	1232	1309	1433	13721
7.50 - 9.99	892	907	884	820	486	255	79	82	385	833	1035	1032	7690
10.00 - 12.49	330	327	223	86	28	35	1	2	51	343	341	315	2082
12.50 - 14.99	132	149	80	31	8	19	.	.	26	120	106	118	789
15.00 - 17.49	7	8	6	4	.	.	.	.	1	6	14	8	54
17.50 - 19.99	7	2	.	2	.	.	.	.	.	.	5	3	19
20.00 - GREATER													0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.25 N, LONG: 80.00 W, DEPTH: 55 M

STATION: 14

OCCURRENCES OF WIND DIRECTION BY MONTH FOR LL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	651	523	477	377	264	133	81	174	345	687	798	690	5200
22.50 - 67.49 (45.0)	976	659	577	630	643	450	259	559	1155	1732	1303	1221	10164
67.50 - 112.49 (90.0)	907	711	905	1320	1530	1286	1729	1762	1517	1119	1109	1090	14985
112.50 - 157.49 (135.0)	679	674	901	846	874	1109	1330	989	790	451	420	506	9569
157.50 - 202.49 (180.0)	404	530	582	450	531	591	615	565	278	169	180	338	5233
202.50 - 247.49 (225.0)	318	340	399	331	369	597	540	469	275	148	193	234	4213
247.50 - 292.49 (270.0)	417	449	527	482	478	494	350	287	254	249	307	319	4613
292.50 - 337.49 (315.0)	608	634	592	364	271	140	56	155	186	405	490	562	4463
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 14

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.31	0.97	1.05	0.90	1.07	0.73	0.54	0.50	1.07	1.54	1.76	0.97	1.03
1957	1.24	1.23	0.84	1.12	0.71	0.71	0.45	0.63	0.87	1.41	1.33	1.59	1.01
1958	1.67	1.34	0.93	1.03	0.97	0.73	0.72	0.55	0.86	1.48	0.99	1.44	1.06
1959	1.41	1.12	1.22	1.05	0.85	0.54	0.60	0.69	1.14	0.84	1.61	1.65	1.06
1960	1.01	1.32	1.09	1.06	0.79	0.70	0.56	0.71	1.16	0.72	1.27	1.61	1.00
1961	1.23	1.06	0.83	0.91	0.74	0.65	0.50	0.60	0.98	1.77	1.21	1.03	0.96
1962	1.32	1.07	1.46	0.94	0.83	0.54	0.42	0.57	0.76	1.17	1.60	1.22	0.99
1963	1.29	1.24	0.98	0.94	0.91	0.61	0.53	0.48	1.05	1.82	1.54	1.19	1.05
1964	1.14	1.08	1.04	1.04	0.92	0.47	0.71	0.64	1.18	1.52	1.19	1.56	1.04
1965	1.17	1.30	0.94	0.77	0.71	0.78	0.52	0.50	1.38	1.19	1.36	1.41	1.00
1966	1.42	1.43	1.17	1.01	0.82	1.08	0.58	0.63	0.56	1.28	1.98	1.19	1.09
1967	1.11	1.27	1.20	1.14	0.74	0.72	0.55	0.55	1.04	1.34	1.50	1.22	1.03
1968	1.34	1.19	1.19	0.92	0.69	0.64	0.54	0.47	0.82	1.15	1.05	1.15	0.93
1969	1.48	1.62	1.25	1.14	1.08	0.55	0.52	0.69	0.92	1.75	1.67	1.10	1.14
1970	1.30	1.69	1.20	0.87	1.07	0.67	0.59	0.66	0.83	1.62	1.31	0.97	1.06
1971	1.07	1.26	1.03	0.76	0.65	0.46	0.51	0.61	1.00	0.74	1.50	1.57	0.93
1972	1.15	1.24	1.09	0.91	1.03	0.99	0.63	0.51	0.90	1.28	0.94	1.37	1.00
1973	1.28	1.41	1.22	1.25	0.69	0.67	0.51	0.62	0.72	1.45	1.04	1.14	1.00
1974	0.77	1.06	0.79	0.96	0.64	0.53	0.47	0.60	0.81	1.91	1.23	0.96	0.89
1975	1.34	0.85	1.21	1.02	0.59	0.46	0.72	0.57	0.95	0.92	1.66	1.87	1.02
MEAN	1.25	1.24	1.09	0.99	0.83	0.66	0.56	0.59	0.95	1.35	1.39	1.31	

STATION: 14

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	29 835	22 7 9	31 8 0	26 718	26 7 8	17 611	14 5 7	10 431	25 9 3	4510 4	5411 3	19 531	5411 3
1957	39 9 5	32 8 5	19 530	29 8 9	18 7 8	17 619	8 421	15 7 3	16 6 7	34 8 1	39 9 5	34 8 1	39 9 5
1958	6812 4	31 819	24 713	24 734	18 610	18 6 7	16 6 9	12 511	21 6 9	3811 3	31 9 5	37 9 6	6812 4
1959	42 9 6	26 7 4	4310 8	31 8 2	29 8 8	15 617	18 6 7	13 5 8	29 8 6	20 7 9	34 9 1	3710 5	4310 8
1960	26 736	35 820	35 835	29 8 4	2311 5	23 7 5	20 719	18 6 8	40 914	16 615	24 8 7	4510 3	4510 3
1961	34 9 7	29 816	22 718	27 7 7	22 7 8	15 6 5	8 4 9	11 5 8	23 9 4	39 9 4	24 715	24 736	39 9 4
1962	31 7 0	42 9 1	3416 5	22 710	23 7 7	10 5 8	7 326	11 413	1811 4	31 8 6	4214 4	3614 4	4214 4
1963	29 8 6	30 813	34 9 4	29 8 6	31 7 8	17 7 4	12 5 8	12 5 9	2811 5	5111 6	31 8 6	4710 6	5111 6
1964	3011 5	29 819	20 6 1	24 7 8	3111 4	10 420	19 7 8	19 7 6	2610 4	31 8 4	36 9 6	31 8 3	36 9 6
1965	32 8 0	27 814	27 8 6	16 8 4	12 5 8	16 6 7	10 6 2	11 510	5611 3	31 8 5	43 9 5	32 8 2	5611 3
1966	32 735	42 918	2410 4	22 7 9	20 7 8	39 910	18 715	19 9 5	18 9 5	4810 7	4010 4	27 8 5	4810 7
1967	22 7 6	35 9 0	30 8 6	42 9 6	16 619	14 613	9 5 8	11 5 9	20 9 3	29 8 5	4510 4	39 9 1	4510 4
1968	38 9 5	2410 4	28 7 7	1714 5	24 8 7	39 912	12 510	12 5 8	1811 5	33 810	23 7 2	29 8 4	39 912
1969	29 7 4	37 813	27 815	21 7 8	19 8 7	15 512	9 5 8	14 614	18 9 4	37 9 5	37 9 3	35 819	37 9 3
1970	32 8 1	461118	26 815	1810 5	22 714	20 710	12 513	26 710	17 6 8	37 8 6	4510 3	24 7 7	461118
1971	36 835	31 817	22 534	19 617	18 611	8 410	11 5 8	18 6 8	2510 4	19 9 4	31 8 1	5410 4	5410 4
1972	40 9 1	29 8 2	26 8 4	24 7 9	25 8 7	37 915	14 5 8	910 7	16 8 4	29 8 6	23 715	35 8 3	40 9 1
1973	25 7 0	30 7 0	31 818	26 719	18 613	16 610	9 5 8	19 6 9	15 7 5	36 8 3	34 9 4	23 635	36 8 3
1974	16 8 4	31 8 0	17 7 5	29 8 9	22 718	26 718	8 418	12 510	2310 4	5712 5	28 7 4	24 710	5712 5
1975	26 716	26 819	24 810	26 810	11 414	9 7 5	2314 5	15 512	24 818	32 8 6	40 8 8	36 8 1	40 8 8
MAX	6812 4	461118	4310 8	42 9 6	3111 4	39 912	2314 5	26 710	5611 3	5712 5	5411 3	5410 4	

MAX Hmo(m): 6.8 MAX Tp(sec): 12. MAX Dp(deg): 40. DATE(gmt): 58010312

MAX WIND SPEED(m/sec): 19. MAX WIND DIRECTION(deg): 305. DATE(gmt): 62112812

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.50 N, LONG: 80.00 W, DEPTH: 55 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 15

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	67	99	121	191	290	716	347	230	156	113	77	68	2475
0.50 - 0.99	1328	1426	1893	2005	2803	3157	4145	4174	2437	1343	1059	1265	27035
1.00 - 1.49	1786	1374	1670	1681	1270	702	402	508	1428	1626	1631	1694	15772
1.50 - 1.99	939	820	843	685	413	137	44	38	445	813	1035	992	7204
2.00 - 2.49	537	486	305	166	155	48	22	10	228	546	516	454	3473
2.50 - 2.99	198	242	95	60	24	11	.	.	67	257	232	309	1495
3.00 - 3.49	65	51	22	6	5	18	.	.	17	138	152	100	574
3.50 - 3.99	24	14	9	6	.	11	.	.	9	65	61	55	254
4.00 - 4.49	3	8	2	.	.	.	.	.	8	28	20	13	82
4.50 - 4.99	3	.	.	.	.	.	.	.	2	20	8	5	38
5.00 - 5.49	2	.	.	.	.	.	.	.	2	8	9	4	25
5.50 - 5.99	2	.	.	.	.	.	.	.	.	3	.	1	6
6.00 - 6.49	5	.	.	.	.	.	.	.	1	.	.	.	6
6.50 - 6.99	1	.	.	.	.	.	.	.	.	.	.	.	1
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 15

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	37	50	130	177	68	205	86	23	51	25	48	62	962
4.0 - 4.9	308	334	551	443	356	473	302	325	260	222	273	308	4155
5.0 - 5.9	459	486	724	604	479	386	379	420	502	445	404	440	5728
6.0 - 6.9	674	653	781	853	692	443	310	440	483	594	713	599	7235
7.0 - 7.9	826	677	643	729	759	1161	1154	1417	931	1060	779	597	10733
8.0 - 8.9	945	677	618	632	1114	1105	1793	1509	1155	1077	841	706	12172
9.0 - 9.9	459	523	420	381	798	686	679	551	770	745	635	764	7411
10.0 - 10.9	352	312	359	335	351	215	163	178	339	339	295	578	3816
11.0 - 11.9	333	316	259	318	207	101	60	64	182	246	306	440	2832
12.0 - 12.9	264	193	217	135	72	25	8	27	85	121	219	245	1611
13.0 - 13.9	137	158	142	140	37	.	14	6	18	50	154	124	980
14.0 - 14.9	93	82	43	41	18	.	12	.	3	31	69	70	462
15.0 - 15.9	42	34	29	12	3	.	.	.	8	5	44	19	196
16.0 - 16.9	24	3	19	.	3	.	.	.	6	.	14	6	75
17.0 - 17.9	4	16	16	.	2	.	.	.	4	.	6	2	50
18.0 - 18.9	3	3	7	.	1	.	.	.	1	.	.	.	15
19.0 - 19.9	.	1	2	.	.	.	.	.	2	.	.	.	5
20.0 - LONGER	.	2	.	.	.	.	.	.	.	.	.	.	2
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 15

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	363	333	326	241	62	12	.	17	19	101	239	242	1955
11.25 - 33.74 (22.5)	401	321	271	248	101	44	12	68	125	291	468	342	2692
33.75 - 56.24 (45.0)	1142	1023	1063	960	830	579	159	299	1340	1643	1166	1135	11339
56.25 - 78.74 (67.5)	1125	785	820	876	1093	776	523	706	1406	1740	1512	1357	12719
78.75 - 101.24 (90.0)	1176	964	1018	1521	2340	2661	3862	3579	1572	834	1001	1244	21772
101.25 - 123.74 (112.5)	79	112	177	169	183	137	157	165	103	95	61	79	1517
123.75 - 146.24 (135.0)	71	109	174	111	65	150	94	32	48	58	39	59	1010
146.25 - 168.74 (157.5)	57	118	157	93	65	86	24	27	26	37	32	46	768
168.75 - 191.24 (180.0)	112	206	250	149	71	97	23	25	70	24	43	70	1140
191.25 - 213.74 (202.5)	38	35	71	35	36	52	23	18	24	9	18	23	382
213.75 - 236.24 (225.0)	36	30	35	29	13	52	7	13	28	4	21	18	286
236.25 - 258.74 (247.5)	26	22	35	41	14	70	26	1	30	3	12	15	295
258.75 - 281.24 (270.0)	38	37	107	104	34	76	47	6	8	18	28	33	536
281.25 - 303.74 (292.5)	65	76	128	56	25	4	3	4	1	20	37	54	473
303.75 - 326.24 (315.0)	53	107	110	52	12	1	.	.	.	18	43	82	478
326.25 - 348.74 (337.5)	178	242	218	115	16	3	.	.	.	65	80	161	1078
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.50 N, LONG: 80.00 W, DEPTH: 55 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 15 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	291	622	116	.	.	.	.	.	.	.	1029
1.00 - 1.99	65	1273	332	9	.	.	.	.	.	.	1679
2.00 - 2.99	.	226	320	20	1	.	.	.	.	.	567
3.00 - 3.99	.	.	80	27	.	.	.	.	.	.	107
4.00 - 4.99	.	.	1	9	.	.	.	.	.	.	10
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	356	2121	849	65	1	0	0	0	0	0	3392

STATION: 15 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	411	957	1872	1825	1364	478	105	40	7	.	7059
1.00 - 1.99	77	2074	3106	2047	1703	569	99	9	.	.	9684
2.00 - 2.99	.	74	1481	615	222	147	13	3	.	.	2555
3.00 - 3.99	.	.	88	314	35	23	13	3	.	.	476
4.00 - 4.99	.	.	.	45	31	8	.	.	.	.	84
5.00 - 5.99	.	.	.	5	26	.	.	.	.	.	31
6.00 - 6.99	.	.	.	.	6	1	.	.	.	.	7
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	488	3105	6547	4851	3387	1226	230	55	7	0	19896

STATION: 15 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1053	2074	11138	3929	404	76	1	3	.	.	18678
1.00 - 1.99	81	2872	3039	1847	562	114	36	7	.	.	8558
2.00 - 2.99	.	36	757	333	70	25	4	.	.	.	1221
3.00 - 3.99	.	.	26	144	11	1	.	.	.	.	186
4.00 - 4.99	.	.	.	11	8	.	.	.	.	.	19
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1134	4982	14960	6264	1055	216	41	10	0	0	28662

STATION: 15 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	659	166	.	.	.	.	.	.	.	.	825
1.00 - 1.99	47	904	75	1	.	.	.	.	.	.	1027
2.00 - 2.99	.	25	132	4	.	.	.	.	.	.	161
3.00 - 3.99	.	.	12	19	.	.	.	.	.	.	31
4.00 - 4.99	.	.	.	1	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	706	1095	219	25	0	0	0	0	0	0	2045

STATION: 15 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	505	220	3	.	.	.	.	.	.	.	728
1.00 - 1.99	51	626	82	1	.	.	.	.	.	.	760
2.00 - 2.99	.	40	161	4	.	.	.	.	.	.	205
3.00 - 3.99	.	.	15	7	.	.	.	.	.	.	22
4.00 - 4.99	.	.	1	5	.	.	.	.	.	.	6
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	556	886	262	17	0	0	0	0	0	0	1721

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.50 N LONG: 80.00 W DEPTH: 55 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 15 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	340	2	.	.	.	.	.	.	.	.	342
1.00 - 1.99	200	58	.	.	.	.	.	.	.	.	258
2.00 - 2.99	.	4	.	.	.	.	.	.	.	.	4
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	540	64	0	0	0	0	0	0	0	0	604

STATION: 15 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	569	4	.	.	.	.	.	.	.	.	573
1.00 - 1.99	282	52	.	.	.	.	.	.	.	.	334
2.00 - 2.99	.	19	.	.	.	.	.	.	.	.	19
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	851	75	0	0	0	0	0	0	0	0	926

STATION: 15 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	217	46	9	4	.	.	.	.	.	.	276
1.00 - 1.99	269	397	9	1	.	.	.	.	.	.	676
2.00 - 2.99	.	191	45	.	.	.	.	.	.	.	236
3.00 - 3.99	.	1	5	.	.	.	.	.	.	.	6
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	486	635	68	5	0	0	0	0	0	0	1194

STATION: 15 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4045	4091	13138	5758	1768	554	106	43	7	.	29510
1.00 - 1.99	1072	8256	6643	3906	2265	683	135	16	.	.	22976
2.00 - 2.99	.	615	2896	976	293	172	13	3	.	.	4968
3.00 - 3.99	.	1	226	511	46	24	17	3	.	.	828
4.00 - 4.99	.	.	2	71	39	8	.	.	.	.	120
5.00 - 5.99	.	.	.	5	26	.	.	.	.	.	31
6.00 - 6.99	.	.	.	.	6	1	.	.	.	.	7
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5117	12963	22905	11227	4443	1442	271	65	7	0	58440

STATION: 15

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	249	203	225	269	433	525	651	614	418	272	183	199	4241
2.50 - 4.99	1878	1726	1933	2175	2846	3237	3676	3614	2763	2112	1755	1816	29531
5.00 - 7.49	1406	1139	1549	1407	1168	741	564	668	1141	1254	1325	1453	13815
7.50 - 9.99	936	955	925	830	483	246	68	62	394	863	1084	1050	7896
10.00 - 12.49	342	323	232	80	22	35	1	2	55	330	337	305	2064
12.50 - 14.99	134	157	86	33	7	16	.	.	27	123	96	124	803
15.00 - 17.49	8	14	9	4	1	.	.	.	1	6	13	10	66
17.50 - 19.99	7	3	1	2	.	.	.	.	1	.	7	3	24
20.00 - GREATER													0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.50 N, LONG: 80.00 W, DEPTH: 55 M

STATION: 15

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	666	542	467	399	283	178	91	194	370	731	842	706	5469
22.50 - 67.49 (45.0)	952	620	548	550	573	370	185	475	1134	1685	1236	1165	9493
67.50 - 112.49 (90.0)	806	623	805	1227	1438	1126	1359	1589	1487	1064	1047	1006	13577
112.50 - 157.49 (135.0)	702	705	962	887	942	1220	1607	1135	823	474	457	542	10456
157.50 - 202.49 (180.0)	435	557	590	503	566	653	707	642	281	180	191	353	5658
202.50 - 247.49 (225.0)	332	343	412	364	376	605	585	468	262	142	200	244	4333
247.50 - 292.49 (270.0)	414	468	545	474	490	491	337	285	259	250	326	315	4654
292.50 - 337.49 (315.0)	653	662	631	396	292	157	89	172	184	434	501	629	4800
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 15

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.40	1.07	1.19	0.95	1.26	0.97	0.70	0.67	1.17	1.62	1.87	1.17	1.17
1957	1.43	1.35	0.87	1.25	0.80	0.78	0.56	0.74	0.97	1.52	1.51	1.73	1.12
1958	1.77	1.44	0.98	1.12	1.10	0.85	0.87	0.71	0.97	1.59	1.12	1.58	1.17
1959	1.49	1.27	1.35	1.19	0.95	0.65	0.75	0.80	1.22	0.95	1.73	1.79	1.18
1960	1.12	1.39	1.16	1.15	0.88	0.81	0.77	0.78	1.26	0.79	1.40	1.68	1.10
1961	1.40	1.15	0.92	0.97	0.83	0.78	0.66	0.76	1.12	1.85	1.37	1.09	1.07
1962	1.50	1.22	1.53	1.05	0.94	0.67	0.54	0.74	0.90	1.26	1.71	1.40	1.12
1963	1.36	1.33	1.08	1.03	1.05	0.68	0.63	0.61	1.19	1.86	1.61	1.29	1.14
1964	1.22	1.13	1.09	1.14	0.98	0.54	0.84	0.73	1.30	1.61	1.29	1.68	1.13
1965	1.33	1.37	1.02	0.85	0.76	0.83	0.67	0.63	1.48	1.28	1.47	1.54	1.10
1966	1.54	1.57	1.28	1.07	1.00	1.15	0.72	0.76	0.63	1.33	2.08	1.28	1.20
1967	1.22	1.39	1.32	1.19	0.79	0.84	0.74	0.70	1.13	1.40	1.58	1.25	1.13
1968	1.47	1.25	1.32	0.98	0.80	0.71	0.72	0.58	0.92	1.29	1.09	1.25	1.03
1969	1.54	1.67	1.27	1.34	1.33	0.62	0.63	0.85	1.01	1.91	1.78	1.22	1.26
1970	1.42	1.80	1.32	1.00	1.15	0.84	0.75	0.84	0.93	1.77	1.39	1.09	1.19
1971	1.12	1.36	1.10	0.80	0.75	0.59	0.65	0.75	1.09	0.82	1.57	1.79	1.03
1972	1.30	1.33	1.16	1.00	1.17	1.07	0.71	0.60	0.95	1.35	0.98	1.45	1.09
1973	1.41	1.48	1.34	1.32	0.82	0.79	0.67	0.79	0.85	1.49	1.09	1.23	1.11
1974	0.91	1.16	0.92	1.03	0.66	0.57	0.59	0.75	0.95	1.97	1.28	1.03	0.98
1975	1.51	0.97	1.27	1.11	0.68	0.53	0.84	0.68	1.08	1.00	1.74	2.03	1.12
MEAN	1.37	1.33	1.17	1.08	0.93	0.76	0.70	0.72	1.06	1.43	1.48	1.43	

STATION: 15

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	3313 7	25 9 8	33 9 1	28 718	27 8 7	18 611	13 5 8	1310 9	26 9 4	4510 5	5411 4	22 531	5411 4
1957	36 9 5	33 8 5	19 531	29 8 9	18 7 9	18 620	9 418	16 8 4	16 6 7	32 8 1	39 9 5	34 836	39 9 5
1958	6512 4	31 819	22 715	28 732	18 610	19 7 7	14 610	13 511	20 710	4011 4	31 9 5	36 9 6	6512 4
1959	39 9 6	26 7 4	4310 8	31 8 2	28 8 8	15 617	19 6 7	1210 8	29 8 6	21 7 9	34 9 6	3911 6	4310 8
1960	26 735	36 818	37 835	29 8 4	2411 5	23 7 4	22 719	18 7 8	37 814	1611 4	24 8 7	4310 3	4310 3
1961	34 9 7	29 817	24 718	26 818	20 7 8	16 7 4	10 9 9	11 7 8	2610 6	36 9 5	25 716	24 7 5	36 9 5
1962	32 7 0	42 9 1	3516 5	24 710	22 7 7	11 6 7	8 8 8	13 6 9	1811 4	31 8 6	4614 4	3814 5	4614 4
1963	29 8 6	30 815	34 9 5	29 8 7	29 7 9	19 7 5	12 510	11 5 6	3211 5	4811 7	29 8 7	4710 6	4811 7
1964	3511 7	28 817	20 6 1	24 7 8	3211 4	10 4 8	18 612	17 6 7	2710 5	33 8 5	36 9 6	31 8 3	36 9 6
1965	32 835	28 814	27 8 5	17 8 4	12 5 9	15 6 8	10 6 3	10 4 9	6011 4	31 9 7	41 9 6	32 8 2	6011 4
1966	35 735	42 919	2510 4	22 7 8	20 7 8	38 915	19 714	22 9 7	21 9 6	4810 7	3910 4	31 8 5	4810 7
1967	22 7 6	37 9 0	30 8 7	39 9 6	15 619	15 8 5	10 8 9	10 510	21 618	29 8 5	4310 4	39 9 1	4310 4
1968	38 9 5	2610 3	28 7 4	1713 5	23 8 8	39 811	12 510	11 5 8	1911 5	31 810	2310 3	30 719	39 811
1969	29 9 4	35 813	28 816	21 7 7	22 8 8	14 512	10 5 9	14 7 3	20 9 5	37 9 7	37 9 3	35 819	37 9 3
1970	32 8 2	4310 9	25 732	20 617	24 714	21 610	12 513	24 710	16 6 8	35 9 7	45 9 1	22 7 7	45 9 1
1971	35 834	29 817	24 634	18 715	17 614	9 410	12 4 8	18 6 8	2611 5	20 9 4	31 8 1	5510 5	5510 5
1972	41 9 2	29 8 3	25 7 4	24 7 5	25 8 8	37 910	16 6 7	910 6	17 8 4	29 8 6	21 620	34 918	41 9 2
1973	27 936	30 7 0	31 818	2710 8	18 713	16 610	9 8 9	19 6 9	16 7 7	35 8 3	34 9 5	23 712	35 8 3
1974	16 7 5	31 8 0	18 7 6	27 8 9	22 718	24 718	9 9 9	12 511	24 9 4	5812 6	28 7 5	24 810	5812 6
1975	27 818	25 818	24 811	25 810	11 414	10 7 6	2414 5	12 513	26 818	31 8 7	39 8 9	36 8 0	39 8 9
MAX	6512 4	431019	4310 8	39 9 6	3211 4	39 811	2414 5	24 710	6011 4	5812 6	5411 4	5510 5	

MAX Hmo(m): 6.5 MAX Tp(sec): 12. MAX Dp(deg): 43. DATE(gmt): 58010312

MAX WIND SPEED(m/sec): 19. MAX WIND DIRECTION(deg): 315. DATE(gmt): 62112809

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.75 N, LONG: 80.00 W, DEPTH: 45 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 16

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	51	71	88	149	212	530	211	171	132	90	63	45	1813
0.50 - 0.99	1261	1360	1795	1961	2813	3290	4245	4190	2411	1320	1045	1225	26916
1.00 - 1.49	1780	1373	1699	1741	1333	756	435	549	1447	1605	1609	1691	16018
1.50 - 1.99	944	834	869	705	417	130	45	39	460	861	1056	1012	7372
2.00 - 2.49	547	473	322	170	155	56	24	11	211	558	544	463	3534
2.50 - 2.99	239	299	135	56	18	10	.	.	96	244	242	309	1648
3.00 - 3.49	86	78	33	14	8	18	.	.	16	161	134	130	678
3.50 - 3.99	34	24	18	4	4	10	.	.	14	66	50	57	281
4.00 - 4.49	5	8	1	.	.	.	.	.	6	28	37	18	103
4.50 - 4.99	3	.	.	.	.	.	.	.	4	14	8	5	34
5.00 - 5.49	3	.	.	.	.	.	.	.	2	13	10	4	32
5.50 - 5.99	4	.	.	.	.	.	.	.	1	.	2	1	8
6.00 - 6.49	3	.	.	.	.	.	.	.	.	.	.	.	3
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 16

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	31	40	116	151	58	176	73	22	45	16	40	47	815
4.0 - 4.9	283	270	514	448	334	437	253	316	246	197	264	304	3866
5.0 - 5.9	486	507	735	632	516	388	350	399	499	469	421	454	5856
6.0 - 6.9	658	647	758	832	689	479	304	496	526	604	721	619	7333
7.0 - 7.9	870	769	757	799	861	1245	1346	1490	1006	1130	860	678	11811
8.0 - 8.9	1024	713	638	628	1107	1107	1738	1437	1170	1056	833	766	12217
9.0 - 9.9	422	521	408	374	733	653	649	563	675	705	579	675	6957
10.0 - 10.9	336	290	326	308	325	215	151	139	316	343	282	548	3579
11.0 - 11.9	301	275	264	309	204	73	62	65	181	232	303	409	2678
12.0 - 12.9	266	208	209	131	69	27	8	27	81	122	204	237	1589
13.0 - 13.9	128	138	123	136	37	.	12	6	27	54	161	130	952
14.0 - 14.9	91	85	43	40	18	.	14	.	7	29	63	66	456
15.0 - 15.9	36	31	26	11	5	.	.	.	6	3	43	19	180
16.0 - 16.9	21	6	22	1	2	.	.	.	7	.	19	6	84
17.0 - 17.9	5	9	13	.	1	.	.	.	3	.	4	2	37
18.0 - 18.9	2	4	7	.	1	.	.	.	2	.	3	.	19
19.0 - 19.9	.	5	1	.	.	.	.	.	3	.	.	.	9
20.0 - LONGER	.	2	.	.	.	.	.	.	.	.	.	.	2
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 16

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	375	365	325	236	68	12	1	22	24	135	262	274	2099
11.25 - 33.74 (22.5)	383	288	249	239	82	43	5	58	130	297	439	342	2555
33.75 - 56.24 (45.0)	1066	931	994	893	765	499	157	282	1273	1529	1132	1011	10532
56.25 - 78.74 (67.5)	1080	742	735	814	1048	663	412	619	1395	1713	1433	1291	11945
78.75 - 101.24 (90.0)	1206	977	1075	1574	2395	2795	3963	3670	1629	894	1026	1270	22474
101.25 - 123.74 (112.5)	84	135	210	182	216	201	180	158	108	109	74	91	1748
123.75 - 146.24 (135.0)	69	94	157	100	56	126	88	37	47	62	43	57	936
146.25 - 168.74 (157.5)	64	123	168	111	69	94	27	35	31	32	36	65	855
168.75 - 191.24 (180.0)	115	215	237	172	91	91	24	29	75	22	52	84	1207
191.25 - 213.74 (202.5)	42	40	87	34	31	59	22	22	12	15	17	24	405
213.75 - 236.24 (225.0)	39	34	45	34	14	65	8	14	31	4	18	18	324
236.25 - 258.74 (247.5)	28	19	39	42	16	69	22	1	36	4	16	18	310
258.75 - 281.24 (270.0)	41	54	125	107	37	70	50	2	6	17	34	38	581
281.25 - 303.74 (292.5)	59	79	112	59	22	7	1	6	.	25	39	57	466
303.75 - 326.24 (315.0)	130	180	213	84	22	2	.	1	2	46	66	152	898
326.25 - 348.74 (337.5)	179	244	189	119	28	4	.	4	1	56	113	168	1105
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.75 N LONG: 80.00 W DEPTH: 45 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 16 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	262	514	202	4	.	.	.	.	.	.	982
1.00 - 1.99	46	954	735	19	.	.	.	.	.	.	1754
2.00 - 2.99	.	215	473	25	3	.	.	.	.	.	716
3.00 - 3.99	.	.	126	78	2	.	.	.	.	.	206
4.00 - 4.99	.	.	2	13	.	.	.	.	.	.	15
5.00 - 5.99	.	.	.	.	1	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	308	1683	1538	139	6	0	0	0	0	0	3674

STATION: 16 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	337	864	1591	1548	1189	444	93	33	11	.	6110
1.00 - 1.99	71	2075	3006	1793	1575	566	98	8	.	.	9192
2.00 - 2.99	.	53	1429	558	230	133	18	1	.	.	2422
3.00 - 3.99	.	.	81	301	40	7	13	3	.	.	445
4.00 - 4.99	.	.	.	40	28	19	5	.	.	.	92
5.00 - 5.99	.	.	.	5	31	3	.	.	.	.	39
6.00 - 6.99	.	.	.	.	3	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	408	2992	6107	4245	3096	1172	227	45	11	0	18303

STATION: 16 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	910	2104	11636	3726	480	77	.	5	.	.	18938
1.00 - 1.99	71	2953	3289	1912	606	128	37	6	.	.	9002
2.00 - 2.99	.	31	767	330	63	30	.	.	.	.	1221
3.00 - 3.99	.	.	25	141	11	.	.	.	.	.	177
4.00 - 4.99	.	.	.	12	5	1	.	.	.	.	18
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	981	5088	15717	6121	1165	236	37	11	0	0	29356

STATION: 16 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	586	161	.	.	.	.	.	.	.	.	747
1.00 - 1.99	38	922	85	1	.	.	.	.	.	.	1046
2.00 - 2.99	.	22	134	4	.	.	.	.	.	.	160
3.00 - 3.99	.	.	34	3	.	.	.	.	.	.	37
4.00 - 4.99	.	.	1	1	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	624	1105	254	9	0	0	0	0	0	0	1992

STATION: 16 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	506	233	.	.	.	.	.	.	.	.	739
1.00 - 1.99	42	728	98	.	.	.	.	.	.	.	868
2.00 - 2.99	.	41	182	4	.	.	.	.	.	.	227
3.00 - 3.99	.	.	19	8	.	.	.	.	.	.	27
4.00 - 4.99	.	.	.	5	.	.	.	.	.	.	5
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	548	1002	299	17	0	0	0	0	0	0	1866

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.75 N LONG: 80.00 W DEPTH: 45 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 16 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	335	8	.	.	.	.	.	.	.	.	343
1.00 - 1.99	223	67	.	.	.	.	.	.	.	.	290
2.00 - 2.99	.	7	.	.	.	.	.	.	.	.	7
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	558	82	0	0	0	0	0	0	0	0	640

STATION: 16 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	550	7	.	.	.	.	.	.	.	.	557
1.00 - 1.99	346	52	.	.	.	.	.	.	.	.	398
2.00 - 2.99	.	23	.	.	.	.	.	.	.	.	23
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	896	82	0	0	0	0	0	0	0	0	978

STATION: 16 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	232	65	16	2	.	.	.	.	.	.	313
1.00 - 1.99	126	701	11	3	.	.	.	.	.	.	840
2.00 - 2.99	.	383	20	.	.	.	.	.	.	.	406
3.00 - 3.99	.	6	61	.	.	.	.	.	.	.	67
4.00 - 4.99	.	.	5	.	.	.	.	.	.	.	5
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	358	1155	113	5	0	0	0	0	0	0	1631

STATION: 16 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3718	3956	13445	5278	1669	521	93	38	11	.	28729
1.00 - 1.99	963	8452	7224	3727	2181	694	135	14	.	.	23390
2.00 - 2.99	.	775	3005	924	296	163	18	1	.	.	5182
3.00 - 3.99	.	6	346	531	53	7	13	3	.	.	959
4.00 - 4.99	.	.	8	71	33	20	5	.	.	.	137
5.00 - 5.99	.	.	.	5	32	3	.	.	.	.	40
6.00 - 6.99	.	.	.	.	3	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4681	13189	24028	10536	4267	1408	264	56	11	0	58440

STATION: 16

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	205	168	178	186	344	423	463	528	352	229	150	154	3380
2.50 - 4.99	1834	1682	1896	2204	2922	3309	3852	3694	2782	2120	1732	1815	29842
5.00 - 7.49	1418	1152	1569	1443	1178	764	577	676	1168	1241	1325	1430	13941
7.50 - 9.99	1000	993	965	841	481	253	67	62	412	895	1143	1104	8216
10.00 - 12.49	352	329	245	86	25	35	1	.	56	348	327	314	2118
12.50 - 14.99	132	174	96	34	9	16	.	.	27	120	103	129	840
15.00 - 17.49	13	19	9	3	1	.	.	.	2	7	9	11	74
17.50 - 19.99	6	3	2	3	.	.	.	.	1	.	11	3	29
20.00 - GREATER													0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 27.75 N, LONG: 80.00 W, DEPTH: 45 M

STATION: 16

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	671	531	436	387	284	165	81	182	370	745	833	726	5411
22.50 - 67.49 (45.0)	911	582	528	504	531	335	156	434	1108	1651	1194	1111	9045
67.50 - 112.49 (90.0)	744	568	739	1173	1342	1073	1115	1426	1458	1038	973	924	12573
112.50 - 157.49 (135.0)	694	697	949	901	949	1180	1682	1248	837	471	456	578	10642
157.50 - 202.49 (180.0)	476	591	647	552	645	736	842	695	310	183	231	383	6291
202.50 - 247.49 (225.0)	347	360	423	362	392	625	635	484	250	148	207	247	4480
247.50 - 292.49 (270.0)	436	471	569	492	500	497	341	289	249	261	347	334	4786
292.50 - 337.49 (315.0)	681	720	669	429	317	189	108	202	218	463	559	657	5212
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 16

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.53	1.12	1.24	0.99	1.27	0.98	0.74	0.70	1.19	1.66	1.87	1.19	1.21
1957	1.46	1.38	0.91	1.28	0.82	0.80	0.60	0.78	0.99	1.53	1.53	1.77	1.15
1958	1.83	1.61	1.04	1.17	1.11	0.87	0.89	0.74	0.99	1.63	1.14	1.59	1.22
1959	1.53	1.29	1.39	1.20	0.96	0.68	0.78	0.80	1.25	0.98	1.77	1.84	1.20
1960	1.16	1.46	1.22	1.18	0.92	0.84	0.80	0.78	1.29	0.81	1.40	1.69	1.13
1961	1.42	1.19	0.97	1.02	0.86	0.81	0.69	0.79	1.14	1.87	1.39	1.12	1.10
1962	1.54	1.24	1.63	1.08	0.95	0.70	0.58	0.78	0.92	1.30	1.83	1.46	1.17
1963	1.40	1.41	1.13	1.05	1.06	0.71	0.65	0.62	1.23	1.89	1.61	1.34	1.17
1964	1.27	1.19	1.13	1.14	1.02	0.56	0.87	0.75	1.34	1.66	1.30	1.70	1.16
1965	1.35	1.42	1.07	0.87	0.77	0.84	0.70	0.64	1.50	1.33	1.46	1.53	1.12
1966	1.60	1.63	1.30	1.08	1.03	1.17	0.77	0.79	0.64	1.34	2.10	1.30	1.22
1967	1.26	1.42	1.34	1.20	0.81	0.86	0.76	0.71	1.16	1.39	1.56	1.26	1.14
1968	1.49	1.30	1.35	0.98	0.82	0.73	0.71	0.58	0.92	1.28	1.10	1.29	1.05
1969	1.56	1.72	1.31	1.34	1.36	0.64	0.66	0.89	1.03	1.93	1.77	1.26	1.29
1970	1.48	1.83	1.36	1.01	1.15	0.87	0.78	0.85	0.94	1.78	1.41	1.12	1.21
1971	1.19	1.38	1.17	0.82	0.78	0.63	0.67	0.77	1.11	0.85	1.56	1.82	1.06
1972	1.32	1.39	1.18	1.02	1.22	1.08	0.74	0.62	0.96	1.36	1.01	1.44	1.11
1973	1.46	1.53	1.37	1.32	0.85	0.83	0.68	0.79	0.85	1.50	1.12	1.27	1.13
1974	0.93	1.20	0.94	1.04	0.66	0.58	0.60	0.75	0.96	1.96	1.28	1.05	0.99
1975	1.51	1.00	1.30	1.13	0.68	0.55	0.86	0.68	1.08	1.01	1.75	2.05	1.14
MEAN	1.41	1.38	1.22	1.10	0.95	0.79	0.73	0.74	1.07	1.45	1.50	1.45	

STATION: 16

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	39 734	26 736	34 9 1	27 718	27 8 7	16 610	12 5 8	14 533	27 9 4	4510 4	5511 2	26 631	5511 2
1957	36 9 5	31 8 5	23 632	29 713	18 7 9	17 619	9 419	17 8 4	16 6 7	33 8 1	4010 6	37 836	4010 6
1958	6311 4	38 730	24 630	34 732	19 6 6	18 6 7	14 610	13 511	18 6 9	4111 3	31 9 5	36 9 6	6311 4
1959	39 9 6	26 7 4	4210 8	35 836	27 8 8	14 617	19 6 8	12 5 8	31 8 6	21 8 8	34 8 6	43 835	43 835
1960	29 735	36 918	38 835	28 7 1	2412 6	22 7 5	22 719	16 6 7	35 814	17 7 2	24 8 6	4210 3	4210 3
1961	31 9 7	29 816	28 633	26 819	19 7 8	17 533	1110 9	12 7 9	2610 6	36 9 5	27 715	25 735	36 9 5
1962	33 8 0	43 9 0	38 731	24 710	22 7 7	11 6 8	8 8 9	13 6 9	1811 4	3310 4	5613 3	4114 5	5613 3
1963	29 8 6	32 735	32 9 5	28 9 6	27 7 9	20 7 5	12 510	10 6 7	3411 6	4710 6	30 732	4410 6	4710 6
1964	3511 7	30 817	22 632	24 7 7	38 835	10 4 8	18 711	18 6 6	2910 4	33 8 5	36 9 6	32 8 5	38 835
1965	33 836	33 731	27 8 4	18 8 5	11 4 3	15 613	11 7 4	10 5 8	5811 3	31 9 7	39 9 6	33 8 2	5811 3
1966	38 835	44 919	2510 4	22 7 9	19 7 8	37 811	20 714	24 9 7	22 9 6	4410 7	39 9 3	30 8 5	4410 7
1967	25 632	37 9 0	30 8 6	36 9 7	15 9 4	15 7 5	10 8 9	10 511	21 618	27 8 5	4210 4	36 9 1	4210 4
1968	37 9 7	31 731	31 819	1713 5	22 7 8	38 913	11 510	11 5 8	1810 5	31 712	28 630	33 734	38 913
1969	32 7 4	36 8 1	29 634	19 6 7	22 8 8	12 512	10 5 9	14 7 3	21 9 5	39 9 7	37 9 2	33 818	39 9 7
1970	33 8 1	421019	29 731	20 617	24 714	20 710	12 513	21 710	1615 5	35 9 7	45 9 0	23 634	45 9 0
1971	43 935	29 817	26 634	18 715	18 615	9 421	11 4 8	18 6 8	2711 5	20 9 4	31 9 5	5511 5	5511 5
1972	41 9 2	29 8 1	24 718	24 7 5	24 8 8	36 910	16 6 7	9 9 7	17 8 4	29 8 6	21 717	33 9 3	41 9 2
1973	34 935	34 835	31 818	27 719	20 712	16 7 8	10 8 7	17 610	17 7 7	34 9 5	34 9 5	27 631	34 9 5
1974	17 8 5	31 8 0	17 6 8	27 810	24 817	23 717	8 417	12 511	2510 4	5411 5	30 8 3	22 710	5411 5
1975	27 818	26 719	2512 5	24 710	12 514	10 7 6	2414 5	12 512	27 818	31 8 7	40 9 7	37 9 3	40 9 7
MAX	6311 4	44 919	4210 8	36 9 7	38 835	38 913	2414 5	24 9 7	5811 3	5411 5	5613 3	5511 5	

MAX Hmo(m): 6.3 MAX Tp(sec): 11. MAX Dp(deg): 36. DATE(gmt): 58010312

MAX WIND SPEED(m/sec): 20. MAX WIND DIRECTION(deg): 320. DATE(gmt): 62112806

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.00 N, LONG: 80.25 W, DEPTH: 24 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 17

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	70	136	130	183	232	431	168	201	150	104	105	77	1987
0.50 - 0.99	1463	1486	1975	2161	2976	3444	4323	4242	2512	1420	1171	1443	28616
1.00 - 1.49	1786	1483	1803	1741	1239	745	411	481	1424	1682	1680	1781	16256
1.50 - 1.99	943	776	719	548	382	120	36	27	416	805	1034	920	6726
2.00 - 2.49	445	432	229	126	102	29	22	9	201	490	421	356	2862
2.50 - 2.99	173	167	75	33	24	19	.	.	58	246	211	231	1237
3.00 - 3.49	53	33	19	8	2	11	.	.	12	116	107	97	458
3.50 - 3.99	13	6	10	.	3	1	.	.	15	65	42	38	193
4.00 - 4.49	3	1	.	.	.	.	.	.	7	15	16	10	52
4.50 - 4.99	4	.	.	.	.	.	.	.	3	16	11	6	40
5.00 - 5.49	5	.	.	.	.	.	.	.	2	1	2	1	11
5.50 - 5.99	2	.	.	.	.	.	.	.	.	.	.	.	2
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 17

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	44	95	213	268	89	190	99	60	64	50	71	90	1333
4.0 - 4.9	436	564	800	629	370	424	191	262	288	267	389	492	5112
5.0 - 5.9	569	541	720	619	425	390	322	410	553	462	451	447	5909
6.0 - 6.9	489	392	478	713	733	637	470	688	634	673	698	507	7112
7.0 - 7.9	811	575	628	717	940	1291	1515	1575	994	1105	751	603	11505
8.0 - 8.9	881	611	592	587	1088	974	1478	1223	980	900	749	674	10737
9.0 - 9.9	383	514	420	302	650	582	620	510	633	613	492	603	6322
10.0 - 10.9	305	314	305	279	307	188	168	124	320	405	298	540	3553
11.0 - 11.9	360	300	276	321	203	86	62	66	175	245	318	430	2842
12.0 - 12.9	313	231	220	133	81	38	9	34	96	136	243	303	1837
13.0 - 13.9	157	192	154	153	43	.	10	4	31	64	182	142	1132
14.0 - 14.9	109	107	71	65	21	.	15	4	10	31	77	94	604
15.0 - 15.9	55	41	35	13	6	.	1	.	7	9	54	22	243
16.0 - 16.9	35	15	18	1	1	.	.	.	8	.	18	11	107
17.0 - 17.9	8	14	22	.	3	.	.	.	3	.	6	2	58
18.0 - 18.9	5	7	5	.	.	.	.	.	2	.	2	.	21
19.0 - 19.9	.	5	3	.	.	.	.	.	2	.	1	.	11
20.0 - LONGER	.	2	.	.	.	.	.	.	.	.	.	.	2
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 17

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	248	220	193	165	55	13	.	15	26	109	206	200	1450
11.25 - 33.74 (22.5)	230	204	196	204	44	16	3	30	80	201	280	236	1724
33.75 - 56.24 (45.0)	938	837	823	732	576	388	134	265	1041	1305	999	857	8895
56.25 - 78.74 (67.5)	1435	1063	1053	988	1205	747	361	606	1657	2025	1774	1637	14551
78.75 - 101.24 (90.0)	1300	1059	1173	1644	2570	2922	4108	3788	1692	971	1047	1276	23550
101.25 - 123.74 (112.5)	119	152	231	184	189	234	142	112	98	77	71	97	1706
123.75 - 146.24 (135.0)	43	87	156	96	44	75	38	26	29	45	22	61	722
146.25 - 168.74 (157.5)	18	24	53	52	24	44	21	13	9	11	10	13	292
168.75 - 191.24 (180.0)	25	62	107	85	30	41	19	15	28	13	27	21	473
191.25 - 213.74 (202.5)	52	69	119	60	35	50	24	19	27	14	21	46	536
213.75 - 236.24 (225.0)	65	67	84	75	26	74	26	40	22	8	29	34	550
236.25 - 258.74 (247.5)	51	48	69	67	23	93	29	15	53	7	27	28	510
258.75 - 281.24 (270.0)	56	97	171	138	62	89	54	2	28	37	47	68	849
281.25 - 303.74 (292.5)	84	140	179	103	33	8	1	8	7	35	71	98	767
303.75 - 326.24 (315.0)	123	200	175	93	26	1	.	6	3	54	68	133	882
326.25 - 348.74 (337.5)	173	191	178	114	18	5	.	.	.	48	101	155	983
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.00 N, LONG: 80.25 W, DEPTH: 24 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 17 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	355	399	25	.	.	.	.	.	.	.	779
1.00 - 1.99	161	884	209	3	.	.	.	.	.	.	1257
2.00 - 2.99	.	167	311	35	1	.	.	.	.	.	514
3.00 - 3.99	.	3	69	37	.	.	.	.	.	.	109
4.00 - 4.99	.	.	.	1	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	516	1453	614	76	1	0	0	0	0	0	2660

STATION: 17 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	386	1010	1380	1369	1477	603	122	40	12	.	6399
1.00 - 1.99	80	2421	2642	1543	1675	716	140	22	.	.	9239
2.00 - 2.99	.	70	1280	454	205	138	30	2	.	.	2179
3.00 - 3.99	.	.	50	269	30	21	11	4	.	.	385
4.00 - 4.99	.	.	.	16	50	11	2	.	.	.	79
5.00 - 5.99	.	.	.	.	8	5	.	.	.	.	13
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	466	3501	5352	3651	3445	1494	305	68	12	0	18294

STATION: 17 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	852	3110	12117	3881	524	101	1	5	1	.	20592
1.00 - 1.99	81	3187	3214	1851	634	120	38	5	.	.	9130
2.00 - 2.99	.	29	670	278	52	18	3	1	.	.	1051
3.00 - 3.99	.	.	15	111	16	1	3	.	.	.	146
4.00 - 4.99	.	.	.	3	7	2	.	.	.	.	12
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	933	6326	16016	6124	1233	242	45	11	1	0	30931

STATION: 17 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	388	137	14	.	.	.	.	.	.	.	539
1.00 - 1.99	47	636	98	12	.	.	.	.	.	.	793
2.00 - 2.99	.	11	99	7	.	.	.	.	.	.	117
3.00 - 3.99	.	.	9	.	.	.	.	.	.	.	9
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	435	784	220	19	0	0	0	0	0	0	1458

STATION: 17 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	541	.	.	.	.	.	.	.	.	.	541
1.00 - 1.99	270	43	.	.	.	.	.	.	.	.	313
2.00 - 2.99	.	2	.	.	.	.	.	.	.	.	2
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	811	45	0	0	0	0	0	0	0	0	856

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.00 N LONG: 80.25 W DEPTH: 24 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 17 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	457		.	.	.	.	.	.	.	.	457
1.00 - 1.99	397	178	.	.	.	.	.	.	.	.	575
2.00 - 2.99	.	10	.	.	.	.	.	.	.	.	10
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	854	188	0	0	0	0	0	0	0	0	1042

STATION: 17 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	836		.	.	.	.	.	.	.	.	836
1.00 - 1.99	547	110	.	.	.	.	.	.	.	.	657
2.00 - 2.99	.	19	.	.	.	.	.	.	.	.	19
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1383	129	0	0	0	0	0	0	0	0	1512

STATION: 17 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	458	1	1		.	.	.	.	.	.	460
1.00 - 1.99	589	390	37	2	.	.	.	.	.	.	1018
2.00 - 2.99	.	202	2	3	.	.	.	.	.	.	207
3.00 - 3.99	.	2	.	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1047	595	40	5	0	0	0	0	0	0	1687

STATION: 17 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4273	4657	13537	5250	2001	704	123	45	13	.	30603
1.00 - 1.99	2172	7849	6200	3411	2309	836	178	27	.	.	22982
2.00 - 2.99	.	510	2362	777	258	156	33	3	.	.	4099
3.00 - 3.99	.	5	143	417	46	22	14	4	.	.	651
4.00 - 4.99	.	.	.	20	57	13	2	.	.	.	92
5.00 - 5.99	.	.	.	.	8	5	.	.	.	.	13
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6445	13021	22242	9875	4679	1736	350	79	13	0	58440

STATION: 17

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	191	168	165	158	296	365	386	526	354	228	136	151	3124
2.50 - 4.99	1727	1592	1821	2132	2913	3300	3877	3655	2671	1998	1691	1776	29153
5.00 - 7.49	1372	1109	1514	1501	1193	805	624	702	1204	1280	1305	1405	14014
7.50 - 9.99	1096	1074	1038	860	514	272	67	77	451	960	1187	1100	8696
10.00 - 12.49	389	349	285	112	33	43	6	.	88	349	338	336	2328
12.50 - 14.99	160	192	116	28	10	15	.	.	25	137	120	173	976
15.00 - 17.49	18	25	16	6	1	.	.	.	6	8	10	16	106
17.50 - 19.99	7	11	5	3	.	.	.	.	1	.	12	3	42
20.00 - GREATER											1		1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.00 N, LONG: 80.25 W, DEPTH: 24 M

STATION: 17

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	628	505	413	349	246	149	54	162	403	726	769	669	5073
22.50 - 67.49 (45.0)	854	557	485	467	522	311	168	382	1102	1608	1160	1081	8697
67.50 - 112.49 (90.0)	691	517	655	1060	1206	1063	897	1261	1435	993	891	790	11459
112.50 - 157.49 (135.0)	615	627	869	826	946	993	1346	1172	764	415	428	580	9581
157.50 - 202.49 (180.0)	523	617	736	676	677	876	1238	885	341	226	300	429	7524
202.50 - 247.49 (225.0)	411	405	453	428	475	698	771	544	281	170	233	287	5156
247.50 - 292.49 (270.0)	515	514	654	538	570	520	396	349	273	304	402	407	5442
292.50 - 337.49 (315.0)	723	778	695	456	318	190	90	205	201	518	617	717	5508
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 17

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.38	1.07	1.17	0.92	1.24	0.95	0.75	0.69	1.14	1.58	1.73	1.12	1.14
1957	1.39	1.32	0.84	1.24	0.79	0.77	0.61	0.80	0.96	1.45	1.47	1.59	1.10
1958	1.62	1.33	0.94	1.09	1.08	0.87	0.87	0.73	0.98	1.53	1.11	1.53	1.14
1959	1.43	1.22	1.31	1.11	0.93	0.67	0.79	0.78	1.22	0.96	1.69	1.69	1.15
1960	1.06	1.26	1.14	1.11	0.90	0.82	0.77	0.76	1.26	0.80	1.33	1.55	1.06
1961	1.36	1.08	0.90	0.94	0.84	0.78	0.70	0.79	1.09	1.78	1.31	1.05	1.05
1962	1.45	1.17	1.48	1.02	0.92	0.71	0.60	0.77	0.89	1.23	1.69	1.36	1.11
1963	1.30	1.31	1.08	0.99	1.02	0.72	0.66	0.61	1.20	1.75	1.48	1.27	1.11
1964	1.18	1.08	1.05	1.07	0.97	0.56	0.86	0.71	1.24	1.58	1.24	1.59	1.10
1965	1.27	1.30	1.00	0.83	0.73	0.80	0.70	0.64	1.43	1.29	1.37	1.43	1.06
1966	1.46	1.50	1.23	1.03	0.97	1.12	0.78	0.77	0.63	1.29	1.95	1.20	1.16
1967	1.18	1.29	1.27	1.15	0.78	0.86	0.75	0.69	1.11	1.34	1.48	1.15	1.09
1968	1.41	1.21	1.21	0.93	0.80	0.71	0.69	0.57	0.89	1.21	0.97	1.15	0.98
1969	1.51	1.54	1.15	1.25	1.33	0.64	0.65	0.89	1.02	1.83	1.65	1.12	1.21
1970	1.37	1.61	1.19	0.94	1.08	0.89	0.77	0.83	0.91	1.71	1.31	1.05	1.14
1971	1.09	1.20	1.05	0.77	0.74	0.65	0.67	0.74	1.08	0.83	1.48	1.73	1.00
1972	1.26	1.27	1.08	0.97	1.19	1.06	0.74	0.62	0.93	1.30	0.95	1.32	1.06
1973	1.33	1.37	1.23	1.16	0.82	0.82	0.66	0.75	0.82	1.44	1.06	1.14	1.05
1974	0.90	1.11	0.91	0.97	0.61	0.49	0.58	0.71	0.92	1.84	1.23	0.98	0.94
1975	1.39	0.92	1.20	1.04	0.66	0.55	0.85	0.65	0.98	0.98	1.62	1.89	1.06
MEAN	1.32	126	1.12	1.03	0.92	0.77	0.72	0.73	1.04	1.39	1.41	1.35	

STATION: 17

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	36 734	25 8 8	33 9 1	20 531	27 8 8	16 610	12 5 8	1310 9	26 9 4	4210 5	4912 5	22 530	4912 5
1957	33 8 2	30 8 6	18 616	27 811	16 610	16 614	9 5 7	16 8 5	16 614	29 8 2	3910 6	34 836	3910 6
1958	5613 5	3011 6	21 713	27 934	19 7 6	17 6 7	14 5 6	13 5 8	17 6 8	3911 4	29 8 6	33 9 8	5613 5
1959	35 935	25 8 4	3910 8	31 735	25 8 8	11 422	20 6 8	12 5 8	31 9 7	22 7 9	35 9 4	3811 6	3910 8
1960	25 735	25 635	30 735	25 8 3	2311 6	22 7 4	14 521	14 6 0	33 810	17 6 2	23 7 7	4010 4	4010 4
1961	30 9 6	26 712	22 533	21 714	20 7 9	15 7 5	1110 9	12 7 9	2410 7	31 9 8	27 716	21 611	31 9 8
1962	31 8 1	40 9 1	3616 6	25 710	19 7 7	11 6 8	9 426	13 6 9	18 611	32 935	5013 4	4014 5	5013 4
1963	28 8 6	28 736	30 9 5	26 8 7	25 735	19 8 6	11 5 8	10 6 8	3511 6	4010 7	26 630	4010 6	4010 6
1964	28 7 3	23 734	18 6 1	21 7 7	37 835	10 510	19 6 9	16 6 7	27 736	33 9 5	34 9 7	32 8 2	37 835
1965	30 835	28 630	27 8 5	18 8 5	11 4 4	16 614	10 6 4	10 5 8	5312 5	30 9 7	32 9 7	30 8 3	5312 5
1966	28 935	3610 7	2310 5	20 7 9	18 7 8	35 910	21 713	22 9 8	20 9 7	4110 7	36 9 4	30 8 5	4110 7
1967	21 7 4	35 9 1	27 8 7	31 9 7	13 9 5	15 7 5	10 8 9	9 510	19 7 5	25 8 7	3810 5	33 9 2	3810 5
1968	35 9 5	2510 3	26 7 7	1713 5	21 7 7	34 810	9 8 9	10 4 8	1811 5	30 910	2310 4	26 8 4	35 9 5
1969	33 9 3	33 812	25 715	19 6 7	21 8 8	11 5 9	9 410	14 7 4	21 9 5	38 9 7	34 8 3	27 812	38 9 7
1970	31 8 2	33 8 3	24 630	1510 5	25 713	19 710	12 514	18 6 9	1716 6	34 7 5	39 9 1	21 635	39 9 1
1971	34 7 0	26 8 7	23 736	15 613	16 611	10 5 9	10 511	17 6 8	2611 5	20 8 5	30 9 6	5111 6	5111 6
1972	3710 3	29 8 4	25 7 4	23 7 5	25 8 8	33 812	17 6 7	10 410	16 8 4	29 8 5	19 7 1	30 8 4	3710 3
1973	32 935	30 8 1	25 812	2410 8	21 712	17 511	10 8 7	15 6 8	19 6 9	32 9 5	33 8 4	23 715	33 8 4
1974	17 7 5	29 8 0	18 6 7	26 8 9	16 712	13 417	9 4 4	12 510	2310 4	5012 6	31 8 5	23 710	5012 6
1975	25 710	2110 5	2412 5	21 710	12 415	10 7 6	2415 6	10 511	18 614	29 8 8	35 9 7	35 9 5	35 9 5
MAX	5613 5	40 9 1	3910 8	31 9 7	37 835	35 910	2415 6	22 9 8	5312 5	5012 6	5013 4	5111 6	

MAX Hmo(m): 5.6 MAX Tp(sec): 13. MAX Dp(deg): 47. DATE(gmt): 58010400

MAX WIND SPEED(m/sec): 21. MAX WIND DIRECTION(deg): 325. DATE(gmt): 62112806

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.25 N, LONG: 80.25 W, DEPTH: 22 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 18

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	53	94	104	129	154	224	95	119	117	64	71	49	1273
0.50 - 0.99	1272	1349	1742	1986	2809	3400	4201	4166	2370	1370	1098	1323	27086
1.00 - 1.49	1872	1513	1935	1885	1431	980	594	636	1535	1725	1745	1850	17701
1.50 - 1.99	997	850	805	642	421	131	48	30	475	836	1069	958	7262
2.00 - 2.49	496	480	260	126	118	33	22	9	194	497	445	387	3067
2.50 - 2.99	186	188	83	27	18	21	.	.	66	261	201	245	1296
3.00 - 3.49	52	36	20	5	6	11	.	.	15	112	102	94	453
3.50 - 3.99	17	10	11	.	3	.	.	.	16	69	25	34	185
4.00 - 4.49	6	.	.	.	.	.	.	.	7	10	29	12	64
4.50 - 4.99	3	.	.	.	.	.	.	.	4	15	12	8	42
5.00 - 5.49	6	.	.	.	.	.	.	.	1	1	2	.	10
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	1	.	1
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 18

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	21	70	115	166	50	102	46	28	54	33	41	52	778
4.0 - 4.9	431	514	769	663	373	391	159	243	235	238	381	482	4879
5.0 - 5.9	539	573	749	640	440	390	296	399	584	452	468	474	6004
6.0 - 6.9	471	402	495	730	702	704	523	854	705	684	697	480	7447
7.0 - 7.9	870	643	720	749	1103	1435	1677	1604	978	1137	729	613	12258
8.0 - 8.9	906	624	643	622	1064	922	1346	1104	930	886	751	719	10517
9.0 - 9.9	412	511	436	320	576	551	639	493	635	615	494	614	6296
10.0 - 10.9	273	290	266	289	317	185	172	126	325	409	316	525	3493
11.0 - 11.9	358	283	265	250	190	93	68	68	213	247	320	446	2801
12.0 - 12.9	300	236	195	152	81	27	8	32	81	147	247	273	1779
13.0 - 13.9	165	182	173	146	33	.	10	8	34	65	191	146	1153
14.0 - 14.9	103	104	59	55	23	.	13	1	5	34	77	98	572
15.0 - 15.9	56	52	35	18	3	.	3	.	7	11	57	23	265
16.0 - 16.9	37	12	21	.	3	.	.	.	5	2	21	14	115
17.0 - 17.9	15	17	10	.	2	.	.	.	6	.	5	1	56
18.0 - 18.9	3	1	8	.	.	.	.	.	1	.	3	.	16
19.0 - 19.9	.	4	1	.	.	.	.	.	1	.	2	.	8
20.0 - LONGER	.	2	.	.	.	.	.	.	1	.	.	.	3
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 18

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	217	208	179	160	47	12	.	16	20	112	181	195	1347
11.25 - 33.74 (22.5)	196	196	160	169	34	8	3	27	65	178	244	209	1489
33.75 - 56.24 (45.0)	766	620	599	500	380	238	74	189	783	1060	834	675	6718
56.25 - 78.74 (67.5)	1372	1044	1025	954	1176	554	274	498	1648	2121	1707	1539	13912
78.75 - 101.24 (90.0)	1414	1016	1185	1617	2437	2792	3846	3623	1847	986	1167	1361	23291
101.25 - 123.74 (112.5)	205	289	413	441	514	720	574	439	201	218	184	242	4440
123.75 - 146.24 (135.0)	51	87	167	94	39	83	35	37	26	43	38	52	752
146.25 - 168.74 (157.5)	37	67	106	73	37	58	29	18	20	23	20	40	528
168.75 - 191.24 (180.0)	59	124	153	109	74	46	16	30	50	18	37	62	778
191.25 - 213.74 (202.5)	67	78	126	83	43	59	36	18	22	14	26	55	627
213.75 - 236.24 (225.0)	64	77	83	83	26	71	17	39	28	11	31	37	567
236.25 - 258.74 (247.5)	39	44	53	68	16	74	19	14	42	4	22	30	425
258.75 - 281.24 (270.0)	58	109	180	139	51	73	34	.	29	33	59	72	837
281.25 - 303.74 (292.5)	86	133	167	92	35	8	3	4	13	37	72	107	757
303.75 - 326.24 (315.0)	95	161	139	97	28	1	.	8	4	44	50	115	742
326.25 - 348.74 (337.5)	234	267	225	121	23	3	.	.	2	58	128	169	1230
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.25 N, LONG: 80.25 W, DEPTH: 22 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 18 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	264	412	26	.	.	.	.	.	.	.	702
1.00 - 1.99	125	852	224	1	.	.	.	.	.	.	1202
2.00 - 2.99	.	140	355	42	.	.	.	.	.	.	537
3.00 - 3.99	.	2	73	44	.	.	.	.	.	.	119
4.00 - 4.99	.	.	.	1	1	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	389	1406	678	88	1	0	0	0	0	0	2562

STATION: 18 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	279	729	926	925	924	450	98	18	8	.	4357
1.00 - 1.99	67	2234	2389	1329	1336	617	120	19	1	.	8112
2.00 - 2.99	.	56	1189	423	201	119	18	2	.	.	2008
3.00 - 3.99	.	.	40	221	31	7	11	4	.	.	314
4.00 - 4.99	.	.	.	9	50	23	4	.	.	.	86
5.00 - 5.99	.	.	.	.	4	7	.	.	.	.	11
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	346	3019	4544	2907	2546	1223	251	43	9	0	14888

STATION: 18 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	598	3316	12194	3679	753	192	22	14	2	.	20770
1.00 - 1.99	59	3236	4091	2565	1150	249	77	11	.	.	11438
2.00 - 2.99	.	27	734	362	91	56	17	3	.	.	1290
3.00 - 3.99	.	.	11	137	28	2	13	.	.	.	191
4.00 - 4.99	.	.	.	3	11	3	.	1	.	.	18
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	657	6579	17030	6746	2033	502	129	29	2	0	33707

STATION: 18 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	359	184	46	.	.	.	.	.	.	.	589
1.00 - 1.99	41	847	50	.	.	.	.	.	.	.	938
2.00 - 2.99	.	17	134	13	.	.	.	.	.	.	164
3.00 - 3.99	.	.	5	5	.	.	.	.	.	.	10
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	400	1048	235	18	0	0	0	0	0	0	1701

STATION: 18 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	404		.	.	.	.	.	.	.	.	404
1.00 - 1.99	364	525	.	.	.	.	.	.	.	.	889
2.00 - 2.99	.	46	.	.	.	.	.	.	.	.	46
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	768	571	0	0	0	0	0	0	0	0	1339

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.25 N, LONG: 80.25 W, DEPTH: 22 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 18 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	429		.	.	.	.	.	.	.	.	429
1.00 - 1.99	431	199	.	.	.	.	.	.	.	.	630
2.00 - 2.99	.	16	.	.	.	.	.	.	.	.	16
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	860	215	0	0	0	0	0	0	0	0	1075

STATION: 18 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	715		.	.	.	.	.	.	.	.	715
1.00 - 1.99	589	122	.	.	.	.	.	.	.	.	711
2.00 - 2.99	.	18	.	.	.	.	.	.	.	.	18
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1304	140	0	0	0	0	0	0	0	0	1444

STATION: 18 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	365	19	9		.	.	.	.	.	.	393
1.00 - 1.99	568	289	184	2	.	.	.	.	.	.	1043
2.00 - 2.99	.	163	95	26	.	.	.	.	.	.	284
3.00 - 3.99	.	2	.	2	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	933	473	288	30	0	0	0	0	0	0	1724

STATION: 18 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3413	4660	13201	4604	1677	642	120	32	10	.	28359
1.00 - 1.99	2244	8304	6938	3897	2486	866	197	30	1	.	24963
2.00 - 2.99	.	483	2507	866	292	175	35	5	.	.	4363
3.00 - 3.99	.	4	129	409	59	9	24	4	.	.	638
4.00 - 4.99	.	.	.	13	62	26	4	1	.	.	106
5.00 - 5.99	.	.	.	.	4	7	.	.	.	.	11
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5657	13451	22775	9789	4580	1725	380	72	11	0	58440

STATION: 18

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	198	175	174	152	311	374	411	562	372	230	137	160	3256
2.50 - 4.99	1712	1566	1827	2136	2926	3307	3858	3666	2641	1971	1678	1751	29039
5.00 - 7.49	1359	1103	1450	1510	1184	794	624	662	1214	1299	1336	1421	13956
7.50 - 9.99	1121	1087	1069	850	498	271	60	70	453	979	1174	1078	8710
10.00 - 12.49	370	343	296	115	30	39	7	.	91	332	331	349	2303
12.50 - 14.99	174	202	119	26	10	15	.	.	23	140	121	181	1011
15.00 - 17.49	20	29	19	8	1	.	.	.	5	9	9	17	117
17.50 - 19.99	6	15	6	3	.	.	.	.	1	.	13	3	47
20.00 - GREATER											1		1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.25 N, LONG: 80.25 W, DEPTH: 22 M

STATION: 18

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	649	516	404	340	254	152	41	174	415	733	759	665	5102
22.50 - 67.49 (45.0)	824	549	480	449	514	318	161	358	1103	1613	1129	1017	8515
67.50 - 112.49 (90.0)	664	482	607	987	1129	1007	768	1173	1436	972	862	750	10837
112.50 - 157.49 (135.0)	589	577	853	838	966	972	1323	1168	758	412	420	582	9458
157.50 - 202.49 (180.0)	534	657	739	697	668	899	1287	933	309	210	303	447	7683
202.50 - 247.49 (225.0)	419	411	486	473	534	748	885	609	298	171	253	304	5591
247.50 - 292.49 (270.0)	544	559	666	574	591	538	416	371	295	316	440	442	5752
292.50 - 337.49 (315.0)	737	769	725	442	304	166	79	174	186	533	634	753	5502
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 18

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.47	1.14	1.22	0.97	1.27	0.99	0.83	0.76	1.17	1.61	1.71	1.17	1.19
1957	1.42	1.39	0.88	1.31	0.83	0.83	0.67	0.85	0.99	1.46	1.52	1.60	1.15
1958	1.66	1.45	0.99	1.14	1.12	0.91	0.92	0.78	1.02	1.56	1.14	1.55	1.19
1959	1.46	1.25	1.36	1.12	0.97	0.72	0.84	0.79	1.24	1.01	1.71	1.72	1.18
1960	1.09	1.34	1.19	1.14	0.95	0.87	0.85	0.78	1.28	0.83	1.35	1.54	1.10
1961	1.38	1.14	0.97	0.99	0.90	0.84	0.76	0.84	1.11	1.77	1.33	1.09	1.09
1962	1.48	1.23	1.55	1.08	0.94	0.77	0.68	0.83	0.93	1.23	1.76	1.40	1.16
1963	1.35	1.38	1.14	1.00	1.05	0.77	0.69	0.64	1.26	1.75	1.49	1.31	1.15
1964	1.24	1.13	1.12	1.11	1.00	0.61	0.91	0.76	1.31	1.62	1.29	1.65	1.15
1965	1.30	1.37	1.06	0.86	0.76	0.83	0.76	0.67	1.44	1.34	1.37	1.43	1.10
1966	1.52	1.58	1.27	1.06	1.04	1.16	0.85	0.82	0.66	1.29	1.94	1.23	1.20
1967	1.23	1.33	1.30	1.17	0.84	0.91	0.80	0.73	1.14	1.32	1.47	1.19	1.12
1968	1.44	1.25	1.24	0.95	0.83	0.75	0.71	0.60	0.90	1.23	1.00	1.19	1.01
1969	1.54	1.57	1.19	1.27	1.39	0.70	0.69	0.94	1.06	1.85	1.65	1.18	1.25
1970	1.43	1.63	1.25	0.99	1.09	0.96	0.83	0.87	0.94	1.75	1.34	1.09	1.18
1971	1.15	1.27	1.11	0.79	0.79	0.70	0.72	0.79	1.11	0.88	1.48	1.79	1.05
1972	1.32	1.30	1.12	1.01	1.26	1.08	0.80	0.67	0.95	1.32	1.00	1.34	1.10
1973	1.36	1.40	1.29	1.20	0.88	0.88	0.69	0.77	0.85	1.44	1.10	1.18	1.09
1974	0.96	1.15	0.95	1.02	0.64	0.54	0.60	0.74	0.96	1.82	1.23	1.02	0.97
1975	1.46	1.00	1.27	1.08	0.70	0.60	0.89	0.70	1.03	1.02	1.63	1.94	1.11
MEAN	1.36	1.31	1.17	1.06	0.96	0.82	0.78	0.77	1.07	1.41	1.43	1.38	

STATION: 18

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	4017 8	25 8 9	33 9 1	23 532	27 8 6	15 611	12 5 8	141010	25 9 4	4110 5	4912 6	23 9 7	4912 6
1957	33 8 2	29 9 5	18 516	27 812	16 6 4	17 516	10 810	16 8 5	16 9 6	29 8 1	3910 6	33 835	3910 6
1958	5413 6	3211 6	21 714	30 934	19 6 7	16 6 7	13 5 8	13 5 9	17 6 8	3911 5	29 8 6	33 9 8	5413 6
1959	34 935	23 7 4	3710 8	30 734	23 7 9	11 515	19 6 8	12 5 8	31 9 7	23 8 8	33 9 5	3811 7	3811 7
1960	24 635	26 834	30 935	25 7 1	2412 7	22 7 4	18 520	16 6 0	30 710	16 614	23 7 7	3810 4	3810 4
1961	27 8 7	26 712	24 834	23 714	17 610	16 7 5	11 910	13 7 9	2510 7	31 9 8	27 716	21 834	31 9 8
1962	29 8 1	38 9 2	3716 6	25 710	18 7 7	11 6 8	9 910	14 6 9	19 612	32 936	5613 4	4214 6	5613 4
1963	27 8 6	30 935	27 8 6	25 9 7	24 735	20 8 6	12 510	10 7 9	3811 7	38 836	25 9 3	4010 8	4010 8
1964	3311 8	21 734	19 635	19 7 7	38 835	9 6 9	18 611	16 710	2710 5	33 9 5	33 9 7	32 8 2	38 835
1965	31 835	29 814	25 8 5	18 8 5	12 4 4	16 615	11 7 5	10 422	5112 6	30 9 7	31 9 7	30 8 2	5112 6
1966	30 934	3810 7	2410 5	19 610	19 7 8	33 910	21 713	23 736	20 9 7	3810 7	3610 4	31 8 5	3810 7
1967	22 532	35 9 0	27 8 7	30 8 7	14 8 6	16 8 6	11 810	9 5 9	19 7 5	23 8 7	3610 6	35 836	3610 6
1968	35 9 5	2712 5	28 933	1813 6	20 7 8	31 811	9 8 9	10 5 9	1811 6	29 812	2511 4	28 934	35 9 5
1969	34 8 4	33 911	27 714	18 6 8	21 9 9	11 610	9 710	15 7 5	23 8 5	3810 7	33 8 2	27 814	3810 7
1970	31 8 2	34 912	24 833	1710 6	25 713	19 710	13 6 5	15 610	1615 7	34 7 5	39 9 1	22 635	39 9 1
1971	35 7 0	26 8 7	24 735	15 613	20 714	10 910	10 810	16 6 8	2711 6	20 9 6	31 9 6	4912 6	4912 6
1972	3710 4	28 8 4	23 7 5	23 7 5	25 8 9	33 912	17 6 8	10 8 9	16 7 4	29 8 5	19 7 1	29 9 5	3710 4
1973	31 934	31 8 0	25 813	2410 8	21 712	17 7 9	10 8 8	14 5 8	19 6 9	31 9 5	32 9 5	23 814	32 9 5
1974	18 7 6	28 8 0	17 6 8	23 810	20 518	14 516	9 9 8	11 511	2410 4	5012 6	31 8 5	19 711	5012 6
1975	27 810	2210 6	2512 6	20 711	12 515	11 7 6	2415 6	10 511	20 518	29 8 8	34 9 8	35 9 4	35 9 4
MAX	5413 6	3810 7	3716 6	30 8 7	38 835	33 912	2415 6	23 736	5112 6	5012 6	5613 4	4912 6	

MAX Hmo(m): 5.6 MAX Tp(sec): 13. MAX Dp(deg): 40. DATE(gmt): 62112806

MAX WIND SPEED(m/sec): 21. MAX WIND DIRECTION(deg): 330. DATE(gmt): 62112806

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.50 N, LONG: 80.25 W, DEPTH: 27 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 19

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	43	80	73	94	104	172	65	86	91	47	42	44	941
0.50 - 0.99	1139	1218	1619	1857	2717	3262	3985	4013	2269	1323	1066	1231	25699
1.00 - 1.49	1823	1483	1917	1960	1524	1144	836	814	1561	1663	1693	1802	18220
1.50 - 1.99	1078	913	874	704	468	143	50	37	536	902	1113	1023	7841
2.00 - 2.49	509	499	301	148	121	46	24	10	209	536	504	400	3307
2.50 - 2.99	244	228	126	27	14	22	.	.	82	253	188	269	1453
3.00 - 3.49	75	78	34	5	4	11	.	.	21	124	114	116	582
3.50 - 3.99	26	19	14	5	7	.	.	.	16	78	31	48	244
4.00 - 4.49	12	2	2	.	1	.	.	.	8	16	16	17	74
4.50 - 4.99	5	.	.	.	.	.	.	.	4	15	25	8	57
5.00 - 5.49	5	.	.	.	.	.	.	.	3	3	4	2	17
5.50 - 5.99	1	.	.	.	.	.	.	.	.	.	1	.	2
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	2	.	2
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	1	.	1
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 19

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	20	66	89	144	34	65	36	21	60	30	30	41	636
4.0 - 4.9	365	407	622	567	275	343	128	200	180	201	306	404	3998
5.0 - 5.9	474	497	739	619	421	370	252	370	570	397	457	463	5629
6.0 - 6.9	586	590	666	828	807	797	586	935	862	783	759	569	8768
7.0 - 7.9	1029	760	848	896	1303	1621	1862	1835	1055	1238	907	766	14120
8.0 - 8.9	931	662	666	657	1021	885	1314	978	897	907	754	757	10429
9.0 - 9.9	383	501	409	295	528	461	553	411	575	592	471	616	5795
10.0 - 10.9	290	273	248	242	281	147	142	102	289	369	270	486	3139
11.0 - 11.9	339	252	221	238	164	83	54	61	185	230	290	395	2512
12.0 - 12.9	248	202	188	137	60	27	7	39	75	122	226	237	1568
13.0 - 13.9	132	157	140	117	35	1	8	6	25	62	168	102	953
14.0 - 14.9	77	93	56	49	22	.	17	2	6	24	89	93	528
15.0 - 15.9	37	37	33	10	6	.	1	.	8	5	43	18	198
16.0 - 16.9	35	8	14	1	1	.	.	.	4	.	16	9	88
17.0 - 17.9	12	5	15	.	2	.	.	.	3	.	9	4	50
18.0 - 18.9	1	6	5	.	.	.	.	.	3	.	5	.	20
19.0 - 19.9	1	4	1	.	.	.	.	.	3	.	.	.	9
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 19

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	289	279	223	202	47	10	.	13	22	142	237	255	1719
11.25 - 33.74 (22.5)	252	219	174	162	57	9	2	34	99	228	286	244	1766
33.75 - 56.24 (45.0)	845	727	737	657	436	248	81	195	901	1195	971	741	7734
56.25 - 78.74 (67.5)	1092	779	749	628	978	404	228	392	1372	1805	1434	1299	11160
78.75 - 101.24 (90.0)	1302	817	1066	1448	2186	2233	3097	3161	1815	935	1066	1271	20397
101.25 - 123.74 (112.5)	316	478	540	712	874	1426	1372	990	359	361	280	327	8035
123.75 - 146.24 (135.0)	65	73	172	88	45	76	24	39	17	39	39	65	742
146.25 - 168.74 (157.5)	41	87	118	75	34	66	32	22	24	21	26	50	596
168.75 - 191.24 (180.0)	72	139	171	114	91	51	19	28	46	20	35	81	867
191.25 - 213.74 (202.5)	75	81	121	86	35	60	29	16	18	18	29	66	634
213.75 - 236.24 (225.0)	66	81	93	88	27	70	55	43	31	12	28	37	601
236.25 - 258.74 (247.5)	34	45	58	76	19	60	21	16	31	5	27	33	425
258.75 - 281.24 (270.0)	74	111	169	148	41	73	27	2	36	32	69	76	858
281.25 - 303.74 (292.5)	88	132	161	98	31	8	3	1	15	32	65	108	742
303.75 - 326.24 (315.0)	81	146	130	89	21	1	.	7	6	38	52	103	674
326.25 - 348.74 (337.5)	268	326	278	129	38	5	.	1	8	77	156	204	1490
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.50 N, LONG: 80.25 W, DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 19 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	170	483	25	.	.	.	.	.	.	.	678
1.00 - 1.99	80	1135	321	1	.	.	.	.	.	.	1537
2.00 - 2.99	.	144	579	14	.	.	.	.	.	.	737
3.00 - 3.99	.	.	110	83	1	.	.	.	.	.	194
4.00 - 4.99	.	.	3	8	.	.	.	.	.	.	11
5.00 - 5.99	.	.	.	1	3	.	.	.	.	.	4
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	250	1762	1038	107	4	0	0	0	0	0	3161

STATION: 19 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	200	555	795	915	990	434	93	17	8	.	4007
1.00 - 1.99	63	2157	2429	1352	1474	627	112	29	.	.	8243
2.00 - 2.99	.	59	1297	426	189	127	19	3	.	.	2120
3.00 - 3.99	.	.	56	276	38	6	13	4	.	.	393
4.00 - 4.99	.	.	.	16	53	21	2	.	.	.	92
5.00 - 5.99	.	.	.	.	13	2	.	.	.	.	15
6.00 - 6.99	.	.	.	.	.	3	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	263	2771	4577	2985	2757	1220	239	53	8	0	14873

STATION: 19 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	431	3390	12238	2745	437	95	4	9	.	.	19349
1.00 - 1.99	53	3210	5017	2628	784	143	38	6	.	.	11879
2.00 - 2.99	.	14	721	294	63	21	.	1	1	.	1115
3.00 - 3.99	.	.	12	110	20	2	1	1	.	.	146
4.00 - 4.99	.	.	.	3	15	.	4	.	.	.	22
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	484	6614	17988	5780	1319	261	47	17	1	0	32511

STATION: 19 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	295	319	183	.	.	.	.	.	.	.	797
1.00 - 1.99	45	950	79	3	.	.	.	.	.	.	1077
2.00 - 2.99	.	19	137	3	.	.	.	.	.	.	159
3.00 - 3.99	.	.	9	10	.	.	.	.	.	.	19
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	340	1288	408	16	0	0	0	0	0	0	2052

STATION: 19 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	355	19	.	.	.	.	.	.	.	.	374
1.00 - 1.99	104	843	.	.	.	.	.	.	.	.	947
2.00 - 2.99	.	167	5	.	.	.	.	.	.	.	172
3.00 - 3.99	.	.	2	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	459	1029	7	0	0	0	0	0	0	0	1495

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.50 N, LONG: 80.25 W, DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 19 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	434		.	.	.	.	.	.	.	.	434
1.00 - 1.99	442	206	.	.	.	.	.	.	.	.	648
2.00 - 2.99	.	18	.	.	.	.	.	.	.	.	18
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	876	224	0	0	0	0	0	0	0	0	1100

STATION: 19 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	661		.	.	.	.	.	.	.	.	661
1.00 - 1.99	624	122	.	.	.	.	.	.	.	.	746
2.00 - 2.99	.	32	.	.	.	.	.	.	.	.	32
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1285	154	0	0	0	0	0	0	0	0	1439

STATION: 19 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	255	75	10	.	.	.	.	.	.	.	340
1.00 - 1.99	422	366	194	2	.	.	.	.	.	.	984
2.00 - 2.99	.	114	286	7	.	.	.	.	.	.	407
3.00 - 3.99	.	.	41	31	.	.	.	.	.	.	72
4.00 - 4.99	.	.	.	6	.	.	.	.	.	.	6
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	677	555	531	46	0	0	0	0	0	0	1809

STATION: 19 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2801	4841	13251	3660	1427	529	97	26	8	.	26640
1.00 - 1.99	1833	8989	8040	3986	2258	770	150	35	.	.	26061
2.00 - 2.99	.	567	3025	744	252	148	19	4	1	.	4760
3.00 - 3.99	.	.	230	510	59	8	14	5	.	.	826
4.00 - 4.99	.	.	3	33	68	21	6	.	.	.	131
5.00 - 5.99	.	.	.	1	16	2	.	.	.	.	19
6.00 - 6.99	.	.	.	.	.	3	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4634	14397	24549	8934	4080	1481	286	70	9	0	58440

STATION: 19

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	183	164	164	136	322	346	371	541	368	188	132	159	3074
2.50 - 4.99	1685	1518	1782	2119	2909	3313	3891	3687	2635	1995	1670	1754	28958
5.00 - 7.49	1345	1117	1446	1522	1195	815	634	673	1220	1288	1360	1414	14029
7.50 - 9.99	1144	1074	1086	866	491	272	59	59	456	1027	1156	1044	8734
10.00 - 12.49	392	387	326	119	30	45	5	.	90	312	328	371	2405
12.50 - 14.99	186	207	126	26	12	9	.	.	25	142	129	191	1053
15.00 - 17.49	21	35	22	9	1	.	.	.	5	8	10	24	135
17.50 - 19.99	4	18	8	3	.	.	.	.	1	.	11	3	48
20.00 - GREATER											4		4
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.50 N, LONG: 80.25 W, DEPTH: 27 M

STATION: 19

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	637	508	406	359	242	156	38	179	438	755	753	682	5153
22.50 - 67.49	(45.0)	801	544	476	415	502	323	166	346	1131	1618	1088	969	8379
67.50 - 112.49	(90.0)	632	468	578	911	1048	968	632	1078	1377	943	832	695	10162
112.50 - 157.49	(135.0)	569	535	809	860	984	940	1278	1164	741	406	421	583	9290
157.50 - 202.49	(180.0)	515	650	734	690	669	878	1329	940	332	201	312	438	7688
202.50 - 247.49	(225.0)	448	442	528	518	597	828	1003	679	307	178	271	339	6138
247.50 - 292.49	(270.0)	579	593	690	616	617	549	444	409	309	339	488	518	6151
292.50 - 337.49	(315.0)	779	780	739	431	301	158	70	165	165	520	635	736	5479
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 19

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.57	1.21	1.28	1.02	1.31	1.02	0.87	0.80	1.20	1.66	1.73	1.20	1.24
1957	1.47	1.45	0.92	1.37	0.85	0.87	0.71	0.90	1.01	1.48	1.57	1.64	1.18
1958	1.74	1.62	1.05	1.21	1.13	0.93	0.95	0.82	1.06	1.61	1.17	1.59	1.24
1959	1.51	1.30	1.43	1.13	0.98	0.76	0.88	0.80	1.28	1.06	1.76	1.77	1.22
1960	1.16	1.44	1.27	1.18	0.99	0.91	0.90	0.80	1.32	0.86	1.37	1.58	1.15
1961	1.42	1.20	1.03	1.06	0.94	0.89	0.82	0.88	1.13	1.79	1.37	1.15	1.14
1962	1.53	1.28	1.63	1.13	0.95	0.82	0.72	0.88	0.97	1.28	1.89	1.47	1.21
1963	1.40	1.48	1.21	1.04	1.07	0.82	0.71	0.66	1.32	1.81	1.53	1.37	1.20
1964	1.31	1.20	1.19	1.13	1.04	0.64	0.95	0.79	1.37	1.69	1.33	1.69	1.20
1965	1.34	1.44	1.12	0.90	0.77	0.86	0.80	0.69	1.46	1.40	1.36	1.44	1.13
1966	1.60	1.66	1.30	1.08	1.09	1.19	0.91	0.86	0.69	1.31	1.96	1.26	1.24
1967	1.28	1.40	1.34	1.20	0.88	0.96	0.83	0.76	1.20	1.31	1.47	1.22	1.15
1968	1.49	1.30	1.28	0.97	0.87	0.80	0.73	0.63	0.91	1.25	1.02	1.25	1.04
1969	1.58	1.63	1.25	1.30	1.43	0.73	0.74	1.00	1.09	1.89	1.66	1.23	1.29
1970	1.52	1.67	1.31	1.03	1.10	1.02	0.88	0.90	0.95	1.79	1.37	1.14	1.22
1971	1.24	1.33	1.20	0.81	0.84	0.75	0.75	0.82	1.15	0.92	1.51	1.85	1.10
1972	1.37	1.36	1.16	1.05	1.31	1.12	0.84	0.69	0.97	1.36	1.05	1.35	1.14
1973	1.41	1.46	1.35	1.23	0.92	0.91	0.72	0.78	0.87	1.47	1.14	1.25	1.12
1974	1.00	1.20	0.99	1.06	0.68	0.56	0.62	0.76	1.00	1.83	1.24	1.06	1.00
1975	1.51	1.06	1.32	1.13	0.74	0.65	0.93	0.72	1.07	1.05	1.67	1.97	1.15
MEAN	1.42	1.38	1.23	1.10	0.99	0.86	0.81	0.80	1.10	1.44	1.46	1.42	

STATION: 19

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	45 935	28 8 8	32 9 1	27 733	28 8 6	15 810	12 516	151010	26 8 4	4310 5	4912 5	26 833	4912 5
1957	33 8 1	3010 5	21 733	27 813	15 610	17 616	10 810	18 7 4	17 9 6	28 8 1	3910 6	36 935	3910 6
1958	5513 6	37 932	24 734	37 934	19 6 7	16 6 8	13 5 8	14 635	18 6 8	4211 3	30 8 5	34 9 8	5513 6
1959	36 935	24 8 8	3810 8	32 735	21 7 9	11 516	18 6 9	11 518	32 9 7	23 8 9	34 9 5	431036	431036
1960	28 834	31 834	35 934	26 7 1	2412 6	22 7 4	22 619	16 636	31 910	17 7 3	23 7 7	3910 3	3910 3
1961	27 734	26 810	29 833	25 833	17 610	17 8 7	12 910	14 710	26 8 3	31 9 8	28 716	26 834	31 9 8
1962	29 836	39 9 1	42 932	23 710	17 7 8	12 6 9	10 425	15 6 9	1812 5	3410 1	6613 4	4514 5	6613 4
1963	28 7 4	33 935	27 8 5	25 9 7	25 735	22 7 6	12 424	10 7 9	4111 7	39 9 1	30 832	4210 8	4210 8
1964	3611 8	24 618	21 635	17 610	40 936	9 710	18 710	18 710	2810 5	32 9 6	34 9 6	36 8 1	40 936
1965	33 834	30 933	27 7 2	19 8 5	12 4 4	16 615	12 7 5	11 421	5212 5	30 9 7	30 9 7	33 8 2	5212 5
1966	36 934	4011 7	25 9 4	1912 7	19 7 8	32 814	23 713	23 736	21 9 7	36 9 7	3710 4	33 8 5	4011 7
1967	26 733	38 9 0	27 8 6	29 8 7	15 8 6	17 8 6	11 810	10 8 9	20 7 5	24 7 7	3610 5	38 936	38 936
1968	36 9 5	32 832	34 933	18 735	20 7 8	29 812	10 417	10 6 5	1810 5	30 812	29 832	34 934	36 9 5
1969	35 8 4	34 911	31 833	19 618	21 9 9	11 610	10 423	16 7 4	25 8 5	3910 7	33 8 2	30 814	3910 7
1970	30 8 1	38 913	29 833	1910 5	23 713	19 710	13 6 6	14 611	1615 6	36 7 4	41 9 0	26 735	41 9 0
1971	42 834	27 634	27 734	15 429	20 714	11 910	10 810	16 5 8	2811 5	22 9 5	32 9 6	5012 6	5012 6
1972	3810 4	29 8 4	24 7 3	22 7 5	2411 5	34 912	16 6 8	10 710	17 6 5	30 8 5	21 618	30 9 3	3810 4
1973	32 935	33 836	26 813	24 9 8	22 712	18 712	10 8 8	13 5 8	21 610	32 9 5	34 9 4	24 814	34 9 4
1974	19 7 6	29 8 0	19 6 4	24 711	23 616	14 516	9 9 9	10 610	2510 4	5012 6	32 8 6	19 632	5012 6
1975	28 810	23 620	2712 5	21 735	14 516	11 7 7	2415 5	10 512	25 618	30 8 8	36 9 8	38 9 2	38 9 2
MAX	5513 6	4011 7	42 932	37 934	40 936	34 912	2415 5	23 736	5212 5	5012 6	6613 4	5012 6	

MAX Hmo(m): 6.6 MAX Tp(sec): 13. MAX Dp(deg): 36. DATE(gmt): 62112806

MAX WIND SPEED(m/sec): 21. MAX WIND DIRECTION(deg): 335. DATE(gmt): 62112806

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.75 N, LONG: 80.25 W, DEPTH: 36 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 20

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	34	60	51	67	70	127	53	65	79	35	33	41	715
0.50 - 0.99	1023	1095	1478	1701	2603	3137	3771	3896	2147	1286	1004	1142	24283
1.00 - 1.49	1829	1497	1945	2067	1629	1290	1058	926	1643	1598	1718	1758	18958
1.50 - 1.99	1085	886	880	734	486	159	49	62	553	967	1077	1039	7977
2.00 - 2.49	513	546	334	185	136	47	29	11	204	553	537	433	3528
2.50 - 2.99	249	228	166	25	19	26	.	.	113	268	212	303	1609
3.00 - 3.49	124	106	62	12	7	13	.	.	25	116	106	131	702
3.50 - 3.99	54	62	24	3	3	1	.	.	12	92	59	62	374
4.00 - 4.49	28	36	13	1	5	.	.	.	16	25	11	32	167
4.50 - 4.99	9	4	4	5	2	.	.	.	4	12	24	14	78
5.00 - 5.49	10	.	3	.	.	.	.	.	3	8	7	5	36
5.50 - 5.99	2	.	.	.	.	.	.	.	1	.	3	.	6
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	4	.	4
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	3	.	3
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	2	.	2
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 20

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	24	62	63	135	33	52	29	25	64	28	31	37	583
4.0 - 4.9	329	351	557	480	245	313	130	198	156	166	261	314	3500
5.0 - 5.9	467	511	744	626	382	334	226	346	530	380	464	450	5460
6.0 - 6.9	612	636	749	856	781	812	501	854	841	811	775	647	8875
7.0 - 7.9	1102	845	935	978	1380	1731	1994	1994	1172	1287	934	818	15170
8.0 - 8.9	982	716	677	702	1118	924	1365	997	944	947	815	862	11049
9.0 - 9.9	410	471	401	307	499	417	531	356	539	582	480	587	5580
10.0 - 10.9	269	259	232	231	262	128	113	84	287	356	239	467	2927
11.0 - 11.9	312	228	178	208	149	63	40	68	168	213	297	363	2287
12.0 - 12.9	200	185	164	124	50	26	6	30	54	109	202	205	1355
13.0 - 13.9	122	128	154	104	33	.	7	8	19	56	144	103	878
14.0 - 14.9	67	79	52	39	19	.	18	.	5	20	83	78	460
15.0 - 15.9	28	35	21	10	6	.	.	.	6	5	47	18	176
16.0 - 16.9	28	7	17	.	1	.	.	.	7	.	15	7	82
17.0 - 17.9	5	3	9	.	2	.	.	.	4	.	10	4	37
18.0 - 18.9	2	3	7	.	.	.	.	.	1	.	2	.	15
19.0 - 19.9	1	1	.	.	.	.	.	.	3	.	1	.	6
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 20

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	279	269	205	179	52	9	.	13	25	141	223	247	1642
11.25 - 33.74 (22.5)	249	220	184	159	52	11	1	35	99	246	288	248	1792
33.75 - 56.24 (45.0)	808	695	752	655	410	232	79	179	861	1159	954	702	7486
56.25 - 78.74 (67.5)	934	686	647	515	882	326	205	354	1292	1709	1287	1151	9988
78.75 - 101.24 (90.0)	1217	727	825	1241	1770	1865	2259	2606	1737	885	1017	1200	17349
101.25 - 123.74 (112.5)	421	577	755	949	1364	1878	2221	1559	549	483	379	447	11582
123.75 - 146.24 (135.0)	93	84	167	112	67	65	26	48	20	34	52	89	857
146.25 - 168.74 (157.5)	53	96	154	85	36	73	33	21	18	25	24	67	685
168.75 - 191.24 (180.0)	80	146	174	131	78	65	22	38	49	22	44	80	929
191.25 - 213.74 (202.5)	72	73	115	80	40	51	35	23	20	15	29	64	617
213.75 - 236.24 (225.0)	59	77	91	86	31	74	26	49	26	10	32	37	598
236.25 - 258.74 (247.5)	54	56	59	100	22	57	22	22	25	8	25	34	484
258.75 - 281.24 (270.0)	89	123	182	153	38	70	26	2	48	39	75	78	923
281.25 - 303.74 (292.5)	71	143	148	84	26	5	2	.	16	28	56	95	674
303.75 - 326.24 (315.0)	217	269	266	138	43	10	2	2	7	73	137	197	1368
326.25 - 348.74 (337.5)	264	279	236	133	49	9	1	2	8	83	178	224	1466
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.75 N LONG: 80.25 W DEPTH: 36 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 20 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	149	419	9	.	.	.	.	.	.	.	577
1.00 - 1.99	53	1129	312	.	.	.	.	.	.	.	1494
2.00 - 2.99	.	111	533	8	.	.	.	.	.	.	652
3.00 - 3.99	.	.	123	107	.	.	.	.	.	.	230
4.00 - 4.99	.	.	6	35	.	.	.	.	.	.	41
5.00 - 5.99	.	.	.	3	2	.	.	.	.	.	5
6.00 - 6.99	.	.	.	.	4	.	.	.	.	.	4
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	202	1659	983	153	7	0	0	0	0	0	3004

STATION: 20 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	169	433	738	811	847	366	76	9	4	.	3453
1.00 - 1.99	46	2026	2469	1323	1323	563	106	19	.	.	7875
2.00 - 2.99	.	51	1352	399	168	116	17	5	.	.	2108
3.00 - 3.99	.	.	54	284	36	9	10	3	.	.	396
4.00 - 4.99	.	.	1	38	36	17	3	.	.	.	95
5.00 - 5.99	.	.	.	2	25	1	.	.	.	.	28
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	1	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	215	2510	4614	2857	2435	1073	212	36	4	0	13956

STATION: 20 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	326	2910	11822	2230	379	95	2	10	1	.	17775
1.00 - 1.99	45	2917	6031	2775	721	155	42	6	.	.	12692
2.00 - 2.99	.	15	772	295	66	13	.	.	1	.	1162
3.00 - 3.99	.	.	15	115	16	2	.	.	.	.	148
4.00 - 4.99	.	.	.	8	17	.	.	.	.	.	25
5.00 - 5.99	.	.	.	.	.	.	2	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	371	5842	18640	5423	1199	265	46	16	2	0	31804

STATION: 20 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	251	469	652	1	.	.	.	.	.	.	1373
1.00 - 1.99	41	1057	272	7	.	.	.	.	.	.	1377
2.00 - 2.99	.	28	157	4	1	.	.	.	.	.	190
3.00 - 3.99	.	.	9	16	.	.	.	.	.	.	25
4.00 - 4.99	.	.	.	1	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	292	1554	1090	29	1	0	0	0	0	0	2966

STATION: 20 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	375	33	.	.	.	.	.	.	.	.	408
1.00 - 1.99	86	778	.	.	.	.	.	.	.	.	864
2.00 - 2.99	.	259	49	.	.	.	.	.	.	.	308
3.00 - 3.99	.	.	11	.	.	.	.	.	.	.	11
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	461	1070	60	0	0	0	0	0	0	0	1591

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.75 N, LONG: 80.25 W, DEPTH: 36 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 20 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	424		.	.	.	.	.	.	.	.	424
1.00 - 1.99	449	231	.	.	.	.	.	.	.	.	680
2.00 - 2.99	.	24	.	.	.	.	.	.	.	.	24
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	873	255	0	0	0	0	0	0	0	0	1128

STATION: 20 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	562		.	.	.	.	.	.	.	.	562
1.00 - 1.99	752	110	.	.	.	.	.	.	.	.	862
2.00 - 2.99	.	63	.	.	.	.	.	.	.	.	63
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1314	173	0	0	0	0	0	0	0	0	1487

STATION: 20 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	194	223	9	.	.	.	.	.	.	.	426
1.00 - 1.99	161	814	116	.	.	.	.	.	.	.	1091
2.00 - 2.99	.	231	396	3	.	.	.	.	.	.	630
3.00 - 3.99	.	4	257	3	.	.	.	.	.	.	264
4.00 - 4.99	.	.	54	29	.	.	.	.	.	.	83
5.00 - 5.99	.	.	.	7	.	.	.	.	.	.	7
6.00 - 6.99	.	.	.	3	.	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	355	1272	832	45	0	0	0	0	0	0	2504

STATION: 20 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2450	4487	13230	3042	1226	461	78	19	5	.	24998
1.00 - 1.99	1633	9062	9200	4105	2044	718	148	25	.	.	26935
2.00 - 2.99	.	782	3259	709	235	129	17	5	1	.	5137
3.00 - 3.99	.	4	469	525	52	11	10	3	.	.	1074
4.00 - 4.99	.	.	61	111	53	17	3	.	.	.	245
5.00 - 5.99	.	.	.	12	27	1	2	.	.	.	42
6.00 - 6.99	.	.	.	3	4	.	.	.	.	.	7
7.00 - 7.99	.	.	.	.	1	1	.	.	.	.	2
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4083	14335	26219	8507	3642	1338	258	52	6	0	58440

STATION: 20

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	159	156	143	128	272	304	328	456	341	170	108	133	2698
2.50 - 4.99	1679	1450	1743	2062	2930	3292	3869	3739	2613	1991	1674	1754	28796
5.00 - 7.49	1303	1125	1408	1562	1204	890	671	702	1230	1280	1355	1415	14145
7.50 - 9.99	1189	1100	1134	876	509	256	87	63	485	1041	1154	1033	8927
10.00 - 12.49	402	401	354	131	28	47	5	.	92	328	337	385	2510
12.50 - 14.99	200	227	145	27	16	11	.	.	34	142	144	204	1150
15.00 - 17.49	22	38	24	10	1	.	.	.	4	8	12	33	152
17.50 - 19.99	6	22	9	4	.	.	.	.	1	.	11	3	56
20.00 - GREATER		1									5		6
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 28.75 N, LONG: 80.25 W, DEPTH: 36 M

STATION: 20

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	624	511	407	356	242	154	46	185	438	757	766	680	5166
22.50 - 67.49 (45.0)	791	547	468	399	481	326	162	346	1155	1634	1056	926	8291
67.50 - 112.49 (90.0)	595	437	526	828	960	913	518	971	1341	923	805	661	9478
112.50 - 157.49 (135.0)	554	509	787	868	1001	922	1248	1169	695	388	430	566	9137
157.50 - 202.49 (180.0)	511	621	731	695	695	873	1298	946	351	190	303	463	7677
202.50 - 247.49 (225.0)	472	476	566	571	654	894	1173	765	311	191	292	357	6722
247.50 - 292.49 (270.0)	604	633	732	652	623	555	452	422	336	360	524	547	6440
292.50 - 337.49 (315.0)	809	786	743	431	304	163	63	156	173	517	624	760	5529
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 20

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.76	1.26	1.32	1.08	1.34	1.05	0.91	0.83	1.23	1.71	1.76	1.25	1.29
1957	1.52	1.50	0.98	1.41	0.87	0.91	0.75	0.93	1.03	1.51	1.63	1.68	1.22
1958	1.88	1.90	1.16	1.29	1.16	0.95	0.97	0.86	1.09	1.68	1.20	1.62	1.31
1959	1.55	1.34	1.51	1.14	1.00	0.79	0.92	0.81	1.33	1.11	1.83	1.85	1.26
1960	1.22	1.57	1.37	1.21	1.04	0.95	0.94	0.81	1.35	0.89	1.39	1.61	1.19
1961	1.47	1.27	1.10	1.14	0.98	0.92	0.85	0.91	1.15	1.82	1.40	1.22	1.19
1962	1.58	1.33	1.77	1.17	0.96	0.85	0.75	0.91	1.00	1.32	2.03	1.58	1.27
1963	1.46	1.59	1.28	1.07	1.10	0.86	0.73	0.67	1.38	1.86	1.58	1.46	1.25
1964	1.40	1.30	1.25	1.15	1.08	0.67	0.98	0.83	1.43	1.76	1.37	1.72	1.25
1965	1.39	1.54	1.21	0.94	0.79	0.88	0.83	0.71	1.49	1.45	1.36	1.45	1.17
1966	1.70	1.75	1.34	1.10	1.13	1.21	0.96	0.88	0.72	1.33	2.00	1.31	1.28
1967	1.34	1.46	1.37	1.23	0.92	1.00	0.86	0.78	1.25	1.30	1.47	1.25	1.18
1968	1.54	1.39	1.35	0.98	0.89	0.84	0.75	0.65	0.92	1.27	1.06	1.32	1.08
1969	1.61	1.72	1.33	1.32	1.48	0.77	0.76	1.03	1.13	1.93	1.67	1.32	1.34
1970	1.63	1.72	1.38	1.06	1.10	1.06	0.91	0.93	0.96	1.84	1.44	1.18	1.27
1971	1.32	1.41	1.31	0.84	0.88	0.77	0.79	0.85	1.18	0.96	1.55	1.91	1.15
1972	1.43	1.45	1.19	1.08	1.37	1.16	0.87	0.72	0.99	1.39	1.11	1.37	1.18
1973	1.46	1.53	1.41	1.28	0.95	0.95	0.73	0.80	0.89	1.49	1.18	1.32	1.16
1974	1.03	1.26	1.02	1.09	0.71	0.58	0.63	0.77	1.03	1.84	1.26	1.11	1.03
1975	1.55	1.12	1.38	1.17	0.77	0.69	0.95	0.75	1.10	1.07	1.70	2.00	1.19
MEAN	1.49	1.47	1.30	1.14	1.03	0.89	0.84	0.82	1.13	1.48	1.50	1.48	

STATION: 20

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	531035	28 8 9	34 836	35 832	30 8 6	16 910	12 910	161010	27 8 4	4511 5	5111 4	34 832	531035
1957	35 8 1	31 9 5	28 732	30 813	14 6 9	18 616	11 810	19 7 4	18 9 6	28 8 1	4010 6	39 934	4010 6
1958	5612 4	49 932	31 833	47 934	19 811	1510 9	14 5 8	17 634	18 8 7	4511 3	31 9 5	37 936	5612 4
1959	38 935	26 7 8	3610 9	33 936	20 7 9	11 516	16 5 9	12 518	33 9 7	24 8 8	36 834	49 934	49 934
1960	33 834	40 833	43 934	26 8 1	2411 6	22 8 5	22 718	16 635	34 911	17 7 3	22 7 7	4110 3	43 934
1961	33 733	27 811	39 832	32 832	17 616	18 7 5	12 910	14 710	27 7 3	31 9 9	29 734	33 732	39 832
1962	35 834	42 9 1	54 931	24 710	16 6 8	13 7 7	10 810	16 6 9	19 9 5	4310 1	7312 1	4814 5	7312 1
1963	33 835	40 834	31 835	24 732	26 735	23 7 6	12 510	10 7 9	4311 7	3910 2	39 831	4411 7	4411 7
1964	39 833	26 734	24 734	16 614	491035	10 710	18 711	19 711	3010 5	34 9 6	36 9 6	38 936	491035
1965	35 834	41 831	30 731	19 635	12 712	17 616	13 6 4	11 422	5611 4	3010 4	29 8 6	35 8 2	5611 4
1966	44 934	4410 7	25 9 4	1913 6	20 7 8	33 913	23 812	23 736	22 9 7	35 9 7	3810 3	34 8 5	4410 7
1967	31 732	411036	29 7 2	28 8 7	16 616	17 7 6	12 811	10 412	21 619	22 7 7	38 9 3	43 935	43 935
1968	38 9 6	41 831	46 932	23 733	20 7 8	29 8 4	10 517	10 6 6	1811 5	31 911	39 831	43 933	46 932
1969	38 9 3	37 836	38 832	22 619	22 9 9	12 610	11 711	17 7 5	27 8 5	40 9 7	34 8 1	34 732	40 9 7
1970	37 832	42 833	38 832	23 618	24 713	18 710	14 6 6	13 612	17 6 5	37 8 4	46 936	27 735	46 936
1971	451036	31 734	35 832	17 631	21 618	11 811	10 710	16 5 8	2811 5	23 9 5	33 9 6	5311 6	5311 6
1972	4110 4	38 831	25 7 3	23 8 3	31 731	38 912	16 6 8	11 710	17 7 4	31 8 5	24 619	30 7 1	4110 4
1973	33 935	38 934	27 617	2410 9	21 713	19 712	10 8 8	13 5 9	21 7 8	31 9 5	33 9 5	29 731	38 934
1974	20 7 6	30 836	19 632	22 710	25 714	13 615	9 8 9	10 610	26 9 4	5212 6	35 8 5	25 630	5212 6
1975	28 810	27 716	33 732	22 735	14 517	12 7 6	2314 5	10 512	27 717	29 8 5	40 834	41 9 2	41 9 2
MAX	5612 4	49 932	54 931	47 934	491035	38 912	2314 5	23 736	5611 4	5212 6	7312 1	5311 6	

MAX Hmo(m): 7.3 MAX Tp(sec): 12. MAX Dp(deg): 7. DATE(gmt): 62112806

MAX WIND SPEED(m/sec): 22. MAX WIND DIRECTION(deg): 315. DATE(gmt): 62112712

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.00 N LONG: 80.50 W DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 21

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	51	117	85	132	150	244	128	172	126	64	94	83	1446
0.50 - 0.99	1418	1353	1897	2129	3045	3491	4304	4225	2485	1534	1173	1454	28508
1.00 - 1.49	1751	1462	1798	1921	1275	885	471	507	1399	1495	1778	1748	16490
1.50 - 1.99	895	788	693	463	370	113	38	50	477	916	927	855	6585
2.00 - 2.49	452	474	280	124	87	44	19	6	179	518	479	374	3036
2.50 - 2.99	242	187	144	18	17	19	.	.	80	242	189	258	1396
3.00 - 3.49	99	110	47	6	6	4	.	.	20	109	94	115	610
3.50 - 3.99	33	24	9	3	8	.	.	.	22	55	22	43	219
4.00 - 4.49	7	5	7	4	1	.	.	.	8	17	14	21	84
4.50 - 4.99	12	.	.	.	1	.	.	.	4	10	19	9	55
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	3	.	3
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	3	.	3
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	4	.	4
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	1	.	1
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 21

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	60	109	147	231	114	168	130	101	95	68	60	81	1364
4.0 - 4.9	463	510	756	684	361	412	225	257	334	286	330	473	5091
5.0 - 5.9	536	585	764	695	454	428	243	455	724	485	557	555	6481
6.0 - 6.9	617	531	637	726	721	789	689	920	701	805	725	546	8407
7.0 - 7.9	909	699	699	676	1058	1243	1389	1506	925	1074	743	601	11522
8.0 - 8.9	771	502	560	606	1008	971	1395	1045	826	800	684	697	9865
9.0 - 9.9	418	468	429	307	593	500	621	428	532	591	492	597	5976
10.0 - 10.9	250	315	245	291	333	179	167	114	316	379	302	444	3335
11.0 - 11.9	396	271	217	241	185	81	67	78	226	228	316	433	2739
12.0 - 12.9	232	202	186	150	67	29	9	41	70	142	235	255	1618
13.0 - 13.9	140	163	188	135	37	.	7	14	24	63	172	142	1085
14.0 - 14.9	73	92	60	41	20	.	15	1	5	31	96	91	525
15.0 - 15.9	47	52	34	17	6	.	3	.	6	7	58	29	259
16.0 - 16.9	29	12	15	.	1	.	.	.	9	1	19	11	97
17.0 - 17.9	8	3	16	.	2	.	.	.	.	.	6	5	40
18.0 - 18.9	10	5	5	.	.	.	.	.	5	.	3	.	28
19.0 - 19.9	1	.	2	.	.	.	.	.	2	.	2	.	7
20.0 - LONGER	.	1	.	.	.	.	.	.	.	.	.	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 21

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	252	244	212	191	53	13	2	14	28	150	224	235	1618
11.25 - 33.74 (22.5)	242	178	150	161	55	18	2	39	109	243	247	205	1649
33.75 - 56.24 (45.0)	777	699	706	661	397	276	100	208	858	1091	918	690	7381
56.25 - 78.74 (67.5)	1254	931	957	781	1149	496	302	479	1639	2008	1606	1485	13087
78.75 - 101.24 (90.0)	1239	1029	1161	1574	2487	2987	3911	3699	1764	937	1031	1204	23023
101.25 - 123.74 (112.5)	133	148	205	291	341	450	340	259	126	134	114	153	2694
123.75 - 146.24 (135.0)	67	57	146	75	57	62	20	34	28	30	17	46	639
146.25 - 168.74 (157.5)	30	32	69	38	23	49	19	18	14	20	10	27	349
168.75 - 191.24 (180.0)	29	66	111	83	55	50	28	33	35	21	25	54	590
191.25 - 213.74 (202.5)	69	110	136	111	61	71	46	37	32	16	43	72	804
213.75 - 236.24 (225.0)	82	74	123	99	41	73	43	52	22	16	40	52	717
236.25 - 258.74 (247.5)	88	84	82	130	37	123	81	63	43	19	35	54	839
258.75 - 281.24 (270.0)	111	177	207	213	56	97	54	10	69	64	90	100	1248
281.25 - 303.74 (292.5)	125	168	212	108	41	15	5	2	13	51	96	142	978
303.75 - 326.24 (315.0)	222	308	274	169	58	12	5	5	12	72	149	229	1515
326.25 - 348.74 (337.5)	240	215	209	115	49	8	2	8	8	88	155	212	1309
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.00 N, LONG: 80.50 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 21 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	310	464	.	.	.	.	.	.	.	.	774
1.00 - 1.99	59	1172	145	.	.	.	.	.	.	.	1376
2.00 - 2.99	.	110	512	21	.	.	.	.	.	.	643
3.00 - 3.99	.	.	72	77	.	.	.	.	.	.	149
4.00 - 4.99	.	.	3	8	.	.	.	.	.	.	11
5.00 - 5.99	.	.	.	1	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	369	1746	732	107	0	0	0	0	0	0	2954

STATION: 21 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	317	755	923	1143	1369	601	117	27	6	.	5258
1.00 - 1.99	63	2293	2200	1318	1542	716	177	22	.	.	8331
2.00 - 2.99	.	53	1196	465	163	124	15	3	.	.	2019
3.00 - 3.99	.	.	24	301	48	9	9	4	.	.	395
4.00 - 4.99	.	.	.	3	69	21	4	.	.	.	97
5.00 - 5.99	.	.	.	.	3	.	.	.	.	.	3
6.00 - 6.99	.	.	.	.	3	2	.	.	.	.	5
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	380	3101	4343	3230	3197	1473	322	56	6	0	16108

STATION: 21 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	563	4151	11740	3547	484	69	7	4	1	.	20566
1.00 - 1.99	64	2756	3340	2108	597	53	19	5	1	.	8943
2.00 - 2.99	.	22	510	258	51	14	.	1	.	.	856
3.00 - 3.99	.	.	3	52	19	1	1	2	.	.	78
4.00 - 4.99	.	.	.	.	9	.	7	.	.	.	16
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	627	6929	15593	5965	1160	137	34	12	2	0	30459

STATION: 21 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	340	208	12	.	.	.	.	.	.	.	560
1.00 - 1.99	54	646	43	.	.	.	.	.	.	.	743
2.00 - 2.99	.	13	85	3	.	.	.	.	.	.	101
3.00 - 3.99	.	.	2	1	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	394	867	142	4	0	0	0	0	0	0	1407

STATION: 21 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	623	.	.	.	.	.	.	.	.	.	623
1.00 - 1.99	444	74	.	.	.	.	.	.	.	.	518
2.00 - 2.99	.	2	1	.	.	.	.	.	.	.	3
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1067	76	1	0	0	0	0	0	0	0	1144

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.00 N LONG: 80.50 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 21 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	651	.	.	.	.	.	.	.	.	.	651
1.00 - 1.99	539	291	.	.	.	.	.	.	.	.	830
2.00 - 2.99	.	18	.	.	.	.	.	.	.	.	18
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1190	309	0	0	0	0	0	0	0	0	1499

STATION: 21 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	980	.	.	.	.	.	.	.	.	.	980
1.00 - 1.99	920	184	.	.	.	.	.	.	.	.	1104
2.00 - 2.99	.	57	.	.	.	.	.	.	.	.	57
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1900	241	0	0	0	0	0	0	0	0	2141

STATION: 21 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	332	210	.	.	.	.	.	.	.	.	542
1.00 - 1.99	196	1030	4	.	.	.	.	.	.	.	1230
2.00 - 2.99	.	379	356	.	.	.	.	.	.	.	735
3.00 - 3.99	.	.	204	.	.	.	.	.	.	.	204
4.00 - 4.99	.	.	12	3	.	.	.	.	.	.	15
5.00 - 5.99	.	.	.	2	.	.	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	528	1619	576	5	0	0	0	0	0	0	2728

STATION: 21 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4116	5788	12675	4690	1853	670	124	31	7	.	29954
1.00 - 1.99	2339	8446	5732	3426	2139	769	196	27	1	.	23075
2.00 - 2.99	.	654	2660	747	214	138	15	4	.	.	4432
3.00 - 3.99	.	.	305	431	67	10	10	6	.	.	829
4.00 - 4.99	.	.	15	14	78	21	11	.	.	.	139
5.00 - 5.99	.	.	.	3	3	.	.	.	.	.	6
6.00 - 6.99	.	.	.	.	3	2	.	.	.	.	5
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6455	14888	21387	9311	4357	1610	356	68	8	0	58440

STATION: 21

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	155	145	133	130	267	264	298	436	321	155	101	137	2542
2.50 - 4.99	1618	1374	1664	1971	2827	3228	3758	3660	2571	1955	1659	1740	28025
5.00 - 7.49	1264	1115	1407	1587	1286	980	790	763	1209	1242	1351	1376	14370
7.50 - 9.99	1213	1121	1132	913	518	261	109	101	534	1097	1142	1007	9148
10.00 - 12.49	433	445	408	151	43	53	5	.	117	361	339	408	2763
12.50 - 14.99	244	248	172	32	18	13	.	.	43	143	176	245	1334
15.00 - 17.49	25	41	31	11	1	1	.	.	4	7	13	37	171
17.50 - 19.99	8	28	12	5	.	.	.	.	1	.	10	10	74
20.00 - GREATER		3	1								9		13
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION, 1956 - 1975
LAT: 29.00 N, LONG: 80.50 W, DEPTH: 18 M

STATION: 21

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	611	498	424	360	258	133	51	184	426	756	769	673	5143
22.50 - 67.49 (45.0)	781	536	458	369	457	360	164	345	1180	1609	1021	883	8163
67.50 - 112.49 (90.0)	571	433	506	732	865	873	440	867	1287	934	769	626	8903
112.50 - 157.49 (135.0)	514	491	757	922	996	878	1156	1150	674	360	430	542	8870
157.50 - 202.49 (180.0)	525	580	708	682	719	838	1250	949	364	212	303	488	7618
202.50 - 247.49 (225.0)	490	523	604	618	709	970	1345	858	329	184	332	381	7343
247.50 - 292.49 (270.0)	635	646	760	691	625	577	474	424	344	367	550	594	6687
292.50 - 337.49 (315.0)	833	813	743	426	331	171	80	183	196	538	626	773	5713
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 21

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.63	1.15	1.20	0.98	1.21	0.93	0.79	0.74	1.14	1.60	1.62	1.15	1.18
1957	1.40	1.37	0.93	1.27	0.78	0.83	0.67	0.85	0.95	1.40	1.50	1.52	1.12
1958	1.71	1.69	1.09	1.18	1.04	0.87	0.86	0.78	1.01	1.59	1.11	1.52	1.20
1959	1.42	1.25	1.39	1.03	0.91	0.73	0.82	0.75	1.26	1.06	1.73	1.72	1.17
1960	1.13	1.42	1.28	1.09	0.96	0.83	0.81	0.73	1.27	0.84	1.27	1.49	1.09
1961	1.38	1.14	0.99	1.07	0.87	0.80	0.75	0.84	1.08	1.70	1.33	1.12	1.09
1962	1.45	1.20	1.66	1.04	0.90	0.76	0.66	0.82	0.92	1.24	1.90	1.51	1.17
1963	1.37	1.50	1.14	1.01	1.01	0.79	0.66	0.61	1.32	1.77	1.47	1.39	1.17
1964	1.31	1.22	1.12	1.02	1.01	0.61	0.88	0.74	1.30	1.66	1.29	1.56	1.14
1965	1.29	1.40	1.11	0.89	0.70	0.78	0.73	0.63	1.38	1.40	1.28	1.34	1.07
1966	1.58	1.57	1.24	1.02	0.99	1.07	0.86	0.78	0.67	1.25	1.89	1.21	1.18
1967	1.23	1.33	1.26	1.16	0.82	0.93	0.75	0.69	1.19	1.22	1.37	1.13	1.09
1968	1.43	1.33	1.24	0.91	0.80	0.76	0.67	0.57	0.86	1.18	0.95	1.20	0.99
1969	1.53	1.60	1.23	1.18	1.35	0.70	0.68	0.94	1.08	1.80	1.55	1.21	1.24
1970	1.53	1.55	1.22	0.97	1.02	0.94	0.80	0.82	0.89	1.73	1.34	1.09	1.16
1971	1.21	1.24	1.22	0.78	0.78	0.69	0.69	0.77	1.12	0.93	1.44	1.76	1.05
1972	1.28	1.34	1.07	1.00	1.27	1.06	0.78	0.64	0.92	1.33	1.06	1.22	1.08
1973	1.33	1.40	1.25	1.13	0.86	0.82	0.66	0.71	0.82	1.40	1.07	1.20	1.05
1974	0.92	1.15	0.94	0.94	0.64	0.48	0.55	0.68	0.94	1.69	1.19	1.04	0.93
1975	1.39	1.01	1.27	1.03	0.67	0.63	0.87	0.64	0.97	0.97	1.52	1.83	1.07
MEAN	1.38	1.34	1.19	1.04	0.93	0.80	0.75	0.74	1.05	1.39	1.39	1.36	

STATION: 21

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	4916 8	27 8 8	31 8 2	31 731	28 9 6	17 531	11 4 8	1510 9	27 8 3	4011 5	4611 5	30 731	4916 8
1957	32 8 1	31 9 4	26 732	27 812	16 530	15 521	10 6 9	18 7 4	18 9 6	25 8 7	3610 6	34 9 0	3610 6
1958	4712 5	41 830	27 732	42 935	19 6 6	1511 8	13 5 8	16 633	18 6 8	4311 4	28 9 5	35 835	4712 5
1959	33 9 0	24 8 8	3210 8	29 835	18 7 9	12 530	16 510	11 423	29 9 6	23 8 8	3510 4	43 833	43 833
1960	28 732	35 832	37 834	23 731	23 631	22 7 5	15 521	17 636	3210 8	17 6 1	22 7 4	3710 4	3710 4
1961	29 733	25 714	32 831	29 731	15 6 4	17 636	1110 9	13 6 9	27 9 4	29 9 8	28 8 0	30 732	32 831
1962	31 9 1	38 9 1	44 932	24 7 1	15 6 4	12 8 6	10 428	15 6 9	18 9 5	3910 3	6512 4	4814 6	6512 4
1963	30 8 3	35 835	28 732	23 734	24 735	22 7 5	12 425	11 425	4111 7	3711 4	33 730	4111 7	4111 7
1964	3411 7	25 734	26 734	16 614	4510 0	10 411	17 6 9	19 7 9	30 9 5	3310 3	3310 5	35 9 1	4510 0
1965	31 734	34 831	28 8 2	19 8 5	12 532	16 614	12 7 5	11 423	4912 6	2910 5	25 8 6	32 8 2	4912 6
1966	39 833	4311 6	2410 5	18 611	20 7 8	29 812	22 711	22 7 1	20 9 7	31 8 5	3610 4	32 9 5	4311 6
1967	29 732	3510 1	28 7 3	26 8 7	16 635	17 7 5	11 9 9	9 413	20 7 5	21 7 7	3310 4	41 9 0	41 9 0
1968	32 9 6	38 831	41 831	23 631	18 7 8	30 9 4	9 7 9	10 6 5	1711 5	28 810	3610 4	36 832	41 831
1969	3510 4	34 8 0	34 832	18 6 8	21 7 8	11 610	10 424	17 7 4	27 9 5	3810 7	31 8 2	32 731	3810 7
1970	32 8 0	35 832	33 832	1610 6	21 712	17 610	13 6 5	13 524	17 7 5	35 9 4	39 9 1	27 735	39 9 1
1971	3910 1	28 734	30 731	19 631	21 612	10 9 9	9 8 9	14 5 8	2811 6	23 8 5	31 9 6	4712 6	4712 6
1972	37 9 1	31 730	24 7 3	24 7 4	30 732	33 910	15 6 5	10 411	18 6 5	28 8 5	23 8 6	28 8 1	37 9 1
1973	30 935	36 835	26 814	2210 8	20 712	19 711	10 8 8	12 510	22 6 9	28 9 5	31 8 4	27 730	36 835
1974	20 7 6	26 8 0	19 632	21 710	21 714	9 514	9 9 8	9 610	2610 5	4712 5	33 8 5	25 731	4712 5
1975	27 8 9	2210 6	32 732	23 635	11 418	12 7 7	2215 6	9 5 7	18 616	27 8 8	34 835	4110 3	4110 3
MAX	4916 8	4311 6	44 932	42 935	4510 0	33 910	2215 6	22 7 1	4912 6	4712 5	6512 4	4814 6	

MAX Hmo(m): 6.5 MAX Tp(sec): 12. MAX Dp(deg): 36. DATE(gmt): 62112806

MAX WIND SPEED(m/sec): 23. MAX WIND DIRECTION(deg): 320. DATE(gmt): 62112712

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.25 N, LONG: 80.75 W, DEPTH: 22 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 22

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	74	160	123	190	197	312	191	223	138	87	138	127	1960
0.50 - 0.99	1504	1373	1974	2177	3089	3481	4286	4203	2500	1576	1224	1485	28872
1.00 - 1.49	1658	1384	1713	1841	1171	822	422	475	1337	1426	1726	1697	15672
1.50 - 1.99	868	827	669	436	379	113	47	53	507	895	897	841	6532
2.00 - 2.49	465	441	289	112	87	45	13	6	170	499	431	368	2926
2.50 - 2.99	251	218	147	32	20	17	1	.	82	275	217	238	1498
3.00 - 3.49	87	86	32	6	6	9	.	.	24	93	92	127	562
3.50 - 3.99	35	27	10	2	7	1	.	.	26	75	27	40	250
4.00 - 4.49	7	3	3	4	3	.	.	.	12	18	21	24	95
4.50 - 4.99	11	1	.	.	1	.	.	.	3	16	16	13	61
5.00 - 5.49	.	.	.	.	.	.	.	.	1	.	3	.	4
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	2	.	2
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	4	.	4
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	2	.	2
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 22

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	76	134	170	252	149	186	143	105	96	72	75	93	1551
4.0 - 4.9	494	559	819	742	371	427	271	270	334	310	361	489	5447
5.0 - 5.9	627	644	814	717	454	404	228	372	697	498	613	657	6725
6.0 - 6.9	673	592	694	676	720	777	608	903	742	803	760	539	8487
7.0 - 7.9	850	630	588	663	1064	1326	1498	1585	946	1142	723	634	11649
8.0 - 8.9	729	486	573	555	970	923	1326	1050	817	791	678	635	9533
9.0 - 9.9	398	451	417	356	606	486	623	425	570	555	448	543	5878
10.0 - 10.9	233	289	230	272	314	155	174	122	287	355	309	488	3228
11.0 - 11.9	371	233	200	245	186	88	54	76	200	210	283	382	2528
12.0 - 12.9	228	211	171	142	62	28	9	38	70	127	223	222	1531
13.0 - 13.9	132	138	174	130	36	.	8	12	21	65	165	138	1019
14.0 - 14.9	64	88	51	34	21	.	16	2	1	25	82	98	482
15.0 - 15.9	37	48	27	15	5	.	2	.	7	5	55	26	227
16.0 - 16.9	35	11	17	1	1	.	.	.	5	2	14	11	97
17.0 - 17.9	8	5	12	.	1	.	.	.	5	.	6	4	41
18.0 - 18.9	4	1	3	.	.	.	.	.	2	.	3	1	14
19.0 - 19.9	1	.	.	.	.	.	.	.	.	.	1	.	2
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	1	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 22

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	323	304	245	212	75	16	5	19	34	180	258	291	1962
11.25 - 33.74 (22.5)	251	184	161	154	64	26	3	44	129	275	272	214	1777
33.75 - 56.24 (45.0)	591	470	481	426	274	216	71	154	675	835	636	476	5305
56.25 - 78.74 (67.5)	1291	996	1025	863	1122	464	292	500	1703	2110	1671	1514	13551
78.75 - 101.24 (90.0)	1269	1069	1209	1584	2442	2896	3783	3576	1806	985	1105	1262	22986
101.25 - 123.74 (112.5)	157	179	234	361	470	593	451	388	178	156	160	186	3513
123.75 - 146.24 (135.0)	66	59	154	71	57	59	19	31	26	28	19	59	648
146.25 - 168.74 (157.5)	28	34	73	44	34	41	22	20	14	21	13	21	365
168.75 - 191.24 (180.0)	39	68	99	85	53	65	26	27	36	20	32	65	615
191.25 - 213.74 (202.5)	78	111	153	128	64	69	57	47	32	19	50	69	877
213.75 - 236.24 (225.0)	84	82	127	113	52	80	53	61	23	14	44	58	791
236.25 - 258.74 (247.5)	96	92	82	145	49	143	94	56	40	13	32	60	902
258.75 - 281.24 (270.0)	116	202	226	235	62	95	65	21	67	70	97	122	1378
281.25 - 303.74 (292.5)	116	179	226	118	37	12	10	2	13	61	116	151	1041
303.75 - 326.24 (315.0)	225	280	277	151	55	13	5	5	14	73	140	207	1445
326.25 - 348.74 (337.5)	230	211	188	110	50	12	4	9	10	100	155	205	1284
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.25 N LONG: 80.75 W DEPTH: 22 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 22 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	346	477	1	.	.	.	.	.	.	.	824
1.00 - 1.99	70	1265	244	.	.	.	.	.	.	.	1579
2.00 - 2.99	.	227	536	12	.	.	.	.	.	.	775
3.00 - 3.99	.	.	113	85	.	.	.	.	.	.	198
4.00 - 4.99	.	.	3	19	.	.	.	.	.	.	22
5.00 - 5.99	.	.	.	.	1	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	3	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	416	1969	897	116	4	0	0	0	0	0	3402

STATION: 22 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	373	754	759	1057	1227	529	109	13	.	.	4821
1.00 - 1.99	64	2272	1833	1007	1142	481	109	11	.	.	6919
2.00 - 2.99	.	60	1161	335	109	86	17	5	.	.	1773
3.00 - 3.99	.	.	35	315	31	9	4	.	.	.	394
4.00 - 4.99	.	.	.	22	66	18	3	.	.	.	109
5.00 - 5.99	.	.	.	.	4	.	.	.	.	.	4
6.00 - 6.99	.	.	.	.	3	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	437	3086	3788	2736	2582	1123	242	29	0	0	14023

STATION: 22 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	585	4022	12277	3839	685	159	17	14	3	.	21601
1.00 - 1.99	79	2622	3305	2064	697	196	50	11	.	.	9024
2.00 - 2.99	.	26	585	274	60	18	6	1	.	.	970
3.00 - 3.99	.	.	5	72	16	5	4	.	.	.	102
4.00 - 4.99	.	.	.	1	15	.	5	.	.	.	21
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	664	6670	16172	6250	1473	378	82	26	3	0	31718

STATION: 22 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	350	210	12	.	.	.	.	.	.	.	572
1.00 - 1.99	60	637	30	.	.	.	.	.	.	.	727
2.00 - 2.99	.	19	88	1	.	.	.	.	.	.	108
3.00 - 3.99	.	.	2	3	.	.	.	.	.	.	5
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	410	866	132	4	0	0	0	0	0	0	1412

STATION: 22 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	651	.	.	.	.	.	.	.	.	.	651
1.00 - 1.99	475	104	.	.	.	.	.	.	.	.	579
2.00 - 2.99	.	3	.	.	.	.	.	.	.	.	3
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1126	107	0	0	0	0	0	0	0	0	1233

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.25 N, LONG: 80.75 W, DEPTH: 22 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 22 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	722		.	.	.	.	.	.	.	.	722
1.00 - 1.99	570	307	.	.	.	.	.	.	.	.	877
2.00 - 2.99	.	22	.	.	.	.	.	.	.	.	22
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1292	329	0	0	0	0	0	0	0	0	1621

STATION: 22 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1099		.	.	.	.	.	.	.	.	1099
1.00 - 1.99	958	244	.	.	.	.	.	.	.	.	1202
2.00 - 2.99	.	65	.	.	.	.	.	.	.	.	65
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2057	309	0	0	0	0	0	0	0	0	2366

STATION: 22 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	403	139	.	.	.	.	.	.	.	.	542
1.00 - 1.99	193	1104	.	.	.	.	.	.	.	.	1297
2.00 - 2.99	.	630	78	.	.	.	.	.	.	.	708
3.00 - 3.99	.	3	110	.	.	.	.	.	.	.	113
4.00 - 4.99	.	.	4	.	.	.	.	.	.	.	4
5.00 - 5.99	.	.	1	.	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	596	1876	193	0	0	0	0	0	0	0	2665

STATION: 22 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4529	5602	13049	4896	1912	688	126	27	3	.	30832
1.00 - 1.99	2469	8555	5412	3071	1839	677	159	22	.	.	22204
2.00 - 2.99	.	1052	2448	622	169	104	23	6	.	.	4424
3.00 - 3.99	.	3	265	475	47	14	8	.	.	.	812
4.00 - 4.99	.	.	7	42	81	18	8	.	.	.	156
5.00 - 5.99	.	.	1	.	5	.	.	.	.	.	6
6.00 - 6.99	.	.	.	.	6	.	.	.	.	.	6
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6998	15212	21182	9106	4059	1501	324	55	3	0	58440

STATION: 22

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	215	181	157	191	338	347	379	550	405	192	148	177	3280
2.50 - 4.99	1598	1352	1670	1925	2773	3158	3627	3540	2471	1931	1657	1749	27451
5.00 - 7.49	1196	1087	1352	1547	1263	965	823	754	1188	1212	1299	1284	13970
7.50 - 9.99	1191	1084	1111	919	514	261	125	115	559	1087	1120	1003	9089
10.00 - 12.49	443	466	425	161	50	50	6	1	119	372	345	425	2863
12.50 - 14.99	280	260	193	41	21	18	.	.	53	153	193	262	1474
15.00 - 17.49	29	52	35	10	1	1	.	.	4	13	16	46	207
17.50 - 19.99	8	34	14	6	.	.	.	.	1	.	12	14	89
20.00 - GREATER		4	3								10		17
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.25 N, LONG: 80.75 W, DEPTH: 22 M

STATION: 22

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	621	524	420	359	262	138	63	181	437	789	764	651	5209
22.50 - 67.49 (45.0)	765	523	460	355	455	384	159	365	1209	1610	1016	851	8152
67.50 - 112.49 (90.0)	562	444	488	684	792	849	411	808	1246	903	728	605	8520
112.50 - 157.49 (135.0)	466	458	733	910	980	837	1069	1052	650	369	437	519	8480
157.50 - 202.49 (180.0)	512	553	701	672	749	825	1249	1008	378	217	290	493	7647
202.50 - 247.49 (225.0)	526	552	615	669	742	1002	1430	911	343	189	362	409	7750
247.50 - 292.49 (270.0)	631	652	781	715	629	578	477	446	337	358	560	604	6768
292.50 - 337.49 (315.0)	877	814	762	436	351	187	102	189	200	525	643	828	5914
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 22

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.57	1.14	1.18	0.96	1.19	0.91	0.77	0.72	1.13	1.62	1.59	1.14	1.16
1957	1.39	1.36	0.91	1.25	0.75	0.81	0.65	0.84	0.95	1.40	1.50	1.47	1.11
1958	1.67	1.61	1.06	1.18	1.03	0.86	0.83	0.77	1.00	1.60	1.09	1.51	1.18
1959	1.40	1.26	1.40	1.01	0.89	0.71	0.80	0.73	1.28	1.08	1.74	1.71	1.17
1960	1.11	1.43	1.28	1.07	0.94	0.81	0.79	0.69	1.28	0.83	1.24	1.48	1.08
1961	1.38	1.11	0.96	1.08	0.85	0.77	0.73	0.83	1.08	1.67	1.33	1.10	1.07
1962	1.44	1.18	1.61	1.03	0.88	0.74	0.64	0.81	0.92	1.24	1.91	1.51	1.16
1963	1.36	1.54	1.12	0.99	1.00	0.79	0.64	0.59	1.34	1.79	1.46	1.42	1.17
1964	1.31	1.23	1.10	1.00	1.00	0.59	0.87	0.72	1.32	1.70	1.31	1.55	1.14
1965	1.28	1.39	1.10	0.91	0.65	0.77	0.71	0.61	1.38	1.42	1.25	1.31	1.06
1966	1.57	1.55	1.22	0.99	0.99	1.06	0.86	0.77	0.68	1.25	1.86	1.18	1.16
1967	1.20	1.31	1.24	1.14	0.80	0.94	0.72	0.68	1.20	1.20	1.35	1.09	1.07
1968	1.40	1.29	1.22	0.87	0.79	0.77	0.66	0.57	0.84	1.19	0.90	1.19	0.97
1969	1.53	1.55	1.21	1.15	1.35	0.69	0.66	0.94	1.09	1.80	1.52	1.21	1.22
1970	1.52	1.52	1.19	0.95	1.01	0.93	0.78	0.80	0.87	1.73	1.30	1.09	1.14
1971	1.20	1.24	1.20	0.76	0.76	0.67	0.67	0.76	1.11	0.95	1.45	1.76	1.04
1972	1.29	1.33	1.05	0.97	1.28	1.06	0.77	0.63	0.90	1.34	1.08	1.19	1.07
1973	1.31	1.40	1.23	1.11	0.84	0.80	0.65	0.69	0.80	1.40	1.05	1.19	1.04
1974	0.91	1.12	0.93	0.93	0.63	0.46	0.54	0.65	0.94	1.66	1.16	1.03	0.91
1975	1.36	1.01	1.26	1.00	0.65	0.63	0.85	0.61	0.96	0.97	1.47	1.79	1.05
MEAN	1.36	1.33	1.17	1.02	0.91	0.79	0.73	0.72	1.05	1.39	1.38	1.35	

STATION: 22

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	49 935	29 8 8	31 9 2	31 732	31 9 6	17 530	11 910	1410 9	29 8 3	4211 5	4611 5	30 731	49 935
1957	34 8 0	32 9 5	24 632	28 812	17 635	18 614	10 8 9	19 7 3	19 9 6	27 736	3610 6	34 8 0	3610 6
1958	4912 5	38 730	24 630	43 935	19 7 5	1510 8	14 5 8	16 532	19 6 8	4612 4	28 8 5	38 9 1	4912 5
1959	35 9 0	26 7 8	32 9 8	29 835	17 611	11 421	15 510	12 423	31 9 6	23 8 8	39 9 4	4511 6	4511 6
1960	28 733	36 732	35 733	25 7 0	24 631	22 7 4	15 521	17 636	35 9 8	17 7 3	23 7 4	3910 4	3910 4
1961	29 733	25 714	31 730	27 813	16 6 5	17 636	10 9 9	12 610	30 9 4	29 9 8	29 735	27 733	31 730
1962	33 9 1	39 9 1	41 832	26 7 1	15 6 4	12 8 6	10 428	15 6 9	19 9 5	4210 3	6612 4	4814 6	6612 4
1963	32 8 3	3910 4	27 8 0	22 634	25 7 0	23 7 5	12 425	10 7 9	4211 7	40 9 1	33 731	4311 8	4311 8
1964	3611 8	28 836	25 736	16 613	4610 2	11 430	18 6 9	19 7 8	31 9 5	3710 2	3410 6	38 8 0	4610 2
1965	29 735	33 730	31 8 2	20 736	13 533	16 614	12 7 5	11 423	5012 5	3010 5	25 8 6	34 8 2	5012 5
1966	36 733	4611 7	24 9 5	18 6 0	23 7 7	30 812	25 810	22 7 1	1910 8	29 8 6	3710 3	35 8 5	4611 7
1967	27 732	37 9 1	29 7 3	26 7 0	18 635	17 8 6	11 422	9 413	20 7 5	21 7 7	3310 4	46 936	46 936
1968	33 9 6	38 730	39 730	24 631	19 7 8	33 9 4	10 6 8	10 6 5	1711 6	29 9 9	34 730	33 732	39 730
1969	3710 3	34 8 0	33 9 9	19 6 8	23 7 9	12 511	11 425	18 7 5	30 9 5	3910 7	33 8 1	32 913	3910 7
1970	33 836	34 8 0	29 733	1610 6	22 711	17 610	14 613	13 524	19 7 5	37 9 4	41 9 1	27 735	41 9 1
1971	39 9 0	27 8 5	29 735	20 631	22 712	10 9 9	9 415	14 8 9	2911 6	24 9 6	32 9 5	4812 6	4812 6
1972	38 9 1	30 731	25 7 4	27 7 4	31 9 1	36 910	15 6 6	10 411	20 6 5	29 8 5	24 8 6	30 7 0	38 9 1
1973	31 9 0	38 835	27 814	22 631	21 712	21 711	10 8 8	12 510	21 7 9	28 8 4	32 8 4	27 630	38 835
1974	22 7 5	26 8 0	19 6 5	21 710	20 714	9 413	9 9 8	9 610	27 9 5	4912 5	34 8 5	26 630	4912 5
1975	30 8 9	2310 6	31 9 5	25 635	12 415	13 7 7	2015 6	9 5 8	19 9 6	29 8 6	34 734	4310 3	4310 3
MAX	4912 5	4611 7	41 832	43 935	4610 2	36 910	25 810	22 7 1	5012 5	4912 5	6612 4	4812 6	

MAX Hmo(m): 6.6 MAX Tp(sec): 12. MAX Dp(deg): 36. DATE(gmt): 62112803

MAX WIND SPEED(m/sec): 24. MAX WIND DIRECTION(deg): 315. DATE(gmt): 62112706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.50 N, LONG: 81.00 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 23

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	113	212	180	250	269	389	258	282	160	111	176	199	2599
0.50 - 0.99	1633	1456	2081	2265	3131	3464	4262	4166	2590	1645	1354	1609	29656
1.00 - 1.49	1650	1451	1701	1797	1096	771	376	460	1272	1499	1730	1686	15489
1.50 - 1.99	877	769	637	376	356	107	56	47	464	816	868	779	6152
2.00 - 2.49	435	433	259	85	82	43	8	5	171	489	355	369	2734
2.50 - 2.99	170	135	84	20	12	17	.	.	83	217	187	169	1094
3.00 - 3.49	47	48	18	2	6	8	.	.	21	93	66	96	405
3.50 - 3.99	27	10	.	4	6	1	.	.	28	66	24	29	195
4.00 - 4.49	7	5	.	1	2	.	.	.	9	18	25	18	85
4.50 - 4.99	1	1	.	.	.	.	.	.	2	6	6	6	22
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	4	.	4
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	4	.	4
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	1	.	1
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 23

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	99	154	191	268	164	213	157	114	102	76	105	120	1763
4.0 - 4.9	671	739	1030	924	436	493	324	318	367	383	449	649	6783
5.0 - 5.9	686	733	882	639	456	353	223	371	724	493	662	636	6858
6.0 - 6.9	515	424	491	585	613	716	476	826	712	721	645	446	7170
7.0 - 7.9	706	485	477	593	1053	1267	1465	1564	918	1080	648	520	10776
8.0 - 8.9	690	471	569	595	1002	994	1378	1067	821	813	651	624	9675
9.0 - 9.9	447	480	421	354	606	504	663	432	549	566	464	569	6055
10.0 - 10.9	234	306	235	292	335	149	185	136	322	366	315	505	3380
11.0 - 11.9	396	239	203	228	172	82	55	74	196	222	278	395	2540
12.0 - 12.9	230	199	184	151	53	28	5	41	59	142	267	230	1589
13.0 - 13.9	127	144	161	116	38	1	10	15	16	68	148	140	984
14.0 - 14.9	66	79	62	44	25	.	15	2	1	26	85	88	492
15.0 - 15.9	53	46	27	11	5	.	4	.	1	4	66	24	241
16.0 - 16.9	29	17	13	.	2	.	.	.	6	.	8	11	86
17.0 - 17.9	6	4	12	.	.	.	.	.	6	.	3	2	33
18.0 - 18.9	4	.	2	.	.	.	.	.	.	.	3	1	10
19.0 - 19.9	1	.	.	.	.	.	.	.	1	.	2	.	4
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	1	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 23

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	283	252	207	187	79	18	7	21	42	211	234	254	1795
11.25 - 33.74 (22.5)	231	166	166	145	62	28	8	57	130	255	239	182	1669
33.75 - 56.24 (45.0)	413	346	294	257	180	120	37	102	435	630	412	329	3555
56.25 - 78.74 (67.5)	1422	1090	1170	961	1108	480	311	507	1824	2273	1838	1586	14570
78.75 - 101.24 (90.0)	1363	1181	1281	1656	2599	3046	3871	3727	1956	1065	1234	1412	24391
101.25 - 123.74 (112.5)	150	155	227	361	387	469	314	235	127	137	128	167	2857
123.75 - 146.24 (135.0)	68	50	143	72	64	61	29	38	28	23	33	66	675
146.25 - 168.74 (157.5)	26	35	78	42	43	35	20	20	17	20	8	23	367
168.75 - 191.24 (180.0)	54	81	104	86	48	75	30	32	33	25	32	75	675
191.25 - 213.74 (202.5)	88	121	151	134	71	85	70	51	34	21	53	75	954
213.75 - 236.24 (225.0)	83	89	131	114	63	95	57	77	30	14	47	67	867
236.25 - 258.74 (247.5)	89	94	109	161	51	142	115	58	39	13	35	61	967
258.75 - 281.24 (270.0)	148	205	236	251	71	105	75	24	69	69	105	146	1504
281.25 - 303.74 (292.5)	135	234	263	152	43	18	10	2	14	64	141	163	1239
303.75 - 326.24 (315.0)	200	230	223	126	47	11	3	2	12	57	127	165	1203
326.25 - 348.74 (337.5)	207	191	177	95	44	12	3	7	10	83	134	189	1152
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.50 N, LONG: 81.00 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 23 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	482	386	.	.	.	.	.	.	.	.	868
1.00 - 1.99	164	1292	100	.	.	.	.	.	.	.	1556
2.00 - 2.99	.	209	397	1	.	.	.	.	.	.	607
3.00 - 3.99	.	.	77	53	.	.	.	.	.	.	130
4.00 - 4.99	.	.	2	9	.	.	.	.	.	.	11
5.00 - 5.99	.	.	.	3	.	.	.	.	.	.	3
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	646	1887	576	66	0	0	0	0	0	0	3175

STATION: 23 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	458	738	629	827	991	460	109	5	.	.	4217
1.00 - 1.99	98	2210	1464	727	795	342	74	3	.	.	5713
2.00 - 2.99	.	69	1021	327	92	35	15	6	.	.	1565
3.00 - 3.99	.	.	35	273	46	5	.	.	.	.	359
4.00 - 4.99	.	.	.	10	54	17	5	.	.	.	86
5.00 - 5.99	.	.	.	.	5	.	.	.	.	.	5
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	556	3017	3149	2164	1984	859	203	14	0	0	11946

STATION: 23 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	650	3843	12807	4502	1110	276	35	20	5	.	23248
1.00 - 1.99	88	2469	3219	2313	936	286	66	8	.	.	9385
2.00 - 2.99	.	32	567	319	64	53	17	1	.	.	1053
3.00 - 3.99	.	.	1	66	25	2	6	.	.	.	100
4.00 - 4.99	.	.	.	.	10	.	.	.	.	.	10
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	738	6344	16594	7200	2145	617	124	29	5	0	33796

STATION: 23 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	360	182	9	.	.	.	.	.	.	.	551
1.00 - 1.99	66	638	32	.	.	.	.	.	.	.	736
2.00 - 2.99	.	26	86	3	.	.	.	.	.	.	115
3.00 - 3.99	.	.	4	2	.	.	.	.	.	.	6
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	426	846	131	5	0	0	0	0	0	0	1408

STATION: 23 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	715	.	.	.	.	.	.	.	.	.	715
1.00 - 1.99	483	121	.	.	.	.	.	.	.	.	604
2.00 - 2.99	.	5	.	.	.	.	.	.	.	.	5
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1198	126	0	0	0	0	0	0	0	0	1324

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.50 N LONG: 81.00 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 23 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	832	.	.	.	.	.	.	.	.	.	832
1.00 - 1.99	615	322	.	.	.	.	.	.	.	.	937
2.00 - 2.99	.	20	.	.	.	.	.	.	.	.	20
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1447	342	0	0	0	0	0	0	0	0	1789

STATION: 23 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1244	.	.	.	.	.	.	.	.	.	1244
1.00 - 1.99	1013	270	.	.	.	.	.	.	.	.	1283
2.00 - 2.99	.	73	.	.	.	.	.	.	.	.	73
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2257	343	0	0	0	0	0	0	0	0	2600

STATION: 23 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	560	20	.	.	.	.	.	.	.	.	580
1.00 - 1.99	718	709	.	.	.	.	.	.	.	.	1427
2.00 - 2.99	.	390	.	.	.	.	.	.	.	.	390
3.00 - 3.99	.	4	1	.	.	.	.	.	.	.	5
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1278	1123	1	0	0	0	0	0	0	0	2402

STATION: 23 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5301	5169	13445	5329	2101	736	144	25	5	.	32255
1.00 - 1.99	3245	8031	4815	3040	1731	628	140	11	.	.	21641
2.00 - 2.99	.	824	2071	650	156	88	32	7	.	.	3828
3.00 - 3.99	.	4	118	394	71	7	6	.	.	.	600
4.00 - 4.99	.	.	2	19	64	17	5	.	.	.	107
5.00 - 5.99	.	.	.	3	5	.	.	.	.	.	8
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8546	14028	20451	9435	4129	1476	327	43	5	0	58440

STATION: 23

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	244	195	185	244	373	410	441	681	467	237	175	219	3871
2.50 - 4.99	1579	1322	1651	1884	2719	3068	3518	3394	2405	1880	1679	1720	26819
5.00 - 7.49	1144	1080	1328	1507	1266	959	861	751	1140	1190	1253	1255	13734
7.50 - 9.99	1166	1040	1083	913	519	289	134	133	591	1083	1063	964	8978
10.00 - 12.49	478	496	440	182	58	54	6	1	122	387	374	444	3042
12.50 - 14.99	298	283	214	53	24	19	.	.	71	166	211	281	1620
15.00 - 17.49	42	53	36	10	1	1	.	.	3	15	21	51	233
17.50 - 19.99	9	45	19	7	.	.	.	.	1	2	14	26	123
20.00 - GREATER		6	4								10		20
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.50 N, LONG: 81.00 W, DEPTH: 18 M

STATION: 23

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	629	537	425	357	268	142	75	195	429	794	762	669	5282
22.50 - 67.49	(45.0)	759	513	436	351	445	414	164	396	1255	1619	994	806	8152
67.50 - 112.49	(90.0)	562	462	512	661	772	803	389	762	1207	896	709	612	8347
112.50 - 157.49	(135.0)	422	427	698	868	897	815	982	936	611	343	438	496	7933
157.50 - 202.49	(180.0)	512	528	666	673	770	820	1219	1055	394	229	284	491	7641
202.50 - 247.49	(225.0)	559	574	660	721	789	1028	1510	980	362	195	380	426	8184
247.50 - 292.49	(270.0)	637	673	805	736	647	599	508	465	352	374	569	643	7008
292.50 - 337.49	(315.0)	880	806	758	433	372	179	113	171	190	510	664	817	5893
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 23

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.38	1.12	1.12	0.93	1.15	0.88	0.76	0.71	1.10	1.57	1.48	1.08	1.11
1957	1.34	1.32	0.88	1.23	0.73	0.79	0.64	0.83	0.92	1.34	1.44	1.36	1.07
1958	1.53	1.39	0.97	1.13	0.99	0.84	0.80	0.75	0.99	1.52	1.06	1.45	1.12
1959	1.32	1.24	1.36	0.96	0.86	0.70	0.78	0.70	1.25	1.08	1.67	1.61	1.13
1960	1.02	1.34	1.20	1.02	0.91	0.78	0.78	0.66	1.26	0.81	1.18	1.37	1.03
1961	1.32	1.07	0.92	1.02	0.83	0.75	0.71	0.82	1.04	1.57	1.28	1.02	1.03
1962	1.37	1.12	1.49	0.99	0.85	0.73	0.63	0.80	0.90	1.19	1.82	1.40	1.11
1963	1.30	1.46	1.06	0.93	0.97	0.78	0.63	0.57	1.32	1.71	1.39	1.35	1.12
1964	1.24	1.16	1.05	0.97	0.96	0.59	0.86	0.71	1.30	1.66	1.27	1.49	1.10
1965	1.20	1.31	1.04	0.88	0.62	0.74	0.69	0.60	1.33	1.39	1.18	1.22	1.02
1966	1.46	1.48	1.15	0.96	0.97	1.02	0.85	0.74	0.68	1.22	1.75	1.11	1.11
1967	1.12	1.21	1.20	1.09	0.78	0.94	0.71	0.66	1.17	1.15	1.29	1.03	1.03
1968	1.32	1.19	1.13	0.83	0.77	0.77	0.65	0.57	0.81	1.14	0.82	1.10	0.92
1969	1.47	1.42	1.11	1.11	1.32	0.68	0.65	0.93	1.08	1.75	1.42	1.14	1.17
1970	1.42	1.42	1.11	0.91	0.98	0.91	0.76	0.78	0.85	1.68	1.20	1.05	1.09
1971	1.14	1.18	1.10	0.74	0.73	0.66	0.65	0.74	1.09	0.95	1.38	1.70	1.00
1972	1.26	1.25	1.00	0.93	1.23	1.05	0.76	0.61	0.87	1.32	1.06	1.12	1.04
1973	1.25	1.32	1.19	1.05	0.82	0.77	0.63	0.66	0.79	1.34	1.00	1.12	0.99
1974	0.89	1.05	0.89	0.89	0.61	0.43	0.51	0.62	0.91	1.57	1.11	0.97	0.87
1975	1.31	0.99	1.19	0.94	0.62	0.61	0.82	0.59	0.94	0.96	1.38	1.68	1.00
MEAN	1.28	1.25	1.11	0.98	0.89	0.77	0.71	0.70	1.03	1.35	1.31	1.27	

STATION: 23

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	45 936	28 9 8	30 7 0	24 632	31 9 7	15 9 9	12 9 9	1310 9	29 8 3	4011 5	4311 5	2410 9	45 936
1957	32 8 1	32 9 4	21 714	29 912	17 535	17 614	10 8 9	19 7 3	19 9 7	26 736	3410 6	29 735	3410 6
1958	4412 5	3312 7	22 713	40 9 0	19 6 6	1410 8	15 5 7	14 6 0	19 6 8	4512 4	27 8 5	37 9 1	4512 4
1959	34 9 1	26 8 9	30 9 9	27 8 0	17 6 9	11 4 8	12 510	12 423	30 9 6	24 8 7	4010 5	3910 4	4010 5
1960	23 632	3011 7	28 633	24 7 1	2211 7	21 7 5	16 515	17 636	33 9 8	18 6 1	22 7 4	3610 4	3610 4
1961	29 812	26 711	25 630	27 813	15 6 5	17 534	10 9 9	13 6 7	29 9 4	28 8 9	26 7 0	21 531	29 9 4
1962	31 836	37 9 3	33 631	25 7 1	14 6 4	12 433	11 427	14 7 9	19 8 6	39 936	6012 4	4614 7	6012 4
1963	31 8 4	4010 5	24 7 5	21 7 5	24 7 0	23 8 5	12 425	10 7 9	4111 7	3910 3	31 8 7	4311 8	4311 8
1964	3811 8	26 735	23 635	17 613	42 936	11 430	18 6 8	19 7 8	3010 6	38 9 1	3310 6	34 8 7	42 936
1965	26 8 5	31 913	29 8 2	20 636	11 4 6	16 615	12 7 6	11 423	4712 6	3010 5	24 8 6	31 8 2	4712 6
1966	29 633	4511 7	23 6 4	19 6 1	22 7 7	31 910	24 810	21 7 0	1810 8	26 8 7	3610 4	33 8 5	4511 7
1967	24 7 5	35 9 1	27 8 6	25 7 1	17 535	16 8 7	11 9 9	9 413	20 7 5	21 7 9	31 9 4	41 9 0	41 9 0
1968	31 9 6	32 630	3213 7	20 531	19 7 8	3310 5	12 5 9	11 6 5	17 6 5	28 9 9	2710 5	30 8 2	3310 5
1969	3710 4	33 910	34 812	19 6 8	22 7 9	12 510	11 421	18 7 6	30 9 5	3711 7	32 8 1	31 913	3711 7
1970	33 8 0	31 813	22 532	17 616	20 6 0	17 610	15 513	14 524	19 7 5	38 8 5	38 9 1	24 736	38 9 1
1971	37 9 1	28 8 5	28 736	19 531	23 712	11 423	10 414	14 910	29 8 1	24 9 7	30 9 7	4612 6	4612 6
1972	38 9 1	28 9 5	24 7 4	28 7 4	26 836	35 910	16 6 5	9 710	21 6 5	26 8 6	25 8 7	26 7 0	38 9 1
1973	29 835	34 836	26 814	2110 8	20 712	20 711	10 8 8	14 510	22 7 8	26 8 4	31 8 4	24 814	34 836
1974	21 7 7	26 8 1	18 6 5	20 710	22 714	9 425	9 9 8	8 8 9	27 9 5	4713 5	33 9 5	23 529	4713 5
1975	30 8 9	2310 7	26 9 5	23 635	11 418	14 5 9	1815 7	9 5 8	20 9 6	29 8 6	29 9 8	41 9 3	41 9 3
MAX	45 936	4511 7	34 812	40 9 0	42 936	35 910	24 810	21 7 0	4712 6	4713 5	6012 4	4612 6	

MAX Hmo(m): 6.0 MAX Tp(sec): 12. MAX Dp(deg): 43. DATE(gmt): 62112803

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 320. DATE(gmt): 62112706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.75 N, LONG: 81.00 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 24

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	109	197	163	236	241	276	199	216	138	111	167	199	2252
0.50 - 0.99	1562	1370	1907	2122	2988	3421	4102	4081	2525	1614	1344	1547	28583
1.00 - 1.49	1612	1393	1754	1867	1230	898	586	591	1319	1479	1699	1632	16060
1.50 - 1.99	926	868	715	446	378	125	63	62	489	848	876	834	6630
2.00 - 2.49	470	453	305	95	93	51	10	10	179	520	374	400	2960
2.50 - 2.99	189	159	95	25	16	17	.	.	80	205	204	191	1181
3.00 - 3.49	57	60	20	3	4	11	.	.	29	87	70	94	435
3.50 - 3.99	26	13	1	3	9	1	.	.	30	70	25	35	213
4.00 - 4.49	9	6	.	3	1	.	.	.	10	19	24	21	93
4.50 - 4.99	.	1	.	.	.	.	.	.	1	7	8	7	24
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	4	.	4
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	5	.	5
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 24

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	82	140	134	215	132	138	100	67	93	64	73	104	1342
4.0 - 4.9	662	667	984	971	488	543	444	380	334	383	450	627	6933
5.0 - 5.9	757	806	1023	779	513	450	256	402	825	510	739	728	7788
6.0 - 6.9	588	538	582	616	698	867	682	1039	837	787	668	503	8405
7.0 - 7.9	781	570	545	650	1148	1287	1475	1569	907	1108	689	582	11311
8.0 - 8.9	646	464	528	497	916	860	1194	917	704	791	639	582	8738
9.0 - 9.9	385	396	358	327	499	407	587	360	512	527	430	513	5301
10.0 - 10.9	195	261	195	244	289	151	143	113	296	350	290	470	2997
11.0 - 11.9	367	202	179	203	161	72	44	66	199	220	282	386	2381
12.0 - 12.9	231	210	160	133	53	25	10	31	59	133	235	223	1503
13.0 - 13.9	117	129	160	122	28	.	6	15	21	66	139	124	927
14.0 - 14.9	73	76	57	33	26	.	16	1	.	19	88	81	470
15.0 - 15.9	44	44	26	10	6	.	3	.	4	2	56	24	219
16.0 - 16.9	22	13	15	.	2	.	.	.	4	.	11	6	73
17.0 - 17.9	4	3	10	.	1	.	.	.	1	.	5	6	30
18.0 - 18.9	5	1	4	.	.	.	.	.	4	.	3	1	18
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	2	.	2
20.0 - LONGER	1	.	.	.	.	.	.	.	.	.	1	.	2
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 24

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	260	241	182	175	74	19	9	18	42	189	215	245	1669
11.25 - 33.74 (22.5)	219	151	159	138	64	24	6	48	120	263	231	176	1599
33.75 - 56.24 (45.0)	336	252	234	148	109	74	33	67	351	504	318	258	2684
56.25 - 78.74 (67.5)	1255	1028	1064	859	944	385	221	402	1613	2127	1682	1409	12989
78.75 - 101.24 (90.0)	1353	856	940	1222	2034	2080	2490	2812	1879	1058	1158	1347	19229
101.25 - 123.74 (112.5)	298	518	604	850	1091	1523	1682	1259	492	386	387	348	9438
123.75 - 146.24 (135.0)	73	51	157	96	80	76	41	47	31	25	43	63	783
146.25 - 168.74 (157.5)	60	81	117	80	58	59	38	25	35	29	29	63	674
168.75 - 191.24 (180.0)	94	134	157	153	93	91	78	54	36	32	44	133	1099
191.25 - 213.74 (202.5)	99	129	163	169	70	86	81	64	25	26	60	86	1058
213.75 - 236.24 (225.0)	111	98	148	136	82	126	86	84	38	14	59	70	1052
236.25 - 258.74 (247.5)	70	98	103	157	50	120	113	41	36	12	34	57	891
258.75 - 281.24 (270.0)	157	201	238	244	74	101	66	24	64	72	102	138	1481
281.25 - 303.74 (292.5)	118	223	252	139	38	10	10	1	14	61	137	174	1177
303.75 - 326.24 (315.0)	177	195	191	117	48	13	3	4	12	49	129	147	1085
326.25 - 348.74 (337.5)	280	264	251	117	51	13	3	10	12	113	172	246	1532
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.75 N, LONG: 81.00 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 24 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	518	312	.	.	.	.	.	.	.	.	830
1.00 - 1.99	147	1385	72	.	.	.	.	.	.	.	1604
2.00 - 2.99	.	220	425	2	.	.	.	.	.	.	647
3.00 - 3.99	.	2	101	25	.	.	.	.	.	.	128
4.00 - 4.99	.	.	1	10	.	.	.	.	.	.	11
5.00 - 5.99	.	.	.	6	.	.	.	.	.	.	6
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	665	1919	599	43	0	0	0	0	0	0	3226

STATION: 24 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	484	564	352	487	567	201	9	.	.	.	2664
1.00 - 1.99	107	2087	1074	434	475	172	3	.	.	.	4352
2.00 - 2.99	.	83	978	202	47	3	.	.	.	.	1313
3.00 - 3.99	.	.	45	263	16	.	.	.	.	.	324
4.00 - 4.99	.	.	.	19	47	1	.	.	.	.	67
5.00 - 5.99	.	.	.	.	3	.	.	.	.	.	3
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	591	2734	2449	1405	1155	377	12	0	0	0	8723

STATION: 24 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	577	4458	11861	3982	1343	489	122	28	3	.	22863
1.00 - 1.99	91	2779	3883	2353	1221	425	123	15	1	.	10891
2.00 - 2.99	.	41	632	395	106	82	25	5	.	.	1286
3.00 - 3.99	.	.	2	106	42	7	7	.	.	.	164
4.00 - 4.99	.	.	.	1	16	17	3	.	.	.	37
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	668	7278	16378	6837	2728	1020	280	48	4	0	35241

STATION: 24 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	360	484	344	3	.	.	.	.	.	.	1191
1.00 - 1.99	82	811	63	1	.	.	.	.	.	.	957
2.00 - 2.99	.	40	118	4	1	.	.	.	.	.	163
3.00 - 3.99	.	.	9	5	.	.	.	.	.	.	14
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	442	1335	534	13	1	0	0	0	0	0	2325

STATION: 24 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	655	1	.	.	.	.	.	.	.	.	656
1.00 - 1.99	541	732	.	.	.	.	.	.	.	.	1273
2.00 - 2.99	.	71	.	.	.	.	.	.	.	.	71
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1196	804	0	0	0	0	0	0	0	0	2000

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.75 N, LONG: 81.00 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 24 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	938										938
1.00 - 1.99	649	351									1000
2.00 - 2.99		37									37
3.00 - 3.99											0
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1587	388	0	0	0	0	0	0	0	0	1975

STATION: 24 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1134										1134
1.00 - 1.99	1020	307									1327
2.00 - 2.99		81									81
3.00 - 3.99											0
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	2154	388	0	0	0	0	0	0	0	0	2542

STATION: 24 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	490	69									559
1.00 - 1.99	482	803	1								1286
2.00 - 2.99		459	84								543
3.00 - 3.99		16	2								18
4.00 - 4.99			2								2
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	972	1347	89	0	0	0	0	0	0	0	2408

STATION: 24 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5156	5888	12557	4472	1910	690	131	28	3		30835
1.00 - 1.99	3119	9255	5093	2788	1696	597	126	15	1		22690
2.00 - 2.99		1032	2237	603	154	85	25	5			4141
3.00 - 3.99		18	159	399	58	7	7				648
4.00 - 4.99			3	30	63	18	3				117
5.00 - 5.99				6	3						9
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	8275	16193	20049	8298	3884	1397	292	48	4	0	58440

STATION: 24

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	278	205	185	256	428	431	481	768	504	273	201	249	4259
2.50 - 4.99	1533	1290	1651	1865	2641	2987	3387	3282	2332	1828	1658	1697	26151
5.00 - 7.49	1112	1078	1279	1473	1268	998	923	747	1149	1179	1247	1200	13653
7.50 - 9.99	1148	1015	1095	921	527	306	161	162	598	1066	1021	979	8999
10.00 - 12.49	517	515	445	211	68	57	8	1	134	422	390	446	3214
12.50 - 14.99	317	300	240	56	26	19			76	173	230	304	1741
15.00 - 17.49	45	61	37	10	2	2			6	16	28	49	256
17.50 - 19.99	10	49	24	8					1	3	14	36	145
20.00 - GREATER		7	4								11		22
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 29.75 N, LONG: 81.00 W, DEPTH: 18 M

STATION: 24

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	657	556	431	357	274	145	79	199	420	794	766	656	5334
22.50 - 67.49 (45.0)	747	539	455	338	453	447	180	447	1297	1650	985	803	8341
67.50 - 112.49 (90.0)	548	440	497	641	760	769	377	699	1186	856	695	579	8047
112.50 - 157.49 (135.0)	406	405	674	861	866	780	909	848	578	348	425	497	7597
157.50 - 202.49 (180.0)	478	519	638	659	755	803	1185	1057	382	212	287	480	7455
202.50 - 247.49 (225.0)	588	592	693	760	824	1071	1588	1064	383	214	403	451	8631
247.50 - 292.49 (270.0)	668	687	833	768	677	626	542	495	366	379	576	666	7283
292.50 - 337.49 (315.0)	868	782	739	416	351	159	100	151	188	507	663	828	5752
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 24

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.41	1.15	1.14	0.98	1.18	0.91	0.82	0.74	1.13	1.58	1.48	1.12	1.14
1957	1.35	1.36	0.90	1.27	0.76	0.83	0.68	0.85	0.95	1.35	1.47	1.38	1.09
1958	1.57	1.47	1.02	1.17	1.02	0.88	0.85	0.78	1.02	1.54	1.07	1.46	1.15
1959	1.34	1.27	1.41	0.98	0.90	0.73	0.82	0.72	1.26	1.14	1.69	1.63	1.16
1960	1.07	1.42	1.25	1.05	0.93	0.83	0.83	0.69	1.27	0.83	1.18	1.37	1.06
1961	1.34	1.12	0.97	1.07	0.87	0.80	0.75	0.86	1.05	1.55	1.30	1.08	1.06
1962	1.39	1.16	1.53	1.04	0.85	0.77	0.66	0.82	0.94	1.19	1.85	1.44	1.14
1963	1.33	1.51	1.11	0.96	0.99	0.82	0.64	0.60	1.36	1.71	1.41	1.38	1.15
1964	1.28	1.21	1.11	1.02	0.97	0.63	0.90	0.76	1.35	1.69	1.30	1.54	1.15
1965	1.23	1.35	1.09	0.91	0.64	0.77	0.73	0.62	1.34	1.42	1.17	1.21	1.04
1966	1.50	1.53	1.17	0.98	1.04	1.06	0.90	0.78	0.71	1.23	1.74	1.13	1.14
1967	1.16	1.23	1.22	1.10	0.82	0.97	0.75	0.70	1.19	1.13	1.28	1.06	1.05
1968	1.33	1.20	1.17	0.84	0.79	0.81	0.69	0.59	0.82	1.16	0.85	1.13	0.95
1969	1.48	1.44	1.14	1.15	1.36	0.72	0.68	0.97	1.10	1.75	1.41	1.20	1.20
1970	1.47	1.44	1.16	0.95	1.00	0.95	0.80	0.81	0.87	1.70	1.21	1.08	1.12
1971	1.18	1.25	1.15	0.76	0.77	0.69	0.69	0.77	1.10	0.98	1.39	1.75	1.04
1972	1.29	1.28	1.03	0.95	1.27	1.08	0.79	0.66	0.88	1.33	1.10	1.13	1.07
1973	1.28	1.35	1.24	1.10	0.86	0.80	0.66	0.69	0.82	1.34	1.02	1.17	1.03
1974	0.93	1.07	0.91	0.94	0.64	0.46	0.54	0.65	0.94	1.54	1.11	1.01	0.89
1975	1.35	1.04	1.22	0.97	0.65	0.66	0.85	0.63	0.99	0.99	1.40	1.70	1.04
MEAN	1.31	1.29	1.15	1.01	0.92	0.81	0.75	0.73	1.06	1.36	1.32	1.30	

STATION: 24

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	44 936	29 9 9	30 7 0	27 732	31 9 7	16 6 4	12 910	131010	31 8 3	4111 6	4211 6	251010	44 936
1957	31 8 1	33 8 4	21 715	30 912	19 7 1	17 615	11 810	21 7 3	20 9 7	26 736	3410 7	28 632	3410 7
1958	4212 6	3411 7	24 812	41 936	19 8 9	1510 9	15 5 7	16 6 1	19 6 8	4612 5	27 8 5	38 9 0	4612 5
1959	34 836	27 8 8	30 9 9	27 734	17 610	11 434	11 710	12 423	30 9 6	24 8 8	4110 5	4110 6	4110 6
1960	24 735	3311 7	30 633	24 7 1	2211 7	21 7 4	18 516	17 6 1	35 9 8	19 6 2	23 7 5	3710 4	3710 4
1961	33 910	26 711	28 630	28 813	16 517	17 6 1	11 418	13 710	30 9 4	27 9 9	28 9 7	23 532	33 910
1962	31 8 0	36 9 4	34 631	25 7 1	15 5 4	12 432	10 419	15 710	20 8 7	40 9 1	5912 5	4715 7	5912 5
1963	31 8 3	4210 5	24 735	21 7 6	22 7 2	24 8 5	11 5 8	10 5 7	4211 7	39 9 3	32 8 6	4411 8	4411 8
1964	4011 8	28 734	24 635	17 614	42 9 0	11 430	19 7 8	21 7 7	31 812	40 9 2	3410 6	35 9 6	42 9 0
1965	27 8 5	33 914	31 8 2	20 635	12 432	17 518	13 7 7	11 424	4612 7	3010 7	22 7 7	32 8 2	4612 7
1966	31 633	4611 7	23 6 5	20 6 1	24 8 7	31 911	24 811	21 736	1810 9	24 8 7	37 9 4	35 9 6	4611 7
1967	26 8 2	36 9 2	28 8 6	25 7 1	19 635	16 8 7	12 422	11 518	20 7 5	21 7 9	31 9 4	4310 3	4310 3
1968	30 9 6	34 631	3312 7	22 633	19 7 8	34 9 5	12 517	12 6 5	17 6 5	28 910	30 630	30 8 2	34 9 5
1969	3710 4	331011	35 911	20 520	24 710	13 511	11 421	19 7 7	31 9 6	3711 8	33 8 1	33 914	3711 8
1970	33 8 0	30 735	24 633	20 616	21 636	16 7 9	15 613	14 523	20 7 5	38 9 5	38 9 2	25 634	38 9 2
1971	38 9 2	28 8 6	28 735	19 530	23 713	11 422	10 416	15 615	30 7 0	25 9 7	30 9 7	4612 7	4612 7
1972	38 9 3	28 9 5	24 7 4	29 7 5	29 9 4	35 910	17 6 7	11 418	21 6 6	28 8 6	26 8 7	28 7 0	38 9 3
1973	29 836	35 9 4	26 815	2110 9	20 614	22 711	11 9 9	14 510	22 7 8	26 8 5	31 9 5	24 814	35 9 4
1974	22 8 6	25 8 1	18 6 5	21 710	25 715	9 424	9 9 9	9 610	28 9 5	4713 6	33 9 5	26 630	4713 6
1975	30 8 9	2410 7	2710 6	25 635	14 517	15 6 8	1714 7	9 5 7	22 618	29 8 7	30 9 8	40 9 3	40 9 3
MAX	44 936	4611 7	35 911	41 936	42 9 0	35 910	24 811	21 736	4612 7	4713 6	5912 5	4715 7	

MAX Hmo(m): 5.9 MAX Tp(sec): 12. MAX Dp(deg): 54. DATE(gmt): 62112803

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 330. DATE(gmt): 62112712

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.00 N LONG: 81.00 W DEPTH: 20 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 25

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	107	189	164	222	221	236	178	167	136	119	166	204	2109
0.50 - 0.99	1489	1311	1802	2068	2887	3334	3907	3979	2483	1597	1354	1533	27744
1.00 - 1.49	1537	1327	1663	1793	1277	998	794	719	1310	1429	1606	1527	15980
1.50 - 1.99	983	846	778	525	435	147	67	80	501	840	887	817	6906
2.00 - 2.49	441	488	352	150	105	50	14	15	198	534	392	455	3194
2.50 - 2.99	250	217	158	25	14	19	.	.	83	239	245	213	1463
3.00 - 3.49	111	105	32	10	8	12	.	.	46	93	77	135	629
3.50 - 3.99	33	27	11	3	12	4	.	.	31	76	31	39	267
4.00 - 4.49	9	7	.	4	1	.	.	.	11	25	22	25	104
4.50 - 4.99	.	3	.	.	.	.	.	.	1	8	10	12	34
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	4	.	4
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	6	.	6
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 25

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	74	139	134	189	120	118	91	59	85	61	68	98	1236
4.0 - 4.9	572	571	810	853	421	523	388	342	317	326	405	533	6061
5.0 - 5.9	741	769	1065	824	565	481	284	394	795	542	740	762	7962
6.0 - 6.9	718	659	713	695	729	892	606	1071	910	815	755	608	9171
7.0 - 7.9	838	636	606	700	1192	1336	1621	1641	976	1210	717	637	12110
8.0 - 8.9	681	493	570	541	945	848	1174	900	715	792	686	617	8962
9.0 - 9.9	407	419	357	363	487	380	583	348	472	497	434	544	5291
10.0 - 10.9	201	228	169	203	263	132	132	100	288	310	252	423	2701
11.0 - 11.9	335	191	158	170	131	65	47	65	163	210	257	317	2109
12.0 - 12.9	181	187	129	125	45	25	8	34	49	109	189	173	1254
13.0 - 13.9	98	108	151	103	28	.	6	5	21	74	136	132	862
14.0 - 14.9	59	62	46	24	28	.	17	1	.	10	82	77	406
15.0 - 15.9	25	45	24	10	2	.	3	.	1	4	56	25	192
16.0 - 16.9	14	12	15	.	4	.	.	.	4	.	11	8	68
17.0 - 17.9	6	3	9	.	.	.	.	.	1	.	6	5	30
18.0 - 18.9	7	.	3	.	.	.	.	.	3	.	3	1	17
19.0 - 19.9	2	1	1	.	.	.	.	.	.	.	1	.	5
20.0 - LONGER	1	.	.	.	.	.	.	.	.	.	2	.	3
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 25

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	290	270	202	187	77	13	10	22	47	207	232	257	1814
11.25 - 33.74 (22.5)	231	159	158	128	64	21	6	42	134	279	236	180	1638
33.75 - 56.24 (45.0)	295	221	216	117	92	51	30	65	349	490	282	230	2438
56.25 - 78.74 (67.5)	1067	890	914	710	765	323	189	314	1406	1860	1484	1188	11110
78.75 - 101.24 (90.0)	1339	817	864	1108	1859	1690	1885	2290	1833	1162	1165	1362	17374
101.25 - 123.74 (112.5)	418	643	765	1094	1423	1971	2324	1867	720	499	514	436	12674
123.75 - 146.24 (135.0)	97	59	184	130	118	108	40	51	38	31	60	91	1007
146.25 - 168.74 (157.5)	68	104	124	87	57	69	40	34	35	31	29	89	767
168.75 - 191.24 (180.0)	85	119	161	153	76	76	82	53	33	30	49	113	1030
191.25 - 213.74 (202.5)	104	125	153	156	78	100	80	64	30	23	60	89	1062
213.75 - 236.24 (225.0)	119	99	153	143	80	126	90	80	29	15	63	63	1060
236.25 - 258.74 (247.5)	61	104	99	149	54	114	100	39	37	12	42	68	879
258.75 - 281.24 (270.0)	151	191	236	246	68	95	67	24	65	69	99	144	1455
281.25 - 303.74 (292.5)	118	214	238	134	43	10	8	2	14	61	137	175	1154
303.75 - 326.24 (315.0)	221	252	262	142	53	16	6	5	17	84	171	217	1446
326.25 - 348.74 (337.5)	296	253	231	116	53	17	3	8	13	107	177	258	1532
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.00 N, LONG: 81.00 W, DEPTH: 20 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 25 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	482	297	.	.	.	.	.	.	.	.	779
1.00 - 1.99	95	1354	83	.	.	.	.	.	.	.	1532
2.00 - 2.99	.	249	560	.	.	.	.	.	.	.	809
3.00 - 3.99	.	.	188	5	.	.	.	.	.	.	193
4.00 - 4.99	.	.	5	19	.	.	.	.	.	.	24
5.00 - 5.99	.	.	.	7	.	.	.	.	.	.	7
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	577	1900	836	31	0	0	0	0	0	0	3344

STATION: 25 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	486	442	255	320	374	76	.	.	.	.	1953
1.00 - 1.99	104	1925	808	246	244	51	.	.	.	.	3378
2.00 - 2.99	.	102	915	116	20	.	.	.	.	.	1153
3.00 - 3.99	.	.	65	247	11	.	.	.	.	.	323
4.00 - 4.99	.	.	.	27	41	.	.	.	.	.	68
5.00 - 5.99	.	.	.	3	.	.	.	.	.	.	3
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	590	2469	2043	959	690	127	0	0	0	0	6878

STATION: 25 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	546	3927	11647	3785	1316	552	128	30	6	.	21937
1.00 - 1.99	88	2874	4474	2625	1180	495	113	12	2	.	11863
2.00 - 2.99	.	39	696	397	111	65	16	5	.	.	1329
3.00 - 3.99	.	.	7	150	40	12	.	.	.	.	209
4.00 - 4.99	.	.	.	2	22	17	3	.	.	.	44
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	634	6840	16824	6959	2669	1141	260	47	8	0	35382

STATION: 25 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	325	871	809	18	.	.	.	.	.	.	2023
1.00 - 1.99	93	999	146	8	2	.	.	.	.	.	1248
2.00 - 2.99	.	57	142	7	2	.	.	.	.	.	208
3.00 - 3.99	.	.	15	10	.	.	.	.	.	.	25
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	418	1927	1112	43	4	0	0	0	0	0	3504

STATION: 25 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	575	43	.	.	.	.	.	.	.	.	618
1.00 - 1.99	162	918	.	.	.	.	.	.	.	.	1080
2.00 - 2.99	.	218	11	.	.	.	.	.	.	.	229
3.00 - 3.99	.	.	9	.	.	.	.	.	.	.	9
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	737	1179	20	0	0	0	0	0	0	0	1936

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.00 N LONG: 81.00 W DEPTH: 20 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 25 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	924	.	.	.	.	.	.	.	.	.	924
1.00 - 1.99	672	378	.	.	.	.	.	.	.	.	1050
2.00 - 2.99	.	56	.	.	.	.	.	.	.	.	56
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1596	434	0	0	0	0	0	0	0	0	2030

STATION: 25 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1022	.	.	.	.	.	.	.	.	.	1022
1.00 - 1.99	1056	312	.	.	.	.	.	.	.	.	1368
2.00 - 2.99	.	111	.	.	.	.	.	.	.	.	111
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2078	424	0	0	0	0	0	0	0	0	2502

STATION: 25 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	479	118	.	.	.	.	.	.	.	.	597
1.00 - 1.99	188	1179	.	.	.	.	.	.	.	.	1367
2.00 - 2.99	.	663	99	.	.	.	.	.	.	.	762
3.00 - 3.99	.	.	136	.	.	.	.	.	.	.	136
4.00 - 4.99	.	.	2	.	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	667	1960	237	0	0	0	0	0	0	0	2864

STATION: 25 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4839	5698	12711	4123	1690	628	128	30	6	.	29853
1.00 - 1.99	2458	9939	5511	2879	1426	546	113	12	2	.	22886
2.00 - 2.99	.	1495	2423	520	133	65	16	5	.	.	4657
3.00 - 3.99	.	1	420	412	51	12	.	.	.	.	896
4.00 - 4.99	.	.	7	48	63	17	3	.	.	.	138
5.00 - 5.99	.	.	.	10	.	.	.	.	.	.	10
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7297	17133	21072	7992	3363	1268	260	47	8	0	58440

STATION: 25

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	284	199	190	256	434	444	472	767	505	295	229	269	4344
2.50 - 4.99	1527	1273	1629	1858	2608	2929	3334	3228	2308	1803	1650	1685	25832
5.00 - 7.49	1082	1072	1262	1447	1273	1017	958	771	1122	1166	1232	1176	13578
7.50 - 9.99	1131	989	1079	915	539	323	188	192	619	1031	960	938	8904
10.00 - 12.49	517	534	451	234	75	60	8	2	152	459	420	465	3377
12.50 - 14.99	356	319	274	70	29	25	.	.	85	174	248	325	1905
15.00 - 17.49	51	70	43	11	2	2	.	.	9	27	34	59	308
17.50 - 19.99	12	51	27	9	.	.	.	.	.	5	15	40	159
20.00 - GREATER		13	5								12	3	33
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.00 N, LONG: 81.00 W, DEPTH: 20 M

STATION: 25

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	677	582	421	356	276	164	84	188	430	810	778	658	5424
22.50 - 67.49 (45.0)	762	537	468	341	483	455	197	499	1339	1673	978	786	8518
67.50 - 112.49 (90.0)	533	433	501	622	731	758	380	643	1132	812	667	569	7781
112.50 - 157.49 (135.0)	377	380	625	826	828	755	849	800	562	331	419	477	7229
157.50 - 202.49 (180.0)	456	494	611	644	719	761	1085	1040	373	216	288	460	7147
202.50 - 247.49 (225.0)	605	621	728	788	849	1106	1669	1112	382	194	417	469	8940
247.50 - 292.49 (270.0)	697	703	855	801	731	650	601	525	403	399	582	716	7663
292.50 - 337.49 (315.0)	853	770	751	422	343	151	95	153	179	525	671	825	5738
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 25

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.48	1.22	1.19	1.02	1.21	0.94	0.87	0.78	1.16	1.62	1.49	1.16	1.18
1957	1.38	1.39	0.94	1.33	0.79	0.86	0.72	0.88	0.98	1.36	1.52	1.42	1.13
1958	1.65	1.62	1.10	1.21	1.05	0.90	0.88	0.81	1.05	1.58	1.10	1.48	1.20
1959	1.38	1.31	1.47	0.99	0.93	0.77	0.85	0.73	1.28	1.18	1.73	1.67	1.19
1960	1.14	1.52	1.34	1.07	0.96	0.86	0.87	0.71	1.30	0.84	1.20	1.39	1.10
1961	1.38	1.20	1.02	1.13	0.90	0.84	0.79	0.90	1.05	1.56	1.33	1.12	1.10
1962	1.43	1.19	1.59	1.08	0.85	0.80	0.70	0.87	0.96	1.20	1.90	1.50	1.17
1963	1.36	1.59	1.17	0.99	1.01	0.85	0.66	0.62	1.39	1.75	1.47	1.45	1.19
1964	1.36	1.26	1.18	1.06	0.98	0.65	0.93	0.79	1.41	1.73	1.33	1.57	1.19
1965	1.28	1.42	1.15	0.94	0.66	0.80	0.77	0.64	1.36	1.47	1.18	1.21	1.07
1966	1.58	1.61	1.19	1.00	1.08	1.09	0.95	0.80	0.74	1.25	1.75	1.15	1.18
1967	1.20	1.28	1.24	1.12	0.86	1.00	0.77	0.72	1.22	1.12	1.27	1.09	1.07
1968	1.37	1.25	1.21	0.83	0.81	0.86	0.72	0.64	0.82	1.19	0.89	1.20	0.98
1969	1.50	1.49	1.19	1.18	1.41	0.76	0.71	1.02	1.13	1.76	1.43	1.27	1.24
1970	1.55	1.47	1.22	0.98	1.02	1.00	0.84	0.84	0.89	1.72	1.24	1.13	1.16
1971	1.23	1.33	1.24	0.79	0.81	0.72	0.72	0.80	1.12	1.01	1.41	1.79	1.08
1972	1.33	1.35	1.06	0.97	1.33	1.11	0.82	0.69	0.89	1.36	1.14	1.16	1.10
1973	1.31	1.41	1.29	1.15	0.90	0.84	0.68	0.71	0.84	1.35	1.05	1.23	1.06
1974	0.97	1.13	0.94	0.99	0.66	0.49	0.55	0.66	0.97	1.51	1.13	1.08	0.92
1975	1.39	1.10	1.27	1.00	0.68	0.70	0.85	0.66	1.03	1.03	1.42	1.71	1.07
MEAN	1.36	1.36	1.20	1.04	0.95	0.84	0.78	0.76	1.08	1.38	1.35	1.34	

STATION: 25

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	42 9 1	30 9 9	32 8 1	32 733	34 9 7	18 531	15 516	141010	32 8 3	4310 5	4211 6	30 732	4310 5
1957	30 8 1	35 9 5	24 631	31 913	24 7 0	17 615	13 518	24 7 3	20 9 7	26 736	3410 7	33 732	35 9 5
1958	4311 5	37 730	26 812	43 936	21 6 6	1510 9	14 5 7	18 636	19 7 9	4912 5	28 8 5	40 9 1	4912 5
1959	34 836	28 8 8	31 9 9	27 735	17 611	12 5 7	12 512	12 422	32 9 7	26 7 3	4510 5	47 935	47 935
1960	29 734	37 731	34 733	24 7 1	25 631	21 7 4	20 615	17 6 1	36 9 9	20 6 1	23 7 5	3810 4	3810 4
1961	38 910	26 910	34 730	30 813	18 616	17 519	11 418	14 6 8	31 9 4	27 8 9	30 735	27 733	38 910
1962	34 9 5	36 8 2	38 832	26 7 1	15 5 3	12 534	11 426	16 710	22 6 5	39 9 2	5810 2	4914 7	5810 2
1963	34 8 1	4410 5	28 735	21 634	23 7 6	25 8 5	12 425	12 426	4311 7	41 9 3	35 731	4512 8	4512 8
1964	4211 8	31 835	26 735	19 711	42 9 2	12 532	19 7 8	21 7 7	33 813	41 9 3	3510 6	37 9 7	42 9 2
1965	28 735	34 913	31 8 2	21 6 1	13 533	20 616	14 6 1	12 423	4611 6	3210 5	23 8 6	33 8 1	4611 6
1966	35 733	4811 7	22 6 5	20 6 2	24 8 8	34 911	24 8 6	21 7 0	1910 9	24 7 0	38 9 4	36 9 6	4811 7
1967	26 631	36 9 4	29 8 6	27 7 0	19 635	17 7 7	12 422	14 518	21 7 5	22 7 9	32 9 4	4710 1	4710 1
1968	31 9 7	38 833	38 730	23 633	19 7 8	3610 5	15 518	13 6 5	18 6 5	29 910	35 730	34 731	38 730
1969	3810 5	351011	36 912	24 620	24 710	14 510	11 424	19 7 7	32 9 5	3911 8	34 8 1	34 914	3911 8
1970	33 836	34 731	28 733	23 619	21 635	16 524	16 613	15 522	21 7 5	40 9 5	39 9 2	29 735	40 9 5
1971	37 8 0	2911 9	30 731	23 631	26 713	11 422	11 416	16 614	30 8 2	26 9 7	30 9 6	4811 7	4811 7
1972	37 8 1	29 731	24 8 4	30 8 4	35 835	38 910	17 6 5	11 414	22 6 6	28 8 7	27 8 7	29 8 1	38 910
1973	30 716	37 836	27 617	23 618	20 614	22 711	11 9 9	14 510	22 8 9	27 8 5	32 8 4	26 630	37 836
1974	23 7 5	26 7 0	19 633	23 630	28 715	9 424	10 9 9	9 610	29 9 5	4811 5	34 9 6	32 730	4811 5
1975	32 810	26 7 0	31 732	28 735	16 518	16 6 8	1615 7	9 5 8	26 717	30 8 7	30 9 9	4110 5	4110 5
MAX	4311 5	4811 7	38 730	43 936	42 9 2	38 910	24 8 6	24 7 3	4611 6	4912 5	5810 2	4914 7	

MAX Hmo(m): 5.8 MAX Tp(sec): 10. MAX Dp(deg): 22. DATE(gmt): 62112803

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 335. DATE(gmt): 62112712

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.25 N, LONG: 81.25 W, DEPTH: 9 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 26

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	196	303	309	390	417	526	384	537	265	190	274	361	4152
0.50 - 0.99	1891	1660	2281	2549	3270	3511	4237	4000	2820	1957	1788	1880	31844
1.00 - 1.49	1603	1402	1606	1520	944	633	299	376	1109	1384	1620	1549	14045
1.50 - 1.99	859	780	549	299	279	84	39	46	373	844	669	692	5513
2.00 - 2.49	304	282	187	32	31	27	1	1	136	361	279	296	1937
2.50 - 2.99	90	71	28	7	11	16	.	.	56	135	111	121	646
3.00 - 3.49	14	13	.	3	8	3	.	.	36	72	26	39	214
3.50 - 3.99	2	9	.	.	.	.	.	.	5	17	13	17	63
4.00 - 4.49	1	.	.	.	.	.	.	.	.	.	17	5	23
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	3	.	3
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	.	.	0
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 26

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	144	198	267	310	240	278	217	166	131	118	132	170	2371
4.0 - 4.9	807	810	1164	1051	549	538	362	320	373	448	553	765	7740
5.0 - 5.9	622	686	772	550	357	239	143	253	621	403	696	594	5936
6.0 - 6.9	402	338	361	365	428	533	190	540	526	628	471	302	5084
7.0 - 7.9	566	356	353	586	1060	1275	1438	1707	964	1019	484	414	10222
8.0 - 8.9	661	474	653	677	1090	1086	1555	1234	950	867	712	643	10602
9.0 - 9.9	566	534	465	437	623	548	758	450	562	610	566	619	6738
10.0 - 10.9	282	341	245	292	323	183	196	153	349	364	323	527	3578
11.0 - 11.9	361	250	203	207	161	80	57	69	216	249	283	376	2512
12.0 - 12.9	252	234	180	146	56	38	15	46	70	144	238	242	1661
13.0 - 13.9	121	133	177	121	39	2	9	18	24	86	158	154	1042
14.0 - 14.9	80	83	61	43	28	.	15	4	.	21	98	98	531
15.0 - 15.9	54	56	32	14	2	.	5	.	1	3	55	36	258
16.0 - 16.9	28	17	14	1	4	.	.	.	7	.	20	14	105
17.0 - 17.9	3	7	8	.	.	.	.	.	2	.	5	3	28
18.0 - 18.9	8	3	5	.	.	.	.	.	4	.	.	2	22
19.0 - 19.9	2	.	.	.	.	.	.	.	.	.	6	1	9
20.0 - LONGER	1	.	.	.	.	.	.	.	.	.	.	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 26

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	234	210	161	151	58	13	11	15	39	175	185	189	1441
11.25 - 33.74 (22.5)	170	111	130	107	49	15	4	40	86	201	191	144	1248
33.75 - 56.24 (45.0)	278	214	160	101	82	40	26	73	325	485	264	211	2259
56.25 - 78.74 (67.5)	1359	1136	1174	890	957	442	241	369	1731	2257	1782	1529	13867
78.75 - 101.24 (90.0)	1728	1474	1571	2085	3036	3532	4122	4112	2283	1428	1525	1695	28591
101.25 - 123.74 (112.5)	71	79	141	152	146	99	58	23	78	24	63	91	1025
123.75 - 146.24 (135.0)	47	38	114	51	64	42	24	27	24	22	28	49	530
146.25 - 168.74 (157.5)	30	26	69	44	28	39	25	20	14	21	13	30	359
168.75 - 191.24 (180.0)	50	60	106	93	54	66	47	35	20	13	34	65	643
191.25 - 213.74 (202.5)	100	120	151	129	71	92	64	68	29	19	58	82	983
213.75 - 236.24 (225.0)	97	94	122	153	84	110	94	78	18	15	55	71	991
236.25 - 258.74 (247.5)	82	102	128	196	94	157	147	60	44	11	48	69	1138
258.75 - 281.24 (270.0)	159	207	253	267	85	116	85	27	69	76	112	162	1618
281.25 - 303.74 (292.5)	148	243	277	170	56	10	8	2	17	67	164	199	1361
303.75 - 326.24 (315.0)	192	235	235	112	47	16	3	3	12	70	156	205	1286
326.25 - 348.74 (337.5)	215	171	168	99	49	11	1	8	11	76	122	169	1100
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.25 N LONG: 81.25 W DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 26 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	759	121	.	.	.	.	.	.	.	.	880
1.00 - 1.99	160	1141	.	.	.	.	.	.	.	.	1301
2.00 - 2.99	.	197	145	.	.	.	.	.	.	.	342
3.00 - 3.99	.	.	6	.	.	.	.	.	.	.	6
4.00 - 4.99	.	.	1	2	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	919	1459	152	2	0	0	0	0	0	0	2532

STATION: 26 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	788	391	271	258	243	15	.	.	.	.	1966
1.00 - 1.99	93	1647	871	133	39	.	.	.	.	.	2783
2.00 - 2.99	.	17	487	403	6	.	.	.	.	.	913
3.00 - 3.99	.	.	4	99	63	1	.	.	.	.	167
4.00 - 4.99	.	.	.	2	1	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	881	2055	1633	895	352	16	0	0	0	0	5832

STATION: 26 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	845	3140	14977	6123	2261	870	194	32	10	.	28452
1.00 - 1.99	83	1887	3662	2719	1360	605	141	12	.	.	10469
2.00 - 2.99	.	6	308	541	149	47	25	6	.	.	1082
3.00 - 3.99	.	.	.	34	47	22	.	.	.	.	103
4.00 - 4.99	.	.	.	.	4	13	3	.	.	.	20
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	928	5033	18947	9417	3821	1557	363	50	10	0	40126

STATION: 26 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	449	57	.	.	.	.	.	.	.	.	506
1.00 - 1.99	63	456	57	.	.	.	.	.	.	.	576
2.00 - 2.99	.	3	34	2	.	.	.	.	.	.	39
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	512	516	91	2	0	0	0	0	0	0	1121

STATION: 26 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	830	.	.	.	.	.	.	.	.	.	830
1.00 - 1.99	374	60	.	.	.	.	.	.	.	.	434
2.00 - 2.99	.	4	.	.	.	.	.	.	.	.	4
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1204	64	0	0	0	0	0	0	0	0	1268

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.25 N, LONG: 81.25 W, DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 26 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1072	.	.	.	.	.	.	.	.	.	1072
1.00 - 1.99	605	354	.	.	.	.	.	.	.	.	959
2.00 - 2.99	.	5	.	.	.	.	.	.	.	.	5
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1677	359	0	0	0	0	0	0	0	0	2036

STATION: 26 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1483	.	.	.	.	.	.	.	.	.	1483
1.00 - 1.99	1016	344	.	.	.	.	.	.	.	.	1360
2.00 - 2.99	.	39	.	.	.	.	.	.	.	.	39
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2499	383	0	0	0	0	0	0	0	0	2882

STATION: 26 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	807	.	.	.	.	.	.	.	.	.	807
1.00 - 1.99	684	992	.	.	.	.	.	.	.	.	1676
2.00 - 2.99	.	159	.	.	.	.	.	.	.	.	159
3.00 - 3.99	.	.	1	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1491	1151	1	0	0	0	0	0	0	0	2643

STATION: 26 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	7033	3709	15248	6381	2504	885	194	32	10	.	35996
1.00 - 1.99	3078	6881	4590	2852	1399	605	141	12	.	.	19558
2.00 - 2.99	.	430	974	946	155	47	25	6	.	.	2583
3.00 - 3.99	.	.	11	133	110	23	.	.	.	.	277
4.00 - 4.99	.	.	1	4	5	13	3	.	.	.	26
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	10111	11020	20824	10316	4173	1573	363	50	10	0	58440

STATION: 26

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	264	202	197	257	433	450	478	786	500	298	236	279	4380
2.50 - 4.99	1640	1328	1703	1955	2745	3064	3467	3350	2428	1904	1740	1770	27094
5.00 - 7.49	1079	1088	1291	1440	1219	934	854	677	1085	1139	1230	1158	13194
7.50 - 9.99	1116	989	1032	849	482	280	158	146	568	1066	935	924	8545
10.00 - 12.49	494	503	431	221	55	45	3	1	141	369	379	441	3083
12.50 - 14.99	312	287	242	59	24	24	.	.	76	168	222	296	1710
15.00 - 17.49	43	62	35	10	2	3	.	.	2	16	31	52	256
17.50 - 19.99	12	52	26	9	.	.	.	.	.	.	13	40	152
20.00 - GREATER	.	9	3	.	.	.	.	.	.	.	14	.	26
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.25 N, LONG: 81.25 W, DEPTH: 9 M

STATION: 26

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	688	563	408	350	278	174	88	192	427	809	771	652	5400
22.50 - 67.49 (45.0)	739	543	456	335	460	456	196	504	1350	1687	959	774	8459
67.50 - 112.49 (90.0)	546	433	499	594	725	732	388	636	1131	813	676	558	7731
112.50 - 157.49 (135.0)	385	390	656	842	860	784	842	787	574	354	426	495	7395
157.50 - 202.49 (180.0)	463	489	607	668	725	776	1093	1057	373	203	290	465	7209
202.50 - 247.49 (225.0)	590	625	730	778	841	1101	1673	1110	374	192	420	472	8906
247.50 - 292.49 (270.0)	702	693	847	805	723	614	585	525	395	395	581	716	7581
292.50 - 337.49 (315.0)	847	784	757	428	348	163	95	149	176	507	677	828	5759
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 26

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.22	1.04	1.00	0.86	1.05	0.83	0.74	0.68	0.99	1.39	1.27	1.01	1.01
1957	1.20	1.20	0.79	1.14	0.66	0.73	0.62	0.76	0.87	1.17	1.28	1.19	0.97
1958	1.34	1.21	0.88	1.03	0.92	0.80	0.75	0.70	0.93	1.35	0.95	1.29	1.01
1959	1.14	1.16	1.26	0.83	0.78	0.67	0.73	0.64	1.10	1.05	1.45	1.42	1.02
1960	0.92	1.24	1.12	0.90	0.85	0.73	0.73	0.59	1.15	0.71	1.01	1.17	0.92
1961	1.20	1.00	0.83	0.94	0.74	0.69	0.68	0.79	0.93	1.33	1.15	0.91	0.93
1962	1.21	1.00	1.34	0.90	0.75	0.68	0.60	0.76	0.85	1.03	1.58	1.27	1.00
1963	1.15	1.34	0.97	0.86	0.88	0.74	0.58	0.54	1.20	1.49	1.25	1.19	1.01
1964	1.13	1.06	0.96	0.90	0.86	0.56	0.81	0.67	1.21	1.46	1.16	1.32	1.01
1965	1.10	1.19	0.95	0.82	0.56	0.67	0.65	0.55	1.17	1.30	1.04	1.04	0.92
1966	1.31	1.33	1.03	0.86	0.91	0.91	0.83	0.68	0.67	1.08	1.50	0.98	1.01
1967	1.00	1.07	1.08	0.96	0.74	0.88	0.67	0.61	1.07	0.98	1.10	0.90	0.92
1968	1.19	1.08	1.03	0.74	0.71	0.75	0.62	0.55	0.74	1.03	0.74	0.99	0.85
1969	1.28	1.26	0.99	1.02	1.24	0.66	0.62	0.90	1.01	1.55	1.25	1.06	1.07
1970	1.27	1.24	1.00	0.86	0.91	0.87	0.73	0.72	0.79	1.53	1.04	0.96	0.99
1971	1.04	1.09	1.00	0.69	0.68	0.63	0.61	0.70	0.99	0.91	1.22	1.58	0.93
1972	1.13	1.12	0.90	0.85	1.13	0.99	0.72	0.58	0.77	1.18	0.98	0.97	0.94
1973	1.12	1.17	1.08	0.96	0.78	0.71	0.60	0.60	0.75	1.15	0.88	1.02	0.90
1974	0.84	0.92	0.83	0.82	0.57	0.42	0.48	0.56	0.85	1.29	0.97	0.90	0.79
1975	1.21	0.95	1.10	0.84	0.57	0.61	0.75	0.55	0.89	0.89	1.21	1.46	0.92
MEAN	1.15	1.13	1.01	0.89	0.81	0.73	0.68	0.66	0.95	1.19	1.15	1.13	

STATION: 26

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	32 9 5	2710 8	24 8 6	24 630	25 8 7	14 532	12 9 9	11 420	24 8 4	3411 6	3611 6	2310 9	3611 6
1957	22 636	2810 6	20 528	24 910	18 6 1	15 614	11 427	20 6 2	19 9 7	22 8 6	28 9 7	23 8 8	28 9 7
1958	3411 6	3111 7	21 810	32 9 5	18 8 9	1410 8	12 9 9	15 534	17 7 8	3712 6	23 9 6	30 9 5	3712 6
1959	24 7 1	24 8 8	26 9 8	18 635	14 7 9	11 421	11 4 1	11 423	25 9 7	21 8 9	3311 6	3410 8	3410 8
1960	20 633	2711 7	23 632	18 6 1	2010 7	19 7 5	16 613	12 5 1	3110 9	18 6 3	19 6 4	3010 5	3110 9
1961	2810 9	2410 9	2610 8	23 811	12 5 5	14 8 8	1111 9	13 6 8	25 9 5	23 8 8	24 8 7	20 531	2810 9
1962	2710 6	28 8 5	2810 7	21 6 1	14 5 4	11 432	10 426	15 8 8	20 8 7	30 9 5	4813 7	4314 7	4813 7
1963	26 8 5	3810 6	19 8 7	16 7 8	19 7 6	20 8 6	12 426	11 426	3511 7	3410 6	28 9 8	4112 8	4112 8
1964	4111 8	22 736	19 635	16 711	3112 7	11 431	15 7 9	18 7 9	2910 7	3310 5	2910 7	31 9 7	4111 8
1965	22 9 6	26 911	23 7 3	18 8 6	9 710	14 612	12 5 1	11 424	3611 6	2910 7	18 6 0	26 8 5	3611 6
1966	25 8 7	3812 7	1910 7	16 6 3	20 8 7	26 9 9	20 8 7	18 6 1	1710 8	19 6 0	31 9 5	28 9 6	3812 7
1967	21 9 9	27 9 5	24 8 6	20 6 1	17 636	16 7 7	11 423	10 421	18 7 5	19 8 8	25 9 5	33 836	33 836
1968	26 9 7	27 631	2913 7	17 532	17 7 8	3010 6	13 6 8	13 6 5	1611 7	24 9 9	24 630	24 631	3010 6
1969	2910 5	2810 9	28 910	17 7 9	19 8 9	11 6 9	10 425	17 5 3	27 9 6	3210 7	2910 8	26 912	3210 7
1970	27 9 7	2510 8	19 9 9	18 713	19 6 1	14 425	15 612	13 523	17 7 5	33 8 5	29 9 5	21 8 5	33 8 5
1971	27 736	2810 8	23 7 1	20 8 9	20 712	10 423	9 8 8	14 614	2511 7	25 9 7	26 9 6	4012 8	4012 8
1972	30 9 5	24 9 5	19 7 4	26 8 5	27 735	3010 9	15 6 6	10 422	18 6 6	24 8 7	22 8 7	23 7 1	3010 9
1973	25 7 3	28 736	21 814	1910 8	18 713	18 7 9	11 9 8	12 5 9	20 8 8	22 8 5	26 8 5	20 714	28 736
1974	20 8 7	19 6 0	15 530	18 530	20 714	10 425	9 9 8	7 326	25 9 5	3812 6	25 9 6	22 630	3812 6
1975	25 8 9	24 9 7	2412 7	20 635	10 418	15 6 8	1515 7	9 5 8	22 9 7	23 9 7	26 9 8	33 9 5	33 9 5
MAX	4111 8	3812 7	2913 7	32 9 5	3112 7	3010 9	20 8 7	20 6 2	3611 6	3812 6	4813 7	4314 7	

MAX Hmo(m): 4.8 MAX Tp(sec): 13. MAX Dp(deg): 68. DATE(gmt): 62112806

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 340. DATE(gmt): 62112712

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.50 N LONG: 81.25 W DEPTH: 11 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 27

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	214	316	305	395	360	397	331	407	239	186	289	379	3818
0.50 - 0.99	1845	1628	2195	2429	3217	3568	4148	4038	2813	2016	1831	1856	31584
1.00 - 1.49	1562	1368	1601	1556	1026	695	438	460	1145	1329	1556	1493	14229
1.50 - 1.99	910	768	622	364	306	90	40	55	350	847	668	724	5744
2.00 - 2.49	319	328	202	40	31	25	3	.	148	362	282	325	2065
2.50 - 2.99	94	87	32	13	19	15	.	.	55	130	114	126	685
3.00 - 3.49	12	15	3	3	1	10	.	.	44	67	28	32	215
3.50 - 3.99	3	9	.	.	.	.	.	.	6	23	18	21	80
4.00 - 4.49	1	1	.	.	.	.	.	.	.	.	13	4	19
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	1	.	1
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	.	.	0
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 27

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	164	191	221	277	207	204	166	120	114	125	128	159	2076
4.0 - 4.9	859	864	1203	1116	590	539	407	362	377	479	600	810	8206
5.0 - 5.9	758	833	962	689	444	347	173	328	755	539	886	755	7469
6.0 - 6.9	490	371	366	358	544	666	319	746	641	657	453	320	5931
7.0 - 7.9	486	347	376	633	1036	1301	1557	1634	904	1034	460	401	10169
8.0 - 8.9	608	441	617	621	1019	961	1350	1110	891	781	717	567	9683
9.0 - 9.9	529	494	437	426	580	503	722	409	525	544	479	604	6252
10.0 - 10.9	279	290	208	228	264	159	169	128	311	334	292	478	3140
11.0 - 11.9	331	233	155	186	161	81	56	63	187	241	232	356	2282
12.0 - 12.9	214	205	148	118	48	37	14	41	63	113	221	233	1455
13.0 - 13.9	108	115	150	105	30	2	6	17	23	82	160	142	940
14.0 - 14.9	61	55	64	28	28	.	18	2	1	27	84	81	449
15.0 - 15.9	39	53	24	14	5	.	3	.	.	4	60	35	237
16.0 - 16.9	15	19	15	1	2	.	.	.	1	.	17	10	80
17.0 - 17.9	9	5	13	.	2	.	.	.	.	.	5	6	40
18.0 - 18.9	5	4	1	.	.	.	.	.	6	.	2	2	20
19.0 - 19.9	4	.	.	.	.	.	.	.	1	.	3	1	9
20.0 - LONGER	1	.	.	.	.	.	.	.	.	.	1	.	2
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 27

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	243	206	165	144	66	12	8	22	43	198	203	212	1522
11.25 - 33.74 (22.5)	170	113	107	89	42	14	4	32	76	183	183	130	1143
33.75 - 56.24 (45.0)	202	171	148	81	57	33	22	54	277	364	178	152	1739
56.25 - 78.74 (67.5)	414	321	343	257	265	152	73	142	662	912	532	334	4407
78.75 - 101.24 (90.0)	2329	1788	1896	1969	2914	2776	3387	3476	3101	2510	2411	2522	31079
101.25 - 123.74 (112.5)	297	455	512	802	910	1155	942	887	356	328	402	350	7396
123.75 - 146.24 (135.0)	81	52	150	78	87	54	31	35	41	30	51	78	768
146.25 - 168.74 (157.5)	45	54	92	65	38	37	33	36	23	22	24	47	516
168.75 - 191.24 (180.0)	90	112	168	147	87	73	66	51	26	22	44	121	1007
191.25 - 213.74 (202.5)	102	119	162	139	78	89	77	55	30	22	61	82	1016
213.75 - 236.24 (225.0)	111	124	140	187	101	123	107	87	17	15	65	83	1160
236.25 - 258.74 (247.5)	86	110	120	189	83	140	124	43	37	16	47	73	1068
258.75 - 281.24 (270.0)	163	199	244	263	82	103	74	26	63	86	119	163	1585
281.25 - 303.74 (292.5)	161	246	285	155	55	11	9	4	21	65	168	204	1384
303.75 - 326.24 (315.0)	228	248	249	110	44	14	2	3	13	84	168	210	1373
326.25 - 348.74 (337.5)	238	202	179	125	51	14	1	7	14	103	144	199	1277
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.50 N, LONG: 81.25 W, DEPTH: 11 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 27 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	793	83	.	.	.	.	.	.	.	.	876
1.00 - 1.99	159	1209	.	.	.	.	.	.	.	.	1368
2.00 - 2.99	.	323	57	.	.	.	.	.	.	.	380
3.00 - 3.99	.	.	9	.	.	.	.	.	.	.	9
4.00 - 4.99	.	.	5	.	.	.	.	.	.	.	5
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	952	1615	71	0	0	0	0	0	0	0	2638

STATION: 27 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	775	245	18	.	.	.	.	.	.	.	1038
1.00 - 1.99	99	1545	272	.	.	.	.	.	.	.	1916
2.00 - 2.99	.	65	339	116	.	.	.	.	.	.	520
3.00 - 3.99	.	.	10	37	8	.	.	.	.	.	55
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	874	1855	639	153	8	0	0	0	0	0	3529

STATION: 27 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	811	3857	14443	5809	2303	839	182	41	11	.	28296
1.00 - 1.99	88	2352	3878	2700	1194	471	112	19	.	.	10814
2.00 - 2.99	.	17	548	603	144	45	18	.	.	.	1375
3.00 - 3.99	.	.	1	112	83	27	3	.	.	.	226
4.00 - 4.99	.	.	.	1	5	7	2	.	.	.	15
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	899	6226	18870	9225	3729	1389	317	60	11	0	40726

STATION: 27 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	488	450	84	.	.	.	.	.	.	.	1022
1.00 - 1.99	71	640	89	.	.	.	.	.	.	.	800
2.00 - 2.99	.	12	97	12	.	.	.	.	.	.	121
3.00 - 3.99	.	.	1	2	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	559	1102	271	14	0	0	0	0	0	0	1946

STATION: 27 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	750	.	.	.	.	.	.	.	.	.	750
1.00 - 1.99	420	551	.	.	.	.	.	.	.	.	971
2.00 - 2.99	.	30	.	.	.	.	.	.	.	.	30
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1170	581	0	0	0	0	0	0	0	0	1751

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.50 N, LONG: 81.25 W, DEPTH: 11 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 27 (202.50 - 247.49) 225.0 DEG

Hmo(m)	Tp(sec) 3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1148	.	.	.	.	.	.	.	.	.	1148
1.00 - 1.99	674	344	.	.	.	.	.	.	.	.	1018
2.00 - 2.99	.	21	.	.	.	.	.	.	.	.	21
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1822	365	0	0	0	0	0	0	0	0	2187

STATION: 27 (247.50 - 292.49) 270.0 DEG

Hmo(m)	Tp(sec) 3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1417	.	.	.	.	.	.	.	.	.	1417
1.00 - 1.99	1001	352	.	.	.	.	.	.	.	.	1353
2.00 - 2.99	.	56	.	.	.	.	.	.	.	.	56
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2418	409	0	0	0	0	0	0	0	0	2827

STATION: 27 (292.50 - 337.49) 315.0 DEG

Hmo(m)	Tp(sec) 3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	855	.	.	.	.	.	.	.	.	.	855
1.00 - 1.99	733	1000	.	.	.	.	.	.	.	.	1733
2.00 - 2.99	.	247	.	.	.	.	.	.	.	.	247
3.00 - 3.99	.	.	1	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1588	1247	1	0	0	0	0	0	0	0	2836

STATION: 27 ALL DIRECTIONS

Hmo(m)	Tp(sec) 3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	7037	4635	14545	5809	2303	839	182	41	11	.	35402
1.00 - 1.99	3245	7993	4239	2700	1194	471	112	19	.	.	19973
2.00 - 2.99	.	771	1041	731	144	45	18	.	.	.	2750
3.00 - 3.99	.	1	22	151	91	27	3	.	.	.	295
4.00 - 4.99	.	.	5	1	5	7	2	.	.	.	20
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	10282	13400	19852	9392	3737	1389	317	60	11	0	58440

STATION: 27

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	253	193	198	254	430	442	448	767	487	302	238	284	4296
2.50 - 4.99	1676	1342	1733	1979	2805	3118	3543	3433	2465	1965	1776	1829	27664
5.00 - 7.49	1073	1108	1281	1428	1188	911	819	626	1088	1121	1226	1096	12965
7.50 - 9.99	1104	991	1014	846	459	269	149	134	545	1053	909	937	8410
10.00 - 12.49	489	475	419	214	54	34	1	.	141	339	385	430	2981
12.50 - 14.99	306	287	252	60	22	23	.	.	73	167	202	292	1684
15.00 - 17.49	47	64	33	10	2	3	.	.	1	13	36	57	266
17.50 - 19.99	12	50	29	9	.	.	.	.	.	.	14	35	149
20.00 - GREATER		10	1								14		25
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.50 N, LONG: 81.25 W, DEPTH: 11 M

STATION: 27

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	708	561	415	340	284	186	95	191	422	821	753	662	5438
22.50 - 67.49 (45.0)	722	539	446	331	460	458	197	506	1342	1667	954	749	8371
67.50 - 112.49 (90.0)	541	424	488	575	706	713	384	634	1147	807	662	544	7625
112.50 - 157.49 (135.0)	386	395	664	840	862	781	831	754	577	355	442	505	7392
157.50 - 202.49 (180.0)	464	484	618	677	727	778	1083	1064	358	215	292	465	7225
202.50 - 247.49 (225.0)	573	617	721	779	854	1094	1666	1111	380	189	421	484	8889
247.50 - 292.49 (270.0)	730	712	847	808	722	625	609	548	391	391	589	720	7692
292.50 - 337.49 (315.0)	836	788	761	450	345	165	95	152	183	515	687	831	5808
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 27

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.21	1.07	1.02	0.91	1.08	0.85	0.80	0.71	1.00	1.38	1.25	1.04	1.02
1957	1.20	1.22	0.80	1.19	0.70	0.75	0.65	0.77	0.91	1.17	1.31	1.20	0.99
1958	1.37	1.26	0.90	1.06	0.95	0.81	0.80	0.73	0.94	1.33	0.96	1.29	1.03
1959	1.14	1.18	1.30	0.83	0.81	0.69	0.78	0.65	1.11	1.09	1.46	1.42	1.04
1960	0.93	1.29	1.13	0.92	0.84	0.76	0.77	0.60	1.16	0.71	1.00	1.15	0.94
1961	1.21	1.05	0.88	0.96	0.78	0.74	0.72	0.82	0.93	1.30	1.15	0.93	0.95
1962	1.22	1.00	1.32	0.93	0.74	0.72	0.62	0.79	0.87	1.01	1.56	1.26	1.00
1963	1.15	1.35	1.01	0.86	0.90	0.76	0.59	0.55	1.21	1.46	1.26	1.21	1.02
1964	1.14	1.08	1.02	0.95	0.84	0.59	0.84	0.71	1.25	1.47	1.18	1.34	1.03
1965	1.11	1.21	0.97	0.83	0.58	0.70	0.67	0.57	1.19	1.30	1.01	1.01	0.93
1966	1.32	1.38	1.03	0.89	0.96	0.94	0.87	0.70	0.68	1.08	1.45	0.98	1.02
1967	1.01	1.06	1.09	0.97	0.78	0.89	0.70	0.64	1.06	0.95	1.06	0.90	0.92
1968	1.18	1.05	1.06	0.72	0.74	0.80	0.67	0.58	0.73	1.05	0.77	1.01	0.86
1969	1.27	1.25	1.00	1.05	1.27	0.71	0.65	0.93	1.02	1.55	1.23	1.10	1.09
1970	1.28	1.24	1.04	0.89	0.92	0.91	0.77	0.75	0.80	1.52	1.02	0.97	1.01
1971	1.05	1.16	1.03	0.71	0.71	0.65	0.65	0.73	0.97	0.92	1.23	1.63	0.95
1972	1.15	1.13	0.92	0.86	1.16	1.01	0.74	0.61	0.77	1.18	1.00	0.98	0.96
1973	1.12	1.19	1.12	1.00	0.82	0.75	0.62	0.64	0.77	1.13	0.91	1.07	0.93
1974	0.88	0.95	0.85	0.88	0.59	0.45	0.50	0.59	0.87	1.26	0.94	0.92	0.81
1975	1.22	0.99	1.12	0.86	0.59	0.65	0.75	0.60	0.93	0.92	1.22	1.44	0.94
MEAN	1.16	1.15	1.03	0.91	0.84	0.76	0.71	0.68	0.96	1.19	1.15	1.14	

STATION: 27

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	29 9 7	29 9 9	23 6 1	25 631	26 8 7	14 533	12 910	121010	25 8 4	3510 7	3611 7	241010	3611 7
1957	21 635	2910 7	20 528	26 912	17 6 1	16 614	12 426	18 5 1	19 9 8	22 8 7	2910 8	25 632	2910 8
1958	3510 7	30 628	23 811	31 735	19 9 9	1411 9	13 910	16 534	16 7 9	3911 7	24 8 7	29 735	3911 7
1959	23 810	24 8 8	27 9 9	16 534	15 610	11 420	11 4 1	11 423	24 9 8	23 9 9	3910 7	34 9 8	3910 7
1960	21 633	28 631	24 632	18 613	1911 8	18 7 5	19 516	13 535	321010	16 5 1	19 6 5	3110 6	321010
1961	311010	25 910	26 630	25 812	14 517	17 517	111110	13 6 9	25 9 6	23 8 9	24 636	21 531	311010
1962	2810 7	25 6 1	28 630	21 6 1	13 5 4	11 432	11 425	16 8 9	21 7 6	29 736	4513 8	4114 8	4513 8
1963	27 9 7	4010 7	20 530	16 7 9	19 7 7	20 8 7	12 425	11 426	3711 8	3410 7	29 631	4212 9	4212 9
1964	4212 9	23 713	22 713	18 712	30 7 0	11 431	15 710	19 7 9	3010 8	3410 7	2910 7	32 9 7	4212 9
1965	22 8 6	29 912	22 6 2	19 8 8	9 711	18 614	12 5 1	11 422	3510 7	2910 7	18 636	24 635	3510 7
1966	27 8 8	3912 8	19 6 5	16 526	20 7 8	28 910	20 7 6	17 536	1710 9	20 7 7	32 9 6	29 9 7	3912 8
1967	22 810	27 8 4	24 8 7	20 6 1	17 6 1	16 6 5	11 422	10 419	18 7 6	19 7 9	23 8 5	31 735	31 735
1968	27 8 5	26 631	29 630	18 533	18 7 9	3110 8	15 6 8	13 6 6	16 6 5	25 910	26 630	26 619	3110 8
1969	3010 6	301010	32 912	22 711	20 810	12 610	10 810	17 5 3	27 9 7	3310 8	3110 9	301011	3310 8
1970	28 9 8	29 812	20 635	20 811	18 6 3	14 425	15 613	12 523	17 6 4	36 9 7	29 7 0	22 715	36 9 7
1971	27 736	2811 9	24 635	21 910	21 715	10 422	10 415	14 910	25 6 0	25 9 8	26 9 8	4011 7	4011 7
1972	30 8 5	24 9 7	19 6 4	27 7 5	26 735	311010	15 6 5	10 418	19 6 6	24 9 7	22 8 8	22 635	311010
1973	25 813	27 736	21 814	1910 9	18 713	19 710	11 9 9	12 510	21 8 9	22 8 6	27 8 5	22 813	27 8 5
1974	20 8 7	19 635	15 530	19 530	25 714	10 425	9 9 9	8 8 9	26 9 6	3911 7	24 8 6	22 630	3911 7
1975	27 810	2410 8	23 531	21 635	12 517	16 6 9	1315 8	9 5 8	23 618	23 8 9	26 9 9	32 9 6	32 9 6
MAX	4212 9	4010 7	32 912	31 735	30 7 0	311010	20 7 6	19 7 9	3711 8	3911 7	4513 8	4212 9	

MAX Hmo(m): 4.5 MAX Tp(sec): 13. MAX Dp(deg): 79. DATE(gmt): 62112806

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 340. DATE(gmt): 62112712

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.75 N, LONG: 81.25 W, DEPTH: 11 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 28

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	265	362	351	420	365	379	320	418	262	213	346	438	4139
0.50 - 0.99	1855	1641	2233	2424	3220	3581	4144	4013	2893	2129	1931	1904	31968
1.00 - 1.49	1590	1340	1526	1536	1035	694	449	484	1103	1346	1497	1438	14038
1.50 - 1.99	889	742	628	354	290	94	47	45	313	779	629	710	5520
2.00 - 2.49	284	320	188	52	39	25	.	.	132	314	253	318	1925
2.50 - 2.99	65	90	31	14	11	16	.	.	58	119	90	108	602
3.00 - 3.49	9	17	3	.	.	11	.	.	37	51	32	24	184
3.50 - 3.99	2	8	.	.	.	.	.	.	2	9	22	19	62
4.00 - 4.49	1	.	.	.	.	.	.	.	.	.	.	1	2
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	.	.	0
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 28

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	188	227	268	303	202	194	161	112	118	147	159	187	2266
4.0 - 4.9	881	890	1147	1105	596	480	353	331	353	509	709	835	8189
5.0 - 5.9	841	852	988	662	435	377	185	307	816	577	893	764	7697
6.0 - 6.9	425	339	366	406	595	809	413	926	699	656	403	350	6387
7.0 - 7.9	502	363	411	648	1117	1299	1606	1732	944	1011	494	376	10503
8.0 - 8.9	629	460	634	649	1042	960	1315	923	847	779	737	637	9612
9.0 - 9.9	539	500	436	437	509	427	652	397	468	553	491	583	5992
10.0 - 10.9	243	296	209	209	230	146	175	114	307	313	264	453	2959
11.0 - 11.9	322	201	152	156	128	77	61	57	174	208	195	320	2051
12.0 - 12.9	192	178	131	107	44	30	13	40	51	102	195	205	1288
13.0 - 13.9	87	105	119	78	29	1	6	15	21	80	124	129	794
14.0 - 14.9	61	50	49	30	27	.	16	4	2	25	64	62	390
15.0 - 15.9	33	41	25	10	6	.	4	2	.	.	51	45	217
16.0 - 16.9	5	15	11	.	.	.	.	.	.	.	11	8	50
17.0 - 17.9	3	2	12	.	.	.	.	.	.	.	3	4	24
18.0 - 18.9	6	1	2	.	.	.	.	.	.	.	3	1	13
19.0 - 19.9	2	.	.	.	.	.	.	.	.	.	3	1	6
20.0 - LONGER	1	.	.	.	.	.	.	.	.	.	1	.	2
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 28

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	242	200	149	132	58	14	8	17	33	200	190	201	1444
11.25 - 33.74 (22.5)	138	95	77	72	32	6	2	23	55	167	168	113	948
33.75 - 56.24 (45.0)	178	144	135	63	56	31	15	48	271	311	149	145	1546
56.25 - 78.74 (67.5)	253	180	153	99	119	53	34	83	350	520	294	179	2317
78.75 - 101.24 (90.0)	1811	1329	1339	1391	1763	1191	977	1481	2562	2480	2189	2223	20736
101.25 - 123.74 (112.5)	964	1019	1228	1497	2179	2834	3425	2956	1227	794	815	742	19680
123.75 - 146.24 (135.0)	90	80	195	137	119	87	33	56	61	34	73	104	1069
146.25 - 168.74 (157.5)	60	74	115	84	50	41	32	39	26	31	39	78	669
168.75 - 191.24 (180.0)	101	127	185	141	86	92	66	54	27	24	61	132	1096
191.25 - 213.74 (202.5)	105	122	156	141	82	69	80	56	32	20	65	76	1004
213.75 - 236.24 (225.0)	112	112	134	200	99	128	95	77	21	19	58	80	1135
236.25 - 258.74 (247.5)	74	114	117	180	82	118	102	37	30	16	55	74	999
258.75 - 281.24 (270.0)	168	210	265	261	77	102	82	25	59	83	117	182	1631
281.25 - 303.74 (292.5)	165	256	278	167	66	12	7	4	19	79	197	221	1471
303.75 - 326.24 (315.0)	251	268	272	106	43	10	2	1	13	84	173	228	1451
326.25 - 348.74 (337.5)	248	190	162	129	49	12	.	3	14	98	157	182	1244
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.75 N, LONG: 81.25 W, DEPTH: 11 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 28 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	853	3	.	.	.	.	.	.	.	.	856
1.00 - 1.99	471	998	.	.	.	.	.	.	.	.	1469
2.00 - 2.99	.	195	.	.	.	.	.	.	.	.	195
3.00 - 3.99	.	.	6	.	.	.	.	.	.	.	6
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1324	1196	6	0	0	0	0	0	0	0	2526

STATION: 28 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	754	135	.	.	.	.	.	.	.	.	889
1.00 - 1.99	107	1435	135	.	.	.	.	.	.	.	1677
2.00 - 2.99	.	64	216	31	.	.	.	.	.	.	311
3.00 - 3.99	.	.	6	5	1	.	.	.	.	.	12
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	861	1634	357	36	1	0	0	0	0	0	2889

STATION: 28 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	839	3817	14040	5524	2217	774	159	25	8	.	27403
1.00 - 1.99	73	2300	3894	2543	927	349	85	11	.	.	10182
2.00 - 2.99	.	13	572	612	101	38	12	1	.	.	1349
3.00 - 3.99	.	.	3	101	78	23	11	.	.	.	216
4.00 - 4.99	.	.	.	.	2	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	912	6130	18509	8780	3325	1184	267	37	8	0	39152

STATION: 28 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	556	1194	886	61	1	.	.	.	.	.	2698
1.00 - 1.99	71	886	228	25	7	.	.	.	.	.	1217
2.00 - 2.99	.	15	114	43	5	.	.	.	.	.	177
3.00 - 3.99	.	.	3	6	.	.	.	.	.	.	9
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	627	2095	1231	135	13	0	0	0	0	0	4101

STATION: 28 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	757	46	.	.	.	.	.	.	.	.	803
1.00 - 1.99	130	814	.	.	.	.	.	.	.	.	944
2.00 - 2.99	.	146	8	.	.	.	.	.	.	.	154
3.00 - 3.99	.	.	2	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	887	1006	10	0	0	0	0	0	0	0	1903

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.75 N, LONG: 81.25 W, DEPTH: 11 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 28 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1144		.	.	.	.	.	.	.	.	1144
1.00 - 1.99	619	319	.	.	.	.	.	.	.	.	938
2.00 - 2.99	.	17	.	.	.	.	.	.	.	.	17
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1763	336	0	0	0	0	0	0	0	0	2099

STATION: 28 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1436		.	.	.	.	.	.	.	.	1436
1.00 - 1.99	984	365	.	.	.	.	.	.	.	.	1349
2.00 - 2.99	.	70	.	.	.	.	.	.	.	.	70
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2420	435	0	0	0	0	0	0	0	0	2855

STATION: 28 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	878		.	.	.	.	.	.	.	.	878
1.00 - 1.99	783	999	.	.	.	.	.	.	.	.	1782
2.00 - 2.99	.	253	1	.	.	.	.	.	.	.	254
3.00 - 3.99	.	.	1	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1661	1252	2	0	0	0	0	0	0	0	2915

STATION: 28 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	7217	5195	14926	5585	2218	774	159	25	8	.	36107
1.00 - 1.99	3238	8116	4257	2568	934	349	85	11	.	.	19558
2.00 - 2.99	.	773	911	686	106	38	12	1	.	.	2527
3.00 - 3.99	.	.	21	112	79	23	11	.	.	.	246
4.00 - 4.99	.	.	.	.	2	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	10455	14084	20115	8951	3339	1184	267	37	8	0	58440

STATION: 28

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	245	194	193	246	416	438	442	749	472	292	237	268	4192
2.50 - 4.99	1713	1369	1764	2001	2872	3172	3571	3487	2537	2022	1817	1891	28216
5.00 - 7.49	1061	1080	1258	1429	1162	871	811	600	1058	1117	1218	1074	12739
7.50 - 9.99	1096	1004	1015	830	431	258	136	124	522	1045	880	910	8251
10.00 - 12.49	480	452	416	210	55	35	.	.	143	314	385	429	2919
12.50 - 14.99	303	295	250	65	22	24	.	.	67	163	197	297	1683
15.00 - 17.49	52	68	33	10	2	2	.	.	1	7	38	56	269
17.50 - 19.99	10	48	30	9	.	.	.	.	.	.	16	35	148
20.00 - GREATER		10	1								12		23
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 30.75 N, LONG: 81.25 W, DEPTH: 11 M

STATION: 28

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	695	549	412	353	296	199	111	195	418	813	755	677	5473
22.50 - 67.49 (45.0)	725	546	446	316	452	457	192	519	1356	1656	924	729	8318
67.50 - 112.49 (90.0)	541	436	480	553	691	693	383	613	1127	818	661	525	7521
112.50 - 157.49 (135.0)	391	374	656	829	855	789	813	752	583	360	447	497	7346
157.50 - 202.49 (180.0)	454	484	613	693	739	779	1059	1043	348	217	297	485	7211
202.50 - 247.49 (225.0)	562	622	724	794	854	1083	1680	1122	383	181	430	488	8923
247.50 - 292.49 (270.0)	748	715	850	813	718	633	629	558	387	393	585	736	7765
292.50 - 337.49 (315.0)	844	794	779	449	355	167	93	158	198	522	701	823	5883
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 28

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.15	1.07	1.00	0.91	1.06	0.85	0.81	0.72	0.97	1.32	1.19	1.03	1.01
1957	1.17	1.21	0.78	1.21	0.70	0.75	0.66	0.76	0.91	1.11	1.29	1.17	0.97
1958	1.34	1.25	0.88	1.04	0.94	0.81	0.81	0.72	0.93	1.26	0.94	1.23	1.01
1959	1.10	1.17	1.29	0.80	0.82	0.69	0.79	0.64	1.06	1.09	1.39	1.36	1.02
1960	0.92	1.27	1.13	0.91	0.81	0.76	0.77	0.59	1.13	0.69	0.95	1.07	0.92
1961	1.17	1.05	0.88	0.96	0.78	0.75	0.73	0.82	0.89	1.22	1.10	0.91	0.94
1962	1.18	0.95	1.26	0.93	0.71	0.73	0.63	0.79	0.86	0.95	1.45	1.18	0.97
1963	1.10	1.32	1.01	0.86	0.88	0.76	0.59	0.56	1.16	1.37	1.22	1.17	1.00
1964	1.11	1.06	1.02	0.97	0.80	0.60	0.84	0.71	1.21	1.42	1.16	1.30	1.02
1965	1.09	1.19	0.96	0.81	0.59	0.70	0.68	0.57	1.16	1.25	0.95	0.95	0.91
1966	1.30	1.37	0.99	0.88	0.96	0.92	0.88	0.70	0.68	1.03	1.35	0.95	1.00
1967	0.99	1.04	1.05	0.94	0.78	0.88	0.72	0.65	1.02	0.90	0.99	0.88	0.90
1968	1.13	1.00	1.04	0.69	0.74	0.81	0.68	0.59	0.71	1.04	0.79	1.00	0.85
1969	1.22	1.19	0.99	1.06	1.27	0.72	0.66	0.93	1.00	1.49	1.18	1.10	1.07
1970	1.25	1.19	1.04	0.88	0.89	0.92	0.78	0.74	0.78	1.46	0.97	0.95	0.99
1971	1.03	1.17	1.02	0.71	0.73	0.66	0.66	0.74	0.93	0.92	1.18	1.60	0.94
1972	1.13	1.11	0.90	0.84	1.14	1.01	0.74	0.63	0.75	1.13	0.99	0.96	0.94
1973	1.09	1.16	1.13	1.01	0.83	0.78	0.63	0.64	0.76	1.06	0.90	1.08	0.92
1974	0.90	0.94	0.85	0.90	0.59	0.47	0.50	0.59	0.87	1.19	0.90	0.92	0.80
1975	1.20	1.01	1.10	0.86	0.60	0.66	0.73	0.62	0.94	0.91	1.18	1.37	0.93
MEAN	1.13	1.14	1.02	0.91	0.83	0.76	0.71	0.69	0.94	1.14	1.10	1.11	

STATION: 28

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	25 634	28 910	21 619	26 630	25 8 8	13 431	12 910	11 420	24 7 4	3410 8	3313 9	241010	3410 8
1957	21 6 4	29 911	20 528	26 912	15 536	16 614	12 426	17 5 2	19 9 9	21 8 8	2810 9	25 632	29 911
1958	3210 6	29 628	23 811	28 635	20 910	141110	12 910	14 536	16 7 9	3511 8	24 8 8	27 634	3511 8
1959	25 813	25 9 8	28 913	16 517	14 611	11 519	11 512	11 423	23 8 8	23 9 9	3710 8	3111 9	3710 8
1960	21 633	29 718	24 632	18 613	1711 9	18 7 6	19 616	11 435	331010	15 5 1	18 6 5	29 9 5	331010
1961	301010	251010	26 630	25 813	14 518	18 616	111110	14 6 9	24 8 4	22 810	23 8 9	21 531	301010
1962	29 8 5	21 7 6	27 630	20 617	12 5 4	12 6 9	11 425	17 810	22 7 7	26 635	3912 9	3615 9	3912 9
1963	26 7 5	3811 8	22 619	16 7 9	18 7 8	20 8 7	12 426	11 426	3511 8	3310 8	29 8 8	4112 9	4112 9
1964	4412 9	23 713	24 620	19 714	27 635	12 431	15 711	19 810	30 7 4	32 9 7	2810 8	30 9 8	4412 9
1965	23 7 5	29 912	22 814	18 8 9	9 712	18 616	11 4 1	11 423	3310 8	2810 8	17 535	21 6 1	3310 8
1966	26 631	3712 8	19 530	18 525	19 7 8	27 912	19 7 7	15 5 1	161010	19 7 7	31 8 5	28 9 8	3712 8
1967	22 910	27 8 5	24 619	20 712	16 535	16 6 6	11 422	9 419	17 7 7	19 710	22 7 4	26 635	27 8 5
1968	27 7 3	25 718	29 717	18 532	17 7 9	3010 9	15 6 8	14 6 6	16 6 5	25 910	26 630	28 719	3010 9
1969	2810 7	301010	33 914	24 811	20 810	12 610	10 811	17 6 6	26 9 8	3210 9	301010	311013	33 914
1970	27 9 9	31 814	20 635	23 620	16 710	16 524	15 613	12 423	17 6 5	35 9 8	26 636	24 619	35 9 8
1971	24 631	2811 9	24 630	21 910	22 619	10 910	10 416	14 911	2111 9	24 9 9	26 8 7	3812 9	3812 9
1972	29 8 7	23 9 8	19 6 5	26 7 5	24 634	311010	15 6 5	9 711	17 6 6	24 8 8	22 8 9	19 535	311010
1973	25 813	24 635	23 617	21 617	18 618	19 711	11 9 9	11 510	20 8 9	22 8 7	26 7 5	22 620	26 7 5
1974	19 7 8	21 619	15 530	19 530	25 715	10 424	8 9 9	8 710	25 9 7	3712 7	22 8 8	22 616	3712 7
1975	25 810	2410 9	23 531	18 613	14 518	16 6 9	11 423	9 5 9	26 813	23 619	25 9 9	30 8 6	30 8 6
MAX	4412 9	3811 8	33 914	28 635	27 635	311010	19 7 7	19 810	3511 8	3712 7	3912 9	4112 9	

MAX Hmo(m): 4.4 MAX Tp(sec): 12. MAX Dp(deg): 94. DATE(gmt): 64010100

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 345. DATE(gmt): 62112712

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.00 N, LONG: 81.25 W, DEPTH: 9 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 29

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	342	422	443	496	410	401	350	506	299	328	445	529	4971
0.50 - 0.99	2015	1750	2288	2544	3269	3623	4185	4008	3084	2289	2142	2009	33206
1.00 - 1.49	1603	1352	1526	1404	1013	652	390	412	979	1340	1403	1425	13499
1.50 - 1.99	759	644	526	295	238	76	34	34	259	679	514	682	4740
2.00 - 2.49	201	273	159	55	30	21	1	.	97	209	206	227	1479
2.50 - 2.99	36	61	16	6	.	26	.	.	68	97	75	63	448
3.00 - 3.49	2	17	2	.	.	1	.	.	14	18	15	21	90
3.50 - 3.99	1	1	.	.	.	.	.	.	.	.	.	4	6
4.00 - 4.49	1	.	.	.	.	.	.	.	.	.	.	.	1
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	.	.	0
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 29

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	304	327	393	406	261	232	176	131	177	268	254	278	3207
4.0 - 4.9	906	916	1068	1061	559	424	328	308	330	508	855	873	8136
5.0 - 5.9	648	655	824	522	388	338	178	262	742	404	661	623	6245
6.0 - 6.9	366	319	363	394	597	860	426	1029	754	622	381	305	6416
7.0 - 7.9	540	383	468	683	1135	1240	1527	1642	946	1059	511	403	10537
8.0 - 8.9	644	490	679	682	1060	977	1403	940	863	849	763	671	10021
9.0 - 9.9	615	551	497	500	537	474	637	409	485	545	514	643	6407
10.0 - 10.9	287	313	217	212	223	160	179	118	298	317	271	433	3028
11.0 - 11.9	304	212	163	152	107	62	64	51	139	203	185	311	1953
12.0 - 12.9	178	165	109	96	44	32	15	51	49	88	161	195	1183
13.0 - 13.9	74	89	96	59	20	1	8	13	16	77	116	94	663
14.0 - 14.9	43	47	40	20	26	.	15	3	1	20	59	88	362
15.0 - 15.9	30	34	20	13	3	.	4	3	.	.	44	27	178
16.0 - 16.9	10	15	10	.	.	.	.	.	.	.	13	7	55
17.0 - 17.9	3	2	10	.	.	.	.	.	.	.	4	5	24
18.0 - 18.9	3	.	2	.	.	.	.	.	.	.	3	2	10
19.0 - 19.9	5	2	1	.	.	.	.	.	.	.	5	2	15
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 29

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	167	152	106	104	39	10	2	8	32	151	158	151	1080
11.25 - 33.74 (22.5)	130	81	66	52	31	4	1	11	62	127	142	100	807
33.75 - 56.24 (45.0)	121	101	91	42	39	31	6	21	194	223	135	103	1104
56.25 - 78.74 (67.5)	169	136	107	48	65	29	26	65	276	347	172	116	1556
78.75 - 101.24 (90.0)	1033	869	890	661	825	366	190	267	1514	1985	1479	1339	11418
101.25 - 123.74 (112.5)	1855	1518	1701	2130	2992	3577	4203	4195	2334	1579	1586	1639	29309
123.75 - 146.24 (135.0)	188	193	327	327	307	191	65	86	124	68	161	217	2254
146.25 - 168.74 (157.5)	74	82	143	94	73	52	34	48	35	35	46	94	810
168.75 - 191.24 (180.0)	100	126	197	162	96	91	69	62	33	24	69	150	1179
191.25 - 213.74 (202.5)	100	112	135	144	72	67	81	54	29	19	72	70	955
213.75 - 236.24 (225.0)	108	131	139	201	107	130	93	72	21	17	65	76	1160
236.25 - 258.74 (247.5)	79	107	109	176	84	120	99	33	31	22	64	77	1001
258.75 - 281.24 (270.0)	183	224	277	286	81	97	79	26	63	86	135	201	1738
281.25 - 303.74 (292.5)	192	265	299	170	69	14	9	6	23	89	208	250	1594
303.75 - 326.24 (315.0)	236	241	226	89	35	11	2	2	13	95	161	214	1325
326.25 - 348.74 (337.5)	225	182	147	114	45	10	1	4	16	93	150	163	1150
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.00 N, LONG: 81.25 W, DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 29 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1146	.	.	.	.	.	.	.	.	.	1146
1.00 - 1.99	694	173	.	.	.	.	.	.	.	.	867
2.00 - 2.99	.	27	1	.	.	.	.	.	.	.	28
3.00 - 3.99	.	.	1	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1840	200	2	0	0	0	0	0	0	0	2042

STATION: 29 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	753	40	.	.	.	.	.	.	.	.	793
1.00 - 1.99	195	1078	99	.	.	.	.	.	.	.	1372
2.00 - 2.99	.	39	109	10	.	.	.	.	.	.	158
3.00 - 3.99	.	.	.	2	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	948	1157	208	12	0	0	0	0	0	0	2325

STATION: 29 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	841	2651	9325	5301	2166	734	172	25	15	.	21230
1.00 - 1.99	74	1930	3033	2172	786	232	53	9	.	.	8289
2.00 - 2.99	.	3	348	551	85	48	8	.	.	.	1043
3.00 - 3.99	.	.	.	21	49	11	.	.	.	.	81
4.00 - 4.99	.	.	.	.	1	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	915	4584	12706	8045	3087	1025	233	34	15	0	30644

STATION: 29 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	650	2678	6282	847	22	.	.	.	.	.	10479
1.00 - 1.99	73	1120	1134	367	16	.	.	.	.	.	2710
2.00 - 2.99	.	4	157	156	7	.	.	.	.	.	324
3.00 - 3.99	.	.	.	8	4	.	.	.	.	.	12
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	723	3802	7573	1378	49	0	0	0	0	0	13525

STATION: 29 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	822	78	.	.	.	.	.	.	.	.	900
1.00 - 1.99	118	827	.	.	.	.	.	.	.	.	945
2.00 - 2.99	.	89	69	.	.	.	.	.	.	.	158
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	940	994	69	0	0	0	0	0	0	0	2003

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.00 N, LONG: 81.25 W, DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 29 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1178		.	.	.	.	.	.	.	.	1178
1.00 - 1.99	586	305	.	.	.	.	.	.	.	.	891
2.00 - 2.99	.	10	.	.	.	.	.	.	.	.	10
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1764	315	0	0	0	0	0	0	0	0	2079

STATION: 29 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1591		.	.	.	.	.	.	.	.	1591
1.00 - 1.99	1037	415	.	.	.	.	.	.	.	.	1452
2.00 - 2.99	.	74	.	.	.	.	.	.	.	.	74
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2628	489	0	0	0	0	0	0	0	0	3117

STATION: 29 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	860		.	.	.	.	.	.	.	.	860
1.00 - 1.99	725	988	.	.	.	.	.	.	.	.	1713
2.00 - 2.99	.	132	.	.	.	.	.	.	.	.	132
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1585	1120	0	0	0	0	0	0	0	0	2705

STATION: 29 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	7841	5447	15607	6148	2188	734	172	25	15	.	38177
1.00 - 1.99	3502	6836	4266	2539	802	232	53	9	.	.	18239
2.00 - 2.99	.	378	684	717	92	48	8	.	.	.	1927
3.00 - 3.99	.	.	1	31	53	11	.	.	.	.	96
4.00 - 4.99	.	.	.	.	1	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11343	12661	20558	9435	3136	1025	233	34	15	0	58440

STATION: 29

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	233	180	183	236	395	416	425	722	463	299	242	260	4054
2.50 - 4.99	1748	1396	1795	2033	2945	3230	3639	3557	2583	2065	1872	1948	28811
5.00 - 7.49	1066	1080	1280	1426	1111	847	770	566	1043	1097	1181	1034	12501
7.50 - 9.99	1079	994	958	802	430	249	126	115	500	1039	877	879	8048
10.00 - 12.49	470	443	424	214	53	31	.	.	147	293	360	440	2875
12.50 - 14.99	306	298	251	69	24	25	.	.	63	161	193	303	1693
15.00 - 17.49	47	68	39	12	2	2	.	.	1	6	44	58	279
17.50 - 19.99	11	49	29	8	.	.	.	.	.	.	19	38	154
20.00 - GREATER		12	1								12		25
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.00 N, LONG: 81.25 W, DEPTH: 9 M

STATION: 29

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	692	547	424	341	308	204	113	201	414	806	755	664	5469
22.50 - 67.49 (45.0)	713	549	428	302	452	456	184	529	1371	1642	911	721	8258
67.50 - 112.49 (90.0)	538	422	493	548	652	684	397	610	1113	821	637	503	7418
112.50 - 157.49 (135.0)	393	380	631	807	861	773	784	729	586	354	452	502	7252
157.50 - 202.49 (180.0)	441	484	621	714	764	785	1054	1022	337	221	311	490	7244
202.50 - 247.49 (225.0)	576	619	738	811	845	1068	1685	1146	388	185	426	497	8984
247.50 - 292.49 (270.0)	758	730	855	813	730	640	639	565	384	392	583	752	7841
292.50 - 337.49 (315.0)	849	789	770	464	348	190	104	158	207	539	725	831	5974
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 29

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.07	1.04	0.94	0.89	1.01	0.83	0.80	0.71	0.92	1.20	1.10	0.99	0.96
1957	1.10	1.14	0.75	1.19	0.68	0.73	0.65	0.73	0.88	0.99	1.20	1.11	0.93
1958	1.28	1.20	0.86	1.00	0.91	0.79	0.80	0.69	0.89	1.14	0.89	1.12	0.96
1959	1.01	1.12	1.24	0.76	0.80	0.67	0.78	0.62	0.97	1.05	1.25	1.25	0.96
1960	0.88	1.21	1.07	0.86	0.78	0.75	0.75	0.57	1.06	0.64	0.88	0.96	0.87
1961	1.11	1.03	0.86	0.92	0.76	0.73	0.72	0.79	0.83	1.11	1.01	0.88	0.90
1962	1.10	0.88	1.16	0.89	0.66	0.71	0.62	0.77	0.82	0.85	1.28	1.05	0.90
1963	0.98	1.22	0.99	0.83	0.83	0.73	0.58	0.54	1.08	1.24	1.13	1.07	0.93
1964	1.04	1.01	0.99	0.94	0.73	0.59	0.82	0.70	1.13	1.28	1.07	1.19	0.96
1965	1.02	1.13	0.92	0.77	0.58	0.68	0.66	0.56	1.10	1.16	0.87	0.85	0.85
1966	1.22	1.30	0.93	0.84	0.93	0.89	0.87	0.67	0.67	0.94	1.21	0.89	0.94
1967	0.93	0.97	0.99	0.89	0.76	0.84	0.71	0.63	0.94	0.82	0.89	0.81	0.85
1968	1.03	0.91	0.98	0.64	0.72	0.80	0.67	0.59	0.66	1.00	0.77	0.95	0.81
1969	1.11	1.09	0.94	1.02	1.23	0.72	0.65	0.91	0.95	1.38	1.08	1.05	1.01
1970	1.16	1.10	1.00	0.86	0.84	0.91	0.77	0.72	0.74	1.35	0.89	0.91	0.94
1971	0.97	1.13	0.97	0.69	0.72	0.65	0.65	0.72	0.85	0.87	1.09	1.53	0.90
1972	1.04	1.04	0.86	0.80	1.10	0.97	0.72	0.61	0.71	1.06	0.93	0.91	0.89
1973	1.02	1.08	1.10	0.98	0.82	0.77	0.61	0.62	0.73	0.94	0.86	1.05	0.88
1974	0.88	0.90	0.82	0.89	0.59	0.47	0.49	0.57	0.83	1.06	0.82	0.89	0.77
1975	1.13	0.99	1.05	0.82	0.60	0.65	0.70	0.61	0.91	0.87	1.10	1.25	0.89
MEAN	1.05	1.07	0.97	0.87	0.80	0.74	0.70	0.67	0.88	1.05	1.02	1.03	

STATION: 29

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	221510	271010	21 717	25 630	22 8 9	13 432	12 911	11 912	23 717	29 9 7	301310	261011	301310
1957	19 615	29 912	19 528	25 913	11 436	15 618	11 426	15 6 4	18 910	19 7 8	2510 9	24 632	29 912
1958	2910 7	26 630	22 812	25 634	20 911	131011	12 811	12 434	15 6 9	3111 9	22 7 8	22 811	3111 9
1959	26 719	23 9 9	28 718	17 616	15 520	11 519	10 811	10 422	21 8 9	24 911	32 9 7	291110	32 9 7
1960	20 633	29 914	23 718	18 614	161110	16 6 5	18 616	8 424	331112	13 5 3	17 6 6	24 8 5	331112
1961	281012	241011	25 629	23 913	14 617	18 617	111111	13 610	22 9 5	20 810	21 8 9	21 813	281012
1962	25 9 7	16 5 3	26 630	20 618	11 5 4	11 519	10 425	17 811	21 7 8	211110	311210	311410	311410
1963	24 7 7	3310 8	22 620	16 710	17 710	17 7 7	12 425	11 426	3211 9	2910 9	26 630	391210	391210
1964	431210	22 812	25 718	20 616	211210	12 431	15 711	19 812	281010	27 8 5	25 910	27 9 9	431210
1965	22 620	28 913	21 620	18 618	9 712	17 617	10 415	10 422	3010 8	27 9 7	16 533	18 7 7	3010 8
1966	25 631	351013	18 530	17 525	17 7 9	26 913	20 812	141011	161011	18 6 6	27 7 3	24 9 9	351013
1967	22 912	24 9 7	24 718	19 712	16 523	15 6 7	11 422	9 421	15 6 7	17 711	18 6 3	25 719	25 719
1968	25 7 4	23 719	28 914	16 532	16 710	301010	15 6 9	14 6 6	15 6 6	24 911	24 630	27 914	301010
1969	25 9 7	281012	301014	24 814	20 810	12 612	10 812	17 6 7	23 9 8	291010	301210	291013	301210
1970	26 910	30 914	18 713	24 718	15 711	15 523	15 613	11 424	16 5 3	31 9 9	21 535	24 814	31 9 9
1971	24 630	26 719	23 630	21 911	22 717	10 912	9 421	14 912	161110	23 910	23 910	3612 9	3612 9
1972	24 7 4	21 8 7	19 619	22 6 3	21 813	291012	14 6 7	9 414	15 6 8	21 8 8	21 8 9	16 533	291012
1973	23 814	24 8 9	23 620	21 717	19 618	18 712	10 910	11 510	19 7 9	19 7 7	22 7 7	23 718	24 8 9
1974	18 7 8	23 717	15 530	19 530	23 815	10 424	8 910	8 612	23 8 7	3410 7	21 813	21 811	3410 7
1975	25 719	231010	22 812	18 533	13 518	15 610	11 425	9 4 9	26 718	23 718	23 810	27 718	27 718
MAX	431210	351013	301014	25 634	23 815	301010	20 812	19 812	331112	3410 7	32 9 7	391210	

MAX Hmo(m): 4.3 MAX Tp(sec): 12. MAX Dp(deg): 104. DATE(gmt): 64010100

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 340. DATE(gmt): 62112709

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.25 N, LONG: 81.00 W, DEPTH: 11 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 30

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	301	349	377	431	336	307	275	370	253	258	408	476	4141
0.50 - 0.99	1796	1622	2123	2321	3114	3530	4004	3966	2870	2105	1947	1882	31280
1.00 - 1.49	1521	1274	1456	1485	1130	792	614	565	1130	1360	1376	1309	14012
1.50 - 1.99	926	754	673	432	310	111	62	53	310	778	647	774	5830
2.00 - 2.49	327	359	259	103	63	25	5	6	138	277	278	358	2198
2.50 - 2.99	72	120	63	28	7	21	.	.	54	129	85	102	681
3.00 - 3.49	14	26	9	.	.	14	.	.	39	49	50	39	240
3.50 - 3.99	1	14	.	.	.	.	.	.	6	4	9	13	47
4.00 - 4.49	2	2	.	.	.	.	.	.	.	.	.	7	11
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	.	.	0
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 30

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	206	231	266	282	182	173	155	94	105	161	152	208	2215
4.0 - 4.9	783	774	975	939	504	407	290	279	303	452	725	749	7180
5.0 - 5.9	839	885	1024	739	466	405	242	341	768	589	870	785	7953
6.0 - 6.9	498	405	482	450	648	896	413	967	759	701	452	413	7084
7.0 - 7.9	542	408	477	704	1174	1274	1560	1698	974	1082	546	443	10882
8.0 - 8.9	647	504	701	720	1072	961	1401	956	947	803	769	675	10156
9.0 - 9.9	593	527	478	485	523	445	631	399	492	554	519	650	6296
10.0 - 10.9	287	312	189	201	231	155	182	116	270	281	293	398	2915
11.0 - 11.9	282	195	142	126	83	58	50	53	135	166	166	309	1765
12.0 - 12.9	167	139	90	71	46	25	11	41	39	93	149	167	1038
13.0 - 13.9	54	73	75	65	19	1	7	10	7	63	86	70	530
14.0 - 14.9	31	31	35	14	12	.	16	3	1	15	36	67	261
15.0 - 15.9	17	26	12	4	.	.	2	.	.	.	23	15	99
16.0 - 16.9	8	7	10	.	.	.	.	3	.	.	5	6	39
17.0 - 17.9	1	2	3	.	.	.	.	.	.	.	3	3	12
18.0 - 18.9	1	1	.	.	.	.	.	.	.	.	3	1	6
19.0 - 19.9	4	.	1	.	.	.	.	.	.	.	2	1	8
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	1	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 30

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	227	200	148	131	63	11	5	13	26	186	171	207	1388
11.25 - 33.74 (22.5)	144	105	84	67	30	8	3	18	58	182	169	126	994
33.75 - 56.24 (45.0)	177	138	113	65	58	24	8	44	260	292	169	125	1473
56.25 - 78.74 (67.5)	248	185	153	83	96	41	38	70	329	450	272	192	2157
78.75 - 101.24 (90.0)	1163	975	948	986	1214	578	362	718	1954	2210	1676	1710	14494
101.25 - 123.74 (112.5)	1465	1178	1449	1658	2505	3314	3971	3698	1777	1102	1162	1053	24332
123.75 - 146.24 (135.0)	201	245	332	367	332	215	73	86	142	75	180	220	2468
146.25 - 168.74 (157.5)	87	104	159	121	95	62	43	55	39	36	56	114	971
168.75 - 191.24 (180.0)	113	116	209	147	90	76	63	66	27	22	71	138	1138
191.25 - 213.74 (202.5)	110	130	160	159	71	85	76	48	26	20	85	88	1058
213.75 - 236.24 (225.0)	122	164	160	213	112	124	108	69	23	16	80	93	1284
236.25 - 258.74 (247.5)	83	86	113	174	77	123	112	45	40	24	46	74	997
258.75 - 281.24 (270.0)	162	206	243	244	78	104	84	21	52	82	121	189	1586
281.25 - 303.74 (292.5)	170	226	267	158	63	15	10	5	22	72	197	239	1444
303.75 - 326.24 (315.0)	228	270	250	90	34	7	1	3	8	92	172	215	1370
326.25 - 348.74 (337.5)	260	192	172	137	42	13	3	1	17	99	173	177	1286
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.25 N, LONG: 81.00 W, DEPTH: 11 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 30 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	900	.	.	.	.	.	.	.	.	.	900
1.00 - 1.99	467	936	.	.	.	.	.	.	.	.	1403
2.00 - 2.99	.	194	1	.	.	.	.	.	.	.	195
3.00 - 3.99	.	.	7	.	.	.	.	.	.	.	7
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1367	1130	8	0	0	0	0	0	0	0	2505

STATION: 30 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	750	137	.	.	.	.	.	.	.	.	887
1.00 - 1.99	97	1394	118	.	.	.	.	.	.	.	1609
2.00 - 2.99	.	71	210	20	.	.	.	.	.	.	301
3.00 - 3.99	.	.	4	11	.	.	.	.	.	.	15
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	847	1602	332	31	0	0	0	0	0	0	2812

STATION: 30 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	711	2771	11551	5177	1918	579	91	16	9	.	22823
1.00 - 1.99	81	2077	3588	2568	728	161	38	2	.	.	9243
2.00 - 2.99	.	17	550	560	68	27	9	.	.	.	1231
3.00 - 3.99	.	.	3	143	47	23	.	.	.	.	216
4.00 - 4.99	.	.	.	1	8	1	.	.	.	.	10
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	792	4865	15692	8449	2769	791	138	18	9	0	33523

STATION: 30 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	528	2312	3446	306	3	.	.	.	.	.	6595
1.00 - 1.99	72	1177	1051	240	13	.	.	.	.	.	2553
2.00 - 2.99	.	17	206	147	14	.	.	.	.	.	384
3.00 - 3.99	.	.	2	29	4	.	.	.	.	.	35
4.00 - 4.99	.	.	.	1	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	600	3506	4705	723	34	0	0	0	0	0	9568

STATION: 30 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	640	152	.	.	.	.	.	.	.	.	792
1.00 - 1.99	91	799	83	.	.	.	.	.	.	.	973
2.00 - 2.99	.	49	201	1	.	.	.	.	.	.	251
3.00 - 3.99	.	.	7	7	.	.	.	.	.	.	14
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	731	1000	291	8	0	0	0	0	0	0	2030

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.25 N LONG: 81.00 W DEPTH: 11 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 30 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1103	95	.	.	.	.	.	.	.	.	1198
1.00 - 1.99	95	988	.	.	.	.	.	.	.	.	1083
2.00 - 2.99	.	186	10	.	.	.	.	.	.	.	196
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1198	1269	10	0	0	0	0	0	0	0	2477

STATION: 30 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1384	.	.	.	.	.	.	.	.	.	1384
1.00 - 1.99	905	382	.	.	.	.	.	.	.	.	1287
2.00 - 2.99	.	86	.	.	.	.	.	.	.	.	86
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2289	468	0	0	0	0	0	0	0	0	2757

STATION: 30 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	842	.	.	.	.	.	.	.	.	.	842
1.00 - 1.99	729	962	.	.	.	.	.	.	.	.	1691
2.00 - 2.99	.	235	.	.	.	.	.	.	.	.	235
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1571	1197	0	0	0	0	0	0	0	0	2768

STATION: 30 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	6858	5467	14997	5483	1921	579	91	16	9	.	35421
1.00 - 1.99	2537	8715	4840	2808	741	161	38	2	.	.	19842
2.00 - 2.99	.	855	1178	728	82	27	9	.	.	.	2879
3.00 - 3.99	.	.	23	190	51	23	.	.	.	.	287
4.00 - 4.99	.	.	.	2	8	1	.	.	.	.	11
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9395	15037	21038	9211	2803	791	138	18	9	0	58440

STATION: 30

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	253	183	195	251	421	454	456	779	501	323	250	296	4362
2.50 - 4.99	1743	1409	1810	2062	2957	3236	3629	3525	2598	2094	1926	1939	28928
5.00 - 7.49	1086	1074	1263	1381	1084	804	751	537	1022	1067	1130	1029	12228
7.50 - 9.99	1017	966	927	773	414	247	124	119	469	999	838	823	7716
10.00 - 12.49	479	443	412	240	61	33	.	.	148	308	374	448	2946
12.50 - 14.99	316	304	284	73	22	24	.	.	61	165	199	321	1769
15.00 - 17.49	49	74	36	14	1	2	.	.	1	4	44	59	284
17.50 - 19.99	17	55	31	6	.	.	.	.	.	.	29	45	183
20.00 - GREATER		12	2								10		24
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.25 N, LONG: 81.00 W, DEPTH: 11 M

STATION: 30

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	680	554	427	344	323	221	116	209	404	813	737	671	5499
22.50 - 67.49 (45.0)	719	539	424	308	441	454	188	544	1393	1623	906	695	8234
67.50 - 112.49 (90.0)	522	430	489	518	641	663	395	585	1073	804	622	497	7239
112.50 - 157.49 (135.0)	386	371	619	796	839	744	766	707	602	364	443	499	7136
157.50 - 202.49 (180.0)	439	484	641	728	769	804	1011	1006	341	223	338	505	7289
202.50 - 247.49 (225.0)	573	639	738	841	858	1067	1693	1182	394	198	426	511	9120
247.50 - 292.49 (270.0)	771	731	869	813	752	651	688	567	385	382	581	769	7959
292.50 - 337.49 (315.0)	870	772	753	452	337	196	103	160	208	553	747	813	5964
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 30

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.12	1.13	1.05	0.98	1.07	0.88	0.85	0.75	0.97	1.33	1.16	1.06	1.03
1957	1.19	1.24	0.80	1.27	0.72	0.79	0.69	0.77	0.93	1.08	1.28	1.19	0.99
1958	1.36	1.29	0.91	1.09	0.98	0.84	0.85	0.74	0.94	1.22	0.94	1.20	1.03
1959	1.11	1.22	1.33	0.81	0.85	0.72	0.83	0.64	1.04	1.13	1.39	1.35	1.03
1960	0.94	1.32	1.17	0.91	0.82	0.80	0.81	0.61	1.13	0.69	0.93	1.04	0.93
1961	1.19	1.11	0.93	1.01	0.80	0.80	0.77	0.84	0.89	1.17	1.09	0.93	0.96
1962	1.19	0.95	1.24	0.96	0.70	0.76	0.66	0.82	0.87	0.92	1.45	1.18	0.98
1963	1.07	1.35	1.07	0.89	0.89	0.80	0.60	0.57	1.16	1.34	1.23	1.16	1.01
1964	1.13	1.10	1.09	1.01	0.79	0.63	0.89	0.75	1.22	1.41	1.18	1.30	1.04
1965	1.11	1.21	0.99	0.83	0.60	0.73	0.71	0.58	1.16	1.25	0.93	0.93	0.92
1966	1.30	1.41	0.98	0.91	0.99	0.94	0.93	0.70	0.71	1.02	1.28	0.95	1.01
1967	0.99	1.06	1.07	0.95	0.83	0.91	0.77	0.67	1.02	0.86	0.96	0.88	0.91
1968	1.11	0.94	1.06	0.67	0.76	0.86	0.70	0.62	0.69	1.05	0.83	1.03	0.86
1969	1.20	1.19	0.99	1.09	1.31	0.76	0.68	0.98	1.01	1.46	1.14	1.14	1.08
1970	1.28	1.19	1.08	0.92	0.89	0.97	0.83	0.76	0.78	1.46	0.95	0.98	1.01
1971	1.10	1.24	1.07	0.75	0.77	0.68	0.69	0.77	0.91	0.94	1.18	1.68	0.98
1972	1.15	1.14	0.94	0.87	1.19	1.02	0.76	0.66	0.75	1.12	1.00	0.97	0.96
1973	1.11	1.18	1.18	1.04	0.88	0.81	0.65	0.66	0.78	1.00	0.94	1.15	0.95
1974	0.96	0.98	0.90	0.96	0.62	0.51	0.52	0.60	0.88	1.11	0.87	0.96	0.82
1975	1.21	1.08	1.15	0.91	0.64	0.69	0.73	0.65	0.99	0.94	1.17	1.32	0.96
MEAN	1.14	1.17	1.05	0.94	0.86	0.79	0.74	0.71	0.94	1.13	1.10	1.12	

STATION: 30

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	24 634	28 910	26 817	28 719	24 8 8	13 911	16 524	12 521	25 816	331010	3310 8	261011	3310 8
1957	22 624	32 912	20 528	27 913	14 5 0	17 619	12 426	17 6 3	20 9 9	21 8 7	28 9 8	26 632	32 912
1958	32 9 5	29 723	23 812	29 912	22 911	141110	13 911	14 5 0	15 810	34 9 7	24 7 7	26 635	34 9 7
1959	31 916	25 9 8	31 818	17 617	17 619	13 520	11 911	12 522	231010	27 910	3610 8	3110 9	3610 8
1960	21 634	35 916	28 818	20 623	1610 9	18 6 3	19 616	11 435	371112	15 5 3	17 6 5	28 9 5	371112
1961	301011	27 719	27 911	25 813	14 617	20 715	11 911	14 6 9	25 9 5	21 810	23 8 9	24 719	301011
1962	29 9 7	19 621	28 9 9	21 813	11 5 5	12 610	11 426	19 810	24 7 6	25 6 0	3810 8	3610 8	3810 8
1963	25 8 7	4011 8	25 817	17 710	17 7 7	20 7 6	12 426	12 523	3611 9	34 9 7	28 9 9	421210	421210
1964	431210	26 625	29 818	21 814	2512 9	13 432	16 522	22 911	33 9 8	30 9 7	2910 8	30 9 8	431210
1965	27 818	301013	25 817	20 618	9 712	18 616	12 4 1	12 521	3110 9	3010 7	18 620	21 6 1	3110 9
1966	291011	401015	20 531	22 625	18 7 8	28 913	22 812	14 5 1	171010	20 7 7	31 8 5	27 9 8	401015
1967	23 911	27 8 5	28 816	20 712	21 622	16 6 6	11 522	10 421	16 6 5	19 710	21 622	30 816	30 816
1968	27 8 7	24 719	32 916	17 533	17 7 9	331010	16 7 9	15 6 5	15 6 5	26 911	26 630	36 917	36 917
1969	28 9 7	311011	33 913	27 818	23 717	13 611	11 811	18 6 6	24 9 9	3110 8	331210	331013	331013
1970	27 910	34 916	20 613	28 818	16 610	20 623	17 612	15 523	16 6 5	34 8 7	26 635	27 816	34 8 7
1971	25 631	31 915	27 630	25 911	25 815	10 911	12 521	16 912	1911 9	26 9 9	25 9 9	4011 9	4011 9
1972	27 8 7	23 8 6	22 719	25 7 4	24 636	31 914	15 6 6	10 423	16 6 7	22 8 8	23 8 7	20 634	31 914
1973	25 813	26 8 8	27 818	22 716	21 718	20 711	11 910	10 510	23 7 7	20 8 7	25 719	27 818	27 818
1974	19 618	26 720	17 622	21 620	25 715	10 523	9 424	8 711	26 9 7	3711 8	23 812	24 814	3711 8
1975	31 819	2610 9	24 814	22 625	15 518	16 6 9	14 523	9 5 9	28 817	28 817	25 633	31 914	31 914
MAX	431210	401015	33 913	29 912	25 715	331010	22 812	22 911	371112	3711 8	3810 8	421210	

MAX Hmo(m): 4.3 MAX Tp(sec): 12. MAX Dp(deg): 97. DATE(gmt): 64010100

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 340. DATE(gmt): 62112706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.50 N, LONG: 81.00 W, DEPTH: 9 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 31

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	407	439	526	567	442	404	359	517	314	366	527	604	5472
0.50 - 0.99	2010	1749	2225	2465	3221	3580	4129	3964	3122	2324	2169	2031	32989
1.00 - 1.49	1520	1294	1413	1352	1026	685	428	433	929	1348	1282	1292	13002
1.50 - 1.99	766	635	570	323	228	79	41	41	254	628	519	685	4769
2.00 - 2.49	204	305	182	75	43	20	3	5	106	172	211	247	1573
2.50 - 2.99	47	70	41	18	.	25	.	.	56	99	66	69	491
3.00 - 3.49	3	20	3	.	.	7	.	.	15	23	24	23	118
3.50 - 3.99	1	8	.	.	.	.	.	.	4	.	2	8	23
4.00 - 4.49	2	.	.	.	.	.	.	.	.	.	.	1	3
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	.	.	0
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 31

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	351	348	411	423	268	232	194	122	157	265	298	278	3347
4.0 - 4.9	828	862	998	1001	521	403	304	268	323	500	878	807	7693
5.0 - 5.9	662	629	822	508	386	319	157	262	723	453	592	649	6162
6.0 - 6.9	388	324	391	396	662	963	429	1089	801	687	384	286	6800
7.0 - 7.9	582	445	506	728	1186	1252	1604	1676	1014	1083	580	486	11142
8.0 - 8.9	667	525	697	760	1074	930	1374	911	852	836	775	676	10077
9.0 - 9.9	559	536	516	498	491	465	630	411	448	490	475	680	6199
10.0 - 10.9	309	302	202	183	201	156	182	108	296	257	270	393	2859
11.0 - 11.9	275	211	154	126	83	56	49	57	123	191	172	290	1787
12.0 - 12.9	172	146	94	83	46	24	10	44	47	82	143	178	1069
13.0 - 13.9	71	90	90	69	22	.	7	10	13	89	126	110	697
14.0 - 14.9	47	42	40	15	17	.	15	2	2	26	53	79	338
15.0 - 15.9	27	41	17	10	3	.	5	.	.	1	31	29	164
16.0 - 16.9	6	12	11	.	.	.	.	.	1	.	10	12	52
17.0 - 17.9	8	5	10	.	.	.	.	.	.	.	4	5	32
18.0 - 18.9	4	2	1	.	.	.	.	.	.	.	4	2	13
19.0 - 19.9	3	.	.	.	.	.	.	.	.	.	3	.	6
20.0 - LONGER	1	.	.	.	.	.	.	.	.	.	2	.	3
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 31

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	193	147	113	103	46	12	4	8	29	152	166	147	1120
11.25 - 33.74 (22.5)	113	90	65	49	28	5	2	9	60	141	141	104	807
33.75 - 56.24 (45.0)	134	100	93	53	40	30	7	29	187	240	141	106	1160
56.25 - 78.74 (67.5)	187	148	118	44	69	30	30	75	307	356	180	118	1662
78.75 - 101.24 (90.0)	848	729	721	528	613	282	141	188	1225	1616	1225	1084	9200
101.25 - 123.74 (112.5)	1863	1450	1658	1977	2998	3461	4131	4189	2543	1862	1670	1778	29580
123.75 - 146.24 (135.0)	319	412	497	606	474	394	168	159	210	119	246	326	3930
146.25 - 168.74 (157.5)	110	129	206	151	110	68	49	58	44	45	82	140	1192
168.75 - 191.24 (180.0)	118	119	202	168	110	79	58	66	27	20	80	142	1189
191.25 - 213.74 (202.5)	85	96	140	115	63	69	57	49	18	13	65	65	835
213.75 - 236.24 (225.0)	90	127	121	188	99	107	112	57	18	17	65	64	1065
236.25 - 258.74 (247.5)	85	99	113	193	83	121	90	43	30	26	61	72	1016
258.75 - 281.24 (270.0)	188	219	272	279	93	114	102	22	58	78	142	202	1769
281.25 - 303.74 (292.5)	175	251	292	153	65	14	7	5	22	83	223	257	1547
303.75 - 326.24 (315.0)	226	236	214	91	29	7	2	3	6	93	166	197	1270
326.25 - 348.74 (337.5)	226	168	135	102	40	7	.	.	16	99	147	158	1098
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.50 N, LONG: 81.00 W, DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 31 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1143										1143
1.00 - 1.99	652	208									860
2.00 - 2.99		23									23
3.00 - 3.99											0
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1795	231	0	0	0	0	0	0	0	0	2026

STATION: 31 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	864	50									914
1.00 - 1.99	176	1021	77								1274
2.00 - 2.99		38	140								178
3.00 - 3.99			8	1							9
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1040	1109	225	1	0	0	0	0	0	0	2375

STATION: 31 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	810	2332	7553	4264	1795	773	164	35	9		17735
1.00 - 1.99	82	1803	2463	1699	632	197	49	9			6934
2.00 - 2.99		6	418	337	49	49	3	1			863
3.00 - 3.99			4	54	31	8					97
4.00 - 4.99					3						3
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	892	4141	10438	6354	2510	1027	216	45	9	0	25632

STATION: 31 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	651	3315	8274	1686	221	7					14154
1.00 - 1.99	81	1266	1749	683	106	1					3886
2.00 - 2.99		12	221	290	14						537
3.00 - 3.99				24	5						29
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	732	4593	10244	2683	346	8	0	0	0	0	18606

STATION: 31 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	778	143									921
1.00 - 1.99	120	745	145								1010
2.00 - 2.99		24	167	14							205
3.00 - 3.99				6							6
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	898	912	312	20	0	0	0	0	0	0	2142

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.50 N, LONG: 81.00 W, DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 31 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1112	22	.	.	.	.	.	.	.	.	1134
1.00 - 1.99	508	261	.	.	.	.	.	.	.	.	769
2.00 - 2.99	.	36	.	.	.	.	.	.	.	.	36
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1620	319	0	0	0	0	0	0	0	0	1939

STATION: 31 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1625	.	.	.	.	.	.	.	.	.	1625
1.00 - 1.99	949	472	.	.	.	.	.	.	.	.	1421
2.00 - 2.99	.	74	.	.	.	.	.	.	.	.	74
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2574	546	0	0	0	0	0	0	0	0	3120

STATION: 31 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	835	.	.	.	.	.	.	.	.	.	835
1.00 - 1.99	654	963	.	.	.	.	.	.	.	.	1617
2.00 - 2.99	.	148	.	.	.	.	.	.	.	.	148
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1489	1111	0	0	0	0	0	0	0	0	2600

STATION: 31 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	7818	5862	15827	5950	2016	780	164	35	9	.	38461
1.00 - 1.99	3222	6739	4434	2382	738	198	49	9	.	.	17771
2.00 - 2.99	.	361	946	641	63	49	3	1	.	.	2064
3.00 - 3.99	.	.	12	85	36	8	.	.	.	.	141
4.00 - 4.99	.	.	.	.	3	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11040	12962	21219	9058	2856	1035	216	45	9	0	58440

STATION: 31

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	276	202	238	284	456	539	520	869	532	365	316	331	4928
2.50 - 4.99	1800	1441	1838	2088	2981	3210	3602	3469	2622	2118	1950	1976	29095
5.00 - 7.49	1047	1054	1218	1344	1032	759	716	507	1009	1051	1097	989	11823
7.50 - 9.99	978	943	887	734	402	232	121	114	433	964	763	783	7354
10.00 - 12.49	468	434	415	246	64	30	1	1	145	296	392	435	2927
12.50 - 14.99	322	304	291	83	23	28	.	.	57	163	189	339	1799
15.00 - 17.49	49	74	40	13	2	2	.	.	2	3	48	61	294
17.50 - 19.99	19	56	31	8	.	.	.	.	.	.	36	45	195
20.00 - GREATER	1	12	2	.	.	.	.	.	.	.	9	1	25
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.50 N, LONG: 81.00 W, DEPTH: 9 M

STATION: 31

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	696	551	432	341	344	232	122	215	400	823	727	658	5541
22.50 - 67.49 (45.0)	711	548	419	306	447	455	205	572	1404	1622	911	698	8298
67.50 - 112.49 (90.0)	527	425	495	496	614	656	386	574	1042	789	612	492	7108
112.50 - 157.49 (135.0)	375	375	605	789	831	739	739	683	610	369	429	481	7025
157.50 - 202.49 (180.0)	428	463	641	741	768	785	1011	979	342	213	354	500	7225
202.50 - 247.49 (225.0)	578	663	753	851	865	1070	1676	1190	403	196	431	540	9216
247.50 - 292.49 (270.0)	784	734	859	830	765	659	714	586	369	397	593	762	8052
292.50 - 337.49 (315.0)	861	761	756	446	326	204	107	161	230	551	743	829	5975
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 31

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.04	1.05	0.95	0.92	0.99	0.82	0.81	0.72	0.90	1.20	1.05	0.98	0.95
1957	1.09	1.14	0.75	1.20	0.69	0.74	0.67	0.72	0.89	0.96	1.19	1.10	0.93
1958	1.28	1.22	0.85	1.03	0.92	0.79	0.81	0.69	0.88	1.10	0.88	1.09	0.96
1959	1.00	1.13	1.23	0.74	0.81	0.67	0.80	0.60	0.94	1.06	1.24	1.22	0.95
1960	0.88	1.24	1.09	0.84	0.77	0.76	0.76	0.57	1.05	0.63	0.85	0.92	0.86
1961	1.10	1.06	0.88	0.94	0.77	0.75	0.73	0.80	0.81	1.05	0.98	0.87	0.89
1962	1.09	0.87	1.14	0.89	0.64	0.72	0.62	0.77	0.82	0.81	1.28	1.05	0.89
1963	0.95	1.23	1.01	0.83	0.82	0.74	0.57	0.54	1.07	1.20	1.12	1.05	0.93
1964	1.05	1.03	1.04	0.96	0.73	0.60	0.83	0.71	1.11	1.27	1.08	1.17	0.96
1965	1.02	1.14	0.93	0.76	0.57	0.69	0.67	0.55	1.09	1.16	0.84	0.81	0.85
1966	1.20	1.30	0.90	0.85	0.94	0.88	0.89	0.66	0.68	0.92	1.15	0.88	0.94
1967	0.92	0.96	0.98	0.87	0.78	0.85	0.72	0.64	0.92	0.77	0.84	0.81	0.84
1968	1.02	0.88	0.97	0.62	0.72	0.82	0.67	0.60	0.65	0.98	0.80	0.96	0.81
1969	1.09	1.09	0.95	1.03	1.23	0.73	0.65	0.93	0.94	1.34	1.05	1.08	1.01
1970	1.17	1.07	1.01	0.86	0.82	0.92	0.79	0.72	0.73	1.33	0.87	0.91	0.93
1971	1.00	1.15	0.99	0.71	0.74	0.66	0.66	0.74	0.83	0.88	1.07	1.56	0.91
1972	1.03	1.06	0.86	0.79	1.10	0.96	0.71	0.62	0.70	1.03	0.93	0.90	0.89
1973	1.02	1.07	1.11	0.98	0.83	0.78	0.62	0.63	0.73	0.88	0.87	1.08	0.88
1974	0.92	0.91	0.85	0.91	0.58	0.49	0.50	0.57	0.83	0.98	0.79	0.91	0.77
1975	1.12	1.02	1.07	0.84	0.62	0.66	0.69	0.63	0.95	0.88	1.07	1.21	0.90
MEAN	1.05	1.08	0.98	0.88	0.80	0.75	0.71	0.67	0.88	1.02	1.00	1.03	

STATION: 31

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	211410	26 911	25 817	26 719	22 8 9	12 911	13 911	12 912	23 914	311011	30 9 8	241012	311011
1957	21 616	301012	19 528	26 913	11 436	17 619	12 426	16 6 5	19 810	19 7 7	26 9 9	25 632	301012
1958	29 8 4	26 630	22 812	27 912	20 911	131011	12 911	12 712	15 811	32 9 8	22 7 8	22 811	32 9 8
1959	30 916	24 9 9	30 916	16 617	15 619	12 519	11 512	9 416	221010	25 911	33 9 8	281110	33 9 8
1960	20 634	331015	27 818	18 613	151010	16 6 5	17 616	9 421	361112	14 5 3	16 6 7	24 8 6	361112
1961	28 912	26 719	26 912	25 813	13 518	20 716	111112	14 6 9	22 8 7	19 811	21 8 9	22 814	28 912
1962	27 8 6	17 522	26 8 7	21 813	10 5 6	11 516	10 426	18 812	23 7 7	191110	3510 8	321410	3510 8
1963	23 7 7	3611 9	22 818	16 710	16 7 8	19 7 7	12 426	11 426	3410 9	30 9 8	25 631	401210	401210
1964	401210	26 814	28 916	21 814	211210	13 431	15 712	21 912	30 912	27 8 4	27 9 9	27 9 9	401210
1965	25 819	29 914	23 817	19 618	9 713	17 615	10 812	11 421	27 8 8	30 9 7	16 522	18 6 4	30 9 7
1966	281012	371016	20 530	18 525	17 6 6	27 913	21 812	131012	161011	19 7 7	27 7 4	24 8 8	371016
1967	23 630	24 8 6	26 913	19 713	17 619	15 6 7	11 812	9 416	15 6 7	18 711	18 522	27 816	27 816
1968	25 7 5	22 719	29 916	15 533	16 710	321010	16 7 9	15 6 8	16 6 6	25 912	25 630	35 918	35 918
1969	26 8 6	281012	301014	26 818	22 717	12 612	10 812	18 6 7	23 8 8	29 9 9	341211	311013	341211
1970	25 910	311015	19 713	27 818	16 711	17 524	17 613	12 423	14 5 4	31 8 7	21 535	25 817	31 8 7
1971	23 631	30 916	26 629	24 912	24 818	10 912	11 422	15 912	171110	241010	23 910	361110	361110
1972	23 7 5	21 7 7	20 719	22 7 5	23 7 9	291014	14 6 7	9 712	14 5 7	21 8 9	22 8 9	18 6 8	291014
1973	24 813	24 8 8	26 819	21 716	21 817	19 711	10 910	10 4 9	21 7 8	19 7 6	24 817	25 818	26 819
1974	18 618	24 719	14 527	21 718	23 715	10 425	8 910	8 612	25 8 7	32 9 7	23 812	23 811	32 9 7
1975	28 917	241010	24 814	20 631	14 618	15 610	12 423	9 4 9	26 817	26 917	23 633	29 915	29 915
MAX	401210	371016	301014	27 818	24 818	321010	21 812	21 912	361112	32 9 7	3510 8	401210	

MAX Hmo(m): 4.0 MAX Tp(sec): 12. MAX Dp(deg): 104. DATE(gmt): 64010103

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 345. DATE(gmt): 62112706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.75 N, LONG: 80.75 W, DEPTH: 11 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 32

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	416	415	503	558	423	365	341	488	318	377	518	591	5313
0.50 - 0.99	1954	1706	2166	2382	3168	3548	4044	3924	3074	2276	2147	2010	32399
1.00 - 1.49	1419	1223	1349	1313	1038	723	506	480	915	1319	1223	1204	12712
1.50 - 1.99	797	692	617	400	268	106	65	62	280	632	565	711	5195
2.00 - 2.49	295	313	243	114	54	20	4	6	129	202	233	303	1916
2.50 - 2.99	68	127	67	30	9	25	.	.	39	120	69	89	643
3.00 - 3.49	7	31	15	3	.	12	.	.	38	34	38	36	214
3.50 - 3.99	1	11	.	.	.	1	.	.	7	.	7	13	40
4.00 - 4.49	3	2	.	.	.	.	.	.	.	.	.	3	8
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	.	.	0
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 32

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	332	309	385	385	236	220	190	101	146	253	276	275	3108
4.0 - 4.9	789	765	931	899	500	411	339	290	314	495	846	753	7332
5.0 - 5.9	699	783	947	677	516	414	241	329	822	561	678	717	7384
6.0 - 6.9	492	375	449	438	675	941	441	1116	769	723	404	353	7176
7.0 - 7.9	553	443	533	682	1123	1212	1494	1575	1007	1061	587	464	10734
8.0 - 8.9	582	470	613	716	1008	881	1330	891	791	728	695	601	9306
9.0 - 9.9	577	511	495	513	543	474	640	413	462	454	465	651	6198
10.0 - 10.9	305	298	215	184	193	164	197	118	293	263	272	432	2934
11.0 - 11.9	275	217	135	128	81	57	48	55	125	216	184	291	1812
12.0 - 12.9	183	146	96	78	42	23	12	50	56	86	159	180	1111
13.0 - 13.9	81	91	87	69	24	3	8	15	13	92	126	114	723
14.0 - 14.9	41	50	37	19	18	.	15	6	2	27	59	75	349
15.0 - 15.9	34	41	17	12	1	.	5	1	.	1	29	36	177
16.0 - 16.9	3	11	9	.	.	.	.	.	.	.	9	10	42
17.0 - 17.9	3	7	10	.	.	.	.	.	.	.	3	5	28
18.0 - 18.9	6	3	1	.	.	.	.	.	.	.	2	3	15
19.0 - 19.9	2	.	.	.	.	.	.	.	.	.	3	.	5
20.0 - LONGER	3	.	.	.	.	.	.	.	.	.	3	.	6
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 32

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	186	148	120	108	48	11	4	10	21	143	160	164	1123
11.25 - 33.74 (22.5)	136	91	72	48	38	11	2	17	81	167	167	111	941
33.75 - 56.24 (45.0)	235	160	114	70	62	35	9	56	326	416	211	143	1837
56.25 - 78.74 (67.5)	173	187	145	79	94	33	35	75	305	392	195	164	1877
78.75 - 101.24 (90.0)	870	827	786	592	762	367	226	248	1239	1610	1317	1301	10145
101.25 - 123.74 (112.5)	1586	1105	1300	1607	2539	3053	3783	3861	2270	1524	1345	1274	25247
123.75 - 146.24 (135.0)	369	437	561	723	668	573	311	334	278	186	311	396	5147
146.25 - 168.74 (157.5)	146	206	262	216	140	130	64	74	66	72	107	178	1661
168.75 - 191.24 (180.0)	174	161	295	213	132	114	68	86	42	34	126	203	1648
191.25 - 213.74 (202.5)	98	106	145	160	64	77	79	55	15	7	61	71	938
213.75 - 236.24 (225.0)	88	129	132	208	104	116	141	65	19	25	67	76	1170
236.25 - 258.74 (247.5)	84	100	129	174	92	142	125	49	37	25	56	61	1074
258.75 - 281.24 (270.0)	182	204	256	270	91	117	104	22	57	92	147	207	1749
281.25 - 303.74 (292.5)	178	244	290	151	63	8	7	4	27	80	223	272	1547
303.75 - 326.24 (315.0)	231	261	218	84	27	6	2	.	6	98	163	192	1288
326.25 - 348.74 (337.5)	224	154	135	97	36	7	.	4	11	89	144	147	1048
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.75 N, LONG: 80.75 W, DEPTH: 11 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 32 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1115	.	.	.	.	.	.	.	.	.	1115
1.00 - 1.99	652	222	.	.	.	.	.	.	.	.	874
2.00 - 2.99	.	36	.	.	.	.	.	.	.	.	36
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1767	258	0	0	0	0	0	0	0	0	2025

STATION: 32 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	860	192	.	.	.	.	.	.	.	.	1052
1.00 - 1.99	189	1465	99	.	.	.	.	.	.	.	1753
2.00 - 2.99	.	62	420	.	.	.	.	.	.	.	482
3.00 - 3.99	.	.	46	1	.	.	.	.	.	.	47
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1049	1719	565	1	0	0	0	0	0	0	3334

STATION: 32 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	804	2120	6190	3743	1795	793	162	36	11	.	15654
1.00 - 1.99	70	1587	1900	1631	614	201	47	7	.	.	6057
2.00 - 2.99	.	13	297	247	59	39	9	.	.	.	664
3.00 - 3.99	.	.	5	50	42	25	1	.	.	.	123
4.00 - 4.99	.	.	.	.	4	2	.	.	.	.	6
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	874	3720	8392	5671	2514	1060	219	43	11	0	22504

STATION: 32 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	619	3482	8590	2194	235	9	.	.	.	.	15129
1.00 - 1.99	79	1376	1691	893	147	3	.	.	.	.	4189
2.00 - 2.99	.	18	252	275	19	.	.	.	.	.	564
3.00 - 3.99	.	.	2	44	5	.	.	.	.	.	51
4.00 - 4.99	.	.	.	.	2	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	698	4876	10535	3406	408	12	0	0	0	0	19935

STATION: 32 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	710	376	7	.	.	.	.	.	.	.	1093
1.00 - 1.99	109	947	227	.	.	.	.	.	.	.	1283
2.00 - 2.99	.	69	301	28	.	.	.	.	.	.	398
3.00 - 3.99	.	.	6	26	1	.	.	.	.	.	33
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	819	1392	541	54	1	0	0	0	0	0	2807

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.75 N, LONG: 80.75 W, DEPTH: 11 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 32 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1205	47	.	.	.	.	.	.	.	.	1252
1.00 - 1.99	97	712	.	.	.	.	.	.	.	.	809
2.00 - 2.99	.	138	7	.	.	.	.	.	.	.	145
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1302	897	7	0	0	0	0	0	0	0	2206

STATION: 32 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1583	.	.	.	.	.	.	.	.	.	1583
1.00 - 1.99	874	508	.	.	.	.	.	.	.	.	1382
2.00 - 2.99	.	91	.	.	.	.	.	.	.	.	91
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2457	599	0	0	0	0	0	0	0	0	3056

STATION: 32 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	833	1	.	.	.	.	.	.	.	.	834
1.00 - 1.99	641	919	.	.	.	.	.	.	.	.	1560
2.00 - 2.99	.	179	.	.	.	.	.	.	.	.	179
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1474	1099	0	0	0	0	0	0	0	0	2573

STATION: 32 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	7729	6218	14787	5937	2030	802	162	36	11	.	37712
1.00 - 1.99	2711	7736	3917	2524	761	204	47	7	.	.	17907
2.00 - 2.99	.	606	1277	550	78	39	9	.	.	.	2559
3.00 - 3.99	.	.	59	121	48	25	1	.	.	.	254
4.00 - 4.99	.	.	.	.	6	2	.	.	.	.	8
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	10440	14560	20040	9132	2923	1072	219	43	11	0	58440

STATION: 32

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	266	219	234	286	472	515	524	871	544	390	320	332	4973
2.50 - 4.99	1793	1429	1819	2041	2971	3209	3580	3469	2614	2097	1972	1979	28973
5.00 - 7.49	1065	1040	1219	1372	1032	774	723	495	998	1053	1065	984	11820
7.50 - 9.99	963	940	891	737	395	244	130	124	450	964	775	773	7386
10.00 - 12.49	472	432	420	258	60	30	3	1	138	300	384	438	2936
12.50 - 14.99	328	320	301	87	28	27	.	.	54	153	188	347	1833
15.00 - 17.49	49	76	41	12	2	1	.	.	2	3	47	60	293
17.50 - 19.99	23	52	33	7	.	.	.	.	.	.	40	47	202
20.00 - GREATER	1	12	2	.	.	.	.	.	.	.	9	.	24
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 31.75 N, LONG: 80.75 W, DEPTH: 11 M

STATION: 32

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	701	541	431	352	347	224	122	207	389	820	717	658	5509
22.50 - 67.49 (45.0)	726	554	427	318	459	475	218	608	1455	1623	918	694	8475
67.50 - 112.49 (90.0)	513	423	498	485	623	663	392	563	1036	784	608	486	7074
112.50 - 157.49 (135.0)	355	363	570	752	782	709	711	653	571	352	403	457	6678
157.50 - 202.49 (180.0)	417	453	631	737	769	769	962	930	345	220	347	497	7077
202.50 - 247.49 (225.0)	591	665	784	880	911	1104	1742	1219	406	204	445	562	9513
247.50 - 292.49 (270.0)	801	761	870	845	744	668	723	614	383	425	622	800	8256
292.50 - 337.49 (315.0)	856	760	749	431	325	188	90	166	215	532	740	806	5858
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 32

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.08	1.10	1.00	0.98	1.01	0.85	0.83	0.73	0.91	1.24	1.07	1.01	0.98
1957	1.12	1.19	0.77	1.25	0.70	0.77	0.68	0.73	0.92	0.97	1.23	1.14	0.95
1958	1.32	1.28	0.88	1.08	0.94	0.81	0.82	0.72	0.90	1.12	0.88	1.11	0.99
1959	1.03	1.18	1.28	0.76	0.82	0.69	0.84	0.61	0.97	1.10	1.27	1.25	0.98
1960	0.90	1.29	1.15	0.86	0.79	0.80	0.78	0.58	1.07	0.64	0.85	0.93	0.89
1961	1.14	1.10	0.93	1.01	0.79	0.79	0.74	0.82	0.82	1.06	1.01	0.90	0.92
1962	1.12	0.90	1.20	0.93	0.64	0.74	0.64	0.79	0.84	0.83	1.35	1.09	0.92
1963	0.98	1.27	1.05	0.86	0.83	0.76	0.58	0.55	1.11	1.23	1.17	1.09	0.95
1964	1.10	1.07	1.10	1.00	0.76	0.62	0.86	0.75	1.16	1.30	1.12	1.21	1.00
1965	1.07	1.17	0.96	0.79	0.57	0.71	0.69	0.56	1.10	1.19	0.86	0.83	0.87
1966	1.23	1.36	0.92	0.87	0.96	0.89	0.91	0.67	0.71	0.93	1.16	0.90	0.96
1967	0.94	1.01	1.01	0.90	0.83	0.88	0.75	0.65	0.95	0.77	0.85	0.85	0.86
1968	1.05	0.90	1.01	0.62	0.73	0.85	0.68	0.61	0.65	1.00	0.84	1.00	0.83
1969	1.12	1.16	0.99	1.06	1.26	0.74	0.66	0.96	0.96	1.37	1.07	1.13	1.04
1970	1.21	1.10	1.06	0.92	0.83	0.94	0.81	0.74	0.73	1.37	0.89	0.95	0.96
1971	1.06	1.20	1.04	0.73	0.77	0.66	0.68	0.76	0.84	0.92	1.09	1.64	0.95
1972	1.08	1.10	0.89	0.82	1.14	0.98	0.73	0.64	0.70	1.05	0.96	0.91	0.92
1973	1.05	1.11	1.15	1.01	0.87	0.79	0.62	0.63	0.75	0.88	0.90	1.15	0.91
1974	0.96	0.95	0.88	0.95	0.60	0.51	0.50	0.58	0.85	0.97	0.79	0.95	0.79
1975	1.15	1.08	1.14	0.87	0.63	0.67	0.70	0.63	0.98	0.90	1.08	1.22	0.92
MEAN	1.09	1.13	1.02	0.91	0.82	0.77	0.72	0.69	0.90	1.04	1.02	1.06	

STATION: 32

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	23 634	27 910	26 818	31 917	23 7 7	13 911	16 525	13 912	24 915	33 8 6	301310	24 629	33 8 6
1957	24 721	321012	19 528	27 914	12 613	18 619	12 426	17 6 4	20 910	20 7 4	27 7 7	26 631	321012
1958	29 8 4	29 724	23 812	29 912	21 911	141110	12 911	15 5 3	15 429	31 9 8	22 6 5	23 7 5	31 9 8
1959	33 917	26 8 8	321014	17 617	17 522	13 618	13 810	10 522	241010	27 911	33 8 5	30 9 8	33 8 5
1960	21 624	351016	30 917	21 624	1510 9	18 6 5	18 616	9 520	391113	15 6 3	16 6 5	24 7 3	391113
1961	29 912	27 816	27 912	251013	13 533	21 716	121112	15 6 8	23 7 4	19 810	21 814	26 719	29 912
1962	29 817	22 621	2910 9	22 814	10 5 4	12 611	11 425	19 812	24 7 5	201110	37 8 3	391410	391410
1963	24 7 5	3711 8	24 719	17 621	17 7 7	20 7 6	12 426	12 522	351110	31 8 7	26 630	4412 9	4412 9
1964	4313 9	28 722	31 917	24 814	251210	14 810	17 621	23 912	34 8 4	27 9 8	29 8 6	28 8 7	4313 9
1965	27 917	301014	26 817	21 619	9 713	16 717	10 515	11 520	28 8 5	31 8 4	20 621	19 6 4	31 8 4
1966	311012	411114	21 530	22 625	17 6 5	29 914	22 813	13 5 3	161011	20 7 6	28 7 3	25 7 5	411114
1967	23 630	26 8 6	30 818	19 619	21 624	16 6 5	11 521	9 416	16 6 5	17 710	23 623	29 817	30 818
1968	26 7 4	24 627	34 917	16 533	17 6 9	35 9 8	17 6 8	17 6 6	16 6 5	25 912	27 630	36 918	36 918
1969	26 7 3	30 912	33 914	28 917	24 717	13 613	11 812	18 6 6	25 7 5	29 8 7	391211	341013	391211
1970	25 910	341016	20 714	30 917	16 610	20 623	17 613	13 522	14 5 4	331310	21 535	27 916	341016
1971	25 721	32 917	28 629	24 912	26 816	10 912	12 521	16 912	181110	26 7 6	25 7 4	381110	381110
1972	23 7 5	22 7 5	21 817	23 7 4	28 7 8	321014	14 710	9 712	15 520	21 7 6	23 8 8	19 6 8	321014
1973	26 814	25 8 7	28 918	22 716	23 817	19 713	10 910	10 417	24 7 6	20 7 5	26 817	27 917	28 918
1974	19 618	26 816	17 622	23 719	24 817	13 523	8 611	8 612	26 7 5	33 8 4	23 813	24 711	33 8 4
1975	31 917	26 816	27 814	22 624	14 518	16 610	13 522	9 5 9	27 817	28 818	24 633	31 917	31 917
MAX	4313 9	411114	34 917	31 917	28 7 8	35 9 8	22 813	23 912	391113	33 8 4	391211	4412 9	

MAX Hmo(m): 4.4 MAX Tp(sec): 12. MAX Dp(deg): 94. DATE(gmt): 63123118

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 345. DATE(gmt): 62112706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.00 N LONG: 80.50 W DEPTH: 13 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 33

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	469	470	548	604	447	385	351	491	371	498	645	672	5951
0.50 - 0.99	1981	1691	2163	2332	3139	3527	4025	3952	3067	2215	2113	1994	32199
1.00 - 1.49	1352	1156	1265	1279	1056	714	509	430	871	1319	1131	1150	12232
1.50 - 1.99	732	671	599	384	253	109	68	80	266	566	547	655	4930
2.00 - 2.49	316	317	258	150	53	25	7	7	140	222	242	321	2058
2.50 - 2.99	95	149	91	41	10	26	.	.	36	107	93	115	763
3.00 - 3.49	10	50	35	9	2	12	.	.	42	32	24	33	249
3.50 - 3.99	2	13	1	1	.	2	.	.	7	1	4	15	46
4.00 - 4.49	2	3	.	.	.	.	.	.	.	.	1	3	9
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	.	1	1
5.00 - 5.49	1	.	.	.	.	.	.	.	.	.	.	1	2
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 33

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	434	439	464	451	257	223	215	108	166	322	400	414	3893
4.0 - 4.9	880	856	1010	874	537	425	363	304	361	593	947	850	8000
5.0 - 5.9	752	807	1002	768	624	493	345	418	960	737	716	772	8394
6.0 - 6.9	588	472	517	552	747	1075	533	1243	923	907	499	446	8502
7.0 - 7.9	575	426	555	671	1084	1117	1489	1486	924	968	664	553	10512
8.0 - 8.9	547	461	641	686	1023	819	1199	805	732	695	642	552	8802
9.0 - 9.9	522	474	416	454	472	427	571	376	370	365	460	625	5532
10.0 - 10.9	297	258	177	167	150	156	176	102	255	184	212	369	2503
11.0 - 11.9	194	152	93	75	38	46	41	57	86	95	91	221	1189
12.0 - 12.9	111	92	40	44	15	18	9	36	23	37	67	82	574
13.0 - 13.9	35	41	16	41	6	1	3	21	.	46	55	40	305
14.0 - 14.9	9	24	9	11	7	.	11	2	.	11	20	28	132
15.0 - 15.9	10	16	5	6	.	.	5	2	.	.	12	7	63
16.0 - 16.9	.	2	8	.	.	.	.	.	.	.	4	.	14
17.0 - 17.9	.	.	3	.	.	.	.	.	.	.	4	1	8
18.0 - 18.9	3	.	3	.	.	.	.	.	.	.	4	.	10
19.0 - 19.9	3	.	1	.	.	.	.	.	.	.	1	.	5
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	2	.	2
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 33

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	218	188	133	116	53	16	3	15	26	184	180	208	1340
11.25 - 33.74 (22.5)	144	120	79	58	47	10	7	21	97	190	170	136	1079
33.75 - 56.24 (45.0)	220	164	129	74	62	41	12	52	287	345	207	139	1732
56.25 - 78.74 (67.5)	216	214	158	86	99	43	38	93	374	470	250	185	2226
78.75 - 101.24 (90.0)	522	477	464	394	501	289	147	206	986	1183	837	776	6782
101.25 - 123.74 (112.5)	1629	1145	1338	1595	2595	2934	3683	3727	2407	1716	1514	1464	25747
123.75 - 146.24 (135.0)	429	453	591	747	731	676	369	451	320	244	353	429	5793
146.25 - 168.74 (157.5)	150	203	279	252	187	143	73	84	64	79	118	212	1844
168.75 - 191.24 (180.0)	197	205	339	250	137	128	87	93	47	52	150	232	1917
191.25 - 213.74 (202.5)	116	140	184	162	84	83	95	61	23	24	102	102	1176
213.75 - 236.24 (225.0)	129	161	177	265	134	142	187	80	15	28	93	110	1521
236.25 - 258.74 (247.5)	80	104	136	188	98	152	138	44	41	32	65	78	1156
258.75 - 281.24 (270.0)	211	235	278	270	106	114	106	21	62	95	170	216	1884
281.25 - 303.74 (292.5)	200	255	296	151	60	14	9	6	31	79	234	290	1625
303.75 - 326.24 (315.0)	259	270	224	89	38	8	5	1	9	119	188	222	1432
326.25 - 348.74 (337.5)	240	186	155	103	28	7	1	5	11	120	169	161	1186
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.00 N, LONG: 80.50 W, DEPTH: 13 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 33 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1413	.	.	.	.	.	.	.	.	.	1413
1.00 - 1.99	716	284	.	.	.	.	.	.	.	.	1000
2.00 - 2.99	.	36	.	.	.	.	.	.	.	.	36
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2129	320	0	0	0	0	0	0	0	0	2449

STATION: 33 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1157	170	.	.	.	.	.	.	.	.	1327
1.00 - 1.99	185	1421	2	.	.	.	.	.	.	.	1608
2.00 - 2.99	.	280	169	.	.	.	.	.	.	.	449
3.00 - 3.99	.	.	47	.	.	.	.	.	.	.	47
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1342	1871	218	0	0	0	0	0	0	0	3431

STATION: 33 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1008	2620	5540	3265	887	290	70	15	4	.	13699
1.00 - 1.99	65	1994	1419	1102	376	78	5	.	.	.	5039
2.00 - 2.99	.	51	389	149	34	34	2	.	.	.	659
3.00 - 3.99	.	.	38	53	19	3	.	.	.	.	113
4.00 - 4.99	.	.	.	.	5	1	.	.	.	.	6
5.00 - 5.99	.	.	.	.	.	2	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1073	4665	7386	4569	1321	408	77	15	4	0	19518

STATION: 33 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	679	4076	8885	2244	269	21	.	3	3	.	16180
1.00 - 1.99	77	1497	1644	851	137	8	.	.	.	.	4214
2.00 - 2.99	.	27	275	265	24	.	.	.	.	.	591
3.00 - 3.99	.	.	4	46	9	.	.	.	.	.	59
4.00 - 4.99	.	.	.	2	2	.	.	.	.	.	4
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	756	5600	10808	3408	441	29	0	3	3	0	21048

STATION: 33 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	786	482	65	.	.	.	.	.	.	.	1333
1.00 - 1.99	105	922	303	.	.	.	.	.	.	.	1330
2.00 - 2.99	.	63	354	21	.	.	.	.	.	.	438
3.00 - 3.99	.	.	25	37	1	.	.	.	.	.	63
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	891	1467	747	58	1	0	0	0	0	0	3164

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.00 N, LONG: 80.50 W, DEPTH: 13 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 33 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1326	172	.	.	.	.	.	.	.	.	1498
1.00 - 1.99	97	866	5	.	.	.	.	.	.	.	968
2.00 - 2.99	.	173	138	.	.	.	.	.	.	.	311
3.00 - 3.99	.	.	12	.	.	.	.	.	.	.	12
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1423	1211	155	0	0	0	0	0	0	0	2789

STATION: 33 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1739	.	.	.	.	.	.	.	.	.	1739
1.00 - 1.99	906	515	.	.	.	.	.	.	.	.	1421
2.00 - 2.99	.	123	.	.	.	.	.	.	.	.	123
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2645	639	0	0	0	0	0	0	0	0	3284

STATION: 33 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	960	1	.	.	.	.	.	.	.	.	961
1.00 - 1.99	674	908	.	.	.	.	.	.	.	.	1582
2.00 - 2.99	.	214	.	.	.	.	.	.	.	.	214
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1634	1123	0	0	0	0	0	0	0	0	2757

STATION: 33 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	9068	7521	14490	5509	1156	311	70	18	7	.	38150
1.00 - 1.99	2825	8407	3373	1953	513	86	5	.	.	.	17162
2.00 - 2.99	.	967	1325	435	58	34	2	.	.	.	2821
3.00 - 3.99	.	1	126	136	29	3	.	.	.	.	295
4.00 - 4.99	.	.	.	2	7	1	.	.	.	.	10
5.00 - 5.99	.	.	.	.	.	2	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11893	16896	19314	8035	1763	437	77	18	7	0	58440

STATION: 33

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	236	174	202	252	392	447	466	791	488	372	293	276	4389
2.50 - 4.99	1788	1440	1803	2039	3018	3256	3601	3512	2664	2109	1996	1991	29217
5.00 - 7.49	1091	1046	1251	1368	1055	791	751	524	992	1066	1063	1011	12009
7.50 - 9.99	948	941	881	753	402	240	139	132	460	944	777	777	7394
10.00 - 12.49	478	438	434	273	61	39	3	1	137	312	381	440	2997
12.50 - 14.99	344	335	312	94	25	25	.	.	57	156	188	353	1889
15.00 - 17.49	50	78	42	14	6	2	.	.	2	1	47	63	305
17.50 - 19.99	23	55	33	7	1	.	.	.	.	.	45	48	212
20.00 - GREATER	2	13	2	.	.	.	.	.	.	.	10	1	28
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.00 N, LONG: 80.50 W, DEPTH: 13 M

STATION: 33

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	712	551	437	361	355	221	115	219	382	812	714	647	5526
22.50 - 67.49	(45.0)	737	566	437	313	461	503	241	615	1504	1633	915	690	8615
67.50 - 112.49	(90.0)	498	418	493	467	626	630	390	548	991	776	597	477	6911
112.50 - 157.49	(135.0)	343	350	555	742	748	705	685	642	563	351	399	446	6529
157.50 - 202.49	(180.0)	407	456	625	734	776	741	941	898	344	217	352	493	6984
202.50 - 247.49	(225.0)	616	660	787	902	933	1126	1757	1222	424	203	454	585	9669
247.50 - 292.49	(270.0)	807	784	885	850	738	675	737	654	377	435	638	809	8389
292.50 - 337.49	(315.0)	840	735	741	431	323	199	94	162	215	533	731	813	5817
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 33

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.04	1.11	1.00	1.02	0.98	0.83	0.83	0.72	0.90	1.23	1.04	1.01	0.98
1957	1.12	1.16	0.79	1.25	0.71	0.76	0.69	0.73	0.91	0.95	1.20	1.14	0.95
1958	1.32	1.32	0.89	1.07	0.94	0.80	0.81	0.72	0.88	1.06	0.86	1.07	0.98
1959	1.03	1.20	1.28	0.77	0.82	0.70	0.84	0.60	0.96	1.10	1.25	1.24	0.98
1960	0.92	1.30	1.17	0.86	0.77	0.81	0.78	0.58	1.06	0.64	0.82	0.90	0.88
1961	1.14	1.12	0.94	1.05	0.80	0.81	0.73	0.82	0.81	1.02	0.99	0.92	0.93
1962	1.11	0.90	1.17	0.93	0.63	0.74	0.65	0.78	0.82	0.81	1.31	1.05	0.91
1963	0.97	1.27	1.07	0.88	0.82	0.77	0.57	0.55	1.11	1.20	1.16	1.10	0.95
1964	1.11	1.11	1.12	1.01	0.73	0.63	0.86	0.76	1.16	1.29	1.11	1.18	1.01
1965	1.07	1.18	0.98	0.80	0.57	0.72	0.69	0.56	1.08	1.17	0.83	0.81	0.87
1966	1.23	1.38	0.90	0.88	0.96	0.88	0.91	0.66	0.72	0.92	1.10	0.89	0.95
1967	0.93	1.03	1.00	0.90	0.85	0.89	0.76	0.66	0.95	0.75	0.82	0.85	0.86
1968	1.02	0.84	1.01	0.58	0.73	0.85	0.68	0.62	0.63	1.00	0.85	1.02	0.82
1969	1.09	1.11	0.99	1.05	1.25	0.74	0.65	0.96	0.94	1.34	1.01	1.15	1.02
1970	1.22	1.08	1.07	0.92	0.81	0.94	0.80	0.72	0.72	1.33	0.84	0.94	0.95
1971	1.11	1.23	1.07	0.74	0.78	0.65	0.68	0.76	0.81	0.92	1.08	1.63	0.95
1972	1.08	1.13	0.92	0.84	1.15	0.99	0.73	0.65	0.69	1.04	0.97	0.91	0.92
1973	1.04	1.12	1.17	1.02	0.86	0.79	0.62	0.63	0.75	0.85	0.92	1.20	0.91
1974	0.98	0.97	0.90	0.97	0.61	0.53	0.50	0.58	0.85	0.91	0.77	0.96	0.79
1975	1.13	1.09	1.15	0.87	0.63	0.68	0.67	0.63	0.98	0.91	1.04	1.14	0.91
MEAN	1.08	1.13	1.03	0.92	0.82	0.78	0.72	0.68	0.89	1.02	1.00	1.05	

STATION: 33

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	23 634	29 720	30 818	35 918	23 7 8	13 524	17 624	13 912	25 915	351012	301310	26 723	351012
1957	28 723	331013	20 528	28 914	12 613	20 619	13 426	18 6 4	21 910	20 6 6	27 7 8	26 721	331013
1958	28 913	34 823	23 812	31 913	20 912	13 521	14 523	15 6 5	15 429	31 7 6	22 6 6	24 7 7	34 823
1959	361017	28 7 8	341014	18 617	18 623	13 619	14 810	11 523	241011	27 911	31 7 6	32 9 9	361017
1960	25 722	37 919	31 819	23 722	15 5 5	20 6 4	21 914	9 420	391113	16 5 3	16 6 6	22 7 5	391113
1961	30 911	32 819	28 912	281013	13 533	22 716	111112	16 6 8	22 7 5	19 529	22 714	30 721	32 819
1962	31 817	25 721	31 8 8	23 814	10 5 5	12 611	11 912	19 812	25 7 7	18 5 1	34 8 4	36 8 3	36 8 3
1963	24 720	3511 9	27 722	21 624	18 6 6	20 6 5	13 426	13 523	351010	32 7 6	28 630	501310	501310
1964	541310	31 916	33 917	25 814	23 6 3	15 811	20 623	23 813	351010	29 7 7	30 7 6	29 7 7	541310
1965	29 820	32 914	28 817	21 619	9 713	17 616	10 515	11 521	27 7 6	31 7 5	23 721	20 622	32 914
1966	321012	441116	221014	26 723	18 6 5	29 914	21 813	13 5 3	151012	20 6 6	28 7 4	25 7 7	441116
1967	26 722	27 7 5	32 819	20 622	25 722	17 6 6	11 522	9 416	17 6 6	16 610	25 721	30 817	32 819
1968	27 7 5	26 722	371016	15 533	16 6 9	38 9 9	18 6 9	18 6 7	16 6 6	24 812	29 630	38 918	38 918
1969	26 7 5	31 911	34 914	30 918	26 718	13 613	11 812	19 6 6	25 7 7	31 8 8	401311	36 914	401311
1970	26 721	36 917	21 714	33 918	17 714	23 722	18 612	13 712	15 5 4	321310	21 535	28 721	36 917
1971	29 723	35 919	30 629	25 912	27 917	10 912	13 522	16 913	18 6 3	27 7 7	25 7 6	401012	401012
1972	24 819	22 7 6	23 818	22 622	32 9 9	331015	15 6 8	9 4 7	15 520	22 6 6	24 8 9	19 6 8	331015
1973	27 814	30 7 6	31 722	23 624	24 818	19 713	10 910	10 417	25 7 7	20 623	29 819	30 918	31 722
1974	21 624	28 720	20 621	25 817	25 817	13 524	8 612	8 4 4	26 7 6	30 7 5	25 812	26 722	30 7 5
1975	32 919	31 819	28 724	27 723	15 619	16 610	13 522	9 4 8	28 817	31 818	24 634	33 919	33 919
MAX	541310	441116	371016	35 918	32 9 9	38 9 9	21 813	23 813	391113	351012	401311	501310	

MAX Hmo(m): 5.4 MAX Tp(sec): 13. MAX Dp(deg): 101. DATE(gmt): 64010100

MAX WIND SPEED(m/sec): 27. MAX WIND DIRECTION(deg): 350. DATE(gmt): 62112706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.25 N, LONG: 80.25 W, DEPTH: 13 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 34

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	450	436	525	591	452	393	384	507	391	502	643	649	5923
0.50 - 0.99	1998	1699	2151	2314	3121	3506	4000	3940	3083	2215	2102	2017	32146
1.00 - 1.49	1361	1182	1326	1298	1070	726	497	430	842	1335	1164	1180	12411
1.50 - 1.99	754	704	582	398	251	115	73	74	298	587	576	661	5073
2.00 - 2.49	295	299	258	135	52	25	6	9	113	205	205	285	1887
2.50 - 2.99	85	141	78	52	12	27	.	.	40	106	88	118	747
3.00 - 3.49	12	47	37	12	2	7	.	.	28	9	17	36	207
3.50 - 3.99	5	9	3	.	.	1	.	.	5	1	3	10	34
4.00 - 4.49	2	3	.	.	.	.	.	.	.	.	2	2	9
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	.	1	1
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	.	1	1
5.50 - 5.99	1	.	.	.	.	.	.	.	.	.	.	.	1
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 34

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	422	465	475	455	283	268	218	122	183	319	411	429	4050
4.0 - 4.9	973	901	1094	947	588	465	415	361	403	681	1013	924	8765
5.0 - 5.9	854	870	1027	802	701	584	382	471	1107	991	799	831	9419
6.0 - 6.9	530	445	500	538	692	1000	552	1131	816	760	528	395	7887
7.0 - 7.9	502	374	518	643	1076	1080	1482	1525	853	857	597	535	10042
8.0 - 8.9	538	463	601	690	990	786	1139	788	721	669	600	551	8536
9.0 - 9.9	494	476	406	402	432	401	546	353	387	351	441	592	5281
10.0 - 10.9	308	252	176	177	137	163	163	94	232	174	186	360	2422
11.0 - 11.9	180	125	99	62	34	35	38	51	78	76	70	212	1060
12.0 - 12.9	94	75	20	30	14	18	9	42	20	28	57	52	459
13.0 - 13.9	25	27	15	34	5	.	3	16	.	43	42	29	239
14.0 - 14.9	18	30	9	11	7	.	6	4	.	11	24	24	144
15.0 - 15.9	6	14	5	7	1	.	5	2	.	.	10	16	66
16.0 - 16.9	6	2	5	2	.	.	2	.	.	.	10	8	35
17.0 - 17.9	2	1	7	.	.	.	.	.	.	.	4	2	16
18.0 - 18.9	4	.	1	.	.	.	.	.	.	.	4	.	9
19.0 - 19.9	4	.	2	.	.	.	.	.	.	.	2	.	8
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	2	.	2
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 34

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	237	191	151	126	55	24	3	19	29	198	192	228	1453
11.25 - 33.74 (22.5)	183	128	82	58	59	22	2	32	121	217	211	156	1271
33.75 - 56.24 (45.0)	254	219	173	108	90	59	16	82	409	520	279	178	2387
56.25 - 78.74 (67.5)	207	211	169	123	106	51	40	90	342	422	243	215	2219
78.75 - 101.24 (90.0)	517	481	480	381	556	282	169	221	926	1092	855	835	6795
101.25 - 123.74 (112.5)	1392	889	1042	1355	2283	2587	3429	3367	2244	1455	1175	1161	22379
123.75 - 146.24 (135.0)	480	526	677	765	830	863	490	691	394	381	482	432	7011
146.25 - 168.74 (157.5)	183	281	309	327	239	168	87	99	83	106	126	295	2303
168.75 - 191.24 (180.0)	224	209	376	266	148	149	122	115	40	43	174	259	2125
191.25 - 213.74 (202.5)	107	155	206	177	102	112	107	67	24	24	103	90	1274
213.75 - 236.24 (225.0)	115	124	153	227	120	142	189	81	14	25	86	99	1375
236.25 - 258.74 (247.5)	94	123	138	240	121	180	173	55	54	42	82	87	1389
258.75 - 281.24 (270.0)	230	241	300	277	123	123	111	31	62	100	189	237	2024
281.25 - 303.74 (292.5)	207	261	305	152	57	18	14	5	31	87	231	281	1649
303.75 - 326.24 (315.0)	265	265	239	105	41	10	5	2	11	111	212	238	1504
326.25 - 348.74 (337.5)	265	216	160	113	30	10	3	3	16	137	160	169	1282
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.25 N, LONG: 80.25 W, DEPTH: 13 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 34 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1559	.	.	.	.	.	.	.	.	.	1559
1.00 - 1.99	791	272	.	.	.	.	.	.	.	.	1063
2.00 - 2.99	.	39	.	.	.	.	.	.	.	.	39
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2350	311	0	0	0	0	0	0	0	0	2661

STATION: 34 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1278	319	9	26	6	.	.	.	.	.	1638
1.00 - 1.99	187	1982	9	1	.	.	.	.	.	.	2179
2.00 - 2.99	.	400	45	4	.	.	.	.	.	.	449
3.00 - 3.99	.	.	11	.	.	.	.	.	.	.	11
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1465	2701	74	31	6	0	0	0	0	0	4277

STATION: 34 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	996	2431	4208	2204	632	247	99	25	10	.	10852
1.00 - 1.99	57	1747	1224	707	273	54	2	.	.	.	4064
2.00 - 2.99	.	59	247	142	24	31	.	.	.	.	503
3.00 - 3.99	.	.	22	50	6	.	.	.	.	.	78
4.00 - 4.99	.	.	.	1	5	1	.	.	.	.	7
5.00 - 5.99	.	.	.	.	1	1	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1053	4237	5701	3104	941	334	101	25	10	0	15506

STATION: 34 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	722	3971	9816	3090	326	25	.	.	.	.	17950
1.00 - 1.99	67	1512	1628	1069	194	24	.	.	.	.	4494
2.00 - 2.99	.	21	263	265	33	.	.	.	.	.	582
3.00 - 3.99	.	.	4	40	14	.	.	.	.	.	58
4.00 - 4.99	.	.	.	1	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	789	5504	11711	4465	567	49	0	0	0	0	23085

STATION: 34 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	903	600	83	.	.	.	.	.	.	.	1586
1.00 - 1.99	113	1027	345	10	.	.	.	.	.	.	1495
2.00 - 2.99	.	66	434	41	.	.	.	.	.	.	541
3.00 - 3.99	.	.	30	52	3	.	.	.	.	.	85
4.00 - 4.99	.	.	.	.	2	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1016	1693	892	103	5	0	0	0	0	0	3709

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.25 N LONG: 80.25 W DEPTH: 13 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 34 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1321	165	.	.	.	.	.	.	.	.	1486
1.00 - 1.99	125	909	24	.	.	.	.	.	.	.	1058
2.00 - 2.99	.	40	167	.	.	.	.	.	.	.	207
3.00 - 3.99	.	.	9	.	.	.	.	.	.	.	9
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1446	1114	200	0	0	0	0	0	0	0	2760

STATION: 34 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1970	.	.	.	.	.	.	.	.	.	1970
1.00 - 1.99	988	494	.	.	.	.	.	.	.	.	1482
2.00 - 2.99	.	115	.	.	.	.	.	.	.	.	115
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2958	609	0	0	0	0	0	0	0	0	3567

STATION: 34 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1028	.	.	.	.	.	.	.	.	.	1028
1.00 - 1.99	710	939	.	.	.	.	.	.	.	.	1649
2.00 - 2.99	.	198	.	.	.	.	.	.	.	.	198
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1738	1137	0	0	0	0	0	0	0	0	2875

STATION: 34 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	9777	7486	14116	5320	964	272	99	25	10	.	38069
1.00 - 1.99	3038	8882	3230	1787	467	78	2	.	.	.	17484
2.00 - 2.99	.	938	1156	452	57	31	.	.	.	.	2634
3.00 - 3.99	.	.	76	142	23	.	.	.	.	.	241
4.00 - 4.99	.	.	.	2	7	1	.	.	.	.	10
5.00 - 5.99	.	.	.	.	1	1	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	12815	17306	18578	7703	1519	383	101	25	10	0	58440

STATION: 34

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	221	170	194	265	374	440	443	727	467	330	262	246	4139
2.50 - 4.99	1675	1381	1706	1927	2938	3184	3539	3501	2635	2054	1954	1907	28401
5.00 - 7.49	1139	1025	1276	1385	1139	872	827	589	1014	1117	1090	1055	12528
7.50 - 9.99	1042	1037	963	833	415	244	151	142	498	992	843	858	8018
10.00 - 12.49	484	450	440	284	64	37	.	1	141	326	367	435	3029
12.50 - 14.99	324	326	312	88	25	23	.	.	44	141	188	344	1815
15.00 - 17.49	54	68	37	12	5	.	.	.	1	.	51	72	300
17.50 - 19.99	19	53	30	6	.	.	.	.	.	.	33	42	183
20.00 - GREATER	2	10	2	.	.	.	.	.	.	.	12	1	27
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.25 N, LONG: 80.25 W, DEPTH: 13 M

STATION: 34

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	739	564	445	392	359	232	110	232	389	818	720	686	5686
22.50 - 67.49 (45.0)	733	585	462	308	500	521	259	640	1525	1663	918	684	8798
67.50 - 112.49 (90.0)	472	394	468	436	609	598	386	531	979	741	572	449	6635
112.50 - 157.49 (135.0)	348	348	543	681	697	669	627	554	525	333	383	424	6132
157.50 - 202.49 (180.0)	394	437	616	762	781	768	961	875	344	230	365	492	7025
202.50 - 247.49 (225.0)	633	651	787	937	972	1169	1797	1287	426	208	473	593	9933
247.50 - 292.49 (270.0)	781	796	904	846	726	656	723	675	389	452	638	830	8416
292.50 - 337.49 (315.0)	860	745	735	438	316	187	97	166	223	515	731	802	5815
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 34

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.05	1.11	1.01	1.03	0.97	0.84	0.82	0.71	0.88	1.21	1.03	1.01	0.97
1957	1.10	1.15	0.78	1.23	0.71	0.77	0.70	0.73	0.91	0.94	1.18	1.14	0.94
1958	1.30	1.32	0.90	1.08	0.92	0.79	0.80	0.72	0.87	1.07	0.85	1.07	0.97
1959	1.03	1.20	1.27	0.77	0.81	0.70	0.85	0.59	0.97	1.09	1.23	1.21	0.98
1960	0.93	1.30	1.17	0.86	0.78	0.83	0.78	0.59	1.05	0.65	0.82	0.90	0.89
1961	1.13	1.13	0.95	1.07	0.82	0.83	0.73	0.82	0.81	1.01	0.97	0.93	0.93
1962	1.12	0.92	1.17	0.94	0.63	0.75	0.65	0.78	0.81	0.82	1.33	1.06	0.91
1963	0.97	1.26	1.09	0.90	0.82	0.78	0.57	0.55	1.08	1.22	1.14	1.07	0.95
1964	1.12	1.10	1.13	1.01	0.75	0.64	0.85	0.77	1.16	1.27	1.10	1.17	1.01
1965	1.06	1.18	0.96	0.81	0.58	0.72	0.69	0.56	1.05	1.13	0.83	0.80	0.86
1966	1.21	1.37	0.91	0.87	0.95	0.86	0.91	0.66	0.73	0.92	1.09	0.88	0.94
1967	0.92	1.04	0.99	0.91	0.86	0.90	0.78	0.66	0.97	0.74	0.81	0.86	0.87
1968	1.02	0.83	1.01	0.58	0.71	0.83	0.67	0.61	0.60	0.97	0.84	1.03	0.81
1969	1.06	1.11	1.00	1.04	1.23	0.73	0.64	0.96	0.92	1.30	1.01	1.15	1.01
1970	1.20	1.07	1.06	0.93	0.79	0.93	0.80	0.73	0.71	1.30	0.85	0.93	0.94
1971	1.12	1.22	1.09	0.75	0.80	0.64	0.68	0.76	0.82	0.93	1.06	1.60	0.96
1972	1.07	1.12	0.92	0.85	1.15	0.97	0.75	0.65	0.69	1.03	0.96	0.90	0.92
1973	1.06	1.12	1.16	1.01	0.86	0.78	0.61	0.62	0.73	0.85	0.91	1.20	0.91
1974	0.97	0.96	0.90	0.97	0.61	0.53	0.49	0.56	0.83	0.87	0.75	0.95	0.78
1975	1.10	1.09	1.15	0.86	0.62	0.67	0.66	0.62	0.97	0.90	1.00	1.10	0.89
MEAN	1.08	1.13	1.03	0.92	0.82	0.77	0.72	0.68	0.88	1.01	0.99	1.05	

STATION: 34

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	23 633	31 819	29 819	341017	22 6 7	13 524	17 624	13 813	25 916	35 911	281310	29 723	35 911
1957	30 822	331013	20 528	27 914	12 614	21 619	12 426	17 5 3	22 9 9	19 6 4	24 7 8	27 721	331013
1958	27 913	35 920	23 912	30 913	20 912	13 521	14 524	16 5 3	16 5 7	28 9 8	21 6 5	24 6 5	35 920
1959	351017	27 7 7	341016	16 619	19 619	12 519	17 810	11 522	251011	27 911	28 7 6	31 8 8	351017
1960	25 722	391117	31 918	23 722	15 5 5	18 6 5	22 915	9 423	391113	16 5 3	15 812	23 6 3	391113
1961	29 912	33 916	28 913	30 914	15 617	22 716	121112	16 6 8	21 7 4	18 913	21 715	30 819	33 916
1962	30 817	26 721	32 8 8	23 814	10 811	12 611	11 524	19 812	23 6 5	20 5 1	33 7 3	32 7 3	33 7 3
1963	25 721	3210 8	28 819	24 721	18 5 6	18 6 5	12 427	13 523	3110 9	311010	28 630	5012 9	5012 9
1964	551310	34 822	33 918	25 814	251010	16 811	19 721	23 813	34 9 9	28 8 8	28 7 7	27 817	551310
1965	28 722	33 914	26 817	22 718	9 713	14 618	10 516	11 520	25 6 4	30 7 5	22 721	21 719	33 914
1966	311013	441116	231014	26 724	18 6 7	28 914	21 813	13 5 3	15 612	19 6 5	26 6 4	24 6 5	441116
1967	26 722	25 6 4	32 918	21 720	27 724	18 5 5	12 522	9 422	16 5 5	17 524	26 722	31 816	32 918
1968	25 6 5	23 528	361017	15 533	16 6 9	36 8 8	16 6 9	16 5 4	15 5 4	24 812	29 630	391018	391018
1969	26 721	30 912	34 916	30 917	25 718	13 613	11 812	18 5 5	24 6 5	30 8 9	411311	36 914	411311
1970	27 819	36 916	21 720	34 917	17 814	24 723	16 613	13 713	13 5 4	281310	21 534	29 819	36 916
1971	32 821	36 918	31 819	25 912	27 917	10 912	13 621	17 812	1811 9	28 7 7	24 6 3	381112	381112
1972	24 818	21 7 8	23 818	23 721	31 8 9	331015	16 5 7	9 4 7	15 619	21 6 7	22 717	18 6 7	331015
1973	27 818	27 7 7	33 918	25 722	24 818	18 714	10 910	9 612	24 6 6	19 719	30 918	30 918	33 918
1974	22 721	28 817	19 624	25 817	25 816	11 520	8 512	8 4 3	24 6 5	27 6 4	26 722	27 818	28 817
1975	31 918	32 917	31 821	27 723	13 619	15 610	13 522	10 424	26 817	30 818	22 633	321017	321017
MAX	551310	441116	361017	34 917	31 8 9	36 8 8	22 915	23 813	391113	35 911	411311	5012 9	

MAX Hmo(m): 5.5 MAX Tp(sec): 13. MAX Dp(deg): 97. DATE(gmt): 64010100

MAX WIND SPEED(m/sec): 27. MAX WIND DIRECTION(deg): 350. DATE(gmt): 62112706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.50 N LONG: 80.00 W DEPTH: 9 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 35

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	415	405	527	591	449	408	420	541	405	505	688	655	6009
0.50 - 0.99	2050	1705	2111	2307	3159	3477	3941	3891	3137	2317	2093	2033	32221
1.00 - 1.49	1485	1320	1420	1322	1066	768	524	474	865	1472	1257	1255	13228
1.50 - 1.99	698	653	587	407	235	92	69	44	259	428	535	643	4650
2.00 - 2.49	249	270	228	128	41	26	6	10	76	183	167	262	1646
2.50 - 2.99	52	128	68	35	10	24	.	.	38	48	44	83	530
3.00 - 3.49	6	31	19	10	.	5	.	.	15	7	10	18	121
3.50 - 3.99	2	5	.	.	.	.	.	.	2	.	2	9	20
4.00 - 4.49	2	3	.	.	.	.	.	.	3	.	2	2	12
4.50 - 4.99	1	.	.	.	.	.	.	.	.	.	2	.	3
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	.	.	0
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 35

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	463	493	514	458	302	249	240	150	238	371	454	478	4410
4.0 - 4.9	1053	1006	1135	1013	653	531	421	437	669	971	1119	992	10000
5.0 - 5.9	734	699	866	647	605	495	371	330	654	636	630	678	7345
6.0 - 6.9	414	380	453	511	602	868	422	973	713	584	433	358	6711
7.0 - 7.9	456	350	511	621	1057	1135	1467	1633	868	851	551	420	9920
8.0 - 8.9	592	492	648	759	1056	857	1240	824	811	743	657	616	9295
9.0 - 9.9	556	570	484	471	472	433	567	372	454	416	503	660	5958
10.0 - 10.9	361	279	209	180	148	177	173	117	285	204	254	427	2814
11.0 - 11.9	199	138	105	71	44	37	48	61	86	102	88	229	1208
12.0 - 12.9	106	83	27	32	17	17	11	40	22	39	45	64	503
13.0 - 13.9	18	17	8	32	4	1	.	18	.	38	55	21	212
14.0 - 14.9	6	7	.	5	.	.	.	3	.	5	8	12	46
15.0 - 15.9	2	5	.	.	.	.	.	1	.	.	3	4	15
16.0 - 16.9	.	1	.	.	.	.	.	1	.	.	.	1	3
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 35

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	258	220	165	113	53	26	6	26	40	227	207	246	1587
11.25 - 33.74 (22.5)	223	140	104	80	55	18	5	38	155	245	202	167	1432
33.75 - 56.24 (45.0)	198	180	142	102	101	51	20	67	342	408	234	174	2019
56.25 - 78.74 (67.5)	182	197	137	79	83	40	30	68	285	366	216	158	1841
78.75 - 101.24 (90.0)	408	415	357	288	433	204	112	146	752	986	689	674	5464
101.25 - 123.74 (112.5)	1292	762	1011	1207	2179	2181	3069	3067	2302	1487	1141	1204	20902
123.75 - 146.24 (135.0)	646	645	746	924	970	1292	838	1020	506	505	682	479	9253
146.25 - 168.74 (157.5)	251	394	415	382	274	208	96	108	131	136	152	387	2934
168.75 - 191.24 (180.0)	257	266	466	345	180	164	141	135	51	53	218	296	2572
191.25 - 213.74 (202.5)	125	145	210	202	122	126	145	91	29	23	120	104	1442
213.75 - 236.24 (225.0)	101	109	145	230	125	171	185	90	28	33	79	99	1395
236.25 - 258.74 (247.5)	81	117	132	203	136	151	181	58	54	41	70	77	1301
258.75 - 281.24 (270.0)	210	204	250	260	113	115	101	25	63	112	187	226	1866
281.25 - 303.74 (292.5)	201	224	286	147	61	31	20	11	23	78	203	250	1535
303.75 - 326.24 (315.0)	252	257	212	103	39	12	5	5	16	114	231	225	1471
326.25 - 348.74 (337.5)	275	245	182	135	36	10	6	5	23	146	169	194	1426
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.50 N, LONG: 80.00 W, DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 35 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1849	.	.	.	.	.	.	.	.	.	1849
1.00 - 1.99	842	278	.	.	.	.	.	.	.	.	1120
2.00 - 2.99	.	19	.	.	.	.	.	.	.	.	19
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2691	297	0	0	0	0	0	0	0	0	2988

STATION: 35 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1426	96	15	37	31	19	.	.	.	.	1624
1.00 - 1.99	1004	1004	22	6	.	.	.	.	.	.	2036
2.00 - 2.99	.	89	11	23	.	.	.	.	.	.	123
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2430	1189	48	66	31	19	0	0	0	0	3783

STATION: 35 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1023	1611	2642	1741	602	66	12	.	.	.	7697
1.00 - 1.99	132	1374	1084	522	249	60	3	.	.	.	3424
2.00 - 2.99	.	27	148	244	37	40	3	.	.	.	499
3.00 - 3.99	.	.	2	21	4	.	.	.	.	.	27
4.00 - 4.99	.	.	.	.	3	2	.	.	.	.	5
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1155	3012	3876	2528	895	168	18	0	0	0	11652

STATION: 35 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	793	3546	11712	3969	432	39	.	.	.	.	20491
1.00 - 1.99	67	1397	1876	1413	280	30	.	.	.	.	5063
2.00 - 2.99	.	6	267	349	37	.	.	.	.	.	659
3.00 - 3.99	.	.	1	50	12	.	.	.	.	.	63
4.00 - 4.99	.	.	.	.	5	2	.	.	.	.	7
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	860	4949	13856	5781	766	71	0	0	0	0	26283

STATION: 35 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	974	772	183	7	.	.	.	.	.	.	1936
1.00 - 1.99	90	1164	721	128	1	.	.	.	.	.	2104
2.00 - 2.99	.	13	395	224	5	.	.	.	.	.	637
3.00 - 3.99	.	.	3	38	10	.	.	.	.	.	51
4.00 - 4.99	.	.	.	.	3	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1064	1949	1302	397	19	0	0	0	0	0	4731

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.50 N, LONG: 80.00 W, DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 35 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1402	165	.	.	.	.	.	.	.	.	1567
1.00 - 1.99	142	962	53	.	.	.	.	.	.	.	1157
2.00 - 2.99	.	18	80	.	.	.	.	.	.	.	98
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1544	1145	133	0	0	0	0	0	0	0	2822

STATION: 35 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1946	.	.	.	.	.	.	.	.	.	1946
1.00 - 1.99	908	360	.	.	.	.	.	.	.	.	1268
2.00 - 2.99	.	48	.	.	.	.	.	.	.	.	48
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2854	408	0	0	0	0	0	0	0	0	3262

STATION: 35 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1120	.	.	.	.	.	.	.	.	.	1120
1.00 - 1.99	692	1014	.	.	.	.	.	.	.	.	1706
2.00 - 2.99	.	93	.	.	.	.	.	.	.	.	93
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1812	1107	0	0	0	0	0	0	0	0	2919

STATION: 35 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10533	6190	14552	5754	1065	124	12	.	.	.	38230
1.00 - 1.99	3877	7553	3756	2069	530	90	3	.	.	.	17878
2.00 - 2.99	.	313	901	840	79	40	3	.	.	.	2176
3.00 - 3.99	.	.	6	109	26	.	.	.	.	.	141
4.00 - 4.99	.	.	.	.	11	4	.	.	.	.	15
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14410	14056	19215	8772	1711	258	18	0	0	0	58440

STATION: 35

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	213	144	200	269	355	407	434	683	445	293	235	225	3903
2.50 - 4.99	1552	1314	1599	1789	2817	3049	3394	3413	2573	1984	1893	1805	27182
5.00 - 7.49	1171	1024	1283	1396	1210	1008	953	699	1055	1200	1101	1088	13188
7.50 - 9.99	1119	1115	1041	937	483	284	179	164	537	985	905	929	8678
10.00 - 12.49	495	459	459	295	61	36	.	1	150	347	366	438	3107
12.50 - 14.99	330	338	310	96	27	16	.	.	39	149	209	347	1861
15.00 - 17.49	54	71	39	11	7	.	.	.	1	2	40	86	311
17.50 - 19.99	24	47	26	7	.	.	.	.	.	.	39	41	184
20.00 - GREATER	2	8	3	.	.	.	.	.	.	.	12	1	26
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.50 N, LONG: 80.00 W, DEPTH: 9 M

STATION: 35

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	782	598	477	433	402	246	120	262	446	844	731	734	6075
22.50 - 67.49 (45.0)	709	616	478	316	518	542	301	643	1531	1636	925	656	8871
67.50 - 112.49 (90.0)	442	368	444	391	572	563	351	505	907	733	508	463	6247
112.50 - 157.49 (135.0)	348	319	513	634	657	599	562	508	496	310	389	370	5705
157.50 - 202.49 (180.0)	391	395	632	755	784	812	960	884	385	251	360	513	7122
202.50 - 247.49 (225.0)	641	692	791	976	1015	1214	1841	1268	418	226	503	616	10201
247.50 - 292.49 (270.0)	769	772	866	855	692	623	714	699	373	443	632	789	8227
292.50 - 337.49 (315.0)	878	760	759	440	320	201	111	191	244	517	752	819	5992
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 35

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.03	1.10	1.01	1.02	0.95	0.85	0.82	0.73	0.83	1.14	0.99	0.99	0.95
1957	1.08	1.12	0.79	1.22	0.70	0.76	0.70	0.73	0.89	0.89	1.14	1.13	0.93
1958	1.26	1.28	0.91	1.09	0.92	0.79	0.80	0.73	0.86	1.05	0.84	1.04	0.96
1959	1.02	1.18	1.26	0.78	0.80	0.70	0.87	0.58	0.95	1.06	1.19	1.15	0.96
1960	0.94	1.29	1.16	0.86	0.79	0.83	0.80	0.59	1.02	0.65	0.81	0.88	0.88
1961	1.13	1.13	0.97	1.07	0.83	0.85	0.74	0.81	0.78	0.97	0.95	0.92	0.93
1962	1.11	0.92	1.12	0.96	0.63	0.75	0.67	0.78	0.78	0.81	1.27	1.05	0.90
1963	0.94	1.22	1.07	0.91	0.80	0.77	0.58	0.56	1.02	1.17	1.09	1.02	0.93
1964	1.13	1.10	1.11	1.00	0.76	0.65	0.84	0.78	1.14	1.19	1.04	1.12	0.99
1965	1.04	1.17	0.94	0.80	0.59	0.70	0.71	0.57	0.97	1.07	0.81	0.77	0.84
1966	1.18	1.34	0.91	0.85	0.93	0.84	0.90	0.67	0.74	0.88	1.01	0.86	0.92
1967	0.91	1.03	0.95	0.91	0.86	0.88	0.80	0.66	0.95	0.72	0.77	0.86	0.86
1968	0.98	0.78	1.00	0.56	0.69	0.80	0.65	0.58	0.56	0.94	0.82	1.01	0.78
1969	0.98	1.10	0.97	1.02	1.21	0.73	0.64	0.94	0.87	1.20	1.01	1.14	0.98
1970	1.14	1.06	1.05	0.94	0.77	0.92	0.80	0.73	0.69	1.26	0.84	0.92	0.93
1971	1.09	1.19	1.09	0.76	0.81	0.64	0.68	0.76	0.81	0.92	1.00	1.55	0.94
1972	1.03	1.07	0.91	0.83	1.13	0.93	0.75	0.65	0.69	0.95	0.92	0.90	0.90
1973	1.03	1.07	1.14	1.00	0.85	0.78	0.59	0.60	0.70	0.79	0.88	1.14	0.88
1974	0.94	0.95	0.88	0.93	0.60	0.55	0.48	0.54	0.77	0.78	0.72	0.93	0.76
1975	1.09	1.07	1.10	0.85	0.61	0.66	0.64	0.59	0.94	0.86	0.96	1.04	0.87
MEAN	1.05	1.11	1.02	0.92	0.81	0.77	0.72	0.68	0.85	0.97	0.95	1.02	

STATION: 35

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	22 633	28 821	27 821	331017	19 8 9	14 711	15 623	14 913	25 916	331012	261310	27 723	331012
1957	27 821	331014	19 528	27 914	11 519	20 718	12 426	14 4 3	22 9 9	16 6 5	22 623	25 819	331014
1958	28 914	331017	24 913	311013	20 912	131111	15 623	14 7 9	14 5 7	23 9 9	18 6 5	23 7 9	331017
1959	311017	23 9 9	341016	17 524	19 718	12 5 9	19 811	11 522	271012	26 911	2410 9	29 8 9	341016
1960	22 721	361216	291017	21 721	14 428	15 6 6	24 915	10 424	421214	13 4 3	14 812	21 916	421214
1961	28 911	32 918	28 912	30 915	15 533	20 716	121112	15 6 9	191111	17 913	20 815	27 918	32 918
1962	29 816	24 818	311010	23 814	10 811	12 611	12 524	20 812	20 6 8	21 810	2813 9	271410	311010
1963	23 723	2911 9	27 917	22 722	15 5 7	16 912	12 426	15 525	2710 9	301013	26 629	441210	441210
1964	471310	311016	29 918	22 814	271010	16 811	18 720	24 813	321010	271012	25 910	24 917	471310
1965	26 917	33 914	24 817	20 718	9 714	13 617	10 515	9 410	21 6 5	2510 9	19 720	20 719	33 914
1966	331013	411116	261015	23 722	15 517	28 915	20 814	13 4 3	16 712	16 611	24 9 5	22 718	411116
1967	24 721	22 720	291017	19 721	25 819	17 810	12 524	10 520	15 712	17 525	23 819	27 816	291017
1968	241112	22 817	341017	14 533	14 6 9	321010	15 713	13 5 7	12 5 5	23 813	27 917	351017	351017
1969	23 820	27 912	33 915	28 916	21 718	13 614	11 522	15 6 9	20 8 8	28 810	461312	33 914	461312
1970	25 821	35 916	21 812	32 917	18 715	20 722	16 612	13 713	11 4 4	27 913	21 911	28 916	35 916
1971	31 918	31 918	29 918	241013	27 816	10 912	13 621	18 913	1911 9	26 9 9	20 718	391012	391012
1972	22 918	20 6 8	20 721	20 722	28 910	321015	16 712	9 4 6	15 621	17 6 7	21 816	18 716	321015
1973	25 917	24 915	301017	23 817	21 818	17 714	10 910	9 419	20 6 9	18 717	28 820	28 818	301017
1974	20 721	25 817	17 622	24 817	23 817	12 717	7 427	8 612	20 6 5	2411 9	23 812	28 918	28 918
1975	28 918	29 917	28 919	25 819	12 618	14 610	12 621	9 425	24 817	26 817	19 534	301017	301017
MAX	471310	411116	341017	331017	28 910	321015	24 915	24 813	421214	331012	461312	441210	

MAX Hmo(m): 4.7 MAX Tp(sec): 13. MAX Dp(deg): 104. DATE(gmt): 64010100

MAX WIND SPEED(m/sec): 28. MAX WIND DIRECTION(deg): 355. DATE(gmt): 62112706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.75 N, LONG: 79.50 W, DEPTH: 11 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 36

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	333	315	441	509	371	343	377	464	321	409	596	538	5017
0.50 - 0.99	1946	1658	1986	2195	3070	3324	3739	3822	2993	2172	2008	1995	30908
1.00 - 1.49	1542	1302	1437	1397	1159	939	735	593	975	1521	1328	1293	14221
1.50 - 1.99	722	716	679	435	273	129	91	65	331	530	554	685	5210
2.00 - 2.49	311	302	279	192	69	33	15	16	100	213	209	298	2037
2.50 - 2.99	87	165	105	53	17	23	3	.	57	103	81	106	800
3.00 - 3.49	14	49	27	19	1	9	.	.	18	12	14	32	195
3.50 - 3.99	2	10	6	.	.	.	.	.	4	.	6	10	38
4.00 - 4.49	2	3	.	.	.	.	.	.	1	.	2	2	10
4.50 - 4.99	1	.	.	.	.	.	.	.	.	.	2	1	4
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	.	.	0
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 36

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	422	453	475	397	312	243	229	181	235	344	437	485	4213
4.0 - 4.9	1201	1069	1227	1086	761	689	570	559	746	1037	1206	1058	11209
5.0 - 5.9	731	693	926	730	744	678	561	499	729	557	719	732	8299
6.0 - 6.9	482	440	510	602	678	888	565	1095	771	653	447	366	7497
7.0 - 7.9	499	419	534	602	960	1041	1307	1446	860	955	590	551	9764
8.0 - 8.9	525	462	535	630	937	706	1035	672	754	741	585	570	8152
9.0 - 9.9	509	474	405	411	371	345	493	294	400	355	404	586	5047
10.0 - 10.9	312	294	179	185	141	160	137	103	220	150	196	353	2430
11.0 - 11.9	156	112	113	78	25	36	32	52	74	83	98	182	1041
12.0 - 12.9	94	67	39	42	19	14	14	38	10	50	58	44	489
13.0 - 13.9	19	19	12	29	9	.	7	19	1	31	31	22	199
14.0 - 14.9	10	14	.	8	3	.	9	2	.	4	12	5	67
15.0 - 15.9	.	4	2	.	.	.	1	.	.	.	8	6	21
16.0 - 16.9	.	.	1	.	.	.	.	.	.	.	2	.	3
17.0 - 17.9	.	.	1	.	.	.	.	.	.	.	4	.	5
18.0 - 18.9	.	.	1	.	.	.	.	.	.	.	3	.	4
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 36

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	282	244	187	142	66	34	9	33	63	253	230	298	1841
11.25 - 33.74 (22.5)	227	128	119	72	68	36	14	33	169	241	220	179	1506
33.75 - 56.24 (45.0)	209	178	142	101	88	34	21	88	323	359	237	160	1940
56.25 - 78.74 (67.5)	222	255	175	115	115	63	48	108	408	568	330	237	2644
78.75 - 101.24 (90.0)	424	398	395	316	463	232	152	192	784	964	701	564	5585
101.25 - 123.74 (112.5)	1180	685	882	1080	1961	1898	2764	2784	2032	1317	1003	1137	18723
123.75 - 146.24 (135.0)	496	567	635	805	855	1216	746	951	488	428	547	421	8155
146.25 - 168.74 (157.5)	253	351	353	358	298	240	116	138	155	128	144	348	2882
168.75 - 191.24 (180.0)	295	292	486	400	236	250	203	193	65	90	231	320	3061
191.25 - 213.74 (202.5)	159	176	267	270	208	198	261	136	41	37	141	160	2054
213.75 - 236.24 (225.0)	103	148	170	265	157	219	283	141	53	39	100	100	1778
236.25 - 258.74 (247.5)	97	119	142	213	164	183	186	78	59	53	81	91	1466
258.75 - 281.24 (270.0)	220	233	258	260	130	136	114	48	76	111	201	239	2026
281.25 - 303.74 (292.5)	217	236	317	144	61	24	24	20	27	81	218	257	1626
303.75 - 326.24 (315.0)	282	257	230	125	54	12	9	12	21	111	217	247	1577
326.25 - 348.74 (337.5)	294	253	202	134	36	25	10	5	36	180	199	202	1576
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.75 N, LONG: 79.50 W, DEPTH: 11 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 36 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1937	.	.	.	.	.	.	.	.	.	1937
1.00 - 1.99	1095	312	.	.	.	.	.	.	.	.	1407
2.00 - 2.99	.	38	1	.	.	.	.	.	.	.	39
3.00 - 3.99	.	.	1	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3032	350	2	0	0	0	0	0	0	0	3384

STATION: 36 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1242	244	5	.	.	.	.	.	.	.	1491
1.00 - 1.99	1228	605	374	1	.	.	.	.	.	.	2208
2.00 - 2.99	.	17	143	14	.	.	.	.	.	.	174
3.00 - 3.99	.	1	1	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2470	867	523	15	0	0	0	0	0	0	3875

STATION: 36 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	889	2027	2314	1437	547	137	21	9	.	.	7381
1.00 - 1.99	160	1770	1347	308	142	38	3	.	.	.	3765
2.00 - 2.99	.	42	351	241	33	18	.	.	.	.	688
3.00 - 3.99	.	.	4	48	8	1	.	.	.	.	61
4.00 - 4.99	.	.	.	1	3	1	.	.	.	.	5
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1049	3839	4016	2035	733	195	24	9	0	0	11900

STATION: 36 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	790	3389	9876	3333	424	46	.	.	.	.	17858
1.00 - 1.99	75	1501	1669	1256	288	22	.	.	.	.	4811
2.00 - 2.99	.	15	290	308	35	1	.	.	.	.	649
3.00 - 3.99	.	.	2	61	17	.	.	.	.	.	80
4.00 - 4.99	.	.	.	.	4	2	.	.	.	.	6
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	865	4905	11837	4958	768	71	0	0	0	0	23404

STATION: 36 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1152	968	194	18	.	.	.	.	.	.	2332
1.00 - 1.99	128	1458	572	158	4	.	.	.	.	.	2320
2.00 - 2.99	.	42	556	228	8	.	.	.	.	.	834
3.00 - 3.99	.	.	8	61	14	.	.	.	.	.	83
4.00 - 4.99	.	.	.	.	3	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1280	2468	1330	465	29	0	0	0	0	0	5572

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.75 N LONG: 79.50 W DEPTH: 11 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 36 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1536	225	.	.	.	.	.	.	.	.	1761
1.00 - 1.99	168	1432	69	.	.	.	.	.	.	.	1669
2.00 - 2.99	.	64	136	1	.	.	.	.	.	.	201
3.00 - 3.99	.	.	3	3	.	.	.	.	.	.	6
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1704	1721	208	4	0	0	0	0	0	0	3637

STATION: 36 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1976	.	.	.	.	.	.	.	.	.	1976
1.00 - 1.99	1033	366	.	.	.	.	.	.	.	.	1399
2.00 - 2.99	.	113	.	.	.	.	.	.	.	.	113
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3009	479	0	0	0	0	0	0	0	0	3488

STATION: 36 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1189	.	.	.	.	.	.	.	.	.	1189
1.00 - 1.99	824	1028	.	.	.	.	.	.	.	.	1852
2.00 - 2.99	.	139	.	.	.	.	.	.	.	.	139
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2013	1167	0	0	0	0	0	0	0	0	3180

STATION: 36 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10711	6853	12389	4788	971	183	21	9	.	.	35925
1.00 - 1.99	4711	8472	4031	1723	434	60	.	.	.	.	19431
2.00 - 2.99	.	470	1477	792	76	19	3	.	.	.	2837
3.00 - 3.99	.	1	19	173	39	1	.	.	.	.	233
4.00 - 4.99	.	.	.	1	10	3	.	.	.	.	14
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	15422	15796	17916	7477	1530	266	24	9	0	0	58440

STATION: 36

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	166	130	173	236	299	320	360	528	411	242	203	192	3260
2.50 - 4.99	1409	1144	1406	1580	2566	2757	3052	3197	2313	1791	1723	1662	24600
5.00 - 7.49	1196	1062	1320	1454	1358	1226	1221	985	1140	1220	1107	1128	14417
7.50 - 9.99	1197	1170	1160	1054	631	424	321	248	696	1116	1056	1012	10085
10.00 - 12.49	554	520	493	331	63	55	6	2	175	390	393	473	3455
12.50 - 14.99	351	368	330	129	31	18	.	.	63	192	228	365	2075
15.00 - 17.49	56	71	44	12	11	.	.	.	2	9	39	85	329
17.50 - 19.99	28	49	29	4	1	.	.	.	.	.	39	43	193
20.00 - GREATER	3	6	5								12		26
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 32.75 N, LONG: 79.50 W, DEPTH: 11 M

STATION: 36

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	825	627	486	445	400	260	142	286	511	866	727	799	6374
22.50 - 67.49 (45.0)	681	596	473	310	506	487	277	563	1512	1561	924	658	8548
67.50 - 112.49 (90.0)	395	351	456	404	596	552	355	503	852	769	499	433	6165
112.50 - 157.49 (135.0)	333	300	481	588	607	629	543	526	465	290	384	345	5491
157.50 - 202.49 (180.0)	392	395	593	733	783	793	984	873	390	268	347	507	7058
202.50 - 247.49 (225.0)	680	695	830	996	1055	1236	1818	1241	429	236	496	632	10344
247.50 - 292.49 (270.0)	763	774	872	865	685	643	712	760	385	444	657	771	8331
292.50 - 337.49 (315.0)	891	782	769	459	328	200	129	208	256	526	766	815	6129
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 36

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.10	1.15	1.06	1.08	0.97	0.90	0.86	0.73	0.88	1.24	1.07	1.03	1.00
1957	1.14	1.18	0.86	1.24	0.73	0.83	0.74	0.78	0.92	0.94	1.21	1.18	0.98
1958	1.33	1.35	0.97	1.17	0.96	0.85	0.82	0.78	0.93	1.11	0.88	1.10	1.02
1959	1.10	1.27	1.32	0.83	0.84	0.74	0.93	0.62	1.05	1.14	1.26	1.23	1.03
1960	1.01	1.38	1.26	0.94	0.87	0.89	0.85	0.65	1.09	0.72	0.88	0.97	0.96
1961	1.19	1.21	1.04	1.17	0.89	0.92	0.76	0.87	0.83	1.04	1.00	1.01	0.99
1962	1.18	1.01	1.24	1.03	0.67	0.80	0.73	0.82	0.81	0.91	1.39	1.13	0.97
1963	1.02	1.31	1.15	0.99	0.86	0.84	0.62	0.59	1.10	1.29	1.14	1.09	1.00
1964	1.20	1.17	1.17	1.05	0.83	0.71	0.88	0.84	1.22	1.28	1.12	1.16	1.05
1965	1.08	1.22	1.00	0.88	0.63	0.75	0.78	0.62	1.03	1.13	0.86	0.82	0.90
1966	1.23	1.39	0.98	0.90	0.97	0.89	0.94	0.72	0.83	0.94	1.09	0.90	0.98
1967	0.94	1.10	0.99	0.99	0.92	0.97	0.87	0.70	1.05	0.79	0.81	0.92	0.92
1968	1.04	0.82	1.03	0.58	0.71	0.82	0.65	0.59	0.58	0.94	0.83	1.03	0.80
1969	1.02	1.18	1.02	1.04	1.23	0.74	0.66	0.98	0.92	1.26	1.07	1.19	1.03
1970	1.19	1.08	1.11	0.99	0.80	0.95	0.83	0.77	0.72	1.32	0.89	0.96	0.97
1971	1.14	1.24	1.17	0.81	0.85	0.66	0.71	0.78	0.88	0.99	1.05	1.57	0.99
1972	1.07	1.14	0.95	0.92	1.20	0.97	0.82	0.68	0.74	1.01	0.99	0.93	0.95
1973	1.08	1.14	1.20	1.05	0.87	0.80	0.59	0.62	0.72	0.85	0.89	1.19	0.91
1974	0.97	0.98	0.90	0.95	0.62	0.57	0.48	0.55	0.79	0.84	0.73	0.95	0.77
1975	1.09	1.09	1.15	0.86	0.61	0.68	0.66	0.59	0.95	0.88	0.97	1.05	0.88
MEAN	1.11	1.17	1.08	0.97	0.85	0.81	0.76	0.71	0.90	1.03	1.01	1.07	

STATION: 36

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	25 634	31 918	28 918	341117	21 8 8	15 710	16 623	15 813	26 916	331012	29 9 7	27 918	341117
1957	30 920	341013	21 528	27 919	13 618	22 719	13 611	15 7 7	23 8 9	18 7 5	27 818	27 818	341013
1958	281014	36 921	26 912	331013	21 913	151011	16 624	16 6 5	15 7 7	26 9 7	20 7 6	24 6 8	36 921
1959	311018	26 9 9	361116	19 717	21 718	14 6 7	23 810	13 623	281012	28 911	27 9 8	3110 9	361116
1960	28 918	371216	30 917	24 721	17 524	18 7 8	27 916	11 522	401114	15 7 5	16 712	24 721	401114
1961	29 911	35 918	28 913	311016	17 812	20 716	121112	17 6 8	22 8 5	18 913	23 815	29 918	35 918
1962	29 917	27 819	3310 9	23 816	11 4 4	13 610	14 621	21 813	21 6 8	25 8 9	3311 8	3011 7	3311 8
1963	27 820	3210 9	30 918	25 722	18 6 8	18 912	14 524	17 623	3010 9	311010	27 910	4511 9	4511 9
1964	491210	341017	30 918	23 818	301011	18 812	21 819	24 814	34 8 9	291012	2910 9	25 817	491210
1965	27 919	34 914	25 719	23 7 8	9 714	15 617	12 4 2	12 525	25 8 7	30 9 7	20 722	20 718	34 914
1966	341012	431116	281015	25 723	19 616	27 915	20 712	15 7 6	18 712	17 6 9	2910 8	24 717	431116
1967	29 818	24 720	301018	23 820	28 819	18 5 7	16 622	13 522	17 621	21 625	27 820	30 816	30 816
1968	251012	23 817	371017	16 617	14 615	321011	16 712	13 4 7	13 4 5	23 813	28 818	361018	371017
1969	24 820	28 911	351016	28 917	21 721	15 614	12 523	18 5 9	23 8 7	30 7 9	481312	32 918	481312
1970	28 920	361017	22 718	34 917	19 815	23 723	16 612	14 713	12 4 4	29 913	23 910	291017	361017
1971	33 919	35 822	301014	241013	27 916	10 521	15 621	18 913	20 531	2810 9	21 717	381012	381012
1972	23 819	22 6 8	23 817	23 722	29 9 9	321015	20 6 8	11 521	17 621	19 7 7	24 818	19 716	321015
1973	28 917	25 916	32 821	27 723	21 818	16 714	10 910	11 520	22 8 8	21 625	28 723	311016	32 821
1974	22 819	26 819	20 624	24 718	25 817	13 524	7 418	8 420	23 8 5	27 8 5	25 812	32 921	32 921
1975	27 818	32 917	30 820	27 820	12 517	15 610	15 523	10 425	26 9 9	24 718	20 532	341017	341017
MAX	491210	431116	371017	34 917	301011	321015	27 916	24 814	401114	331012	481312	4511 9	

MAX Hmo(m): 4.9 MAX Tp(sec): 12. MAX Dp(deg): 101. DATE(gmt): 64010100

MAX WIND SPEED(m/sec): 29. MAX WIND DIRECTION(deg): 355. DATE(gmt): 62112706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.00 N, LONG: 79.00 W, DEPTH: 20 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 37

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	244	265	382	418	278	252	270	351	239	327	492	426	3944
0.50 - 0.99	1664	1412	1681	1945	2777	2934	3424	3554	2607	1816	1748	1797	27359
1.00 - 1.49	1476	1189	1445	1464	1321	1217	1029	836	1082	1390	1312	1231	14992
1.50 - 1.99	844	826	817	560	401	275	191	160	463	749	676	757	6719
2.00 - 2.49	448	415	335	221	125	65	30	53	212	336	300	402	2942
2.50 - 2.99	190	236	170	124	35	31	10	6	115	183	155	202	1457
3.00 - 3.49	75	107	85	47	18	17	5	.	54	116	65	86	675
3.50 - 3.99	15	48	35	18	5	8	1	.	22	41	29	37	259
4.00 - 4.49	1	19	8	3	.	1	.	.	6	2	16	17	73
4.50 - 4.99	2	3	2	.	.	.	.	.	.	.	6	3	16
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	1	2	3
5.50 - 5.99	1	.	.	.	.	.	.	.	.	.	.	.	1
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 37

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	274	290	367	307	259	192	203	165	177	199	326	324	3083
4.0 - 4.9	1050	957	1137	1046	732	691	714	600	547	715	1021	1024	10234
5.0 - 5.9	1127	1026	1258	1032	1020	988	900	842	1119	1035	1166	983	12496
6.0 - 6.9	710	616	681	734	938	1169	890	1384	1212	1146	700	635	10815
7.0 - 7.9	602	512	544	580	1028	906	1214	1146	831	968	679	636	9646
8.0 - 8.9	406	430	480	558	630	494	626	480	511	499	414	544	6072
9.0 - 9.9	367	357	283	285	244	234	294	201	239	201	288	414	3407
10.0 - 10.9	243	192	114	147	80	87	76	42	122	81	114	257	1555
11.0 - 11.9	95	80	77	55	19	23	18	56	41	61	44	95	664
12.0 - 12.9	59	39	16	27	6	14	7	37	1	40	30	35	311
13.0 - 13.9	20	13	3	28	3	2	12	5	.	15	12	10	123
14.0 - 14.9	7	6	.	1	1	.	5	2	.	.	6	3	31
15.0 - 15.9	.	2	.	.	.	.	1	.	.	.	.	.	3
16.0 - 16.9	.	.	.	.	.	.	.	.	.	.	.	.	0
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 37

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	323	294	232	187	80	69	23	57	116	307	288	366	2342
11.25 - 33.74 (22.5)	295	198	166	111	136	70	33	64	262	346	316	257	2254
33.75 - 56.24 (45.0)	286	213	205	126	95	73	60	134	427	557	394	229	2799
56.25 - 78.74 (67.5)	260	282	240	209	139	108	75	163	498	602	388	276	3240
78.75 - 101.24 (90.0)	351	320	294	281	459	255	172	255	659	773	498	440	4757
101.25 - 123.74 (112.5)	945	556	743	884	1726	1649	2408	2410	1806	1094	832	946	15999
123.75 - 146.24 (135.0)	364	420	448	561	688	1006	542	775	357	323	412	301	6197
146.25 - 168.74 (157.5)	245	270	301	383	323	240	145	190	174	173	164	320	2928
168.75 - 191.24 (180.0)	300	327	477	441	324	352	308	261	104	116	224	377	3611
191.25 - 213.74 (202.5)	197	235	372	301	267	300	398	250	63	61	200	181	2825
213.75 - 236.24 (225.0)	203	242	268	374	255	280	404	184	80	53	130	186	2659
236.25 - 258.74 (247.5)	111	130	151	217	142	189	217	106	54	51	88	105	1561
258.75 - 281.24 (270.0)	202	244	249	270	139	132	110	65	75	102	191	227	2006
281.25 - 303.74 (292.5)	203	224	294	160	72	34	32	19	37	77	218	253	1623
303.75 - 326.24 (315.0)	302	258	284	130	51	16	15	16	29	95	210	238	1644
326.25 - 348.74 (337.5)	373	307	236	165	64	27	18	11	59	230	247	258	1995
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.00 N, LONG: 79.00 W, DEPTH: 20 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 37 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1457	7	.	.	.	.	.	.	.	.	1464
1.00 - 1.99	855	1797	.	.	.	.	.	.	.	.	2652
2.00 - 2.99	.	326	11	.	.	.	.	.	.	.	337
3.00 - 3.99	.	10	14	.	.	.	.	.	.	.	24
4.00 - 4.99	.	.	5	1	.	.	.	.	.	.	6
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2312	2140	30	1	0	0	0	0	0	0	4483

STATION: 37 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1123	437	.	.	.	.	.	.	.	.	1560
1.00 - 1.99	160	2496	60	.	.	.	.	.	.	.	2716
2.00 - 2.99	.	230	740	.	.	.	.	.	.	.	970
3.00 - 3.99	.	.	211	.	.	.	.	.	.	.	211
4.00 - 4.99	.	.	4	11	.	.	.	.	.	.	15
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1283	3163	1015	11	0	0	0	0	0	0	5472

STATION: 37 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	758	2463	2179	934	315	73	3	.	.	.	6725
1.00 - 1.99	81	2694	723	130	73	18	.	.	.	.	3719
2.00 - 2.99	.	38	579	37	.	1	.	.	.	.	655
3.00 - 3.99	.	.	82	119	2	.	.	.	.	.	203
4.00 - 4.99	.	.	3	17	7	.	.	.	.	.	27
5.00 - 5.99	.	.	.	.	3	1	.	.	.	.	4
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	839	5195	3566	1237	400	93	3	0	0	0	11333

STATION: 37 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	702	3577	7084	2145	300	32	.	.	.	.	13840
1.00 - 1.99	84	1662	1465	737	190	23	.	.	.	.	4161
2.00 - 2.99	.	45	366	194	24	2	.	.	.	.	631
3.00 - 3.99	.	.	23	91	13	1	.	.	.	.	128
4.00 - 4.99	.	.	.	1	2	3	.	.	.	.	6
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	786	5284	8938	3168	529	61	0	0	0	0	18766

STATION: 37 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1192	1107	313	61	6	.	.	.	.	.	2679
1.00 - 1.99	163	1783	587	152	10	.	.	.	.	.	2695
2.00 - 2.99	.	106	526	114	18	.	.	.	.	.	764
3.00 - 3.99	.	.	87	145	6	.	.	.	.	.	238
4.00 - 4.99	.	.	.	21	6	.	.	.	.	.	27
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1355	2996	1513	493	46	0	0	0	0	0	6403

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.00 N LONG: 79.00 W DEPTH: 20 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 37 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1486	474	2	.	.	.	.	.	.	.	1962
1.00 - 1.99	281	2002	120	2	.	.	.	.	.	.	2405
2.00 - 2.99	.	136	440	6	.	.	.	.	.	.	582
3.00 - 3.99	.	.	93	36	.	.	.	.	.	.	129
4.00 - 4.99	.	.	.	8	.	.	.	.	.	.	8
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1767	2612	655	52	0	0	0	0	0	0	5086

STATION: 37 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1881	.	.	.	.	.	.	.	.	.	1881
1.00 - 1.99	1014	382	.	.	.	.	.	.	.	.	1396
2.00 - 2.99	.	183	.	.	.	.	.	.	.	.	183
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2895	565	0	0	0	0	0	0	0	0	3460

STATION: 37 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1192	.	.	.	.	.	.	.	.	.	1192
1.00 - 1.99	888	1079	.	.	.	.	.	.	.	.	1967
2.00 - 2.99	.	277	.	.	.	.	.	.	.	.	277
3.00 - 3.99	.	.	1	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2080	1356	1	0	0	0	0	0	0	0	3437

STATION: 37 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	9791	8065	9578	3140	621	105	3	.	.	.	31303
1.00 - 1.99	3526	13895	2955	1021	273	41	.	.	.	.	21711
2.00 - 2.99	.	1341	2662	351	42	3	.	.	.	.	4399
3.00 - 3.99	.	10	511	391	21	1	.	.	.	.	934
4.00 - 4.99	.	.	12	59	15	3	.	.	.	.	89
5.00 - 5.99	.	.	.	.	3	1	.	.	.	.	4
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	13317	23311	15718	4962	975	154	3	0	0	0	58440

STATION: 37

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	159	121	169	226	266	286	343	496	394	251	204	207	3122
2.50 - 4.99	1250	1009	1246	1417	2283	2330	2577	2793	2023	1524	1519	1461	21432
5.00 - 7.49	1151	1029	1268	1414	1450	1412	1497	1213	1193	1222	1126	1134	15109
7.50 - 9.99	1255	1193	1209	1170	803	649	505	428	824	1199	1120	1088	11443
10.00 - 12.49	633	602	576	386	108	88	35	30	244	460	444	537	4143
12.50 - 14.99	412	415	387	166	36	34	3	.	116	269	280	393	2511
15.00 - 17.49	65	87	62	16	9	1	.	.	3	31	51	83	408
17.50 - 19.99	31	57	36	5	5	.	.	.	3	4	46	57	244
20.00 - GREATER	4	7	7								10		28
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.00 N, LONG: 79.00 W, DEPTH: 20 M

STATION: 37

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	823	651	501	454	450	291	149	307	571	887	761	801	6646
22.50 - 67.49	(45.0)	694	600	511	344	500	470	287	552	1487	1573	948	697	8663
67.50 - 112.49	(90.0)	360	332	425	407	565	532	347	471	793	690	479	399	5800
112.50 - 157.49	(135.0)	318	284	435	550	584	630	525	532	451	280	346	320	5255
157.50 - 202.49	(180.0)	393	384	609	711	779	784	976	883	401	280	366	523	7089
202.50 - 247.49	(225.0)	692	729	858	1017	1064	1243	1826	1231	441	266	509	625	10501
247.50 - 292.49	(270.0)	763	766	866	867	701	661	704	774	391	436	663	779	8371
292.50 - 337.49	(315.0)	917	774	755	450	317	189	146	210	265	548	728	816	6115
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 37

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.24	1.28	1.18	1.21	1.04	1.02	0.93	0.78	1.00	1.53	1.22	1.10	1.13
1957	1.29	1.34	0.99	1.32	0.80	0.94	0.82	0.89	1.01	1.16	1.40	1.31	1.10
1958	1.53	1.47	1.10	1.33	1.04	0.94	0.86	0.87	1.06	1.30	0.98	1.32	1.15
1959	1.27	1.49	1.49	0.97	0.93	0.82	1.03	0.68	1.28	1.32	1.51	1.46	1.19
1960	1.17	1.60	1.49	1.06	1.03	1.01	0.95	0.74	1.27	0.86	1.02	1.18	1.11
1961	1.33	1.35	1.20	1.34	1.01	1.07	0.81	0.98	0.97	1.23	1.14	1.17	1.13
1962	1.38	1.19	1.50	1.18	0.76	0.89	0.83	0.91	0.91	1.08	1.71	1.33	1.14
1963	1.22	1.60	1.28	1.09	0.98	0.96	0.68	0.66	1.35	1.59	1.29	1.30	1.16
1964	1.33	1.33	1.31	1.15	0.97	0.82	0.98	0.96	1.44	1.54	1.34	1.31	1.21
1965	1.21	1.37	1.14	1.02	0.69	0.86	0.89	0.69	1.19	1.31	0.97	0.94	1.02
1966	1.38	1.58	1.10	1.00	1.08	1.00	1.05	0.80	0.94	1.12	1.30	1.02	1.11
1967	1.03	1.27	1.10	1.12	1.03	1.13	0.99	0.80	1.31	0.92	0.94	1.04	1.05
1968	1.18	0.91	1.11	0.61	0.74	0.89	0.68	0.62	0.61	1.01	0.88	1.12	0.86
1969	1.17	1.36	1.14	1.12	1.30	0.80	0.71	1.08	1.05	1.49	1.17	1.33	1.14
1970	1.34	1.19	1.23	1.08	0.86	1.01	0.90	0.85	0.79	1.51	0.99	1.06	1.07
1971	1.33	1.38	1.34	0.91	0.95	0.70	0.79	0.86	1.04	1.18	1.21	1.74	1.12
1972	1.22	1.34	1.07	1.08	1.38	1.11	0.95	0.75	0.86	1.22	1.19	1.01	1.10
1973	1.24	1.36	1.32	1.14	0.94	0.85	0.62	0.65	0.79	1.01	0.99	1.34	1.02
1974	1.05	1.07	0.96	1.02	0.67	0.61	0.50	0.56	0.88	1.00	0.80	1.01	0.84
1975	1.17	1.19	1.30	0.92	0.65	0.74	0.73	0.60	1.02	0.99	1.03	1.16	0.96
MEAN	1.25	1.33	1.22	1.08	0.94	0.91	0.83	0.79	1.04	1.22	1.15	1.21	

STATION: 37

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	28 634	37 920	35 919	421019	29 7 5	17 710	17 624	16 814	30 815	39 916	37 8 7	29 724	421019
1957	30 819	391013	22 528	32 919	16 5 0	27 6 2	17 625	23 7 4	28 8 8	26 7 4	36 821	33 819	391013
1958	34 820	43 923	34 912	38 8 5	28 811	17 6 5	19 723	24 7 6	20 7 7	36 8 4	27 7 5	33 9 7	43 923
1959	39 921	36 9 8	431117	24 717	26 818	19 6 6	30 813	19 723	31 8 8	37 910	34 8 6	37 9 9	431117
1960	371020	431118	38 821	32 918	23 6 4	26 7 6	36 817	15 536	391116	22 7 3	22 7 7	35 822	431118
1961	36 913	43 922	341011	38 914	21 718	23 718	14 623	21 7 8	32 8 4	22 7 5	29 716	35 920	43 922
1962	36 918	32 821	40 9 8	28 816	16 6 3	16 510	19 721	27 814	29 7 7	37 8 2	47 9 3	43 9 3	47 9 3
1963	36 921	41 8 7	36 921	29 723	26 7 6	26 7 5	16 524	25 721	3910 8	40 9 9	34 821	5312 9	5312 9
1964	591310	421019	35 919	28 821	38 8 3	21 812	30 821	27 712	4410 9	41 9 9	36 9 9	34 8 6	591310
1965	34 920	37 822	29 7 7	28 8 8	12 518	17 618	22 6 3	14 6 7	33 8 5	39 8 6	26 823	25 723	39 8 6
1966	38 912	481017	311015	35 824	22 617	39 918	24 7 8	21 7 7	20 712	22 6 4	39 8 4	30 8 9	481017
1967	35 822	32 819	34 921	26 716	35 823	23 7 8	19 721	15 621	27 7 4	27 723	33 822	37 918	37 918
1968	33 8 5	30 8 5	451018	18 617	16 615	411010	19 712	19 6 5	16 6 5	27 811	33 818	441019	451018
1969	28 7 4	34 911	431016	33 917	28 821	19 714	14 519	23 7 7	30 7 5	36 8 7	501211	40 919	501211
1970	31 823	431017	34 8 5	40 917	23 718	27 823	19 622	17 612	16 5 2	36 913	27 8 9	361017	431017
1971	40 922	45 923	451014	28 813	32 917	15 522	19 722	20 914	24 7 3	37 9 8	29 7 5	461011	461011
1972	28 7 4	31 820	30 818	30 922	36 8 8	37 823	26 8 8	14 621	21 6 3	26 7 5	30 820	22 718	37 823
1973	34 918	37 8 4	36 824	33 822	24 816	19 611	10 911	16 519	29 7 7	26 724	36 920	38 920	38 920
1974	25 821	31 817	22 624	28 820	29 817	13 817	9 425	9 4 2	33 8 4	36 8 4	29 724	411023	411023
1975	30 821	38 918	38 922	31 724	18 624	17 6 9	19 623	12 521	3410 9	26 718	26 635	411017	411017
MAX	591310	481017	451014	421019	38 8 3	411010	36 817	27 712	4410 9	41 9 9	501211	5312 9	

MAX Hmo(m): 5.9 MAX Tp(sec): 13. MAX Dp(deg): 101. DATE(gmt): 64010100

MAX WIND SPEED(m/sec): 31. MAX WIND DIRECTION(deg): 0. DATE(gmt): 62112706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.25 N LONG: 79.00 W DEPTH: 5 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 38

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	331	342	475	530	410	348	392	513	359	452	610	590	5352
0.50 - 0.99	2127	1778	2124	2366	3184	3383	3783	3757	3088	2307	2198	2128	32223
1.00 - 1.49	1646	1441	1570	1457	1080	900	712	619	900	1474	1349	1384	14532
1.50 - 1.99	633	600	538	317	226	110	54	53	313	484	454	612	4394
2.00 - 2.49	174	247	186	97	44	43	15	16	92	184	119	175	1392
2.50 - 2.99	38	85	56	24	13	16	4	2	33	49	42	56	418
3.00 - 3.49	11	27	11	9	3	.	.	.	15	10	28	15	129
3.50 - 3.99	.	.	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.49	.	.	.	.	.	.	.	.	.	.	.	.	0
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	.	.	0
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 38

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	432	470	497	441	361	293	288	233	258	377	509	525	4684
4.0 - 4.9	1066	1003	1192	1125	729	622	565	459	557	787	1157	985	10247
5.0 - 5.9	624	572	704	468	497	435	312	416	658	635	601	596	6518
6.0 - 6.9	447	389	453	512	713	895	576	1038	944	857	495	358	7677
7.0 - 7.9	506	407	550	594	1054	1125	1392	1567	893	818	552	484	9942
8.0 - 8.9	570	552	636	739	977	811	1071	714	754	718	623	660	8825
9.0 - 9.9	578	578	481	499	432	390	532	311	414	374	431	709	5729
10.0 - 10.9	409	325	238	252	137	175	152	102	228	206	232	401	2857
11.0 - 11.9	212	129	143	83	31	35	36	52	83	101	105	156	1166
12.0 - 12.9	84	68	47	46	20	18	16	45	11	48	58	54	515
13.0 - 13.9	23	17	11	33	9	1	13	18	.	32	26	23	206
14.0 - 14.9	9	10	1	8	.	.	7	5	.	7	10	4	61
15.0 - 15.9	.	.	3	.	.	.	.	.	.	.	.	4	7
16.0 - 16.9	.	.	2	.	.	.	.	.	.	.	.	1	3
17.0 - 17.9	.	.	2	.	.	.	.	.	.	.	.	.	2
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	1	.	1
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 38

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

DIRECTION Dp(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	269	228	175	137	66	34	14	35	90	228	258	283	1817
11.25 - 33.74 (22.5)	204	147	110	91	79	41	23	55	195	272	238	189	1644
33.75 - 56.24 (45.0)	213	196	144	96	86	55	40	119	370	440	268	174	2201
56.25 - 78.74 (67.5)	140	150	141	54	90	47	32	80	284	333	196	139	1686
78.75 - 101.24 (90.0)	317	306	261	263	260	128	70	89	393	610	491	335	3523
101.25 - 123.74 (112.5)	781	533	651	738	1402	1014	1360	1476	1817	1288	852	984	12896
123.75 - 146.24 (135.0)	1152	917	1068	1235	1618	2220	2270	2289	1115	906	958	898	16646
146.25 - 168.74 (157.5)	498	608	680	625	425	330	185	244	208	228	297	588	4916
168.75 - 191.24 (180.0)	241	254	446	437	275	286	308	187	57	89	219	290	3089
191.25 - 213.74 (202.5)	75	64	132	120	134	150	143	106	33	18	79	56	1110
213.75 - 236.24 (225.0)	51	97	98	151	129	145	189	96	36	31	60	65	1148
236.25 - 258.74 (247.5)	82	94	129	203	119	168	180	85	41	34	78	98	1311
258.75 - 281.24 (270.0)	175	210	210	249	134	120	102	62	68	110	178	222	1840
281.25 - 303.74 (292.5)	175	213	284	134	57	32	23	19	31	74	214	233	1489
303.75 - 326.24 (315.0)	283	254	248	123	49	13	8	13	25	110	208	219	1553
326.25 - 348.74 (337.5)	304	249	183	144	37	17	13	5	37	189	206	187	1571
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.25 N, LONG: 79.00 W, DEPTH: 5 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 38 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2009	.	.	.	.	.	.	.	.	.	2009
1.00 - 1.99	1051	251	.	.	.	.	.	.	.	.	1302
2.00 - 2.99	.	4	2	.	.	.	.	.	.	.	6
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3060	255	2	0	0	0	0	0	0	0	3317

STATION: 38 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1450	316	.	.	.	.	.	.	.	.	1766
1.00 - 1.99	168	2070	75	.	.	.	.	.	.	.	2313
2.00 - 2.99	.	2	36	.	.	.	.	.	.	.	38
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1618	2388	111	0	0	0	0	0	0	0	4117

STATION: 38 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	777	1410	490	456	397	115	10	3	.	.	3658
1.00 - 1.99	24	1173	920	63	12	1	.	.	.	.	2193
2.00 - 2.99	.	.	195	288	11	.	.	.	.	.	494
3.00 - 3.99	.	.	.	27	5	2	.	.	.	.	34
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	801	2583	1605	834	425	118	10	3	0	0	6379

STATION: 38 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	729	3674	12496	4689	647	61	.	.	.	.	22296
1.00 - 1.99	35	1510	2588	1876	462	75	.	.	.	.	6546
2.00 - 2.99	.	.	246	504	67	9	.	.	.	.	826
3.00 - 3.99	.	.	.	43	30	3	.	.	.	.	76
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	764	5184	15330	7112	1206	148	0	0	0	0	29744

STATION: 38 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1267	1098	329	45	5	.	.	.	.	.	2744
1.00 - 1.99	127	1266	1247	305	20	1	.	.	.	.	2966
2.00 - 2.99	.	.	143	277	19	.	.	.	.	.	439
3.00 - 3.99	.	.	.	13	6	.	.	.	.	.	19
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1394	2364	1719	640	50	1	0	0	0	0	6168

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.25 N, LONG: 79.00 W, DEPTH: 5 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 38 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1566	.	.	.	.	.	.	.	.	.	1566
1.00 - 1.99	746	52	.	.	.	.	.	.	.	.	798
2.00 - 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2312	52	0	0	0	0	0	0	0	0	2364

STATION: 38 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2113	.	.	.	.	.	.	.	.	.	2113
1.00 - 1.99	807	318	.	.	.	.	.	.	.	.	1125
2.00 - 2.99	.	3	.	.	.	.	.	.	.	.	3
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2920	321	0	0	0	0	0	0	0	0	3241

STATION: 38 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1423	.	.	.	.	.	.	.	.	.	1423
1.00 - 1.99	639	1044	.	.	.	.	.	.	.	.	1683
2.00 - 2.99	.	4	.	.	.	.	.	.	.	.	4
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2062	1048	0	0	0	0	0	0	0	0	3110

STATION: 38 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	11334	6498	13315	5190	1049	176	10	3	.	.	37575
1.00 - 1.99	3597	7684	4830	2244	494	77	.	.	.	.	18926
2.00 - 2.99	.	13	622	1069	97	9	.	.	.	.	1810
3.00 - 3.99	.	.	.	83	41	5	.	.	.	.	129
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14931	14195	18767	8586	1681	267	10	3	0	0	58440

STATION: 38

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	161	107	173	227	276	293	357	511	402	253	197	194	3151
2.50 - 4.99	1297	1088	1305	1466	2382	2516	2743	2943	2116	1612	1604	1533	22605
5.00 - 7.49	1177	1018	1290	1409	1431	1343	1416	1145	1197	1261	1104	1136	14927
7.50 - 9.99	1235	1190	1195	1148	740	544	420	347	778	1145	1113	1069	10924
10.00 - 12.49	609	582	534	383	84	76	23	14	218	424	419	502	3868
12.50 - 14.99	375	395	373	148	32	28	1	.	84	244	258	387	2325
15.00 - 17.49	70	79	50	14	11	.	.	.	4	19	48	78	373
17.50 - 19.99	32	52	33	5	4	.	.	.	1	2	46	61	236
20.00 - GREATER	4	9	7								11		31
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.25 N, LONG: 79.00 W, DEPTH: 5 M

STATION: 38

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	830	656	506	461	437	295	157	300	559	897	748	810	6656
22.50 - 67.49 (45.0)	675	598	478	311	502	473	289	561	1470	1555	916	676	8504
67.50 - 112.49 (90.0)	375	344	430	401	556	518	344	464	809	716	488	407	5852
112.50 - 157.49 (135.0)	337	299	474	565	592	623	521	536	469	286	363	340	5405
157.50 - 202.49 (180.0)	379	384	583	713	783	795	980	873	402	281	354	514	7041
202.50 - 247.49 (225.0)	691	712	847	1030	1063	1260	1820	1232	431	256	520	627	10489
247.50 - 292.49 (270.0)	761	766	873	863	701	633	712	772	387	436	670	785	8359
292.50 - 337.49 (315.0)	912	761	769	456	326	203	137	222	273	533	741	801	6134
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 38

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.98	1.07	0.98	0.99	0.91	0.89	0.84	0.74	0.83	1.21	0.99	0.94	0.95
1957	1.05	1.12	0.83	1.17	0.70	0.79	0.73	0.77	0.87	0.91	1.14	1.08	0.93
1958	1.24	1.15	0.94	1.12	0.94	0.82	0.79	0.79	0.90	1.10	0.85	1.05	0.97
1959	1.03	1.18	1.24	0.81	0.82	0.72	0.95	0.61	1.01	1.05	1.18	1.12	0.98
1960	0.96	1.27	1.18	0.88	0.85	0.88	0.85	0.63	1.04	0.72	0.85	0.92	0.92
1961	1.12	1.14	0.99	1.05	0.90	0.92	0.74	0.86	0.82	0.98	0.92	0.95	0.95
1962	1.12	0.96	1.14	0.99	0.65	0.79	0.73	0.82	0.79	0.88	1.32	1.06	0.94
1963	0.96	1.28	1.04	0.89	0.82	0.82	0.60	0.60	1.05	1.20	1.05	1.00	0.94
1964	1.10	1.07	1.06	0.97	0.82	0.73	0.84	0.82	1.16	1.19	1.04	1.05	0.99
1965	1.00	1.14	0.93	0.82	0.63	0.73	0.77	0.61	0.98	1.05	0.79	0.77	0.85
1966	1.12	1.28	0.91	0.82	0.94	0.88	0.90	0.71	0.80	0.89	0.98	0.85	0.92
1967	0.89	1.02	0.90	0.87	0.86	0.94	0.85	0.70	1.02	0.75	0.73	0.86	0.86
1968	1.00	0.76	0.90	0.55	0.65	0.77	0.61	0.57	0.54	0.88	0.76	0.91	0.74
1969	0.94	1.06	0.94	0.97	1.19	0.73	0.64	0.94	0.88	1.16	1.00	1.09	0.96
1970	1.06	0.98	1.03	0.93	0.74	0.92	0.83	0.78	0.70	1.22	0.86	0.86	0.91
1971	1.03	1.11	1.06	0.77	0.83	0.65	0.70	0.78	0.85	0.98	0.96	1.44	0.93
1972	0.99	1.04	0.88	0.85	1.16	0.90	0.81	0.68	0.73	0.94	0.93	0.88	0.90
1973	1.00	1.07	1.09	0.95	0.81	0.79	0.57	0.60	0.68	0.78	0.79	1.07	0.85
1974	0.89	0.88	0.82	0.84	0.59	0.55	0.47	0.53	0.76	0.77	0.66	0.85	0.72
1975	1.01	1.02	1.03	0.78	0.59	0.66	0.64	0.56	0.89	0.84	0.87	0.95	0.82
MEAN	1.02	1.08	1.00	0.90	0.82	0.79	0.74	0.71	0.86	0.97	0.93	0.98	

STATION: 38

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	20 633	26 916	25 916	321016	21 810	15 712	13 718	16 814	23 916	321015	26 9 9	201114	321015
1957	20 917	321014	16 715	24 915	12 618	23 813	12 611	16 6 3	21 910	18 7 5	26 817	21 815	321014
1958	291014	281016	27 913	321013	21 913	141112	13 912	17 6 3	15 813	25 9 8	19 7 7	27 913	321013
1959	27 917	24 910	311116	18 816	19 817	14 6 7	23 814	12 718	301013	24 912	22 8 8	29 910	311116
1960	24 916	321016	301015	23 917	16 6 5	17 6 3	28 916	11 421	321115	16 6 3	16 6 5	23 916	321115
1961	27 913	30 916	26 913	281015	19 813	17 816	111113	14 613	21 7 4	17 914	20 815	25 917	30 916
1962	251016	22 917	31 9 9	22 915	12 5 4	13 5 9	12 717	25 914	20 8 8	25 9 9	3210 8	2910 8	3210 8
1963	24 917	31 9 9	261017	20 817	17 6 6	19 913	11 427	15 715	30 9 9	271013	25 914	321311	321311
1964	321114	32 913	25 917	19 814	321112	21 813	20 917	23 814	311011	301012	26 910	22 8 8	321112
1965	231017	281015	21 8 9	19 9 9	10 517	13 617	14 6 4	10 5 8	22 8 8	30 9 9	15 818	17 6 3	30 9 9
1966	321014	321216	291015	20 818	16 716	29 916	16 714	15 6 3	18 813	16 5 3	26 9 9	21 810	321216
1967	25 816	23 816	27 917	19 715	24 916	18 811	14 717	11 614	17 717	19 814	21 817	26 915	27 917
1968	261113	20 717	321016	14 717	14 615	261012	14 713	14 6 5	11 5 5	21 815	22 817	311017	321016
1969	19 817	26 913	321015	25 916	19 817	15 714	12 813	16 6 6	21 8 9	26 910	321213	29 914	321213
1970	26 914	321016	26 912	281016	19 716	17 816	15 713	14 714	12 4 1	321013	25 912	251016	321013
1971	26 917	311016	321014	27 914	24 916	11 421	14 717	20 914	181012	28 910	19 812	321212	321212
1972	19 917	21 816	22 817	19 917	27 910	281015	18 812	11 422	15 716	18 7 7	20 917	18 816	281015
1973	25 916	27 9 9	29 916	24 916	19 816	15 612	9 912	12 617	21 8 9	19 717	241017	261016	29 916
1974	18 716	23 816	15 619	20 816	21 816	12 816	7 418	8 4 4	21 7 5	24 9 8	21 913	23 917	24 9 8
1975	221013	26 916	24 917	21 816	12 718	12 610	13 617	10 425	211010	18 817	17 534	291016	291016
MAX	321014	321016	321014	321013	321112	29 916	28 916	25 914	321115	321013	321213	321212	

MAX Hmo(m): 3.2 MAX Tp(sec): 12. MAX Dp(deg): 115. DATE(gmt): 71120409

MAX WIND SPEED(m/sec): 30. MAX WIND DIRECTION(deg): 0. DATE(gmt): 62112706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.50 N LONG: 78.75 W DEPTH: 11 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 39

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	351	335	463	557	383	351	401	518	343	424	609	530	5265
0.50 - 0.99	1901	1564	1907	2074	2993	3252	3629	3675	2928	2109	1964	1963	29959
1.00 - 1.49	1508	1314	1427	1402	1167	940	793	650	929	1450	1295	1231	14106
1.50 - 1.99	775	752	725	504	320	182	114	97	375	614	620	757	5835
2.00 - 2.49	303	334	304	191	66	53	18	17	159	248	204	319	2216
2.50 - 2.99	100	160	98	53	25	15	5	3	47	86	62	115	769
3.00 - 3.49	16	52	30	18	4	7	.	.	15	29	30	33	234
3.50 - 3.99	1	7	6	1	2	.	.	.	4	.	11	10	42
4.00 - 4.49	3	2	.	.	.	.	.	.	.	.	1	1	7
4.50 - 4.99	1	.	.	.	.	.	.	.	.	.	3	1	5
5.00 - 5.49	1	.	.	.	.	.	.	.	.	.	1	.	2
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 39

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	445	454	506	469	352	257	275	207	253	373	492	474	4557
4.0 - 4.9	1176	1062	1293	1159	872	798	804	681	670	870	1232	1094	11711
5.0 - 5.9	998	962	1092	903	866	848	786	720	1046	1078	929	856	11084
6.0 - 6.9	476	415	509	575	633	849	544	1041	796	714	497	419	7468
7.0 - 7.9	400	332	403	443	858	946	1149	1303	753	721	480	395	8183
8.0 - 8.9	409	410	489	533	858	619	858	571	635	595	444	494	6915
9.0 - 9.9	438	423	356	399	363	281	403	258	363	306	358	560	4508
10.0 - 10.9	347	242	178	188	106	143	107	73	202	149	198	401	2334
11.0 - 11.9	146	128	101	73	24	40	19	46	69	76	80	175	977
12.0 - 12.9	94	67	29	35	20	19	9	36	13	49	45	53	469
13.0 - 13.9	21	17	4	21	8	.	3	20	.	28	28	18	168
14.0 - 14.9	10	5	.	2	.	.	1	4	.	1	13	10	46
15.0 - 15.9	.	2	.	.	.	.	2	.	.	.	4	5	13
16.0 - 16.9	.	1	.	.	.	.	.	.	.	.	.	3	4
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	2	2
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	1	1
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 39

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	318	264	203	150	67	32	22	38	87	239	283	329	2032
11.25 - 33.74 (22.5)	220	144	127	98	88	55	26	53	219	281	241	184	1736
33.75 - 56.24 (45.0)	222	194	153	101	90	55	49	131	359	468	268	177	2267
56.25 - 78.74 (67.5)	181	227	173	88	111	72	49	125	395	476	276	196	2369
78.75 - 101.24 (90.0)	377	374	282	285	330	202	102	144	547	691	545	476	4355
101.25 - 123.74 (112.5)	1050	518	771	897	1783	1511	2230	2290	1967	1367	931	1085	16400
123.75 - 146.24 (135.0)	476	564	590	665	851	1300	877	1113	569	469	554	407	8435
146.25 - 168.74 (157.5)	296	349	362	461	348	291	148	212	185	183	196	409	3440
168.75 - 191.24 (180.0)	303	349	521	426	319	315	306	245	108	124	250	330	3596
191.25 - 213.74 (202.5)	163	144	296	256	245	274	299	182	53	45	147	133	2237
213.75 - 236.24 (225.0)	170	226	252	369	225	288	416	200	73	49	129	161	2558
236.25 - 258.74 (247.5)	115	148	171	260	201	204	271	116	60	54	110	146	1856
258.75 - 281.24 (270.0)	233	241	291	301	149	118	116	71	69	111	231	245	2176
281.25 - 303.74 (292.5)	222	225	320	164	67	43	28	17	37	107	214	247	1691
303.75 - 326.24 (315.0)	279	276	240	129	45	15	11	15	33	118	216	235	1612
326.25 - 348.74 (337.5)	335	277	208	150	41	25	10	8	39	178	209	200	1680
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.50 N, LONG: 78.75 W, DEPTH: 11 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 39 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2173	.	.	.	.	.	.	.	.	.	2173
1.00 - 1.99	1180	337	.	.	.	.	.	.	.	.	1517
2.00 - 2.99	.	40	.	.	.	.	.	.	.	.	40
3.00 - 3.99	.	2	.	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3353	379	0	0	0	0	0	0	0	0	3732

STATION: 39 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1507	91	.	.	.	.	.	.	.	.	1598
1.00 - 1.99	289	2227	.	.	.	.	.	.	.	.	2516
2.00 - 2.99	.	308	9	.	.	.	.	.	.	.	317
3.00 - 3.99	.	.	9	.	.	.	.	.	.	.	9
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1796	2626	18	0	0	0	0	0	0	0	4440

STATION: 39 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1031	1665	1716	1085	448	69	11	3	.	.	6028
1.00 - 1.99	76	2092	790	257	157	24	3	.	.	.	3399
2.00 - 2.99	.	162	284	108	29	14	.	.	.	.	597
3.00 - 3.99	.	.	16	43	9	15	3	.	.	.	86
4.00 - 4.99	.	.	.	.	2	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	1	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1107	3919	2806	1493	645	123	17	3	0	0	10113

STATION: 39 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	825	3357	8896	3240	411	50	.	.	.	.	16779
1.00 - 1.99	68	1484	1513	975	250	34	.	.	.	.	4324
2.00 - 2.99	.	17	335	338	37	2	.	.	.	.	729
3.00 - 3.99	.	.	4	72	16	1	.	.	.	.	93
4.00 - 4.99	.	.	.	.	5	3	.	.	.	.	8
5.00 - 5.99	.	.	.	.	.	1	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	893	4858	10748	4625	719	91	0	0	0	0	21934

STATION: 39 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1358	1040	453	109	11	.	.	.	.	.	2971
1.00 - 1.99	128	1484	583	259	20	.	.	.	.	.	2474
2.00 - 2.99	.	58	412	293	27	.	.	.	.	.	790
3.00 - 3.99	.	.	4	58	22	.	.	.	.	.	84
4.00 - 4.99	.	.	.	.	2	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1486	2582	1452	719	82	0	0	0	0	0	6321

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.50 N LONG: 78.75 W DEPTH: 11 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 39 (202.50 - 247.49) 225.0 DEG

Hmo(m)	Tp(sec) 3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2142	174	1	.	.	.	.	.	.	.	2317
1.00 - 1.99	211	1992	39	1	.	.	.	.	.	.	2243
2.00 - 2.99	.	243	32	4	.	.	.	.	.	.	279
3.00 - 3.99	.	.	2	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2353	2409	74	5	0	0	0	0	0	0	4841

STATION: 39 (247.50 - 292.49) 270.0 DEG

Hmo(m)	Tp(sec) 3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2110	.	.	.	.	.	.	.	.	.	2110
1.00 - 1.99	1089	513	.	.	.	.	.	.	.	.	1602
2.00 - 2.99	.	100	.	.	.	.	.	.	.	.	100
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3199	613	0	0	0	0	0	0	0	0	3812

STATION: 39 (292.50 - 337.49) 315.0 DEG

Hmo(m)	Tp(sec) 3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1248	.	.	.	.	.	.	.	.	.	1248
1.00 - 1.99	833	1033	.	.	.	.	.	.	.	.	1866
2.00 - 2.99	.	133	.	.	.	.	.	.	.	.	133
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2081	1166	0	0	0	0	0	0	0	0	3247

STATION: 39 ALL DIRECTIONS

Hmo(m)	Tp(sec) 3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	12394	6327	11066	4434	870	119	11	3	.	.	35224
1.00 - 1.99	3874	11162	2925	1492	427	58	3	.	.	.	19941
2.00 - 2.99	.	1061	1072	743	93	16	.	.	.	.	2985
3.00 - 3.99	.	2	35	173	47	16	3	.	.	.	276
4.00 - 4.99	.	.	.	.	9	3	.	.	.	.	12
5.00 - 5.99	.	.	.	.	.	2	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16268	18552	15098	6842	1446	214	17	3	0	0	58440

STATION: 39

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	144	90	142	227	253	270	346	475	370	226	185	170	2898
2.50 - 4.99	1272	1086	1301	1463	2379	2584	2763	2975	2212	1649	1633	1527	22844
5.00 - 7.49	1213	1063	1325	1401	1474	1358	1436	1182	1211	1293	1089	1131	15176
7.50 - 9.99	1252	1189	1226	1154	728	506	398	322	730	1143	1133	1114	10895
10.00 - 12.49	594	574	512	392	82	64	16	6	208	422	434	502	3806
12.50 - 14.99	376	391	369	148	29	18	1	.	68	216	227	384	2227
15.00 - 17.49	69	75	48	12	13	.	.	.	1	11	42	82	353
17.50 - 19.99	37	46	31	3	2	.	.	.	.	.	48	50	217
20.00 - GREATER	3	6	6	.	.	.	.	.	.	.	9	.	24
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.50 N, LONG: 78.75 W, DEPTH: 11 M

STATION: 39

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	853	638	532	459	420	297	158	288	549	926	764	820	6704
22.50 - 67.49 (45.0)	658	617	481	312	527	482	302	585	1476	1523	881	649	8493
67.50 - 112.49 (90.0)	387	337	422	380	543	512	335	445	796	729	477	401	5764
112.50 - 157.49 (135.0)	311	307	475	542	550	573	490	532	452	282	371	331	5216
157.50 - 202.49 (180.0)	389	368	575	710	806	793	970	851	422	280	339	527	7030
202.50 - 247.49 (225.0)	688	712	846	1042	1083	1318	1878	1245	437	257	554	631	10691
247.50 - 292.49 (270.0)	768	758	863	879	721	615	690	790	378	442	664	781	8349
292.50 - 337.49 (315.0)	906	783	766	476	310	210	137	224	290	521	750	820	6193
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 39

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.14	1.14	1.05	1.09	0.95	0.92	0.87	0.72	0.87	1.31	1.07	1.03	1.01
1957	1.12	1.17	0.91	1.19	0.74	0.87	0.75	0.80	0.93	0.97	1.21	1.22	0.99
1958	1.35	1.33	1.01	1.23	0.97	0.86	0.80	0.81	0.93	1.16	0.88	1.13	1.04
1959	1.11	1.29	1.31	0.89	0.86	0.73	0.98	0.63	1.08	1.15	1.29	1.23	1.04
1960	1.04	1.39	1.31	0.96	0.95	0.93	0.88	0.68	1.10	0.75	0.88	1.00	0.99
1961	1.18	1.24	1.10	1.21	0.93	0.98	0.76	0.91	0.86	1.04	1.00	1.04	1.02
1962	1.21	1.05	1.26	1.07	0.70	0.81	0.76	0.83	0.82	0.93	1.47	1.20	1.01
1963	1.05	1.39	1.15	1.00	0.89	0.86	0.63	0.62	1.11	1.31	1.15	1.09	1.02
1964	1.26	1.18	1.18	1.06	0.89	0.78	0.86	0.86	1.23	1.28	1.15	1.15	1.07
1965	1.10	1.23	1.01	0.91	0.65	0.77	0.81	0.64	1.02	1.13	0.87	0.81	0.91
1966	1.25	1.39	0.99	0.89	0.97	0.89	0.94	0.72	0.86	0.97	1.09	0.93	0.99
1967	0.95	1.14	0.98	1.00	0.95	1.02	0.92	0.72	1.10	0.81	0.80	0.96	0.95
1968	1.06	0.82	1.03	0.57	0.69	0.79	0.62	0.59	0.55	0.93	0.84	1.05	0.80
1969	1.02	1.20	1.03	1.04	1.20	0.74	0.66	0.97	0.91	1.24	1.10	1.22	1.03
1970	1.15	1.11	1.13	1.03	0.81	0.92	0.83	0.80	0.71	1.34	0.92	0.97	0.98
1971	1.16	1.24	1.21	0.84	0.89	0.65	0.74	0.79	0.92	1.05	1.04	1.58	1.01
1972	1.08	1.18	0.98	0.94	1.23	0.97	0.85	0.69	0.75	1.06	1.02	0.96	0.98
1973	1.09	1.15	1.18	1.05	0.86	0.78	0.60	0.61	0.72	0.86	0.89	1.22	0.92
1974	0.97	0.97	0.92	0.94	0.63	0.58	0.47	0.53	0.77	0.81	0.73	0.95	0.77
1975	1.05	1.09	1.14	0.83	0.60	0.68	0.66	0.56	0.94	0.90	0.93	0.99	0.86
MEAN	1.12	1.19	1.09	0.99	0.87	0.83	0.77	0.73	0.91	1.05	1.02	1.09	

STATION: 39

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	24 633	311020	26 918	341018	22 6 8	16 710	16 522	14 814	25 916	341014	26 6 5	24 624	341014
1957	25 819	341014	20 527	261018	15 7 9	25 914	13 611	19 6 5	26 910	20 6 5	28 819	28 819	341014
1958	311014	31 920	27 913	361012	21 812	16 5 7	15 524	17 5 3	15 815	27 6 3	21 6 6	28 913	361012
1959	311019	26 7 8	381117	20 717	23 720	16 5 6	24 813	14 524	301012	29 910	24 624	32 910	381117
1960	27 817	361117	331016	25 917	18 525	18 6 6	28 916	13 522	391116	17 5 4	17 5 6	27 917	391116
1961	28 913	33 919	27 913	32 914	20 813	19 718	14 524	17 6 8	23 6 3	18 913	23 715	26 918	33 919
1962	31 917	27 820	32 8 9	24 916	14 5 7	14 530	15 523	25 914	22 6 7	28 7 4	371310	341410	371310
1963	26 818	32 7 8	28 918	24 624	19 6 7	20 912	15 525	19 719	32 910	281013	26 818	461210	461210
1964	501311	32 913	30 919	24 819	361111	21 812	21 621	23 814	331011	331111	29 910	24 817	501311
1965	291018	33 915	24 718	22 8 9	11 518	15 518	15 5 3	12 5 8	23 6 6	33 910	20 623	21 718	33 910
1966	321014	411117	301015	23 624	19 616	29 917	17 6 8	16 5 3	20 812	18 6 8	28 7 7	24 717	411117
1967	29 819	24 818	29 918	22 623	26 917	21 811	16 523	14 522	19 719	23 624	24 625	31 915	31 915
1968	271013	22 6 3	361017	17 618	14 616	27 810	15 612	15 5 4	13 5 5	22 813	29 818	361019	361019
1969	23 624	28 810	361016	27 917	23 622	15 614	14 523	17 6 9	22 6 7	30 910	501313	31 919	501313
1970	261016	351017	28 912	331017	21 816	21 623	16 713	14 714	12 4 1	321013	271011	301016	351017
1971	31 920	361017	341014	27 914	27 917	10 521	17 521	19 914	231110	31 8 9	21 717	381112	381112
1972	24 819	24 818	24 818	23 623	30 910	301016	19 712	12 5 4	18 718	20 6 7	24 819	19 717	301016
1973	29 918	29 910	321019	27 818	22 818	14 714	10 911	13 519	23 6 7	21 718	301019	311019	321019
1974	21 623	28 919	19 621	24 817	24 818	13 524	8 713	8 4 3	23 6 4	26 6 5	27 812	28 913	28 913
1975	26 818	31 918	28 815	25 623	13 532	14 522	15 521	11 521	25 9 9	23 718	20 623	341017	341017
MAX	501311	411117	381117	361012	361111	301016	28 916	25 914	391116	341014	501313	461210	

MAX Hmo(m): 5.0 MAX Tp(sec): 13. MAX Dp(deg): 126. DATE(gmt): 69110206

MAX WIND SPEED(m/sec): 28. MAX WIND DIRECTION(deg): 10. DATE(gmt): 62112706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.75 N, LONG: 78.50 W, DEPTH: 9 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 40

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	287	285	405	476	318	343	398	534	321	354	471	424	4616
0.50 - 0.99	1942	1562	1899	2123	3076	3284	3616	3679	3012	2224	2116	2045	30578
1.00 - 1.49	1637	1449	1537	1464	1200	972	836	663	1019	1617	1425	1346	15165
1.50 - 1.99	693	713	713	460	272	133	87	65	313	510	530	713	5202
2.00 - 2.49	267	331	272	199	61	44	18	15	87	185	165	267	1911
2.50 - 2.99	110	120	101	57	28	21	5	4	39	53	42	130	710
3.00 - 3.49	17	52	28	21	5	3	.	.	5	17	16	27	191
3.50 - 3.99	1	3	5	.	.	.	.	.	4	.	19	7	39
4.00 - 4.49	5	5	.	.	.	.	.	.	.	.	12	1	23
4.50 - 4.99	1	.	.	.	.	.	.	.	.	.	3	.	4
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	1	.	1
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 40

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	346	386	409	404	302	240	283	243	250	349	383	407	4002
4.0 - 4.9	1212	1058	1279	1157	879	855	757	777	879	1210	1231	1121	12415
5.0 - 5.9	765	676	806	663	755	738	767	587	597	502	690	659	8205
6.0 - 6.9	425	407	546	598	590	788	526	861	620	503	389	368	6621
7.0 - 7.9	382	354	415	468	778	945	1063	1350	798	735	410	364	8062
8.0 - 8.9	395	409	454	509	907	681	948	661	673	653	466	455	7211
9.0 - 9.9	452	417	391	440	433	323	427	277	471	372	386	564	4953
10.0 - 10.9	347	267	235	196	149	152	125	88	248	273	243	460	2783
11.0 - 11.9	264	204	183	153	80	54	26	60	144	194	163	239	1764
12.0 - 12.9	190	133	106	91	40	22	10	32	75	82	196	123	1100
13.0 - 13.9	87	105	86	90	23	2	10	19	29	68	124	103	746
14.0 - 14.9	49	72	23	22	19	.	14	4	2	17	87	71	380
15.0 - 15.9	20	25	8	9	5	.	4	.	5	2	18	18	114
16.0 - 16.9	16	7	15	.	.	.	.	1	9	.	6	8	62
17.0 - 17.9	6	.	4	.	.	.	.	.	.	.	1	.	11
18.0 - 18.9	4	.	.	.	.	.	.	.	.	.	3	.	7
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	4	.	4
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 40

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	296	198	157	132	52	32	19	38	73	191	252	281	1721
11.25 - 33.74 (22.5)	220	124	133	111	71	49	33	54	195	285	228	160	1663
33.75 - 56.24 (45.0)	169	155	119	91	86	48	44	111	301	418	177	172	1891
56.25 - 78.74 (67.5)	131	179	135	78	127	72	47	121	335	361	193	160	1939
78.75 - 101.24 (90.0)	689	689	566	473	499	217	133	126	744	996	944	747	6823
101.25 - 123.74 (112.5)	509	317	388	490	896	622	822	1055	1334	930	646	732	8741
123.75 - 146.24 (135.0)	891	605	794	855	1527	2015	2147	2245	1146	835	718	599	14377
146.25 - 168.74 (157.5)	309	401	406	502	399	389	199	262	221	190	214	424	3916
168.75 - 191.24 (180.0)	412	463	675	577	404	417	364	310	112	160	303	415	4612
191.25 - 213.74 (202.5)	181	176	274	288	259	293	329	189	47	38	150	141	2365
213.75 - 236.24 (225.0)	120	159	180	292	192	283	403	211	73	42	123	143	2221
236.25 - 258.74 (247.5)	88	114	137	222	174	182	255	124	57	58	70	103	1584
258.75 - 281.24 (270.0)	182	210	253	265	129	108	108	73	64	105	195	219	1911
281.25 - 303.74 (292.5)	200	222	315	141	56	37	30	17	29	93	200	242	1582
303.75 - 326.24 (315.0)	255	248	239	127	46	20	13	18	37	115	207	229	1554
326.25 - 348.74 (337.5)	308	260	189	156	43	16	14	6	32	143	180	193	1540
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.75 N, LONG: 78.50 W, DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 40 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1890										1890
1.00 - 1.99	1069	276									1345
2.00 - 2.99		16									16
3.00 - 3.99		1									1
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	2959	293	0	0	0	0	0	0	0	0	3252

STATION: 40 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1433	8									1441
1.00 - 1.99	1628	650	14								2292
2.00 - 2.99		24	1								25
3.00 - 3.99											0
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	3061	682	15	0	0	0	0	0	0	0	3758

STATION: 40 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	983	1043	1039	978	1448	713	141	17	4		6366
1.00 - 1.99	223	1610	891	327	289	217	29				3586
2.00 - 2.99		32	171	182	108	20	5	1			519
3.00 - 3.99			1	7	20	26					54
4.00 - 4.99					2	9					11
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1206	2685	2102	1494	1867	985	175	18	4	0	10536

STATION: 40 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	768	2794	9241	3689	489	59	1				17041
1.00 - 1.99	77	1427	1532	1175	330	61					4602
2.00 - 2.99		9	274	324	44	11					662
3.00 - 3.99				49	15						64
4.00 - 4.99					4	7					11
5.00 - 5.99						1					1
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	845	4230	11047	5237	882	139	1	0	0	0	22381

STATION: 40 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1279	1298	531	133	9						3250
1.00 - 1.99	95	1766	968	348	25						3202
2.00 - 2.99		18	514	451	42	1					1026
3.00 - 3.99			2	71	36	1					110
4.00 - 4.99				2	3						5
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1374	3082	2015	1005	115	2	0	0	0	0	7593

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.75 N, LONG: 78.50 W, DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 40 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1900	283	.	.	.	.	.	.	.	.	2183
1.00 - 1.99	188	1813	1	.	.	.	.	.	.	.	2002
2.00 - 2.99	.	126	92	.	.	.	.	.	.	.	218
3.00 - 3.99	.	.	1	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2088	2222	94	0	0	0	0	0	0	0	4404

STATION: 40 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1953	.	.	.	.	.	.	.	.	.	1953
1.00 - 1.99	978	391	.	.	.	.	.	.	.	.	1369
2.00 - 2.99	.	61	.	.	.	.	.	.	.	.	61
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2931	452	0	0	0	0	0	0	0	0	3383

STATION: 40 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1070	.	.	.	.	.	.	.	.	.	1070
1.00 - 1.99	883	1086	.	.	.	.	.	.	.	.	1969
2.00 - 2.99	.	94	.	.	.	.	.	.	.	.	94
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1953	1180	0	0	0	0	0	0	0	0	3133

STATION: 40 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	11276	5426	10811	4800	1946	772	142	17	4	.	35194
1.00 - 1.99	5141	9019	3406	1850	644	278	29	.	.	.	20367
2.00 - 2.99	.	380	1052	957	194	32	5	1	.	.	2621
3.00 - 3.99	.	1	4	127	71	27	.	.	.	.	230
4.00 - 4.99	.	.	.	2	9	16	.	.	.	.	27
5.00 - 5.99	.	.	.	.	.	1	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16417	14826	15273	7736	2864	1126	176	18	4	0	58440

STATION: 40

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	137	89	127	196	220	236	310	449	345	198	166	145	2618
2.50 - 4.99	1214	1048	1224	1439	2306	2588	2715	2945	2227	1635	1583	1502	22426
5.00 - 7.49	1225	1070	1367	1413	1555	1388	1495	1236	1236	1347	1129	1137	15598
7.50 - 9.99	1306	1209	1268	1186	746	517	428	323	715	1173	1175	1149	11195
10.00 - 12.49	592	594	530	401	88	56	12	7	221	400	423	505	3829
12.50 - 14.99	378	387	360	150	29	15	.	.	56	199	229	388	2191
15.00 - 17.49	65	72	52	12	14	.	.	.	.	8	40	82	345
17.50 - 19.99	40	46	26	3	2	.	.	.	.	.	46	52	215
20.00 - GREATER	3	5	6	.	.	.	.	.	.	.	9	.	23
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.75 N, LONG: 78.50 W, DEPTH: 9 M

STATION: 40

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	869	647	522	453	403	282	154	276	554	899	791	821	6671
22.50 - 67.49 (45.0)	654	632	490	323	561	499	321	609	1465	1539	865	665	8623
67.50 - 112.49 (90.0)	387	324	415	366	541	510	343	439	780	714	456	384	5659
112.50 - 157.49 (135.0)	286	303	470	504	510	544	478	485	461	279	375	319	5014
157.50 - 202.49 (180.0)	377	369	560	698	791	799	918	827	398	281	336	514	6868
202.50 - 247.49 (225.0)	711	704	866	1076	1114	1344	1942	1311	471	269	578	660	11046
247.50 - 292.49 (270.0)	765	748	838	881	745	607	669	779	379	447	656	808	8322
292.50 - 337.49 (315.0)	911	793	799	499	295	215	135	234	292	532	743	789	6237
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 40

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.19	1.13	1.06	1.11	0.92	0.93	0.88	0.72	0.84	1.27	1.04	1.02	1.01
1957	1.09	1.15	0.92	1.16	0.73	0.90	0.74	0.77	0.91	0.93	1.18	1.22	0.97
1958	1.30	1.33	1.01	1.25	0.96	0.86	0.80	0.81	0.89	1.17	0.87	1.10	1.03
1959	1.12	1.24	1.28	0.91	0.84	0.72	0.97	0.64	1.02	1.11	1.23	1.19	1.02
1960	1.04	1.40	1.27	0.96	0.95	0.92	0.89	0.68	1.03	0.74	0.86	0.99	0.97
1961	1.16	1.24	1.09	1.21	0.94	0.97	0.76	0.89	0.83	1.01	0.97	1.03	1.01
1962	1.20	1.06	1.30	1.07	0.71	0.81	0.77	0.83	0.82	0.92	1.53	1.26	1.02
1963	1.04	1.33	1.15	1.01	0.87	0.84	0.63	0.62	1.04	1.24	1.13	1.03	0.99
1964	1.28	1.17	1.18	1.04	0.91	0.78	0.85	0.86	1.16	1.19	1.09	1.16	1.06
1965	1.11	1.22	1.00	0.90	0.65	0.76	0.80	0.63	0.93	1.10	0.86	0.80	0.90
1966	1.23	1.33	1.00	0.88	0.95	0.89	0.92	0.71	0.84	0.92	1.07	0.93	0.97
1967	0.96	1.16	0.99	1.02	0.97	0.99	0.92	0.72	1.03	0.80	0.80	1.00	0.95
1968	1.08	0.89	1.04	0.64	0.68	0.76	0.60	0.56	0.55	0.90	0.85	1.05	0.80
1969	1.03	1.28	1.07	1.04	1.18	0.73	0.64	0.93	0.87	1.17	1.15	1.22	1.02
1970	1.12	1.11	1.13	1.06	0.81	0.91	0.83	0.80	0.70	1.32	1.00	0.98	0.98
1971	1.15	1.23	1.22	0.86	0.88	0.64	0.75	0.79	0.90	1.02	1.01	1.53	1.00
1972	1.08	1.14	0.99	0.95	1.22	0.93	0.84	0.69	0.74	1.00	0.98	0.96	0.96
1973	1.08	1.13	1.19	1.06	0.87	0.76	0.59	0.61	0.69	0.81	0.88	1.20	0.91
1974	0.95	0.97	0.91	0.93	0.63	0.58	0.47	0.52	0.74	0.79	0.75	0.97	0.77
1975	1.07	1.07	1.15	0.84	0.60	0.68	0.73	0.53	0.93	0.87	0.94	1.03	0.87
MEAN	1.11	1.18	1.10	0.99	0.86	0.82	0.77	0.72	0.87	1.01	1.01	1.08	

STATION: 40

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	24 633	31 918	29 918	341018	18 7 8	17 811	17 621	14 814	25 916	341015	231312	26 723	341015
1957	25 919	321015	19 527	27 721	15 7 8	26 913	14 525	16 8 9	26 910	17 531	28 819	26 819	321015
1958	321015	34 919	25 914	331111	20 914	151112	14 525	15 814	16 712	2611 9	18 5 4	27 914	34 919
1959	31 918	23 7 8	371117	20 717	22 818	15 621	23 814	14 623	301012	25 910	25 918	29 911	371117
1960	28 723	351117	331017	25 918	1810 9	15 619	28 917	12 523	391116	14 6 6	15 614	28 917	391116
1961	26 914	361018	25 914	31 918	21 813	18 718	121113	16 716	211112	181014	21 816	28 918	361018
1962	31 917	25 918	31 918	24 916	13 4 6	15 8 9	15 621	27 915	19 713	241110	411410	351410	411410
1963	27 723	3111 9	301018	26 819	17 6 8	211012	13 426	20 625	30 9 9	26 912	26 819	431210	431210
1964	461312	31 918	291018	24 918	331110	22 813	20 621	22 814	28 810	311111	26 917	24 917	461312
1965	28 919	321016	22 718	22 818	10 520	14 622	13 4 4	11 4 6	20 910	311110	21 623	21 624	321016
1966	321015	411017	311016	26 819	17 716	311016	15 6 8	15 4 2	21 812	17 5 7	2511 9	24 818	411017
1967	30 819	25 919	32 918	24 722	29 918	20 811	16 621	14 620	19 621	23 721	25 722	30 916	32 918
1968	281013	21 528	341017	17 718	14 715	24 7 8	13 612	12 4 7	11 4 5	20 816	27 918	351018	351018
1969	24 721	261012	341016	26 917	24 721	15 615	13 523	18 621	19 816	29 911	501313	30 917	501313
1970	26 722	341017	26 912	321017	21 816	20 721	16 714	14 715	12 4 1	321014	281012	301017	341017
1971	33 919	401018	32 918	281014	26 917	9 421	18 621	19 914	231011	27 8 8	21 718	361110	401018
1972	23 818	26 819	22 819	25 721	2912 9	301016	18 712	12 522	18 621	16 6 7	23 918	19 817	301016
1973	281016	271010	311018	29 918	21 818	13 715	10 911	12 618	21 623	20 623	291018	301017	311018
1974	22 819	26 918	19 623	24 721	23 718	13 817	8 713	8 4 4	20 5 5	2310 9	24 813	271018	271018
1975	25 918	30 918	30 919	27 918	12 532	12 620	16 622	10 425	22 8 8	21 818	20 623	331017	331017
MAX	461312	411017	371117	341018	331110	311016	28 917	27 915	391116	341015	501313	431210	

MAX Hmo(m): 5.0 MAX Tp(sec): 13. MAX Dp(deg): 133. DATE(gmt): 69110206

MAX WIND SPEED(m/sec): 27. MAX WIND DIRECTION(deg): 15. DATE(gmt): 62112706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.75 N, LONG: 78.00 W, DEPTH: 9 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 41

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	150	154	273	307	164	172	211	317	194	252	329	247	2770
0.50 - 0.99	1600	1361	1644	1848	2713	2952	3220	3481	2838	1980	1911	1840	27388
1.00 - 1.49	1661	1347	1451	1527	1481	1336	1304	1011	1124	1498	1408	1322	16470
1.50 - 1.99	912	864	897	653	441	250	191	122	377	781	671	818	6977
2.00 - 2.49	369	441	420	302	118	57	27	23	192	311	291	422	2973
2.50 - 2.99	180	206	184	114	20	19	3	3	56	98	111	215	1209
3.00 - 3.49	69	101	66	38	15	9	4	3	13	34	33	68	453
3.50 - 3.99	12	34	21	11	8	5	.	.	2	6	8	22	129
4.00 - 4.49	1	9	4	.	.	.	.	.	3	.	16	6	39
4.50 - 4.99	6	3	.	.	.	.	.	.	1	.	16	.	26
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	2	.	2
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	4	.	4
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 41

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	225	226	266	219	122	61	116	99	146	207	260	272	2219
4.0 - 4.9	921	834	987	919	785	806	741	740	607	771	1023	929	10063
5.0 - 5.9	935	831	983	919	1038	960	1027	852	853	772	849	787	10806
6.0 - 6.9	661	616	746	739	704	862	663	970	764	816	616	521	8678
7.0 - 7.9	456	427	530	527	767	956	981	1200	853	848	503	498	8546
8.0 - 8.9	433	419	478	516	855	634	837	638	637	641	442	423	6953
9.0 - 9.9	445	411	382	426	399	314	424	259	461	349	369	566	4805
10.0 - 10.9	344	274	216	205	151	143	102	91	239	221	222	434	2642
11.0 - 11.9	234	193	180	142	61	46	31	50	139	176	156	236	1644
12.0 - 12.9	158	110	82	70	36	18	12	33	69	73	151	120	932
13.0 - 13.9	77	95	69	85	22	.	7	18	21	73	109	96	672
14.0 - 14.9	41	56	18	24	16	.	16	7	1	12	75	52	318
15.0 - 15.9	12	26	5	9	4	.	3	2	3	.	14	19	97
16.0 - 16.9	10	2	13	.	.	.	.	1	7	1	3	7	44
17.0 - 17.9	3	.	5	.	.	.	.	.	.	.	2	.	10
18.0 - 18.9	5	.	.	.	.	.	.	.	.	.	4	.	9
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	2	.	2
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 41

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	268	161	151	131	46	35	15	29	83	184	255	283	1641
11.25 - 33.74 (22.5)	211	131	128	92	79	32	29	58	196	258	207	158	1579
33.75 - 56.24 (45.0)	203	219	154	104	111	72	60	145	413	618	293	208	2600
56.25 - 78.74 (67.5)	179	199	159	121	154	82	59	132	370	360	215	160	2190
78.75 - 101.24 (90.0)	586	562	462	414	445	216	139	128	663	883	797	644	5939
101.25 - 123.74 (112.5)	484	263	334	487	910	643	868	1136	1365	873	631	707	8701
123.75 - 146.24 (135.0)	734	532	646	683	1216	1712	1724	1837	911	752	559	453	11759
146.25 - 168.74 (157.5)	242	279	345	367	386	380	188	272	224	185	246	295	3409
168.75 - 191.24 (180.0)	402	507	636	603	424	415	372	343	157	162	211	516	4748
191.25 - 213.74 (202.5)	309	278	429	402	379	435	478	308	77	72	265	290	3722
213.75 - 236.24 (225.0)	178	213	245	416	278	360	543	258	91	51	151	170	2954
236.25 - 258.74 (247.5)	164	194	223	265	229	229	336	186	60	108	138	154	2286
258.75 - 281.24 (270.0)	263	285	347	298	178	122	99	79	77	113	261	283	2405
281.25 - 303.74 (292.5)	212	229	311	135	50	38	23	26	43	98	198	227	1590
303.75 - 326.24 (315.0)	268	232	231	148	42	13	18	10	37	129	211	243	1582
326.25 - 348.74 (337.5)	257	236	159	134	33	16	9	13	33	114	162	169	1335
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.75 N, LONG: 78.00 W, DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 41 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1611										1611
1.00 - 1.99	1190	203									1393
2.00 - 2.99		26									26
3.00 - 3.99											0
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	2801	229	0	0	0	0	0	0	0	0	3030

STATION: 41 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1109	228									1337
1.00 - 1.99	288	2589	22								2899
2.00 - 2.99		177	315	2							494
3.00 - 3.99			5								5
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1397	2994	342	2	0	0	0	0	0	0	4735

STATION: 41 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	779	1026	964	849	1127	542	105	16	2		5410
1.00 - 1.99	39	1582	855	318	352	237	26	3			3409
2.00 - 2.99		2	226	153	53	27	5				469
3.00 - 3.99			3	25	54	4					86
4.00 - 4.99					3	30	1				34
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	818	2610	2048	1345	1589	840	137	19	2	0	9408

STATION: 41 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	666	2228	7842	2902	388	54	4				14084
1.00 - 1.99	63	1387	1616	1463	357	70					4956
2.00 - 2.99		8	294	265	34	13					614
3.00 - 3.99			1	83	28						112
4.00 - 4.99				1	8	2					11
5.00 - 5.99					1	5					6
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	729	3623	9753	4714	816	144	4	0	0	0	19783

STATION: 41 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1122	1149	549	164	11						2995
1.00 - 1.99	108	1936	1230	285	22						3581
2.00 - 2.99		19	600	612	37	4					1272
3.00 - 3.99			6	225	85	2					318
4.00 - 4.99				6	14						20
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1230	3104	2385	1292	169	6	0	0	0	0	8186

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.75 N LONG: 78.00 W DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 41 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1719	561	1	.	.	.	.	.	.	.	2281
1.00 - 1.99	135	2710	372	.	.	.	.	.	.	.	3217
2.00 - 2.99	.	54	361	65	1	.	.	.	.	.	481
3.00 - 3.99	.	.	4	29	1	.	.	.	.	.	34
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1854	3325	738	94	2	0	0	0	0	0	6013

STATION: 41 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1389	63	.	.	.	.	.	.	.	.	1452
1.00 - 1.99	141	1885	.	.	.	.	.	.	.	.	2026
2.00 - 2.99	.	507	207	.	.	.	.	.	.	.	714
3.00 - 3.99	.	.	26	.	.	.	.	.	.	.	26
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1530	2455	233	0	0	0	0	0	0	0	4218

STATION: 41 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	988	.	.	.	.	.	.	.	.	.	988
1.00 - 1.99	935	1031	.	.	.	.	.	.	.	.	1966
2.00 - 2.99	.	112	.	.	.	.	.	.	.	.	112
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1923	1144	0	0	0	0	0	0	0	0	3067

STATION: 41 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	9383	5255	9356	3915	1526	596	109	16	2	.	30158
1.00 - 1.99	2899	13323	4095	2066	731	307	26	.	.	.	23447
2.00 - 2.99	.	905	2003	1097	125	44	5	3	.	.	4182
3.00 - 3.99	.	1	45	362	168	6	.	.	.	.	582
4.00 - 4.99	.	.	.	7	25	32	1	.	.	.	65
5.00 - 5.99	.	.	.	.	1	5	.	.	.	.	6
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	12282	19484	15499	7447	2576	990	141	19	2	0	58440

STATION: 41

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	92	65	82	135	156	152	250	353	274	147	123	101	1930
2.50 - 4.99	1075	867	1064	1283	2058	2291	2342	2697	2107	1484	1402	1333	20003
5.00 - 7.49	1192	1110	1380	1436	1689	1619	1772	1466	1311	1358	1197	1184	16714
7.50 - 9.99	1431	1292	1377	1322	912	656	572	429	785	1319	1283	1262	12640
10.00 - 12.49	645	625	572	421	96	58	24	15	255	424	450	518	4103
12.50 - 14.99	408	424	403	190	33	23	.	.	68	219	248	419	2435
15.00 - 17.49	69	82	48	10	15	1	.	.	.	9	42	99	375
17.50 - 19.99	45	52	28	3	1	.	.	.	.	.	49	44	222
20.00 - GREATER	3	3	6								6		18
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 33.75 N, LONG: 78.00 W, DEPTH: 9 M

STATION: 41

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	901	661	534	490	382	246	127	257	553	879	793	832	6655
22.50 - 67.49 (45.0)	630	629	505	340	580	494	328	599	1457	1563	875	672	8672
67.50 - 112.49 (90.0)	384	311	393	349	542	515	350	442	751	703	435	369	5544
112.50 - 157.49 (135.0)	271	300	438	473	472	523	456	468	449	255	360	310	4775
157.50 - 202.49 (180.0)	377	375	558	661	795	826	901	807	416	307	349	502	6874
202.50 - 247.49 (225.0)	722	721	911	1139	1177	1410	2021	1411	513	293	607	690	11615
247.50 - 292.49 (270.0)	764	739	815	855	709	597	664	768	370	447	652	792	8172
292.50 - 337.49 (315.0)	911	784	806	493	303	189	113	208	291	513	729	793	6133
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 41

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.29	1.27	1.22	1.27	1.01	1.04	1.00	0.81	0.94	1.45	1.18	1.20	1.14
1957	1.24	1.28	1.10	1.26	0.79	0.98	0.83	0.91	0.97	1.04	1.32	1.40	1.09
1958	1.50	1.50	1.15	1.40	1.07	0.99	0.89	0.92	0.98	1.31	1.00	1.25	1.16
1959	1.26	1.40	1.45	1.02	0.92	0.84	1.06	0.72	1.14	1.23	1.40	1.37	1.15
1960	1.17	1.59	1.44	1.12	1.14	1.02	1.00	0.78	1.16	0.85	0.96	1.11	1.11
1961	1.35	1.42	1.23	1.47	1.04	1.09	0.87	0.99	0.95	1.13	1.06	1.16	1.14
1962	1.41	1.19	1.47	1.26	0.80	0.90	0.90	0.92	0.90	1.06	1.76	1.48	1.17
1963	1.17	1.54	1.32	1.15	1.00	0.99	0.76	0.70	1.14	1.39	1.29	1.17	1.13
1964	1.50	1.39	1.32	1.15	1.05	0.87	0.95	0.95	1.31	1.33	1.22	1.26	1.19
1965	1.27	1.41	1.16	1.02	0.76	0.85	0.91	0.71	1.02	1.23	0.96	0.91	1.02
1966	1.36	1.47	1.14	1.00	1.04	0.98	1.02	0.80	0.96	1.03	1.26	1.06	1.09
1967	1.09	1.36	1.13	1.16	1.11	1.08	1.05	0.81	1.17	0.91	0.94	1.14	1.08
1968	1.20	1.02	1.22	0.71	0.76	0.81	0.64	0.58	0.59	0.94	0.96	1.21	0.89
1969	1.16	1.45	1.21	1.14	1.26	0.79	0.74	1.00	0.96	1.30	1.28	1.43	1.14
1970	1.23	1.33	1.30	1.21	0.89	1.00	0.92	0.93	0.75	1.43	1.14	1.12	1.10
1971	1.35	1.40	1.41	1.03	1.00	0.73	0.85	0.85	1.03	1.14	1.14	1.69	1.13
1972	1.20	1.34	1.12	1.10	1.34	1.07	0.95	0.76	0.82	1.14	1.13	1.09	1.09
1973	1.25	1.27	1.34	1.24	0.98	0.82	0.64	0.66	0.74	0.93	0.99	1.35	1.02
1974	1.06	1.10	1.04	1.02	0.73	0.64	0.51	0.55	0.81	0.90	0.85	1.10	0.86
1975	1.23	1.21	1.30	0.93	0.65	0.75	0.80	0.57	0.99	0.95	1.03	1.13	0.96
MEAN	1.27	1.35	1.25	1.13	0.97	0.91	0.86	0.79	0.97	1.13	1.14	1.23	

STATION: 41

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	25 633	321019	29 920	36 919	21 7 7	18 6 8	18 625	15 815	28 918	371016	27 7 5	33 921	371016
1957	29 822	351015	28 727	30 920	20 8 7	30 915	16 525	21 6 5	27 910	22 7 4	29 820	28 919	351015
1958	371016	411020	28 914	351011	22 914	16 622	18 723	18 6 5	21 625	3111 9	23 725	31 8 5	411020
1959	391019	27 822	421118	21 818	24 819	19 819	25 814	14 623	321013	25 911	32 920	31 910	421118
1960	311020	411218	371118	28 920	20 627	19 6 3	32 917	14 622	451117	18 6 3	20 628	33 919	451117
1961	28 914	421020	28 728	371017	23 814	20 818	13 527	19 816	241113	22 628	23 817	30 919	421020
1962	361019	28 919	35 921	291018	14 6 7	21 627	19 716	311016	23 7 4	291110	471410	421410	471410
1963	311020	351110	371020	26 822	20 820	261013	19 624	20 723	32 9 9	31 913	33 915	431210	431210
1964	481214	351015	331119	26 920	381210	24 813	22 820	23 815	291013	341013	301017	24 918	481214
1965	321019	391018	24 819	26 822	13 526	16 722	16 6 5	13 622	24 9 9	351110	22 821	22 625	391018
1966	371016	491218	361017	30 921	18 616	391017	17 623	19 6 4	22 813	20 720	3011 9	30 918	491218
1967	31 919	28 820	341118	23 921	31 920	21 810	19 720	15 621	22 819	26 821	26 821	361018	361018
1968	331114	28 821	411018	17 623	16 716	21 7 9	12 617	14 6 5	13 5 4	21 817	31 921	401118	411018
1969	24 821	30 912	391017	271019	24 919	15 715	13 619	18 721	22 916	30 910	571314	361018	571314
1970	291017	411217	31 910	351018	24 818	22 723	17 714	16 715	13 4 1	341014	311112	341018	411217
1971	341020	471119	36 920	351015	28 918	12 525	18 721	24 914	241010	28 8 8	23 627	391212	471119
1972	24 819	27 920	26 819	25 921	3511 8	351018	20 813	14 621	19 720	20 6 6	25 819	22 818	351018
1973	301017	3210 9	351118	321019	22 819	13 715	11 911	13 619	24 821	21 821	321019	351020	351020
1974	22 921	28 919	21 625	27 919	25 818	15 818	10 527	9 4 3	25 7 4	27 7 5	29 728	331021	331021
1975	32 727	331019	341019	29 821	13 527	14 527	16 720	14 525	22 8 8	22 7 4	25 821	361017	361017
MAX	481214	491218	421118	371017	381210	391017	32 917	311016	451117	371016	571314	431210	

MAX Hmo(m): 5.7 MAX Tp(sec): 13. MAX Dp(deg): 140. DATE(gmt): 69110209

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 30. DATE(gmt): 62112706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.00 N, LONG: 77.75 W, DEPTH: 9 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 42

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	184	182	297	355	169	197	227	337	184	245	360	279	3016
0.50 - 0.99	1626	1443	1701	1894	2764	2941	3258	3450	2836	2009	1915	1870	27707
1.00 - 1.49	1716	1378	1537	1525	1432	1300	1265	1008	1107	1441	1448	1343	16500
1.50 - 1.99	893	845	878	657	432	284	179	137	403	798	698	856	7060
2.00 - 2.49	323	380	346	238	121	44	25	20	177	301	228	355	2558
2.50 - 2.99	139	182	141	90	16	17	5	5	68	105	70	160	998
3.00 - 3.49	61	73	48	29	9	12	1	3	20	38	32	59	385
3.50 - 3.99	11	32	10	12	8	5	.	.	2	20	9	21	130
4.00 - 4.49	.	3	2	.	9	.	.	.	3	3	10	11	41
4.50 - 4.99	4	2	.	.	.	.	.	.	.	.	11	6	23
5.00 - 5.49	3	.	.	.	.	.	.	.	.	.	12	.	15
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	7	.	7
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 42

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	290	324	367	328	220	151	187	183	173	281	347	361	3212
4.0 - 4.9	1026	900	1063	999	756	705	663	582	582	737	1083	1011	10107
5.0 - 5.9	839	763	844	673	857	866	811	790	863	850	780	675	9611
6.0 - 6.9	459	392	518	553	604	756	565	804	583	510	375	329	6448
7.0 - 7.9	390	385	531	577	720	1024	1023	1328	804	818	443	385	8428
8.0 - 8.9	462	481	539	610	952	709	1000	725	751	734	581	493	8037
9.0 - 9.9	553	494	493	511	549	344	508	323	579	459	488	611	5912
10.0 - 10.9	415	313	273	265	188	166	129	105	301	295	283	564	3297
11.0 - 11.9	273	223	198	141	56	66	37	52	111	148	169	295	1769
12.0 - 12.9	154	136	75	67	35	12	15	44	38	78	115	134	903
13.0 - 13.9	45	77	36	58	19	1	5	15	15	43	66	47	427
14.0 - 14.9	29	16	3	9	4	.	13	3	.	6	42	28	153
15.0 - 15.9	8	11	5	9	.	.	4	5	.	1	17	14	74
16.0 - 16.9	6	3	7	.	.	.	.	1	.	.	4	8	29
17.0 - 17.9	5	2	8	.	.	.	.	.	.	.	2	5	22
18.0 - 18.9	4	.	.	.	.	.	.	.	.	.	1	.	5
19.0 - 19.9	2	.	.	.	.	.	.	.	.	.	3	.	5
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	1	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 42

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	293	197	180	154	55	33	9	28	99	185	262	324	1819
11.25 - 33.74 (22.5)	181	141	126	88	63	29	25	58	161	210	200	156	1438
33.75 - 56.24 (45.0)	182	156	112	88	96	65	53	118	295	441	225	162	1993
56.25 - 78.74 (67.5)	147	186	154	92	144	89	60	139	380	383	200	158	2132
78.75 - 101.24 (90.0)	644	614	466	450	618	253	196	163	862	1156	921	738	7081
101.25 - 123.74 (112.5)	1173	620	827	917	1752	1744	2430	2543	1994	1376	940	1074	17390
123.75 - 146.24 (135.0)	275	369	454	461	565	855	400	684	393	308	385	276	5425
146.25 - 168.74 (157.5)	273	346	359	436	303	290	152	194	158	162	206	379	3258
168.75 - 191.24 (180.0)	428	547	725	652	412	407	400	332	106	162	334	491	4996
191.25 - 213.74 (202.5)	255	197	355	323	302	353	373	206	54	62	204	168	2852
213.75 - 236.24 (225.0)	147	185	217	369	227	334	473	254	86	42	129	163	2626
236.25 - 258.74 (247.5)	86	103	106	162	193	187	245	130	51	51	67	87	1468
258.75 - 281.24 (270.0)	141	159	169	177	102	83	85	58	60	69	147	178	1428
281.25 - 303.74 (292.5)	169	184	263	128	59	40	31	21	23	84	172	197	1371
303.75 - 326.24 (315.0)	254	243	242	130	41	23	12	17	40	129	208	208	1547
326.25 - 348.74 (337.5)	312	273	205	173	28	15	16	15	38	140	200	201	1616
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.00 N LONG: 77.75 W DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 42 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1846		.	.	.	.	.	.	.	.	1846
1.00 - 1.99	1193	313	.	.	.	.	.	.	.	.	1506
2.00 - 2.99	.	28	.	.	.	.	.	.	.	.	28
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3039	341	0	0	0	0	0	0	0	0	3380

STATION: 42 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1189	54	.	.	.	.	.	.	.	.	1243
1.00 - 1.99	287	2135	.	.	.	.	.	.	.	.	2422
2.00 - 2.99	.	210	3	.	.	.	.	.	.	.	213
3.00 - 3.99	.	.	1	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1476	2399	4	0	0	0	0	0	0	0	3879

STATION: 42 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	767	1115	3156	2715	1165	296	70	20	6	.	9310
1.00 - 1.99	43	2023	1384	1339	655	159	23	7	.	.	5633
2.00 - 2.99	.	84	384	271	91	37	9	.	.	.	876
3.00 - 3.99	.	.	14	97	73	2	.	.	.	.	186
4.00 - 4.99	.	.	.	4	18	25	1	.	.	.	48
5.00 - 5.99	.	.	.	.	3	10	.	.	.	.	13
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	810	3222	4938	4426	2005	529	103	27	6	0	16066

STATION: 42 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	628	1814	6423	1927	199	18	.	.	.	.	11009
1.00 - 1.99	61	1348	1703	1116	202	17	.	.	.	.	4447
2.00 - 2.99	.	10	372	301	52	6	.	.	.	.	741
3.00 - 3.99	.	.	2	137	22	5	.	.	.	.	166
4.00 - 4.99	.	.	.	2	8	.	.	.	.	.	10
5.00 - 5.99	.	.	.	.	4	5	.	.	.	.	9
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	689	3172	8500	3483	487	51	0	0	0	0	16382

STATION: 42 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1027	1116	518	118	9	.	.	.	.	.	2788
1.00 - 1.99	114	1844	1461	424	27	.	.	.	.	.	3870
2.00 - 2.99	.	25	497	646	68	.	.	.	.	.	1236
3.00 - 3.99	.	.	.	85	70	.	.	.	.	.	155
4.00 - 4.99	.	.	.	.	6	.	.	.	.	.	6
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1141	2985	2476	1273	180	0	0	0	0	0	8055

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.00 N, LONG: 77.75 W, DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 42 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1643	360	.	.	.	.	.	.	.	.	2003
1.00 - 1.99	194	2174	292	.	.	.	.	.	.	.	2660
2.00 - 2.99	.	29	252	23	.	.	.	.	.	.	304
3.00 - 3.99	.	.	3	4	.	.	.	.	.	.	7
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1837	2563	547	27	0	0	0	0	0	0	4974

STATION: 42 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1586	.	.	.	.	.	.	.	.	.	1586
1.00 - 1.99	825	160	.	.	.	.	.	.	.	.	985
2.00 - 2.99	.	57	.	.	.	.	.	.	.	.	57
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2411	217	0	0	0	0	0	0	0	0	2628

STATION: 42 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	938	.	.	.	.	.	.	.	.	.	938
1.00 - 1.99	978	1059	.	.	.	.	.	.	.	.	2037
2.00 - 2.99	.	101	.	.	.	.	.	.	.	.	101
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1916	1160	0	0	0	0	0	0	0	0	3076

STATION: 42 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	9624	4459	10097	4760	1373	314	70	20	6	.	30723
1.00 - 1.99	3695	11056	4840	2879	884	176	23	7	.	.	23560
2.00 - 2.99	.	544	1508	1241	211	43	9	.	.	.	3556
3.00 - 3.99	.	.	20	323	165	7	.	.	.	.	515
4.00 - 4.99	.	.	.	6	32	25	1	.	.	.	64
5.00 - 5.99	.	.	.	.	7	15	.	.	.	.	22
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	13319	16059	16465	9209	2672	580	103	27	6	0	58440

STATION: 42

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	92	61	77	120	150	154	236	345	283	154	128	99	1899
2.50 - 4.99	1024	844	1037	1245	1983	2231	2298	2641	2081	1466	1354	1279	19483
5.00 - 7.49	1189	1085	1362	1413	1731	1652	1771	1487	1318	1332	1206	1202	16748
7.50 - 9.99	1442	1323	1417	1373	942	686	632	472	813	1357	1285	1275	13017
10.00 - 12.49	667	620	571	437	104	54	23	15	234	417	479	544	4165
12.50 - 14.99	423	445	407	198	32	23	.	.	71	219	253	420	2491
15.00 - 17.49	65	88	54	9	15	.	.	.	.	15	35	94	375
17.50 - 19.99	51	51	26	5	3	.	.	.	.	.	54	47	237
20.00 - GREATER	7	3	9	.	.	.	.	.	.	.	6	.	25
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.00 N, LONG: 77.75 W, DEPTH: 9 M

STATION: 42

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	912	665	548	481	359	232	123	256	556	864	807	843	6646
22.50 - 67.49 (45.0)	615	618	488	342	602	509	338	616	1462	1526	847	672	8635
67.50 - 112.49 (90.0)	395	323	397	341	537	513	358	430	719	708	431	361	5513
112.50 - 157.49 (135.0)	267	292	443	454	465	502	445	435	449	270	369	315	4706
157.50 - 202.49 (180.0)	380	363	549	662	770	817	834	795	428	302	354	487	6741
202.50 - 247.49 (225.0)	709	731	897	1138	1180	1423	2055	1418	520	276	597	699	11643
247.50 - 292.49 (270.0)	768	739	808	861	725	587	668	784	365	470	661	797	8233
292.50 - 337.49 (315.0)	914	789	830	521	322	217	139	226	301	544	734	786	6323
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 42

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.29	1.22	1.18	1.21	0.99	1.06	0.97	0.81	0.93	1.53	1.18	1.15	1.13
1957	1.21	1.24	1.04	1.24	0.80	1.01	0.82	0.89	1.01	1.07	1.27	1.38	1.08
1958	1.40	1.41	1.10	1.40	1.07	0.98	0.87	0.93	0.99	1.38	0.99	1.23	1.15
1959	1.20	1.38	1.39	1.02	0.90	0.81	1.07	0.73	1.14	1.22	1.38	1.30	1.13
1960	1.14	1.50	1.40	1.07	1.13	1.02	1.01	0.77	1.16	0.84	0.94	1.11	1.09
1961	1.29	1.38	1.18	1.35	1.05	1.09	0.85	1.00	0.97	1.10	1.06	1.11	1.12
1962	1.37	1.16	1.36	1.20	0.82	0.90	0.89	0.94	0.91	1.05	1.78	1.49	1.16
1963	1.13	1.52	1.25	1.09	1.01	0.95	0.72	0.70	1.15	1.41	1.22	1.12	1.10
1964	1.42	1.26	1.26	1.13	1.06	0.85	0.93	0.93	1.29	1.30	1.21	1.25	1.16
1965	1.23	1.34	1.11	0.98	0.73	0.83	0.91	0.70	1.03	1.21	0.93	0.88	0.99
1966	1.35	1.41	1.11	0.93	1.03	0.99	1.00	0.80	0.93	1.02	1.22	1.07	1.07
1967	1.07	1.32	1.11	1.10	1.09	1.12	1.04	0.81	1.17	0.93	0.91	1.12	1.06
1968	1.23	0.94	1.15	0.68	0.75	0.79	0.63	0.59	0.59	0.95	0.91	1.14	0.86
1969	1.13	1.37	1.13	1.14	1.28	0.79	0.72	1.00	0.96	1.33	1.28	1.35	1.12
1970	1.19	1.30	1.23	1.21	0.92	1.01	0.93	0.91	0.76	1.53	1.13	1.08	1.10
1971	1.30	1.35	1.31	0.99	0.97	0.72	0.86	0.87	1.08	1.15	1.10	1.71	1.12
1972	1.20	1.30	1.09	1.06	1.37	1.02	0.93	0.77	0.82	1.15	1.08	1.07	1.07
1973	1.21	1.21	1.28	1.15	0.95	0.81	0.66	0.66	0.76	0.91	0.95	1.30	0.99
1974	1.03	1.04	1.00	0.98	0.70	0.62	0.50	0.54	0.82	0.88	0.82	1.04	0.83
1975	1.18	1.16	1.22	0.91	0.64	0.73	0.75	0.56	1.00	0.97	1.01	1.13	0.94
MEAN	1.23	1.29	1.19	1.09	0.96	0.91	0.85	0.80	0.97	1.15	1.12	1.20	

STATION: 42

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	25 633	30 920	271020	34 918	21 6 8	19 810	16 624	16 913	27 916	391014	3010 9	28 823	391014
1957	28 921	351014	22 527	28 919	22 8 9	34 913	15 624	23 8 9	291010	23 6 3	28 819	26 819	351014
1958	371014	361020	29 913	381111	22 913	181111	18 723	18 813	21 815	34 910	20 719	381110	381110
1959	331018	28 8 9	401117	21 817	22 818	18 819	25 913	14 623	331012	25 910	28 921	31 910	401117
1960	311010	381217	401016	27 920	231110	19 6 5	30 916	14 622	421116	17 6 7	18 720	30 918	421116
1961	28 913	361118	26 912	361016	25 813	19 818	14 621	20 815	271111	20 913	22 815	27 919	361016
1962	341017	26 919	29 920	291017	15 5 7	18 810	22 814	341014	24 8 9	321110	561310	471410	561310
1963	271020	3911 9	33 922	25 821	20 918	291012	15 719	20 722	34 8 9	34 911	34 914	451210	451210
1964	531212	35 914	331118	25 919	441210	25 812	20 819	22 814	28 917	381111	301016	24 917	531212
1965	301020	371116	22 720	25 725	12 523	15 624	17 5 6	13 622	27 8 9	401010	20 821	21 819	401010
1966	381014	471117	351016	27 823	17 716	391015	17 622	19 5 4	24 812	19 6 4	3111 9	26 820	471117
1967	29 919	27 818	341117	24 922	29 920	23 810	18 818	15 613	21 819	23 820	24 818	331016	341117
1968	341112	29 9 9	351118	18 718	17 715	19 713	11 617	14 5 7	12 5 5	21 815	27 918	361119	361119
1969	24 821	331011	351118	271018	23 919	15 714	13 618	19 817	23 815	32 910	571313	321017	571313
1970	30 914	391315	34 911	331118	24 916	21 724	17 714	17 714	13 4 1	351013	351111	341016	391315
1971	32 921	401118	32 919	371013	27 917	10 524	18 720	26 813	301110	31 8 9	22 813	471210	471210
1972	22 920	26 919	23 821	24 821	4011 9	331016	19 714	15 622	19 718	19 7 8	24 817	21 817	4011 9
1973	291016	3711 9	331118	30 823	22 818	13 614	12 910	12 619	23 821	21 723	301019	331118	3711 9
1974	22 820	26 918	19 623	26 919	23 817	14 817	10 4 3	9 4 3	24 6 5	29 9 9	25 811	311013	311013
1975	28 821	311018	301018	27 920	13 521	13 524	16 721	10 5 7	22 910	22 8 9	24 821	351016	351016
MAX	531212	471117	401016	381111	441210	391015	30 916	341014	421116	401010	571313	471210	

MAX Hmo(m): 5.7 MAX Tp(sec): 13. MAX Dp(deg): 126. DATE(gmt): 69110212

MAX WIND SPEED(m/sec): 23. MAX WIND DIRECTION(deg): 285. DATE(gmt): 68030112

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.25 N, LONG: 77.50 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 43

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	258	249	344	416	230	270	316	436	250	317	441	347	3874
0.50 - 0.99	1767	1479	1727	1896	2793	2930	3228	3444	2934	2081	1941	1929	28149
1.00 - 1.49	1593	1364	1491	1420	1388	1260	1125	877	1079	1580	1424	1358	15959
1.50 - 1.99	761	707	775	562	368	245	238	168	333	621	569	652	5999
2.00 - 2.49	296	365	346	276	119	61	47	27	144	240	234	372	2527
2.50 - 2.99	175	219	159	145	39	12	6	6	40	84	103	172	1160
3.00 - 3.49	72	78	69	58	14	21	.	2	19	21	41	93	488
3.50 - 3.99	28	45	40	25	4	1	.	.	1	15	32	27	218
4.00 - 4.49	6	11	9	1	2	.	.	.	.	1	8	8	46
4.50 - 4.99	2	3	.	1	3	.	.	.	.	.	3	1	13
5.00 - 5.49	2	.	.	.	.	.	.	.	.	.	2	1	5
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	2	.	2
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 43

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	379	409	466	390	322	200	268	236	238	349	446	477	4180
4.0 - 4.9	1373	1185	1326	1228	1008	897	850	828	1047	1327	1411	1315	13795
5.0 - 5.9	963	851	896	723	1013	996	1046	861	852	730	818	764	10513
6.0 - 6.9	464	451	572	627	739	1051	916	1179	775	638	455	388	8255
7.0 - 7.9	333	373	507	568	804	849	995	1054	750	767	461	450	7911
8.0 - 8.9	422	425	448	495	582	451	519	423	501	492	394	410	5562
9.0 - 9.9	380	323	344	364	296	206	248	203	347	238	290	448	3687
10.0 - 10.9	314	212	165	181	111	102	78	73	181	203	182	362	2164
11.0 - 11.9	178	132	136	124	37	39	14	52	78	101	131	187	1209
12.0 - 12.9	107	99	59	54	36	9	7	31	23	66	117	83	691
13.0 - 13.9	27	48	21	36	10	.	8	14	8	42	35	36	285
14.0 - 14.9	12	12	2	8	2	.	6	3	.	7	38	17	107
15.0 - 15.9	.	.	5	2	.	.	5	3	.	.	16	12	43
16.0 - 16.9	2	.	8	.	.	.	.	.	.	.	2	8	20
17.0 - 17.9	4	.	5	.	.	.	.	.	.	.	1	3	13
18.0 - 18.9	1	.	.	.	.	.	.	.	.	.	.	.	1
19.0 - 19.9	1	.	.	.	.	.	.	.	.	.	2	.	3
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	1	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 43

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	383	280	247	168	91	36	22	39	132	210	285	365	2258
11.25 - 33.74 (22.5)	262	172	147	112	99	39	35	70	235	328	277	196	1972
33.75 - 56.24 (45.0)	194	183	134	89	109	75	63	123	347	524	245	203	2289
56.25 - 78.74 (67.5)	156	202	151	101	145	113	67	144	325	342	186	162	2094
78.75 - 101.24 (90.0)	440	414	373	368	460	233	159	151	670	890	640	474	5272
101.25 - 123.74 (112.5)	928	434	609	693	1283	1147	1715	1875	1754	1185	826	890	13339
123.75 - 146.24 (135.0)	309	385	436	453	721	1095	678	1001	535	413	432	260	6718
146.25 - 168.74 (157.5)	253	320	345	438	388	375	222	285	222	191	230	341	3610
168.75 - 191.24 (180.0)	376	463	632	612	442	479	460	394	138	168	294	518	4976
191.25 - 213.74 (202.5)	264	284	414	395	345	405	449	244	61	71	246	241	3416
213.75 - 236.24 (225.0)	221	245	285	406	337	368	596	291	105	62	154	206	3276
236.25 - 258.74 (247.5)	105	127	137	234	230	233	332	187	60	96	105	122	1968
258.75 - 281.24 (270.0)	207	226	231	236	156	104	96	90	79	101	196	245	1967
281.25 - 303.74 (292.5)	217	222	310	155	68	37	34	25	32	99	213	251	1663
303.75 - 326.24 (315.0)	284	272	271	150	44	29	11	17	50	126	218	259	1731
326.25 - 348.74 (337.5)	361	291	238	190	45	32	21	24	55	154	253	227	1891
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.25 N, LONG: 77.50 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 43 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2302	.	.	.	.	.	.	.	.	.	2302
1.00 - 1.99	1444	403	.	.	.	.	.	.	.	.	1847
2.00 - 2.99	.	86	.	.	.	.	.	.	.	.	86
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3746	489	0	0	0	0	0	0	0	0	4235

STATION: 43 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1537	4	.	.	.	.	.	.	.	.	1541
1.00 - 1.99	1875	682	.	.	.	.	.	.	.	.	2557
2.00 - 2.99	.	111	.	.	.	.	.	.	.	.	111
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3412	800	0	0	0	0	0	0	0	0	4212

STATION: 43 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	980	1597	1565	982	823	201	45	12	4	.	6209
1.00 - 1.99	204	2341	613	188	156	41	10	2	.	.	3555
2.00 - 2.99	.	115	365	75	47	.	.	.	.	.	602
3.00 - 3.99	.	.	32	32	17	28	5	.	.	.	114
4.00 - 4.99	.	.	1	8	9	1	.	.	.	.	19
5.00 - 5.99	.	.	.	1	1	1	.	.	.	.	3
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1184	4053	2576	1286	1053	272	60	14	4	0	10502

STATION: 43 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	763	3254	6164	2324	365	40	3	.	.	.	12913
1.00 - 1.99	87	1582	1169	836	261	57	.	.	.	.	3992
2.00 - 2.99	.	47	344	187	44	12	.	.	.	.	634
3.00 - 3.99	.	.	28	105	10	7	.	.	.	.	150
4.00 - 4.99	.	.	.	.	8	1	.	.	.	.	9
5.00 - 5.99	.	.	.	.	1	3	.	.	.	.	4
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	850	4883	7705	3452	689	120	3	0	0	0	17702

STATION: 43 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1194	1453	672	177	15	.	.	.	.	.	3511
1.00 - 1.99	130	2082	871	371	50	.	.	.	.	.	3504
2.00 - 2.99	.	129	692	255	55	.	.	.	.	.	1131
3.00 - 3.99	.	.	71	189	31	.	.	.	.	.	291
4.00 - 4.99	.	.	.	21	5	.	.	.	.	.	26
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1324	3664	2306	1013	156	0	0	0	0	0	8463

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.25 N LONG: 77.50 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 43 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2037	420	6	.	.	.	.	.	.	.	2463
1.00 - 1.99	239	2555	203	1	.	.	.	.	.	.	2998
2.00 - 2.99	.	101	600	25	.	.	.	.	.	.	726
3.00 - 3.99	.	.	74	69	2	.	.	.	.	.	145
4.00 - 4.99	.	.	.	5	.	.	.	.	.	.	5
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2276	3076	883	100	2	0	0	0	0	0	6337

STATION: 43 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1955	.	.	.	.	.	.	.	.	.	1955
1.00 - 1.99	1057	346	.	.	.	.	.	.	.	.	1403
2.00 - 2.99	.	130	3	.	.	.	.	.	.	.	133
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3012	477	3	0	0	0	0	0	0	0	3492

STATION: 43 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1129	.	.	.	.	.	.	.	.	.	1129
1.00 - 1.99	1042	1060	.	.	.	.	.	.	.	.	2102
2.00 - 2.99	.	264	.	.	.	.	.	.	.	.	264
3.00 - 3.99	.	2	.	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2171	1326	0	0	0	0	0	0	0	0	3497

STATION: 43 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	11897	6728	8407	3483	1203	241	48	12	4	.	32023
1.00 - 1.99	6078	11051	2856	1396	467	98	10	2	.	.	21958
2.00 - 2.99	.	983	2004	542	146	12	.	.	.	.	3687
3.00 - 3.99	.	6	205	395	60	35	5	.	.	.	706
4.00 - 4.99	.	.	1	34	22	2	.	.	.	.	59
5.00 - 5.99	.	.	.	1	2	4	.	.	.	.	7
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	17975	18768	13473	5851	1900	392	63	14	4	0	58440

STATION: 43

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	105	67	107	143	166	185	276	391	329	169	150	143	2231
2.50 - 4.99	1011	844	1064	1234	1931	2189	2247	2549	2040	1482	1326	1238	19155
5.00 - 7.49	1168	1080	1259	1360	1705	1643	1737	1489	1291	1297	1207	1174	16410
7.50 - 9.99	1421	1302	1451	1369	983	700	676	509	843	1337	1273	1285	13149
10.00 - 12.49	680	628	572	464	125	57	23	22	224	436	476	541	4248
12.50 - 14.99	443	456	414	212	28	26	1	.	73	216	269	418	2556
15.00 - 17.49	66	89	56	13	14	.	.	.	.	23	36	105	402
17.50 - 19.99	58	51	29	5	8	.	.	.	.	.	53	56	260
20.00 - GREATER	8	3	8								10		29
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.25 N, LONG: 77.50 W, DEPTH: 18 M

STATION: 43

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	921	682	586	478	359	241	145	266	577	855	819	840	6769
22.50 - 67.49 (45.0)	638	625	475	355	616	516	344	637	1447	1502	811	676	8642
67.50 - 112.49 (90.0)	393	317	393	334	517	524	361	409	692	696	419	356	5411
112.50 - 157.49 (135.0)	262	296	439	432	455	455	393	402	418	279	383	297	4511
157.50 - 202.49 (180.0)	364	353	542	652	744	813	792	746	439	298	366	492	6601
202.50 - 247.49 (225.0)	712	733	883	1131	1184	1427	2094	1460	529	300	593	706	11752
247.50 - 292.49 (270.0)	764	712	820	871	741	597	673	781	376	453	655	819	8262
292.50 - 337.49 (315.0)	906	802	822	547	344	227	158	259	322	577	754	774	6492
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 43

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.27	1.22	1.21	1.26	0.94	1.03	0.98	0.77	0.89	1.39	1.10	1.12	1.10
1957	1.19	1.18	1.05	1.19	0.80	0.98	0.80	0.86	0.96	1.00	1.25	1.35	1.05
1958	1.36	1.48	1.11	1.39	1.03	0.92	0.87	0.91	0.95	1.24	0.96	1.17	1.11
1959	1.22	1.37	1.36	1.05	0.90	0.78	1.05	0.70	1.07	1.21	1.32	1.26	1.11
1960	1.16	1.53	1.41	1.09	1.09	1.02	0.97	0.79	1.06	0.83	0.91	1.07	1.08
1961	1.22	1.38	1.19	1.40	1.05	1.10	0.84	0.98	0.90	1.03	1.01	1.13	1.10
1962	1.33	1.17	1.32	1.22	0.80	0.88	0.89	0.89	0.88	0.98	1.62	1.38	1.11
1963	1.14	1.42	1.31	1.14	0.98	0.92	0.72	0.70	1.07	1.30	1.22	1.09	1.08
1964	1.46	1.29	1.30	1.16	1.02	0.85	0.92	0.93	1.20	1.23	1.18	1.25	1.15
1965	1.19	1.34	1.10	0.99	0.75	0.83	0.93	0.69	0.93	1.14	0.93	0.85	0.97
1966	1.34	1.37	1.09	0.94	1.02	0.96	0.97	0.78	0.94	0.98	1.10	1.01	1.04
1967	1.07	1.35	1.11	1.16	1.14	1.10	1.10	0.81	1.10	0.89	0.89	1.15	1.07
1968	1.13	0.89	1.17	0.66	0.73	0.77	0.60	0.57	0.54	0.91	0.94	1.18	0.84
1969	1.14	1.38	1.16	1.15	1.22	0.80	0.71	0.98	0.89	1.21	1.24	1.39	1.10
1970	1.21	1.22	1.22	1.19	0.89	1.00	0.92	0.89	0.73	1.43	1.09	1.09	1.07
1971	1.33	1.36	1.34	1.01	0.99	0.69	0.88	0.85	0.96	1.14	1.08	1.63	1.11
1972	1.20	1.29	1.12	1.10	1.31	1.03	0.94	0.78	0.80	1.09	1.09	1.06	1.07
1973	1.17	1.20	1.32	1.20	0.96	0.78	0.62	0.65	0.72	0.86	0.98	1.32	0.98
1974	1.01	1.05	1.01	1.04	0.70	0.62	0.48	0.53	0.76	0.78	0.83	1.03	0.82
1975	1.09	1.13	1.24	0.94	0.63	0.73	0.74	0.54	0.97	0.93	0.96	1.02	0.91
MEAN	1.21	1.28	1.21	1.11	0.95	0.89	0.85	0.78	0.92	1.08	1.09	1.18	

STATION: 43

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	28 633	38 921	331021	371019	18 5 7	19 5 8	21 721	14 814	29 813	40 8 9	28 823	33 823	40 8 9
1957	36 923	341014	23 722	35 921	21 5 5	34 8 9	17 625	20 7 8	33 9 9	20 5 3	34 819	32 820	36 923
1958	35 914	431020	28 912	451011	22 718	17 620	21 724	18 618	22 715	30 910	23 720	311013	451011
1959	401018	35 921	441017	25 717	27 720	21 721	24 710	15 623	33 912	27 8 9	33 922	33 918	441017
1960	34 823	43 922	43 918	31 920	21 720	17 619	281017	15 622	351015	15 620	22 721	36 919	43 918
1961	28 819	431020	32 821	38 917	25 720	21 718	16 623	20 816	221112	19 534	22 716	31 821	431020
1962	401021	31 819	34 822	321017	15 521	17 525	21 714	301015	21 711	251110	411311	351411	411311
1963	32 821	291011	401022	31 919	21 722	241012	15 721	22 722	31 7 8	32 912	35 822	5010 9	5010 9
1964	5411 9	36 921	371019	29 919	471210	23 812	21 721	24 820	26 810	391111	34 917	29 917	5411 9
1965	35 919	431017	27 817	31 822	15 620	19 722	17 622	14 622	23 7 8	32 818	26 821	26 820	431017
1966	39 913	491019	361016	29 824	19 716	351015	19 623	161113	28 811	19 719	32 821	32 821	491019
1967	36 920	351021	401019	29 921	361021	24 810	22 720	17 622	22 720	28 821	29 821	38 917	401019
1968	35 810	27 633	41 918	22 719	19 613	19 712	12 617	13 4 7	11 4 4	22 716	36 919	441120	441120
1969	29 821	3510 8	38 915	33 919	29 919	17 615	15 618	24 819	22 815	33 810	561313	39 917	561313
1970	32 822	401017	31 810	381018	24 817	25 823	21 721	19 617	15 622	371012	381010	40 917	40 917
1971	40 922	461021	37 919	35 912	30 918	12 524	22 721	26 914	22 5 3	30 8 9	27 724	4410 9	461021
1972	27 822	32 820	26 822	31 822	3212 9	331017	20 723	18 623	22 719	19 617	29 817	23 721	331017
1973	33 914	33 918	401019	37 922	27 819	14 621	11 912	12 431	29 819	25 723	361019	371019	401019
1974	27 821	32 820	24 820	30 818	27 718	13 817	10 4 3	9 522	20 5 3	24 7 8	29 723	391021	391021
1975	34 822	371021	36 922	351022	14 519	14 621	19 722	11 4 7	24 7 8	25 718	29 821	391118	391118
MAX	5411 9	491019	441017	451011	471210	351015	281017	301015	351015	40 8 9	561313	5010 9	

MAX Hmo(m): 5.6 MAX Tp(sec): 13. MAX Dp(deg): 126. DATE(gmt): 69110203

MAX WIND SPEED(m/sec): 24. MAX WIND DIRECTION(deg): 20. DATE(gmt): 62112700

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.25 N, LONG: 77.25 W, DEPTH: 22 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 44

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	208	209	299	347	154	186	239	344	200	271	383	295	3135
0.50 - 0.99	1566	1310	1515	1690	2544	2675	2915	3251	2807	1945	1811	1775	25804
1.00 - 1.49	1575	1337	1478	1464	1556	1491	1420	1101	1099	1511	1380	1301	16713
1.50 - 1.99	862	768	855	653	476	325	293	215	418	708	671	730	6974
2.00 - 2.49	361	415	410	332	143	78	85	38	198	327	262	413	3062
2.50 - 2.99	203	246	232	176	48	23	7	9	48	143	165	250	1550
3.00 - 3.49	111	133	91	89	24	18	1	2	26	32	58	128	713
3.50 - 3.99	52	72	52	39	9	4	.	.	4	16	39	48	335
4.00 - 4.49	16	17	23	8	1	.	.	.	.	7	22	12	106
4.50 - 4.99	4	10	5	2	2	.	.	.	.	.	5	7	33
5.00 - 5.49	1	3	.	.	3	.	.	.	.	.	3	1	11
5.50 - 5.99	1	.	.	.	.	.	.	.	.	.	1	.	2
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	2	.	2
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 44

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	286	281	327	254	150	70	108	95	147	233	333	347	2631
4.0 - 4.9	1164	1060	1181	1100	990	854	841	869	941	1047	1233	1179	12459
5.0 - 5.9	1172	976	1088	1027	1179	1150	1263	1018	895	858	991	917	12534
6.0 - 6.9	638	612	741	691	822	1159	987	1216	955	862	627	577	9887
7.0 - 7.9	354	435	528	531	827	820	997	1051	750	868	490	481	8132
8.0 - 8.9	426	389	426	489	556	426	477	377	504	495	393	402	5360
9.0 - 9.9	338	312	308	338	265	192	200	170	335	226	244	423	3351
10.0 - 10.9	280	202	150	168	98	87	48	64	178	161	180	329	1945
11.0 - 11.9	150	116	118	105	32	35	12	48	71	98	119	168	1072
12.0 - 12.9	96	73	55	49	29	7	7	28	15	63	89	65	576
13.0 - 13.9	30	51	20	31	9	.	9	20	9	41	44	37	301
14.0 - 14.9	17	12	2	15	3	.	9	3	.	8	39	16	124
15.0 - 15.9	.	1	5	1	.	.	2	1	.	.	13	10	33
16.0 - 16.9	5	.	9	1	.	.	.	.	.	.	1	6	22
17.0 - 17.9	2	.	2	.	.	.	.	.	.	.	.	2	6
18.0 - 18.9	2	.	.	.	.	.	.	.	.	.	1	1	4
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	2	.	2
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	1	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 44

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	358	252	218	148	87	37	22	34	143	198	279	322	2098
11.25 - 33.74 (22.5)	217	141	134	104	82	36	32	68	208	263	223	170	1678
33.75 - 56.24 (45.0)	183	168	121	82	105	51	52	113	282	413	217	173	1960
56.25 - 78.74 (67.5)	247	284	222	161	205	160	84	171	493	623	294	256	3200
78.75 - 101.24 (90.0)	423	385	352	340	480	235	169	176	646	838	614	436	5094
101.25 - 123.74 (112.5)	814	357	534	574	1086	940	1399	1619	1563	1042	728	753	11409
123.75 - 146.24 (135.0)	286	360	393	433	688	1150	779	1036	600	429	414	263	6831
146.25 - 168.74 (157.5)	215	294	291	377	389	377	210	256	220	197	224	298	3348
168.75 - 191.24 (180.0)	362	443	590	607	414	482	472	445	137	188	243	532	4915
191.25 - 213.74 (202.5)	250	259	386	381	419	427	490	307	85	86	256	250	3596
213.75 - 236.24 (225.0)	270	276	347	459	400	418	660	330	100	56	193	223	3732
236.25 - 258.74 (247.5)	153	215	210	317	288	277	412	246	88	120	148	185	2659
258.75 - 281.24 (270.0)	300	289	337	288	174	111	122	93	85	122	269	335	2525
281.25 - 303.74 (292.5)	252	264	338	187	63	42	32	25	42	113	253	265	1876
303.75 - 326.24 (315.0)	320	272	276	170	39	31	13	20	53	140	237	269	1840
326.25 - 348.74 (337.5)	310	261	211	172	41	26	12	21	55	132	208	230	1679
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.25 N LONG: 77.25 W DEPTH: 22 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 44 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1985	.	.	.	.	.	.	.	.	.	1985
1.00 - 1.99	1439	318	.	.	.	.	.	.	.	.	1757
2.00 - 2.99	.	87	.	.	.	.	.	.	.	.	87
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3424	405	0	0	0	0	0	0	0	0	3829

STATION: 44 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1248	95	5	.	.	.	.	.	.	.	1348
1.00 - 1.99	1015	1681	26	.	.	.	.	.	.	.	2722
2.00 - 2.99	.	188	106	1	.	.	.	.	.	.	295
3.00 - 3.99	.	1	16	1	.	.	.	.	.	.	18
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2263	1965	153	2	0	0	0	0	0	0	4383

STATION: 44 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	857	1602	1618	811	681	211	39	8	3	.	5830
1.00 - 1.99	151	2411	597	173	152	57	11	1	.	.	3553
2.00 - 2.99	.	146	431	53	30	2	.	.	.	.	662
3.00 - 3.99	.	.	71	46	20	16	1	.	.	.	154
4.00 - 4.99	.	.	1	17	10	13	2	.	.	.	43
5.00 - 5.99	.	.	.	2	3	.	.	.	.	.	5
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1008	4159	2718	1102	896	299	53	9	3	0	10247

STATION: 44 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	631	2996	5648	1939	315	42	2	.	.	.	11573
1.00 - 1.99	87	1523	1178	843	254	61	.	1	.	.	3947
2.00 - 2.99	.	51	362	171	41	11	.	.	.	.	636
3.00 - 3.99	.	.	37	108	14	3	.	.	.	.	162
4.00 - 4.99	.	.	.	8	8	.	.	.	.	.	16
5.00 - 5.99	.	.	.	.	1	4	.	.	.	.	5
6.00 - 6.99	.	.	.	.	1	1	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	718	4570	7225	3069	634	122	2	1	0	0	16341

STATION: 44 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1047	1459	590	170	10	.	.	.	.	.	3276
1.00 - 1.99	125	2217	921	253	28	.	.	.	.	.	3544
2.00 - 2.99	.	129	674	238	26	.	.	.	.	.	1067
3.00 - 3.99	.	.	128	267	32	4	.	.	.	.	431
4.00 - 4.99	.	.	.	39	21	.	.	.	.	.	60
5.00 - 5.99	.	.	.	1	1	.	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1172	3805	2313	968	118	4	0	0	0	0	8380

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.25 N, LONG: 77.25 W, DEPTH: 22 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 44 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1785	596	4	.	.	.	.	.	.	.	2385
1.00 - 1.99	178	3143	169	.	.	.	.	.	.	.	3490
2.00 - 2.99	.	154	768	16	.	.	.	.	.	.	938
3.00 - 3.99	.	.	93	121	.	.	.	.	.	.	214
4.00 - 4.99	.	.	1	17	.	.	.	.	.	.	18
5.00 - 5.99	.	.	.	1	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1963	3893	1035	155	0	0	0	0	0	0	7046

STATION: 44 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1421	.	.	.	.	.	.	.	.	.	1421
1.00 - 1.99	928	1599	.	.	.	.	.	.	.	.	2527
2.00 - 2.99	.	588	4	.	.	.	.	.	.	.	592
3.00 - 3.99	.	24	42	.	.	.	.	.	.	.	66
4.00 - 4.99	.	.	2	.	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2349	2211	48	0	0	0	0	0	0	0	4608

STATION: 44 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1121	.	.	.	.	.	.	.	.	.	1121
1.00 - 1.99	1072	1075	.	.	.	.	.	.	.	.	2147
2.00 - 2.99	.	335	.	.	.	.	.	.	.	.	335
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2193	1413	0	0	0	0	0	0	0	0	3606

STATION: 44 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10095	6748	7865	2920	1006	253	41	8	3	.	28939
1.00 - 1.99	4995	13967	2891	1269	434	118	11	2	.	.	23687
2.00 - 2.99	.	1678	2345	479	97	13	.	.	.	.	4612
3.00 - 3.99	.	28	387	543	66	23	1	.	.	.	1048
4.00 - 4.99	.	.	4	81	39	13	2	.	.	.	139
5.00 - 5.99	.	.	.	4	5	4	.	.	.	.	13
6.00 - 6.99	.	.	.	.	1	1	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	15090	22421	13492	5296	1648	425	55	10	3	0	58440

STATION: 44

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	103	64	96	132	161	168	277	384	328	166	145	147	2171
2.50 - 4.99	983	817	1051	1227	1869	2141	2185	2479	2000	1461	1313	1191	18717
5.00 - 7.49	1142	1091	1237	1328	1711	1654	1735	1497	1288	1276	1181	1193	16333
7.50 - 9.99	1429	1301	1456	1384	1020	748	730	577	856	1348	1277	1277	13403
10.00 - 12.49	698	618	592	480	142	63	31	22	249	453	498	552	4398
12.50 - 14.99	461	477	429	225	34	26	2	1	79	223	286	434	2677
15.00 - 17.49	77	93	60	19	13	.	.	.	.	33	35	105	435
17.50 - 19.99	57	55	29	5	10	.	.	.	.	.	55	61	272
20.00 - GREATER	10	4	10								10		34
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.25 N, LONG: 77.25 W, DEPTH: 22 M

STATION: 44

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	920	671	588	476	365	242	147	259	583	831	802	840	6724
22.50 - 67.49 (45.0)	642	635	487	368	609	506	342	628	1438	1519	808	677	8659
67.50 - 112.49 (90.0)	399	319	407	332	529	526	375	415	684	677	421	365	5449
112.50 - 157.49 (135.0)	253	290	414	420	442	452	378	406	410	286	384	290	4425
157.50 - 202.49 (180.0)	363	356	535	646	730	801	774	734	438	302	372	487	6538
202.50 - 247.49 (225.0)	708	735	891	1124	1198	1444	2109	1452	543	299	596	715	11814
247.50 - 292.49 (270.0)	764	711	818	881	745	601	671	796	385	463	657	824	8316
292.50 - 337.49 (315.0)	911	803	820	553	342	228	164	270	319	583	760	762	6515
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 44

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.32	1.31	1.31	1.37	1.01	1.10	1.06	0.82	0.93	1.51	1.19	1.24	1.18
1957	1.28	1.27	1.16	1.25	0.85	1.02	0.85	0.94	1.00	1.07	1.33	1.48	1.12
1958	1.47	1.59	1.20	1.50	1.09	0.99	0.93	0.97	1.00	1.32	1.04	1.26	1.19
1959	1.32	1.47	1.47	1.13	0.95	0.84	1.10	0.76	1.14	1.30	1.41	1.38	1.19
1960	1.25	1.65	1.51	1.20	1.21	1.08	1.04	0.86	1.13	0.89	0.98	1.14	1.16
1961	1.33	1.51	1.30	1.57	1.11	1.16	0.91	1.04	0.98	1.09	1.07	1.21	1.19
1962	1.46	1.25	1.42	1.34	0.86	0.95	0.97	0.94	0.93	1.08	1.78	1.53	1.21
1963	1.22	1.55	1.42	1.24	1.06	1.01	0.79	0.74	1.14	1.39	1.34	1.17	1.17
1964	1.63	1.44	1.40	1.23	1.14	0.91	0.98	0.97	1.27	1.32	1.29	1.32	1.24
1965	1.29	1.46	1.18	1.07	0.81	0.88	0.99	0.75	0.98	1.22	0.99	0.91	1.04
1966	1.44	1.46	1.20	1.03	1.08	1.01	1.04	0.84	1.01	1.04	1.22	1.09	1.12
1967	1.14	1.47	1.21	1.27	1.24	1.16	1.17	0.87	1.18	0.95	0.97	1.23	1.15
1968	1.21	0.96	1.31	0.70	0.79	0.80	0.61	0.60	0.56	0.94	1.02	1.30	0.90
1969	1.21	1.51	1.26	1.22	1.28	0.83	0.77	1.03	0.94	1.31	1.31	1.52	1.18
1970	1.27	1.35	1.32	1.29	0.94	1.05	0.97	0.97	0.76	1.52	1.19	1.17	1.15
1971	1.46	1.46	1.47	1.12	1.08	0.75	0.94	0.90	1.05	1.23	1.16	1.76	1.20
1972	1.27	1.43	1.20	1.19	1.38	1.11	1.01	0.82	0.85	1.18	1.19	1.15	1.15
1973	1.28	1.28	1.40	1.32	1.03	0.82	0.65	0.68	0.75	0.94	1.05	1.42	1.05
1974	1.10	1.12	1.10	1.12	0.75	0.66	0.51	0.54	0.80	0.84	0.89	1.13	0.88
1975	1.20	1.24	1.35	1.00	0.66	0.78	0.79	0.57	1.00	0.98	1.01	1.08	0.97
MEAN	1.31	1.39	1.31	1.21	1.02	0.95	0.90	0.83	0.97	1.16	1.17	1.28	

STATION: 44

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	29 633	40 921	39 923	391019	20 6 5	20 6 9	21 721	15 814	30 814	42 9 9	29 821	37 921	42 9 9
1957	38 923	341015	29 627	36 921	24 7 8	36 810	18 724	23 7 7	35 9 9	23 5 3	36 820	34 820	38 923
1958	37 914	471020	29 912	491011	23 718	17 621	23 724	20 618	24 715	32 911	24 720	33 914	491011
1959	481019	38 921	471017	26 717	28 721	21 722	25 710	17 621	35 810	28 723	35 922	35 921	481019
1960	36 823	45 922	481017	32 921	22 721	19 5 3	301017	16 622	351016	17 528	23 721	38 919	481017
1961	31 727	451020	36 824	42 917	28 818	22 718	17 621	21 816	231112	211014	24 716	33 821	451020
1962	421021	32 820	35 822	351018	16 620	20 625	22 721	31 915	23 7 9	28 8 7	451310	401411	451310
1963	35 920	3210 9	421022	33 921	23 723	261013	19 525	23 723	33 8 8	34 911	37 823	5310 8	5310 8
1964	5811 9	37 921	411021	31 919	511210	25 812	23 721	25 820	28 7 9	431111	371016	31 917	5811 9
1965	371021	461018	29 818	34 824	16 622	19 723	17 622	14 623	26 7 7	34 818	27 822	27 822	461018
1966	421014	511019	371016	31 921	19 6 9	361015	21 722	181113	29 811	21 720	37 823	34 919	511019
1967	39 921	371021	451019	31 922	38 922	25 810	23 721	19 721	23 819	29 821	31 821	40 915	451019
1968	38 8 9	28 632	431018	24 720	19 715	18 612	12 617	14 5 7	12 4 4	23 714	38 919	471120	471120
1969	31 821	3910 9	411118	351019	31 919	18 616	17 619	27 821	23 816	36 8 9	621212	42 918	621212
1970	34 921	451017	34 912	421019	25 817	25 824	23 821	21 617	16 623	411012	411010	43 917	451017
1971	431021	501022	39 919	391012	31 918	14 624	23 721	27 915	25 5 3	32 7 7	27 821	4710 9	501022
1972	29 822	33 820	28 819	32 822	37 8 6	35 920	21 724	21 721	23 723	21 723	30 818	25 721	37 8 6
1973	35 914	36 918	431019	391020	29 819	15 622	11 912	14 522	31 820	27 822	381021	391019	431019
1974	30 822	34 821	25 821	33 918	28 718	14 817	10 429	9 522	23 5 4	27 7 7	32 822	42 923	42 923
1975	40 921	411021	38 923	37 923	15 520	16 623	21 722	12 5 8	25 7 8	26 719	31 821	411118	411118
MAX	5811 9	511019	481017	491011	511210	361015	301017	31 915	351016	431111	621212	5310 8	

MAX Hmo(m): 6.2 MAX Tp(sec): 12. MAX Dp(deg): 119. DATE(gmt): 69110200

MAX WIND SPEED(m/sec): 24. MAX WIND DIRECTION(deg): 25. DATE(gmt): 62112700

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.25 N, LONG: 77.00 W, DEPTH: 27 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 45

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	159	160	246	298	130	150	179	286	152	222	333	243	2558
0.50 - 0.99	1435	1243	1457	1575	2367	2524	2724	3119	2689	1866	1726	1682	24407
1.00 - 1.49	1515	1257	1389	1434	1591	1564	1578	1185	1132	1336	1332	1252	16565
1.50 - 1.99	890	794	849	702	555	389	336	296	441	815	708	771	7546
2.00 - 2.49	481	468	502	386	198	118	128	57	238	426	328	456	3786
2.50 - 2.99	225	278	256	217	70	30	13	13	106	178	183	256	1825
3.00 - 3.49	143	163	149	117	23	17	2	4	36	75	93	184	1006
3.50 - 3.99	70	96	58	49	12	8	.	.	6	31	42	76	448
4.00 - 4.49	31	38	40	19	7	.	.	.	.	7	19	24	185
4.50 - 4.99	8	16	13	2	3	.	.	.	.	4	26	12	84
5.00 - 5.49	2	7	1	1	3	.	.	.	.	.	5	2	21
5.50 - 5.99	.	.	.	.	1	.	.	.	.	.	3	2	6
6.00 - 6.49	1	.	.	.	.	.	.	.	.	.	1	.	2
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	1	.	1
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 45

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	225	227	269	210	103	63	80	75	125	178	277	302	2134
4.0 - 4.9	975	884	988	903	730	673	615	672	670	786	1028	996	9920
5.0 - 5.9	1156	1015	1085	1048	1393	1282	1454	1260	1120	1053	1064	933	13863
6.0 - 6.9	790	727	874	827	897	1207	1065	1238	972	898	743	664	10902
7.0 - 7.9	433	513	629	600	842	871	1043	1037	809	893	543	567	8780
8.0 - 8.9	428	404	448	502	559	415	462	380	490	521	402	386	5397
9.0 - 9.9	357	293	282	330	271	186	169	139	326	227	248	425	3253
10.0 - 10.9	280	173	151	168	97	65	38	64	170	185	159	338	1888
11.0 - 11.9	147	125	114	112	30	32	8	46	86	105	139	184	1128
12.0 - 12.9	106	91	69	52	27	5	5	35	21	67	98	78	654
13.0 - 13.9	32	48	31	35	7	1	10	11	11	41	48	48	323
14.0 - 14.9	19	15	2	11	4	.	9	1	.	6	36	18	121
15.0 - 15.9	.	5	4	1	.	.	2	2	.	.	10	12	36
16.0 - 16.9	5	.	11	1	.	.	.	.	.	.	1	6	24
17.0 - 17.9	5	.	3	.	.	.	.	.	.	.	.	2	10
18.0 - 18.9	2	.	.	.	.	.	.	.	.	.	2	1	5
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	2	.	2
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 45

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	335	233	197	134	72	43	16	33	134	178	256	298	1929
11.25 - 33.74 (22.5)	212	137	129	94	74	37	33	71	212	277	222	162	1660
33.75 - 56.24 (45.0)	236	223	170	106	157	92	76	160	435	607	300	244	2806
56.25 - 78.74 (67.5)	230	240	207	166	201	155	83	157	402	454	259	230	2784
78.75 - 101.24 (90.0)	483	472	409	375	564	248	174	225	745	907	703	521	5826
101.25 - 123.74 (112.5)	770	311	493	552	1027	964	1454	1590	1490	1018	652	710	11031
123.75 - 146.24 (135.0)	240	318	330	376	585	1009	598	860	496	364	360	211	5747
146.25 - 168.74 (157.5)	178	249	265	313	338	378	167	235	212	179	199	253	2966
168.75 - 191.24 (180.0)	353	409	535	610	439	472	479	480	148	193	235	522	4875
191.25 - 213.74 (202.5)	262	257	442	394	455	453	567	368	97	94	256	266	3911
213.75 - 236.24 (225.0)	296	322	370	482	429	450	721	346	93	76	218	226	4029
236.25 - 258.74 (247.5)	216	250	273	399	320	303	449	274	113	118	177	242	3134
258.75 - 281.24 (270.0)	312	321	345	288	164	97	93	102	84	124	296	337	2563
281.25 - 303.74 (292.5)	242	277	332	175	57	40	25	24	37	113	234	259	1815
303.75 - 326.24 (315.0)	327	243	263	173	42	30	12	15	55	140	228	258	1786
326.25 - 348.74 (337.5)	268	258	200	163	36	29	13	20	47	118	205	221	1578
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.25 N LONG: 77.00 W DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 45 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1666	.	.	.	.	.	.	.	.	.	1666
1.00 - 1.99	1461	298	.	.	.	.	.	.	.	.	1759
2.00 - 2.99	.	90	.	.	.	.	.	.	.	.	90
3.00 - 3.99	.	.	1	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3127	388	1	0	0	0	0	0	0	0	3516

STATION: 45 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1058	237	12	.	.	.	.	.	.	.	1307
1.00 - 1.99	301	2714	23	.	.	.	.	.	.	.	3038
2.00 - 2.99	.	708	36	.	.	.	.	.	.	.	744
3.00 - 3.99	.	5	77	1	.	.	.	.	.	.	83
4.00 - 4.99	.	.	13	.	.	.	.	.	.	.	13
5.00 - 5.99	.	.	1	.	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1359	3664	162	1	0	0	0	0	0	0	5186

STATION: 45 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	694	1547	2014	1183	838	245	40	14	2	.	6577
1.00 - 1.99	89	2143	733	326	263	81	16	1	.	.	3652
2.00 - 2.99	.	137	461	68	41	10	.	.	.	.	717
3.00 - 3.99	.	.	110	61	16	1	.	.	.	.	188
4.00 - 4.99	.	.	.	24	13	22	2	.	.	.	61
5.00 - 5.99	.	.	.	1	8	1	.	.	.	.	10
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	783	3827	3318	1663	1180	360	58	15	2	0	11206

STATION: 45 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	561	2544	4988	1340	213	25	2	.	.	.	9673
1.00 - 1.99	84	1420	1185	755	214	41	.	.	.	.	3699
2.00 - 2.99	.	53	386	106	23	9	.	.	.	.	577
3.00 - 3.99	.	.	57	109	14	1	.	.	.	.	181
4.00 - 4.99	.	.	1	11	8	1	.	.	.	.	21
5.00 - 5.99	.	.	.	1	1	4	.	.	.	.	6
6.00 - 6.99	.	.	.	.	2	.	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	645	4017	6617	2322	475	81	2	0	0	0	14159

STATION: 45 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	924	1329	561	151	8	.	.	.	.	.	2973
1.00 - 1.99	135	2406	1031	272	27	.	.	.	.	.	3871
2.00 - 2.99	.	129	642	195	27	1	.	.	.	.	994
3.00 - 3.99	.	.	146	239	28	2	.	.	.	.	415
4.00 - 4.99	.	.	2	71	33	.	.	.	.	.	106
5.00 - 5.99	.	.	.	2	3	.	.	.	.	.	5
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1059	3864	2382	930	126	3	0	0	0	0	8364

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.25 N LONG: 77.00 W DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 45 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1562	813	35	.	.	.	.	.	.	.	2410
1.00 - 1.99	179	3452	205	.	.	.	.	.	.	.	3836
2.00 - 2.99	.	183	911	3	.	.	.	.	.	.	1097
3.00 - 3.99	.	.	174	176	.	.	.	.	.	.	350
4.00 - 4.99	.	.	3	41	1	.	.	.	.	.	45
5.00 - 5.99	.	.	.	5	.	.	.	.	.	.	5
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1741	4448	1328	225	1	0	0	0	0	0	7743

STATION: 45 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1127	186	.	.	.	.	.	.	.	.	1313
1.00 - 1.99	157	2063	1	.	.	.	.	.	.	.	2221
2.00 - 2.99	.	910	123	.	.	.	.	.	.	.	1033
3.00 - 3.99	.	7	222	.	.	.	.	.	.	.	229
4.00 - 4.99	.	.	23	.	.	.	.	.	.	.	23
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1284	3166	369	0	0	0	0	0	0	0	4819

STATION: 45 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1046	.	.	.	.	.	.	.	.	.	1046
1.00 - 1.99	1010	1025	.	.	.	.	.	.	.	.	2035
2.00 - 2.99	.	359	.	.	.	.	.	.	.	.	359
3.00 - 3.99	.	7	.	.	.	.	.	.	.	.	7
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2056	1391	0	0	0	0	0	0	0	0	3447

STATION: 45 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	8638	6656	7610	2674	1059	270	42	14	2	.	26965
1.00 - 1.99	3416	15521	3178	1353	504	122	16	1	.	.	24111
2.00 - 2.99	.	2569	2559	372	91	20	.	.	.	.	5611
3.00 - 3.99	.	19	787	586	58	4	.	.	.	.	1454
4.00 - 4.99	.	.	42	147	55	23	2	.	.	.	269
5.00 - 5.99	.	.	1	9	12	5	.	.	.	.	27
6.00 - 6.99	.	.	.	.	3	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	12054	24765	14177	5141	1782	444	60	15	2	0	58440

STATION: 45

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	107	60	94	130	155	166	273	374	317	162	151	142	2131
2.50 - 4.99	964	805	1021	1212	1797	2068	2109	2405	1970	1428	1290	1148	18217
5.00 - 7.49	1109	1066	1214	1284	1718	1654	1752	1521	1276	1262	1158	1218	16232
7.50 - 9.99	1428	1307	1462	1407	1060	801	780	627	891	1372	1290	1271	13696
10.00 - 12.49	722	632	626	491	168	83	43	32	250	455	495	568	4565
12.50 - 14.99	475	490	444	252	38	26	3	1	94	243	311	439	2816
15.00 - 17.49	85	98	59	18	12	2	.	.	2	38	39	112	465
17.50 - 19.99	59	58	27	6	12	.	.	.	.	.	55	61	278
20.00 - GREATER	11	4	13	.	.	.	.	.	.	.	11	1	40
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.25 N, LONG: 77.00 W, DEPTH: 27 M

STATION: 45

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	905	676	595	475	368	241	144	255	577	821	801	839	6697
22.50 - 67.49 (45.0)	645	635	482	371	619	506	356	626	1426	1518	804	687	8675
67.50 - 112.49 (90.0)	401	318	406	339	525	532	370	425	685	680	417	358	5456
112.50 - 157.49 (135.0)	259	293	411	412	438	441	366	394	408	285	388	281	4376
157.50 - 202.49 (180.0)	349	356	524	640	708	790	769	731	441	300	369	491	6468
202.50 - 247.49 (225.0)	714	728	898	1118	1217	1454	2116	1448	541	313	596	713	11856
247.50 - 292.49 (270.0)	772	715	818	890	741	609	670	808	398	466	674	839	8400
292.50 - 337.49 (315.0)	915	799	826	555	344	227	169	273	324	577	751	752	6512
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 45

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.39	1.38	1.38	1.44	1.07	1.17	1.12	0.86	0.99	1.66	1.26	1.32	1.25
1957	1.36	1.35	1.25	1.29	0.89	1.08	0.90	1.01	1.04	1.16	1.41	1.58	1.19
1958	1.57	1.67	1.29	1.59	1.14	1.06	0.98	1.02	1.05	1.41	1.12	1.36	1.27
1959	1.38	1.57	1.55	1.19	0.98	0.89	1.14	0.81	1.21	1.37	1.52	1.50	1.26
1960	1.32	1.77	1.60	1.29	1.33	1.14	1.09	0.91	1.21	0.94	1.05	1.20	1.23
1961	1.42	1.60	1.38	1.69	1.16	1.24	0.96	1.08	1.05	1.16	1.11	1.28	1.26
1962	1.57	1.33	1.53	1.44	0.92	1.00	1.02	0.99	0.98	1.16	1.95	1.67	1.30
1963	1.29	1.68	1.51	1.33	1.14	1.08	0.85	0.77	1.22	1.52	1.44	1.25	1.25
1964	1.76	1.54	1.47	1.29	1.24	0.95	1.02	1.02	1.36	1.42	1.37	1.39	1.32
1965	1.37	1.56	1.26	1.13	0.87	0.93	1.05	0.81	1.05	1.31	1.05	0.96	1.11
1966	1.53	1.53	1.30	1.08	1.14	1.05	1.09	0.89	1.07	1.12	1.35	1.17	1.19
1967	1.21	1.59	1.29	1.35	1.33	1.22	1.24	0.91	1.28	1.02	1.04	1.31	1.23
1968	1.30	1.06	1.41	0.75	0.83	0.82	0.64	0.63	0.60	0.97	1.06	1.39	0.95
1969	1.31	1.62	1.33	1.28	1.33	0.86	0.81	1.06	1.01	1.44	1.38	1.62	1.25
1970	1.33	1.46	1.41	1.37	1.00	1.10	1.01	1.02	0.80	1.62	1.28	1.25	1.22
1971	1.57	1.54	1.58	1.21	1.15	0.78	1.00	0.93	1.15	1.31	1.24	1.89	1.28
1972	1.35	1.55	1.27	1.27	1.47	1.18	1.07	0.87	0.90	1.31	1.28	1.22	1.23
1973	1.39	1.36	1.48	1.42	1.07	0.85	0.68	0.71	0.79	1.02	1.11	1.52	1.12
1974	1.18	1.18	1.17	1.17	0.80	0.69	0.53	0.56	0.85	0.92	0.96	1.21	0.93
1975	1.29	1.31	1.42	1.04	0.69	0.82	0.84	0.59	1.04	1.03	1.07	1.16	1.02
MEAN	1.39	1.48	1.39	1.28	1.08	1.00	0.95	0.87	1.03	1.24	1.25	1.36	

STATION: 45

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	29 632	42 922	41 924	411020	23 6 5	21 6 8	21 722	17 814	32 813	45 9 9	31 7 6	38 921	45 9 9
1957	42 924	351015	34 727	38 922	27 6 3	39 811	19 724	26 6 5	38 9 9	27 6 3	38 820	37 827	42 924
1958	39 914	501022	32 913	511012	24 721	19 625	23 725	21 618	26 917	35 910	28 725	39 7 2	511012
1959	521021	39 922	491017	27 822	29 721	24 722	26 818	18 622	36 912	30 723	36 923	39 923	521021
1960	40 919	48 922	491017	34 921	26 627	24 6 4	311017	16 623	361016	20 625	25 820	42 919	491017
1961	35 729	541022	39 922	44 917	30 819	24 718	18 622	22 817	27 6 5	23 626	25 628	34 921	541022
1962	451022	35 821	37 823	371018	17 5 6	25 626	26 627	321016	28 7 8	35 7 4	511210	461411	511210
1963	38 920	37 919	451121	36 920	24 821	28 7 7	23 625	23 723	34 8 8	40 910	41 826	5811 9	5811 9
1964	601210	40 920	431120	32 919	561210	26 812	23 820	26 821	28 810	471111	381016	32 918	601210
1965	381021	511018	31 818	36 922	17 622	21 723	18 623	16 623	29 7 7	37 8 8	30 822	28 821	511018
1966	451014	541019	39 922	32 922	21 717	38 914	21 723	20 5 4	32 811	25 6 4	40 922	37 920	541019
1967	40 921	401022	501119	32 922	421021	26 810	25 721	20 721	26 819	31 723	32 822	431018	501119
1968	40 9 9	35 7 3	48 828	25 721	20 716	17 616	12 525	16 5 6	13 5 4	24 814	42 920	501120	501120
1969	32 726	4110 9	431119	381019	32 919	19 716	17 619	30 822	24 817	38 8 9	671212	44 918	671212
1970	35 922	481017	38 8 9	451020	26 817	26 824	24 821	22 618	17 623	451013	451010	45 917	481017
1971	451022	531022	44 825	421012	33 918	14 624	25 821	29 916	29 6 3	35 8 8	30 822	551110	551110
1972	30 923	35 821	30 819	33 825	43 7 5	37 920	23 724	21 722	24 821	23 629	31 818	27 819	43 7 5
1973	36 914	39 7 3	451020	411021	30 919	17 622	11 911	15 525	32 921	29 823	42 920	411019	451020
1974	32 822	35 821	25 822	34 820	30 718	14 818	12 525	9 522	27 6 4	29 7 7	36 728	44 924	44 924
1975	41 826	431120	42 923	411023	14 519	19 625	21 723	15 525	25 8 8	27 719	33 822	441118	441118
MAX	601210	541019	501119	511012	561210	39 811	311017	321016	38 9 9	471111	671212	5811 9	

MAX Hmo(m): 6.7 MAX Tp(sec): 12. MAX Dp(deg): 122. DATE(gmt): 69110200

MAX WIND SPEED(m/sec): 24. MAX WIND DIRECTION(deg): 285. DATE(gmt): 68030112

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.50 N, LONG: 76.75 W, DEPTH: 20 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 46

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	189	209	299	368	184	207	252	397	207	280	356	281	3229
0.50 - 0.99	1619	1385	1648	1775	2598	2781	2990	3249	2868	2003	1816	1801	26533
1.00 - 1.49	1674	1371	1491	1458	1507	1375	1345	1070	1142	1553	1525	1369	16880
1.50 - 1.99	801	783	817	615	423	317	292	200	343	641	633	745	6610
2.00 - 2.49	334	366	379	286	155	75	73	33	163	277	237	411	2789
2.50 - 2.99	178	215	164	164	55	24	6	9	51	154	114	164	1298
3.00 - 3.49	105	112	104	92	22	18	2	2	24	31	46	107	665
3.50 - 3.99	39	53	43	34	8	3	.	.	2	12	28	55	277
4.00 - 4.49	13	17	13	6	3	.	.	.	.	6	10	16	84
4.50 - 4.99	5	9	2	2	4	.	.	.	.	3	10	5	40
5.00 - 5.49	2	.	.	.	1	.	.	.	.	.	20	6	29
5.50 - 5.99	1	.	.	.	.	.	.	.	.	.	5	.	6
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 46

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	271	320	354	336	217	176	180	216	226	255	348	366	3265
4.0 - 4.9	1289	1079	1238	1142	933	841	663	851	1058	1250	1275	1134	12753
5.0 - 5.9	882	757	840	682	980	986	1114	952	654	610	751	743	9951
6.0 - 6.9	435	453	535	583	745	1018	888	964	487	485	362	342	7297
7.0 - 7.9	325	381	553	581	617	812	923	990	718	705	419	410	7434
8.0 - 8.9	361	398	472	479	725	521	667	525	647	611	475	343	6224
9.0 - 9.9	478	367	365	454	448	272	378	259	518	443	384	504	4870
10.0 - 10.9	346	242	215	219	167	113	95	88	280	277	252	504	2798
11.0 - 11.9	270	196	192	148	55	48	19	56	127	163	178	290	1742
12.0 - 12.9	158	147	91	82	37	13	8	37	61	78	143	139	994
13.0 - 13.9	71	109	57	54	19	.	6	14	20	65	107	93	615
14.0 - 14.9	38	46	16	27	14	.	12	5	4	17	64	51	294
15.0 - 15.9	12	21	8	10	3	.	7	.	.	1	27	19	108
16.0 - 16.9	10	2	15	3	.	.	.	3	.	.	7	15	55
17.0 - 17.9	7	2	9	.	.	.	.	.	.	.	4	7	29
18.0 - 18.9	5	.	.	.	.	.	.	.	.	.	1	.	6
19.0 - 19.9	2	.	.	.	.	.	.	.	.	.	3	.	5
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 46

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	370	257	242	169	73	58	24	41	153	193	259	309	2148
11.25 - 33.74 (22.5)	272	169	149	130	105	43	46	98	282	351	281	192	2118
33.75 - 56.24 (45.0)	174	188	156	87	119	97	69	156	335	447	199	199	2226
56.25 - 78.74 (67.5)	137	150	115	110	139	114	59	95	241	231	138	125	1654
78.75 - 101.24 (90.0)	623	630	482	438	610	258	227	190	930	1121	994	809	7312
101.25 - 123.74 (112.5)	833	343	544	580	1026	852	1376	1454	1425	1031	612	757	10833
123.75 - 146.24 (135.0)	299	334	357	391	633	1052	756	1018	579	459	360	201	6439
146.25 - 168.74 (157.5)	189	283	315	313	384	463	196	305	221	203	228	294	3394
168.75 - 191.24 (180.0)	433	523	693	743	557	574	536	581	161	245	320	557	5923
191.25 - 213.74 (202.5)	369	338	520	540	516	533	660	370	99	107	324	300	4676
213.75 - 236.24 (225.0)	233	287	330	456	387	410	639	338	113	77	178	223	3671
236.25 - 258.74 (247.5)	77	112	115	183	170	194	250	173	57	76	99	96	1602
258.75 - 281.24 (270.0)	167	175	167	165	108	75	76	80	69	69	156	212	1519
281.25 - 303.74 (292.5)	177	193	263	157	51	27	21	20	27	91	194	213	1434
303.75 - 326.24 (315.0)	262	261	274	147	43	27	12	16	56	119	221	240	1678
326.25 - 348.74 (337.5)	345	277	238	191	39	23	13	25	52	140	237	233	1813
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.50 N, LONG: 76.75 W, DEPTH: 20 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 46 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2035	.	.	.	.	.	.	.	.	.	2035
1.00 - 1.99	1543	415	.	.	.	.	.	.	.	.	1958
2.00 - 2.99	.	83	.	.	.	.	.	.	.	.	83
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3578	498	0	0	0	0	0	0	0	0	4076

STATION: 46 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1363	28	1	.	.	.	.	.	.	.	1392
1.00 - 1.99	1985	788	5	.	.	.	.	.	.	.	2778
2.00 - 2.99	.	102	.	.	.	.	.	.	.	.	102
3.00 - 3.99	.	.	1	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3348	918	7	0	0	0	0	0	0	0	4273

STATION: 46 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	810	957	1867	1892	1230	527	108	28	5	.	7424
1.00 - 1.99	212	1613	801	723	591	231	42	4	.	.	4217
2.00 - 2.99	.	85	270	277	114	47	8	3	.	.	804
3.00 - 3.99	.	.	30	53	55	1	.	.	.	.	139
4.00 - 4.99	.	.	.	7	17	16	.	.	.	.	40
5.00 - 5.99	.	.	.	.	6	16	5	.	.	.	27
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1022	2655	2968	2952	2013	838	163	35	5	0	12651

STATION: 46 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	585	2122	5204	1991	243	22	.	.	.	.	10167
1.00 - 1.99	76	1210	955	938	205	28	.	.	.	.	3412
2.00 - 2.99	.	39	294	143	55	7	.	.	.	.	538
3.00 - 3.99	.	.	42	104	19	1	.	.	.	.	166
4.00 - 4.99	.	.	.	9	9	1	.	.	.	.	19
5.00 - 5.99	.	.	.	.	2	6	.	.	.	.	8
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	661	3371	6495	3185	533	65	0	0	0	0	14310

STATION: 46 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1073	1780	834	245	16	.	.	.	.	.	3948
1.00 - 1.99	152	2489	1243	538	58	.	.	.	.	.	4480
2.00 - 2.99	.	148	764	301	50	1	.	.	.	.	1264
3.00 - 3.99	.	.	127	262	44	5	.	.	.	.	438
400 - 4.99	.	.	.	35	19	.	.	.	.	.	54
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1225	4417	2968	1381	187	6	0	0	0	0	10184

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.50 N, LONG: 76.75 W, DEPTH: 20 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 46 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1609	708	53	.	.	.	.	.	.	.	2370
1.00 - 1.99	272	2809	400	6	.	.	.	.	.	.	3487
2.00 - 2.99	.	146	671	39	.	.	.	.	.	.	856
3.00 - 3.99	.	.	92	97	1	.	.	.	.	.	190
4.00 - 4.99	.	.	1	8	2	.	.	.	.	.	11
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1881	3663	1217	150	3	0	0	0	0	0	6914

STATION: 46 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1514	.	.	.	.	.	.	.	.	.	1514
1.00 - 1.99	887	230	.	.	.	.	.	.	.	.	1117
2.00 - 2.99	.	132	3	.	.	.	.	.	.	.	135
3.00 - 3.99	.	2	.	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2401	364	3	0	0	0	0	0	0	0	2768

STATION: 46 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	912	.	.	.	.	.	.	.	.	.	912
1.00 - 1.99	990	1051	.	.	.	.	.	.	.	.	2041
2.00 - 2.99	.	305	.	.	.	.	.	.	.	.	305
3.00 - 3.99	.	6	.	.	.	.	.	.	.	.	6
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1902	1362	0	0	0	0	0	0	0	0	3264

STATION: 46 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	9901	5595	7959	4128	1489	549	108	28	5	.	29762
1.00 - 1.99	6117	10605	3404	2205	854	259	42	4	.	.	23490
2.00 - 2.99	.	1040	2002	760	219	55	8	3	.	.	4087
3.00 - 3.99	.	8	292	516	119	7	.	.	.	.	942
4.00 - 4.99	.	.	1	59	47	17	.	.	.	.	124
5.00 - 5.99	.	.	.	.	8	22	5	.	.	.	35
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16018	17248	13658	7668	2736	909	163	35	5	0	58440

STATION: 46

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	107	62	99	136	167	179	285	390	326	165	146	147	2209
2.50 - 4.99	946	796	1033	1209	1780	2090	2138	2393	1992	1434	1297	1142	18250
5.00 - 7.49	1128	1081	1217	1282	1708	1658	1724	1534	1268	1280	1161	1207	16248
7.50 - 9.99	1408	1315	1470	1386	1073	763	773	619	887	1348	1298	1272	13612
10.00 - 12.49	743	636	617	511	172	80	39	23	240	472	484	574	4591
12.50 - 14.99	462	465	423	251	38	29	1	1	84	227	321	449	2751
15.00 - 17.49	91	100	66	19	12	1	.	.	3	34	27	107	460
17.50 - 19.99	64	60	24	6	10	.	.	.	.	.	54	62	280
20.00 - GREATER	11	5	11	.	.	.	.	.	.	.	12	.	39
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.50 N, LONG: 76.75 W, DEPTH: 20 M

STATION: 46

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	960	697	620	485	383	268	178	283	617	840	810	857	6998
22.50 - 67.49 (45.0)	664	657	492	385	666	557	374	660	1419	1532	805	676	8887
67.50 - 112.49 (90.0)	365	293	405	332	498	485	347	390	652	650	404	346	5167
112.50 - 157.49 (135.0)	240	274	392	378	420	401	341	365	403	279	352	262	4107
157.50 - 202.49 (180.0)	353	351	506	630	693	792	736	694	418	290	395	484	6342
202.50 - 247.49 (225.0)	729	751	907	1135	1228	1483	2139	1487	597	340	605	738	12139
247.50 - 292.49 (270.0)	754	712	815	908	761	600	688	818	388	482	660	842	8428
292.50 - 337.49 (315.0)	895	785	823	547	311	214	157	263	306	547	769	755	6372
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 46

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.42	1.26	1.27	1.31	0.97	1.10	1.04	0.82	0.92	1.54	1.16	1.19	1.17
1957	1.23	1.24	1.09	1.21	0.84	1.05	0.83	0.89	1.00	1.05	1.28	1.48	1.10
1958	1.39	1.51	1.16	1.51	1.06	0.99	0.92	0.97	0.96	1.36	1.02	1.24	1.17
1959	1.29	1.41	1.41	1.13	0.92	0.80	1.07	0.75	1.06	1.27	1.36	1.31	1.15
1960	1.22	1.60	1.44	1.16	1.21	1.07	1.01	0.85	1.07	0.87	0.95	1.13	1.13
1961	1.27	1.45	1.24	1.46	1.11	1.17	0.89	1.01	0.96	1.07	1.07	1.14	1.15
1962	1.40	1.24	1.40	1.31	0.86	0.94	0.94	0.92	0.91	1.05	1.86	1.60	1.20
1963	1.20	1.48	1.37	1.19	1.04	0.97	0.76	0.72	1.08	1.37	1.27	1.12	1.13
1964	1.55	1.33	1.35	1.20	1.11	0.87	0.96	0.95	1.22	1.24	1.23	1.33	1.19
1965	1.26	1.40	1.12	1.01	0.79	0.86	0.99	0.74	0.94	1.18	0.98	0.88	1.01
1966	1.41	1.39	1.18	0.98	1.08	0.98	1.01	0.84	0.98	1.01	1.21	1.08	1.09
1967	1.13	1.42	1.16	1.23	1.21	1.13	1.18	0.86	1.14	0.94	0.98	1.24	1.13
1968	1.22	0.98	1.24	0.74	0.79	0.78	0.60	0.57	0.57	0.93	0.97	1.24	0.89
1969	1.21	1.50	1.21	1.20	1.25	0.82	0.74	0.99	0.92	1.26	1.35	1.48	1.16
1970	1.23	1.34	1.28	1.31	0.96	1.05	0.97	0.94	0.76	1.52	1.22	1.15	1.14
1971	1.38	1.42	1.39	1.08	1.07	0.73	0.97	0.89	1.07	1.21	1.11	1.72	1.17
1972	1.25	1.34	1.15	1.18	1.40	1.08	0.98	0.81	0.83	1.16	1.14	1.12	1.12
1973	1.24	1.24	1.35	1.27	1.02	0.81	0.66	0.68	0.74	0.90	1.01	1.38	1.02
1974	1.05	1.08	1.07	1.08	0.75	0.65	0.49	0.53	0.76	0.82	0.90	1.11	0.86
1975	1.15	1.16	1.31	0.99	0.63	0.76	0.81	0.52	0.99	0.96	1.02	1.14	0.95
MEAN	1.27	1.34	1.26	1.18	1.00	0.93	0.89	0.81	0.94	1.13	1.15	1.25	

STATION: 46

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	31 633	39 921	391021	381020	18 5 4	19 6 9	21 721	16 914	30 813	471110	29 724	35 822	471110
1957	381021	33 916	25 721	36 921	22 5 3	35 811	19 723	20 620	36 9 9	22 5 3	34 819	34 919	381021
1958	36 916	441020	28 812	461113	24 721	17 621	22 724	20 618	23 917	321012	24 720	3911 9	461113
1959	481021	38 921	461017	26 822	27 720	21 722	26 819	17 621	35 913	28 722	34 921	341020	481021
1960	37 919	43 921	45 917	30 920	2511 9	19 5 3	30 724	15 622	341016	17 621	24 819	37 919	45 917
1961	31 818	481021	35 823	41 916	28 818	23 718	17 623	20 717	271112	19 534	24 716	32 822	481021
1962	411119	33 819	33 821	351018	17 621	22 625	23 721	301016	25 9 9	3012 9	5315 9	511310	5315 9
1963	35 821	3411 9	411120	34 919	23 821	281012	17 624	22 621	30 9 9	34 912	35 821	541110	541110
1964	591211	37 921	401021	32 919	501211	23 7 9	22 720	24 820	25 816	461012	37 919	30 918	591211
1965	36 920	461019	32 818	32 921	17 622	19 722	19 721	16 623	25 9 9	361110	28 821	26 820	461019
1966	441014	481018	371017	30 821	21 717	351016	20 623	171113	30 811	22 720	36 823	35 919	481018
1967	37 920	381121	441119	32 921	391020	26 810	24 822	19 720	24 818	28 721	30 821	391018	441119
1968	36 8 9	30 634	421018	26 720	20 714	17 621	12 518	13 4 4	10 4 4	21 716	39 919	441119	441119
1969	31 821	36 9 9	381119	361019	30 919	19 616	17 619	26 821	24 917	32 7 9	581313	42 918	581313
1970	34 821	451017	33 812	401019	25 818	25 725	23 722	20 617	17 623	39 913	411012	42 917	451017
1971	421021	481020	41 825	39 912	31 918	14 621	26 821	30 915	301110	31 7 8	28 815	491111	491111
1972	28 922	32 819	28 818	32 821	4412 9	351016	22 724	20 721	22 722	23 723	29 818	26 819	4412 9
1973	35 815	361017	421019	381019	30 818	19 622	12 910	15 523	31 819	28 821	39 920	371018	421019
1974	30 822	33 820	26 821	33 819	28 718	14 817	9 423	9 522	21 5 3	25 9 9	29 821	411021	411021
1975	37 921	391021	38 917	381022	13 531	17 611	21 723	11 4 5	24 7 8	27 718	32 821	411117	411117
MAX	591211	481020	461017	461113	501211	351016	30 724	30 915	36 9 9	471110	581313	541110	

MAX Hmo(m): 5.9 MAX Tp(sec): 12. MAX Dp(deg): 108. DATE(gmt): 64010100

MAX WIND SPEED(m/sec): 24. MAX WIND DIRECTION(deg): 285. DATE(gmt): 68030112

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.50 N LONG: 76.50 W DEPTH: 9 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 47

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	126	149	222	286	125	159	196	350	138	214	274	192	2431
0.50 - 0.99	1416	1209	1462	1595	2402	2654	2833	3122	2725	1862	1660	1617	24557
1.00 - 1.49	1726	1427	1591	1610	1708	1526	1557	1234	1198	1491	1591	1464	18123
1.50 - 1.99	970	888	947	716	465	342	339	212	438	800	749	864	7730
2.00 - 2.49	392	437	414	374	181	80	29	32	188	363	298	459	3247
2.50 - 2.99	184	233	209	146	47	20	5	6	91	139	115	216	1411
3.00 - 3.49	99	102	78	59	9	17	1	4	19	54	63	89	594
3.50 - 3.99	32	52	34	12	15	2	.	.	3	31	8	24	213
4.00 - 4.49	9	22	3	2	6	.	.	.	.	6	3	20	71
4.50 - 4.99	4	1	.	.	1	.	.	.	.	.	4	7	17
5.00 - 5.49	2	.	.	.	1	.	.	.	.	.	14	2	19
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	21	6	27
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 47

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	183	170	232	201	93	54	98	90	125	158	249	216	1869
4.0 - 4.9	976	878	1005	952	808	775	652	855	712	839	993	949	10394
5.0 - 5.9	1078	858	975	886	1129	1094	1158	1084	828	840	928	852	11710
6.0 - 6.9	504	493	565	564	724	1032	857	957	592	623	459	422	7792
7.0 - 7.9	319	393	541	537	692	846	980	977	765	727	418	363	7558
8.0 - 8.9	393	444	548	559	736	566	698	562	669	686	489	430	6780
9.0 - 9.9	523	438	393	507	473	254	372	235	560	482	420	552	5209
10.0 - 10.9	396	287	301	261	176	125	88	89	311	287	278	545	3144
11.0 - 11.9	282	232	194	152	57	49	26	58	163	150	204	320	1887
12.0 - 12.9	173	157	99	82	37	5	5	28	55	91	167	139	1038
13.0 - 13.9	63	109	61	66	19	.	8	16	17	63	102	98	622
14.0 - 14.9	36	41	15	25	11	.	12	6	3	11	58	40	258
15.0 - 15.9	12	20	8	8	5	.	6	2	.	3	24	19	107
16.0 - 16.9	10	.	16	.	.	.	.	1	.	.	4	10	41
17.0 - 17.9	8	.	6	.	.	.	.	.	.	.	3	3	20
18.0 - 18.9	2	.	1	.	.	.	.	.	.	.	2	2	7
19.0 - 19.9	2	.	.	.	.	.	.	.	.	.	2	.	4
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 47

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	295	198	195	150	59	44	24	31	129	168	245	263	1801
11.25 - 33.74 (22.5)	199	115	110	94	69	24	44	83	180	233	214	157	1522
33.75 - 56.24 (45.0)	216	186	164	116	126	101	66	156	363	474	237	206	2411
56.25 - 78.74 (67.5)	255	281	260	230	235	167	83	170	480	499	268	229	3157
78.75 - 101.24 (90.0)	670	650	478	444	694	282	237	255	1039	1165	985	864	7763
101.25 - 123.74 (112.5)	680	250	431	453	795	708	1169	1145	1148	801	504	610	8694
123.75 - 146.24 (135.0)	273	304	297	336	645	981	844	1066	558	437	314	181	6236
146.25 - 168.74 (157.5)	206	253	309	312	359	517	173	329	237	200	245	248	3388
168.75 - 191.24 (180.0)	467	620	753	790	576	591	518	555	181	253	334	631	6269
191.25 - 213.74 (202.5)	404	408	602	584	553	633	778	498	110	126	379	404	5479
213.75 - 236.24 (225.0)	218	235	294	426	383	422	630	323	114	66	174	195	3480
236.25 - 258.74 (247.5)	89	147	119	198	203	174	242	195	68	96	107	120	1758
258.75 - 281.24 (270.0)	204	167	201	187	147	86	113	94	67	100	172	209	1747
281.25 - 303.74 (292.5)	204	225	283	164	56	26	18	19	30	101	208	204	1538
303.75 - 326.24 (315.0)	290	239	273	149	31	25	10	15	47	128	231	221	1659
326.25 - 348.74 (337.5)	290	242	191	167	29	19	11	26	49	113	183	218	1538
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.50 N, LONG: 76.50 W, DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 47 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1520	.	.	.	.	.	.	.	.	.	1520
1.00 - 1.99	1474	252	.	.	.	.	.	.	.	.	1726
2.00 - 2.99	.	42	.	.	.	.	.	.	.	.	42
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2994	294	0	0	0	0	0	0	0	0	3288

STATION: 47 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1077	171	46	27	.	.	.	.	.	.	1321
1.00 - 1.99	307	2599	28	2	.	.	.	.	.	.	2936
2.00 - 2.99	.	210	173	.	.	.	.	.	.	.	383
3.00 - 3.99	.	.	5	.	.	.	.	.	.	.	5
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1384	2980	252	29	0	0	0	0	0	0	4645

STATION: 47 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	645	1193	1997	1829	1135	405	83	22	4	.	7313
1.00 - 1.99	51	1749	1050	839	716	288	37	1	.	.	4731
2.00 - 2.99	.	49	316	304	97	54	17	4	.	.	841
3.00 - 3.99	.	.	7	124	64	2	.	.	.	.	197
4.00 - 4.99	.	.	.	4	37	2	.	.	.	.	43
5.00 - 5.99	.	.	.	.	5	30	6	.	.	.	41
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	696	2991	3370	3100	2054	781	143	27	4	0	13166

STATION: 47 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	526	1656	4729	1733	233	33	4	.	.	.	8914
1.00 - 1.99	69	1008	1105	991	255	40	1	.	.	.	3469
2.00 - 2.99	.	9	239	216	52	11	.	.	.	.	527
3.00 - 3.99	.	.	3	80	29	.	.	.	.	.	112
4.00 - 4.99	.	.	.	3	12	2	.	.	.	.	17
5.00 - 5.99	.	.	.	.	1	4	.	.	.	.	5
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	595	2673	6076	3023	582	90	5	0	0	0	13044

STATION: 47 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	952	1638	811	254	13	.	.	.	.	.	3668
1.00 - 1.99	125	2532	1778	536	52	1	.	.	.	.	5024
2.00 - 2.99	.	33	758	897	71	2	.	.	.	.	1761
3.00 - 3.99	.	.	10	283	124	2	.	.	.	.	419
4.00 - 4.99	.	.	.	6	18	4	.	.	.	.	28
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1077	4203	3357	1976	278	9	0	0	0	0	10900

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.50 N LONG: 76.50 W DEPTH: 9 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 47 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1593	697	20	.	.	.	.	.	.	.	2310
1.00 - 1.99	143	2937	629	1	.	.	.	.	.	.	3710
2.00 - 2.99	.	49	625	167	1	.	.	.	.	.	842
3.00 - 3.99	.	.	6	57	10	.	.	.	.	.	73
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1736	3683	1280	225	11	0	0	0	0	0	6935

STATION: 47 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1081	.	.	.	.	.	.	.	.	.	1081
1.00 - 1.99	806	1263	.	.	.	.	.	.	.	.	2069
2.00 - 2.99	.	127	2	.	.	.	.	.	.	.	129
3.00 - 3.99	.	.	1	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1887	1390	3	0	0	0	0	0	0	0	3280

STATION: 47 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	861	.	.	.	.	.	.	.	.	.	861
1.00 - 1.99	1033	1155	.	.	.	.	.	.	.	.	2188
2.00 - 2.99	.	133	.	.	.	.	.	.	.	.	133
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1894	1288	0	0	0	0	0	0	0	0	3182

STATION: 47 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	8255	5355	7603	3843	1381	438	87	22	4	.	26988
1.00 - 1.99	4008	13495	4590	2369	1023	329	38	1	.	.	25853
2.00 - 2.99	.	652	2113	1584	221	67	17	4	.	.	4658
3.00 - 3.99	.	.	32	544	227	4	.	.	.	.	807
4.00 - 4.99	.	.	.	13	67	8	.	.	.	.	88
5.00 - 5.99	.	.	.	.	6	34	6	.	.	.	46
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	12263	19502	14338	8353	2925	880	148	27	4	0	58440

STATION: 47

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	102	66	93	126	156	177	264	368	313	150	132	134	2081
2.50 - 4.99	925	763	1015	1182	1749	2065	2119	2380	1979	1432	1250	1109	17968
5.00 - 7.49	1110	1053	1209	1295	1744	1675	1739	1563	1300	1288	1186	1210	16372
7.50 - 9.99	1448	1364	1483	1408	1077	780	797	626	886	1365	1323	1299	13856
10.00 - 12.49	739	648	626	526	174	72	38	22	239	486	487	586	4643
12.50 - 14.99	465	459	434	242	37	30	3	1	79	210	330	449	2739
15.00 - 17.49	97	102	64	16	15	1	.	.	4	29	28	115	471
17.50 - 19.99	63	59	25	5	8	.	.	.	.	.	53	58	271
20.00 - GREATER	11	6	11								11		39
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.50 N, LONG: 76.50 W, DEPTH: 9 M

STATION: 47

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	980	714	632	508	398	267	194	295	646	881	818	855	7188
22.50 - 67.49 (45.0)	644	657	498	380	658	566	365	632	1388	1489	792	680	8749
67.50 - 112.49 (90.0)	344	282	392	325	488	458	331	386	635	643	388	322	4994
112.50 - 157.49 (135.0)	238	259	365	341	405	385	339	353	403	273	344	260	3965
157.50 - 202.49 (180.0)	346	354	514	640	699	818	737	727	436	308	396	493	6468
202.50 - 247.49 (225.0)	734	755	908	1157	1268	1505	2161	1481	616	349	625	747	12306
247.50 - 292.49 (270.0)	757	710	822	882	726	586	681	811	376	481	665	845	8342
292.50 - 337.49 (315.0)	917	789	829	567	318	215	152	275	300	536	772	758	6428
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 47

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.43	1.28	1.29	1.33	1.02	1.13	1.06	0.88	0.97	1.68	1.23	1.25	1.21
1957	1.28	1.29	1.17	1.22	0.87	1.06	0.87	0.96	1.01	1.14	1.32	1.55	1.14
1958	1.44	1.52	1.21	1.52	1.10	1.04	0.94	1.01	1.00	1.47	1.06	1.31	1.22
1959	1.31	1.45	1.44	1.15	0.92	0.85	1.05	0.79	1.13	1.26	1.42	1.39	1.18
1960	1.24	1.64	1.46	1.21	1.30	1.10	1.03	0.88	1.16	0.91	1.01	1.19	1.18
1961	1.33	1.49	1.26	1.50	1.12	1.18	0.92	1.02	1.05	1.12	1.09	1.18	1.19
1962	1.48	1.26	1.47	1.35	0.92	0.98	0.97	0.96	0.95	1.14	1.99	1.74	1.27
1963	1.24	1.61	1.37	1.21	1.10	1.01	0.81	0.74	1.15	1.49	1.33	1.16	1.18
1964	1.62	1.40	1.36	1.20	1.18	0.89	0.97	0.96	1.30	1.28	1.25	1.35	1.23
1965	1.31	1.46	1.16	1.05	0.84	0.89	1.00	0.77	1.03	1.24	1.04	0.94	1.06
1966	1.46	1.42	1.25	1.02	1.10	1.01	1.03	0.87	1.00	1.08	1.36	1.16	1.14
1967	1.17	1.50	1.22	1.26	1.23	1.15	1.16	0.86	1.21	0.99	1.03	1.27	1.17
1968	1.31	1.10	1.30	0.80	0.82	0.79	0.61	0.59	0.62	0.95	1.00	1.29	0.93
1969	1.26	1.59	1.25	1.22	1.25	0.82	0.78	1.00	0.98	1.38	1.36	1.52	1.20
1970	1.23	1.44	1.32	1.35	1.01	1.08	0.96	0.97	0.77	1.55	1.28	1.18	1.18
1971	1.44	1.45	1.45	1.12	1.09	0.76	0.99	0.93	1.18	1.25	1.16	1.75	1.21
1972	1.28	1.45	1.19	1.20	1.46	1.09	0.99	0.85	0.90	1.31	1.21	1.19	1.17
1973	1.33	1.29	1.37	1.32	1.03	0.83	0.69	0.70	0.78	0.98	1.02	1.42	1.06
1974	1.09	1.12	1.11	1.08	0.80	0.69	0.52	0.55	0.82	0.93	0.96	1.17	0.90
1975	1.25	1.21	1.35	1.00	0.68	0.79	0.85	0.55	1.01	0.99	1.08	1.23	1.00
MEAN	1.32	1.40	1.30	1.20	1.04	0.96	0.91	0.84	1.00	1.21	1.21	1.31	

STATION: 47

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	281510	341020	321121	381018	21 6 7	20 6 7	18 721	17 816	28 917	4411 9	3110 8	32 921	4411 9
1957	321022	29 916	28 920	331020	25 7 6	331013	18 723	24 7 6	2810 9	2710 8	29 919	29 920	331013
1958	33 916	391021	26 7 8	391014	23 819	171111	19 823	20 814	26 917	361012	24 820	4511 8	4511 8
1959	421119	32 921	431017	23 818	24 819	21 820	22 819	16 621	30 915	24 722	321021	30 919	431017
1960	371010	441020	391118	28 920	261210	22 6 3	30 918	15 5 3	371017	17 529	22 820	35 919	441020
1961	30 917	411119	29 921	351017	26 914	19 721	15 623	20 817	281111	221014	22 818	28 921	411119
1962	381119	29 919	30 919	331018	16 6 6	24 723	24 724	321017	30 9 8	3612 8	5713 9	5713 9	5713 9
1963	30 919	3911 9	351119	29 823	24 919	301012	20 722	19 821	32 9 8	3811 9	351019	481110	481110
1964	511213	35 918	371119	26 921	421211	21 811	21 819	21 821	27 817	361112	341017	27 818	511213
1965	321021	421118	28 819	27 920	16 525	18 723	17 721	14 623	28 9 8	4111 9	25 821	22 821	421118
1966	441015	451119	351117	26 921	19 717	361017	17 723	211115	23 811	25 9 7	3410 8	30 920	451119
1967	361021	321121	381119	27 922	351020	22 811	21 819	18 720	24 918	24 725	25 821	361017	381119
1968	371113	3710 7	401018	23 818	22 814	15 622	11 618	15 5 4	1211 8	20 717	34 920	411119	411119
1969	26 822	3610 9	371119	311019	261019	16 716	15 619	22 821	25 817	28 910	571313	361018	571313
1970	32 917	441317	331016	34 918	24 917	22 823	20 821	18 718	15 722	3611 8	321013	361017	441317
1971	371021	421119	381118	431116	29 919	13 523	22 920	31 916	341210	31 9 8	25 919	431110	431110
1972	25 923	29 919	26 819	26 922	5012 9	341017	19 724	19 722	21 720	20 823	25 818	23 819	5012 9
1973	30 919	4012 8	361119	341020	26 919	16 722	13 910	14 619	27 921	23 920	331019	351019	4012 8
1974	26 921	28 920	23 921	29 919	24 718	15 818	11 426	10 522	27 9 7	29 7 7	30 920	341016	341016
1975	35 921	341120	331021	321022	12 519	1612 7	18 822	12 524	20 7 8	22 6 3	28 821	381018	381018
MAX	511213	451119	431017	431116	5012 9	361017	30 918	321017	371017	4411 9	571313	5713 9	

MAX Hmo(m): 5.7 MAX Tp(sec): 13. MAX Dp(deg): 133. DATE(gmt): 69110215

MAX WIND SPEED(m/sec): 24. MAX WIND DIRECTION(deg): 285. DATE(gmt): 68030112

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.75 N, LONG: 76.25 W, DEPTH: 22 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 48

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	191	194	273	347	155	195	236	362	191	245	352	284	3025
0.50 - 0.99	1604	1422	1652	1774	2615	2785	3015	3288	2851	2041	1823	1758	26628
1.00 - 1.49	1738	1367	1558	1513	1486	1358	1296	1046	1145	1500	1528	1467	17002
1.50 - 1.99	768	789	814	577	449	333	336	221	378	673	618	714	6670
2.00 - 2.49	318	355	323	278	150	85	67	31	158	280	226	394	2665
2.50 - 2.99	189	223	191	180	60	27	8	11	63	160	117	156	1385
3.00 - 3.49	77	96	82	81	28	14	2	1	13	37	57	111	599
3.50 - 3.99	50	48	48	38	6	3	.	.	1	17	39	48	298
4.00 - 4.49	19	15	17	5	6	.	.	.	.	5	15	13	95
4.50 - 4.99	4	10	2	7	5	.	.	.	.	2	11	14	55
5.00 - 5.49	1	1	.	.	.	.	.	.	.	.	9	1	12
5.50 - 5.99	1	.	.	.	.	.	.	.	.	.	5	.	6
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 48

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	344	357	402	389	229	169	203	203	213	272	425	395	3601
4.0 - 4.9	1391	1159	1355	1230	927	763	669	807	950	1142	1363	1258	13014
5.0 - 5.9	1033	953	1020	827	1087	1097	1169	985	843	827	872	872	11585
6.0 - 6.9	474	552	602	577	768	1120	937	1053	742	704	440	453	8422
7.0 - 7.9	304	352	499	540	706	846	988	1071	780	772	473	402	7733
8.0 - 8.9	386	358	426	486	692	491	610	469	560	540	436	325	5779
9.0 - 9.9	389	290	306	374	373	190	288	205	416	331	290	446	3898
10.0 - 10.9	307	197	161	191	103	86	65	72	212	181	212	429	2216
11.0 - 11.9	166	146	120	94	39	35	12	49	67	95	117	221	1161
12.0 - 12.9	95	100	41	48	21	3	2	29	15	49	71	87	561
13.0 - 13.9	32	40	8	36	14	.	4	12	2	41	56	37	282
14.0 - 14.9	27	15	3	6	1	.	8	2	.	6	24	15	107
15.0 - 15.9	6	1	3	1	.	.	5	3	.	.	14	9	42
16.0 - 16.9	1	.	7	1	.	.	.	.	.	.	5	6	20
17.0 - 17.9	3	.	4	.	.	.	.	.	.	.	1	5	13
18.0 - 18.9	1	.	3	.	.	.	.	.	.	.	.	.	4
19.0 - 19.9	1	.	.	.	.	.	.	.	.	.	1	.	2
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 48

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	453	307	306	209	83	57	44	44	193	237	333	349	2615
11.25 - 33.74 (22.5)	274	189	156	120	121	47	60	100	240	323	283	215	2128
33.75 - 56.24 (45.0)	179	181	169	97	125	78	58	132	294	370	193	185	2061
56.25 - 78.74 (67.5)	207	241	230	231	201	159	73	125	366	461	244	196	2734
78.75 - 101.24 (90.0)	450	441	293	243	516	240	164	194	714	907	697	568	5427
101.25 - 123.74 (112.5)	858	370	578	631	1194	1169	1805	1887	1671	1163	692	796	12814
123.75 - 146.24 (135.0)	246	349	338	377	585	870	466	746	511	372	365	247	5472
146.25 - 168.74 (157.5)	157	257	268	333	312	383	153	215	168	158	204	265	2873
168.75 - 191.24 (180.0)	276	311	461	462	385	420	380	382	110	166	213	362	3928
191.25 - 213.74 (202.5)	282	313	487	498	526	559	685	408	105	120	281	305	4569
213.75 - 236.24 (225.0)	300	308	403	506	428	458	667	408	125	97	233	264	4197
236.25 - 258.74 (247.5)	123	174	131	271	209	192	267	174	77	95	126	138	1977
258.75 - 281.24 (270.0)	241	210	255	243	124	80	86	71	68	104	201	259	1942
281.25 - 303.74 (292.5)	212	244	304	188	57	33	26	27	37	94	223	254	1699
303.75 - 326.24 (315.0)	301	306	296	180	57	26	14	16	57	141	244	267	1905
326.25 - 348.74 (337.5)	401	319	285	211	37	29	12	31	64	152	268	290	2099
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.75 N LONG: 76.25 W DEPTH: 22 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 48 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2291	.	.	.	.	.	.	.	.	.	2291
1.00 - 1.99	1853	495	.	.	.	.	.	.	.	.	2348
2.00 - 2.99	.	97	.	.	.	.	.	.	.	.	97
3.00 - 3.99	.	.	1	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4144	592	1	0	0	0	0	0	0	0	4737

STATION: 48 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1373	97	21	22	8	.	.	.	.	.	1521
1.00 - 1.99	1246	1504	2	.	.	.	.	.	.	.	2752
2.00 - 2.99	.	161	3	.	.	.	.	.	.	.	164
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2619	1765	26	22	8	0	0	0	0	0	4440

STATION: 48 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	765	1531	2513	1830	677	166	41	13	2	.	7538
1.00 - 1.99	170	1997	806	594	391	116	11	4	.	.	4089
2.00 - 2.99	.	155	373	172	74	15	2	.	.	.	791
3.00 - 3.99	.	.	48	71	44	5	.	.	.	.	168
4.00 - 4.99	.	.	.	19	16	22	4	.	.	.	61
5.00 - 5.99	.	.	.	1	4	4	2	.	.	.	11
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	935	3683	3740	2687	1206	328	60	17	2	0	12658

STATION: 48 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	554	2411	4982	1460	182	17	2	.	.	.	9608
1.00 - 1.99	76	1392	1234	811	129	26	.	.	.	.	3668
2.00 - 2.99	.	51	338	199	60	10	.	.	.	.	658
3.00 - 3.99	.	.	44	88	12	4	.	.	.	.	148
4.00 - 4.99	.	.	.	8	8	1	.	.	.	.	17
5.00 - 5.99	.	.	.	.	3	3	.	.	.	.	6
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	630	3854	6598	2566	394	61	2	0	0	0	14105

STATION: 48 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1126	1295	550	149	18	.	.	.	.	.	3138
1.00 - 1.99	166	2185	467	187	41	.	.	.	.	.	3046
2.00 - 2.99	.	142	633	62	15	.	.	.	.	.	852
3.00 - 3.99	.	.	133	171	9	.	.	.	.	.	313
4.00 - 4.99	.	.	1	34	12	.	.	.	.	.	47
5.00 - 5.99	.	.	.	.	1	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1292	3622	1784	603	96	0	0	0	0	0	7397

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.75 N LONG: 76.25 W DEPTH: 22 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 48 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1706	952	159	7	.	.	.	.	.	.	2824
1.00 - 1.99	269	3258	298	30	.	.	.	.	.	.	3855
2.00 - 2.99	.	149	772	61	4	.	.	.	.	.	986
3.00 - 3.99	.	.	132	119	8	.	.	.	.	.	259
4.00 - 4.99	.	.	.	19	6	.	.	.	.	.	25
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1975	4359	1361	236	18	0	0	0	0	0	7949

STATION: 48 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1666	.	.	.	.	.	.	.	.	.	1666
1.00 - 1.99	1152	440	.	.	.	.	.	.	.	.	1592
2.00 - 2.99	.	173	2	.	.	.	.	.	.	.	175
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2818	614	2	0	0	0	0	0	0	0	3434

STATION: 48 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1067	.	.	.	.	.	.	.	.	.	1067
1.00 - 1.99	1135	1187	.	.	.	.	.	.	.	.	2322
2.00 - 2.99	.	327	.	.	.	.	.	.	.	.	327
3.00 - 3.99	.	4	.	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2202	1518	0	0	0	0	0	0	0	0	3720

STATION: 48 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10548	6286	8225	3468	885	183	43	13	2	.	29653
1.00 - 1.99	6067	12458	2807	1622	561	142	11	4	.	.	23672
2.00 - 2.99	.	1255	2121	494	153	25	2	.	.	.	4050
3.00 - 3.99	.	8	358	449	73	9	.	.	.	.	897
4.00 - 4.99	.	.	1	80	42	23	4	.	.	.	150
5.00 - 5.99	.	.	.	1	8	7	2	.	.	.	18
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16615	20007	13512	6114	1722	389	62	17	2	0	58440

STATION: 48

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	97	63	78	121	148	174	249	326	296	137	129	109	1927
2.50 - 4.99	865	742	993	1141	1678	2004	2118	2361	1964	1422	1236	1080	17604
5.00 - 7.49	1142	1054	1195	1295	1778	1706	1722	1584	1310	1309	1171	1193	16459
7.50 - 9.99	1451	1366	1500	1427	1114	800	826	660	895	1359	1327	1340	14065
10.00 - 12.49	736	668	652	534	179	77	40	28	256	492	494	608	4764
12.50 - 14.99	488	446	444	253	42	38	5	1	73	214	345	441	2790
15.00 - 17.49	103	107	60	24	13	1	.	.	6	27	35	127	503
17.50 - 19.99	64	68	26	5	8	.	.	.	.	.	49	62	282
20.00 - GREATER	14	6	12	.	.	.	.	.	.	.	14	.	46
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.75 N, LONG: 76.25 W, DEPTH: 22 M

STATION: 48

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	1034	730	629	530	413	280	218	333	685	876	842	865	7435
22.50 - 67.49 (45.0)	613	630	540	400	686	586	376	615	1343	1466	761	672	8688
67.50 - 112.49 (90.0)	320	291	380	302	445	444	302	382	593	629	371	308	4767
112.50 - 157.49 (135.0)	232	243	327	306	401	354	321	326	399	269	329	242	3749
157.50 - 202.49 (180.0)	335	365	533	645	672	804	737	719	462	313	392	484	6461
202.50 - 247.49 (225.0)	749	751	913	1177	1281	1541	2166	1508	621	380	654	774	12515
247.50 - 292.49 (270.0)	753	703	815	852	749	560	687	796	387	484	656	842	8284
292.50 - 337.49 (315.0)	924	807	823	588	313	231	153	281	310	543	795	773	6541
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 48

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.35	1.24	1.29	1.30	0.98	1.13	1.04	0.85	0.94	1.58	1.19	1.19	1.17
1957	1.25	1.21	1.10	1.21	0.88	1.03	0.84	0.92	0.99	1.08	1.24	1.49	1.10
1958	1.35	1.49	1.17	1.48	1.06	0.98	0.94	0.99	0.97	1.38	1.02	1.24	1.17
1959	1.29	1.39	1.40	1.13	0.92	0.81	1.06	0.75	1.09	1.23	1.35	1.30	1.14
1960	1.22	1.56	1.42	1.18	1.21	1.09	1.01	0.87	1.08	0.90	0.97	1.13	1.14
1961	1.23	1.44	1.21	1.44	1.11	1.15	0.87	0.99	0.99	1.07	1.05	1.11	1.14
1962	1.42	1.23	1.34	1.29	0.88	0.96	0.93	0.92	0.93	1.07	1.82	1.59	1.20
1963	1.20	1.50	1.37	1.19	1.06	0.97	0.77	0.73	1.08	1.38	1.24	1.12	1.13
1964	1.55	1.32	1.34	1.22	1.13	0.87	0.96	0.96	1.20	1.19	1.22	1.30	1.19
1965	1.27	1.35	1.10	1.01	0.83	0.88	1.00	0.74	0.96	1.19	1.00	0.89	1.02
1966	1.42	1.35	1.18	0.95	1.08	0.98	1.00	0.85	0.98	1.03	1.19	1.09	1.09
1967	1.12	1.45	1.17	1.25	1.22	1.13	1.18	0.86	1.14	0.96	1.00	1.23	1.14
1968	1.23	0.97	1.24	0.74	0.79	0.76	0.60	0.59	0.57	0.92	0.98	1.27	0.89
1969	1.21	1.46	1.19	1.22	1.25	0.83	0.76	0.99	0.91	1.28	1.29	1.47	1.15
1970	1.21	1.34	1.22	1.29	1.00	1.08	0.97	0.93	0.80	1.50	1.21	1.16	1.14
1971	1.40	1.40	1.37	1.07	1.09	0.75	1.01	0.91	1.10	1.24	1.11	1.68	1.18
1972	1.26	1.39	1.17	1.15	1.39	1.08	0.95	0.84	0.88	1.22	1.17	1.14	1.14
1973	1.25	1.23	1.35	1.28	1.02	0.83	0.68	0.70	0.76	0.94	1.03	1.40	1.04
1974	1.06	1.10	1.10	1.12	0.76	0.66	0.52	0.55	0.80	0.84	0.95	1.12	0.88
1975	1.14	1.15	1.31	1.03	0.66	0.79	0.82	0.54	0.98	0.98	1.02	1.06	0.95
MEAN	1.27	1.33	1.25	1.18	1.02	0.94	0.90	0.82	0.96	1.15	1.15	1.25	

STATION: 48

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	31 921	40 922	431122	391119	19 5 4	21 7 9	21 722	17 814	28 814	48 910	31 819	35 824	48 910
1957	37 923	32 914	27 721	381020	24 810	36 910	19 723	21 6 7	34 8 9	2410 9	35 919	33 821	381020
1958	36 818	421021	31 810	4612 9	24 716	17 620	22 724	21 718	24 816	401010	26 723	36 912	4612 9
1959	481021	38 922	471016	26 822	28 720	21 721	29 818	18 619	35 912	28 722	341021	351021	481021
1960	371010	491021	411017	33 921	23 718	20 5 3	33 921	16 623	29 914	19 719	25 820	39 919	491021
1961	31 817	481022	34 823	38 921	30 818	22 718	16 623	19 7 9	261112	20 534	22 616	31 922	481022
1962	411119	35 821	33 919	351019	18 621	29 722	30 822	26 812	31 910	2912 9	551310	491310	551310
1963	36 822	35 823	431121	35 919	27 822	32 910	19 623	22 720	28 6 8	331011	42 920	5110 9	5110 9
1964	561110	381018	401120	33 919	491110	25 811	23 720	25 820	23 8 9	44 910	38 920	30 817	561110
1965	371021	491219	34 820	32 822	17 624	19 723	19 721	17 621	26 9 9	37 919	31 822	27 819	491219
1966	44 913	481120	38 917	30 822	21 716	32 812	19 620	191113	29 811	25 719	36 922	34 819	481120
1967	40 923	391123	431020	33 922	431021	26 810	25 822	21 721	25 816	28 721	30 823	401016	431021
1968	361012	3010 8	42 919	28 818	22 713	17 622	11 517	13 5 5	10 610	21 715	40 920	471120	471120
1969	31 822	3110 9	37 917	381019	31 822	19 616	17 618	25 822	21 815	31 7 9	561212	43 917	561212
1970	36 922	461018	34 819	391019	25 817	25 823	23 721	19 620	19 722	35 912	38 910	42 915	461018
1971	441122	521120	42 922	411012	31 918	14 622	28 821	32 719	291110	30 7 8	29 813	4710 9	521120
1972	29 923	32 819	28 818	31 923	3812 9	35 918	23 724	22 722	24 720	23 718	29 823	26 818	3812 9
1973	33 813	371016	411019	391020	31 821	21 721	12 910	17 619	32 921	28 821	401019	391018	411019
1974	30 921	35 820	29 921	35 821	27 717	15 621	10 523	12 522	22 5 3	25 8 9	33 823	401023	401023
1975	38 825	431120	41 916	411023	13 532	16 525	21 723	11 5 7	23 7 8	28 718	34 821	431019	431019
MAX	561110	521120	471016	4612 9	491110	36 910	33 921	32 719	35 912	48 910	561212	5110 9	

MAX Hmo(m): 5.6 MAX Tp(sec): 12. MAX Dp(deg): 119. DATE(gmt): 69110206

MAX WIND SPEED(m/sec): 24. MAX WIND DIRECTION(deg): 280. DATE(gmt): 68030112

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.75 N LONG: 76.00 W DEPTH: 35 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 49

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	101	114	168	235	93	110	163	230	122	167	253	177	1933
0.50 - 0.99	1350	1153	1389	1507	2188	2426	2616	3001	2589	1789	1651	1514	23173
1.00 - 1.49	1658	1372	1541	1552	1744	1647	1657	1342	1270	1470	1492	1441	18186
1.50 - 1.99	942	837	896	719	575	429	400	302	437	827	743	817	7924
2.00 - 2.49	434	476	474	387	206	124	107	65	218	359	308	478	3636
2.50 - 2.99	213	254	248	199	91	33	9	15	124	199	153	255	1793
3.00 - 3.49	130	155	125	107	31	18	5	4	31	90	78	141	915
3.50 - 3.99	70	88	53	50	13	12	3	1	9	44	52	65	460
4.00 - 4.49	35	38	45	29	8	1	.	.	.	10	24	41	231
4.50 - 4.99	20	19	17	9	7	.	.	.	.	3	16	11	102
5.00 - 5.49	5	9	4	6	3	.	.	.	.	2	9	18	56
5.50 - 5.99	1	4	.	.	1	.	.	.	.	.	14	2	22
6.00 - 6.49	1	1	.	.	.	.	.	.	.	.	7	.	9
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 49

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	183	174	211	175	78	48	87	52	103	149	268	218	1746
4.0 - 4.9	1096	949	1068	977	787	628	562	719	744	896	1086	1044	10556
5.0 - 5.9	1217	1033	1099	1033	1216	1167	1254	1138	961	980	1085	1035	13218
6.0 - 6.9	606	639	751	638	872	1210	1022	1147	803	757	535	582	9562
7.0 - 7.9	357	436	565	601	773	922	1140	1115	851	855	514	460	8589
8.0 - 8.9	433	428	519	589	720	515	586	450	603	627	508	384	6362
9.0 - 9.9	433	331	327	404	341	197	224	197	429	333	323	502	4041
10.0 - 10.9	317	206	220	204	103	76	50	52	226	175	204	411	2244
11.0 - 11.9	166	176	118	94	38	31	12	49	59	104	129	199	1175
12.0 - 12.9	80	95	53	47	18	6	4	26	20	41	71	71	532
13.0 - 13.9	36	43	11	28	14	.	12	10	1	36	47	30	268
14.0 - 14.9	25	9	4	10	.	.	6	3	.	7	16	9	89
15.0 - 15.9	3	1	5	.	.	.	1	2	.	.	13	7	32
16.0 - 16.9	1	.	5	.	.	.	.	.	.	.	1	6	13
17.0 - 17.9	3	.	4	.	.	.	.	.	.	.	.	.	7
18.0 - 18.9	4	.	.	.	.	.	.	.	.	.	.	2	6
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 49

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	346	239	249	183	56	43	30	30	166	196	302	290	2130
11.25 - 33.74 (22.5)	255	174	134	112	99	33	49	84	220	303	252	186	1901
33.75 - 56.24 (45.0)	270	299	321	221	181	108	89	159	432	542	312	262	3196
56.25 - 78.74 (67.5)	225	311	200	203	253	153	65	157	430	540	319	272	3128
78.75 - 101.24 (90.0)	421	339	238	258	450	253	164	191	737	759	585	558	4953
101.25 - 123.74 (112.5)	718	233	440	497	974	954	1553	1609	1419	964	555	536	10452
123.75 - 146.24 (135.0)	197	281	243	301	523	873	486	721	491	399	305	173	4993
146.25 - 168.74 (157.5)	187	216	276	259	329	369	149	281	182	165	221	244	2878
168.75 - 191.24 (180.0)	349	504	617	664	527	551	456	495	174	255	286	537	5415
191.25 - 213.74 (202.5)	326	326	520	512	569	629	773	477	111	128	292	342	5005
213.75 - 236.24 (225.0)	287	322	418	518	463	474	674	398	130	95	252	257	4288
236.25 - 258.74 (247.5)	169	195	171	292	246	189	304	201	88	121	165	190	2331
258.75 - 281.24 (270.0)	289	246	290	247	159	86	114	95	64	119	230	322	2261
281.25 - 303.74 (292.5)	235	262	312	190	61	30	25	25	38	106	250	244	1778
303.75 - 326.24 (315.0)	348	281	290	168	40	33	16	14	63	133	254	262	1902
326.25 - 348.74 (337.5)	338	292	241	175	30	22	13	23	55	135	220	285	1829
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.75 N, LONG: 76.00 W, DEPTH: 35 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 49 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1578	1	1	.	.	.	.	.	.	.	1580
1.00 - 1.99	1837	327	.	.	.	.	.	.	.	.	2164
2.00 - 2.99	.	117	.	.	.	.	.	.	.	.	117
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3415	446	1	0	0	0	0	0	0	0	3862

STATION: 49 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	946	299	219	299	272	68	.	.	.	.	2103
1.00 - 1.99	309	2482	75	59	62	35	9	.	.	.	3031
2.00 - 2.99	.	576	70	17	8	5	.	.	.	.	676
3.00 - 3.99	.	11	16	31	9	1	.	.	.	.	68
4.00 - 4.99	.	.	2	3	1	.	.	.	.	.	6
5.00 - 5.99	.	.	1	.	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1255	3368	383	409	352	109	9	0	0	0	5885

STATION: 49 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	560	1284	2465	1337	348	55	21	11	.	.	6081
1.00 - 1.99	55	1856	953	677	383	81	6	1	.	.	4012
2.00 - 2.99	.	109	439	85	47	20	2	1	.	.	703
3.00 - 3.99	.	.	63	125	31	.	.	.	.	.	219
4.00 - 4.99	.	.	3	24	26	10	.	.	.	.	63
5.00 - 5.99	.	.	.	10	12	19	6	.	.	.	47
6.00 - 6.99	.	.	.	.	2	1	1	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	615	3249	3923	2258	849	186	36	13	0	0	11129

STATION: 49 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	417	1937	4340	1026	112	12	.	.	.	.	7844
1.00 - 1.99	68	1297	1297	727	152	26	.	.	.	.	3567
2.00 - 2.99	.	55	354	104	32	10	.	.	.	.	555
3.00 - 3.99	.	.	59	105	15	.	.	.	.	.	179
4.00 - 4.99	.	.	2	17	11	.	.	.	.	.	30
5.00 - 5.99	.	.	.	1	2	3	.	.	.	.	6
6.00 - 6.99	.	.	.	.	3	1	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	485	3289	6052	1980	327	52	0	0	0	0	12185

STATION: 49 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	838	1353	731	230	13	.	.	.	.	.	3165
1.00 - 1.99	141	2556	1288	468	47	2	.	.	.	.	4502
2.00 - 2.99	.	136	715	279	54	2	.	.	.	.	1186
3.00 - 3.99	.	.	184	220	24	3	.	.	.	.	431
4.00 - 4.99	.	.	7	104	19	3	.	.	.	.	133
5.00 - 5.99	.	.	.	11	7	.	.	.	.	.	18
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	979	4045	2925	1312	164	10	0	0	0	0	9435

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.75 N LONG: 76.00 W DEPTH: 35 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 49 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1360	880	117	13	.	.	.	.	.	.	2370
1.00 - 1.99	203	3558	355	12	.	.	.	.	.	.	4128
2.00 - 2.99	.	207	927	36	2	.	.	.	.	.	1172
3.00 - 3.99	.	.	208	183	1	.	.	.	.	.	392
4.00 - 4.99	.	.	9	77	10	.	.	.	.	.	96
5.00 - 5.99	.	.	.	5	1	.	.	.	.	.	6
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1563	4645	1616	326	15	0	0	0	0	0	8165

STATION: 49 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1031	.	.	.	.	.	.	.	.	.	1031
1.00 - 1.99	860	1460	.	.	.	.	.	.	.	.	2320
2.00 - 2.99	.	614	2	.	.	.	.	.	.	.	616
3.00 - 3.99	.	33	43	.	.	.	.	.	.	.	76
4.00 - 4.99	.	.	5	.	.	.	.	.	.	.	5
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1891	2107	50	0	0	0	0	0	0	0	4048

STATION: 49 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	932	.	.	.	.	.	.	.	.	.	932
1.00 - 1.99	1167	1219	.	.	.	.	.	.	.	.	2386
2.00 - 2.99	.	404	.	.	.	.	.	.	.	.	404
3.00 - 3.99	.	8	1	.	.	.	.	.	.	.	9
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2099	1631	1	0	0	0	0	0	0	0	3731

STATION: 49 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	7662	5754	7873	2905	745	135	21	11	.	.	25106
1.00 - 1.99	4640	14755	3968	1943	644	144	15	1	.	.	26110
2.00 - 2.99	.	2218	2507	521	143	37	2	1	.	.	5429
3.00 - 3.99	.	53	574	664	80	4	.	.	.	.	1375
4.00 - 4.99	.	.	28	225	67	13	.	.	.	.	333
5.00 - 5.99	.	.	1	27	22	22	6	.	.	.	78
6.00 - 6.99	.	.	.	.	6	2	1	.	.	.	9
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	12302	22780	14951	6285	1707	357	45	13	0	0	58440

STATION: 49

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	84	52	74	94	137	163	233	294	275	122	112	97	1737
2.50 - 4.99	823	702	921	1107	1593	1938	2071	2343	1931	1377	1190	1013	17009
5.00 - 7.49	1141	1041	1220	1330	1849	1746	1738	1587	1352	1317	1212	1205	16738
7.50 - 9.99	1472	1385	1536	1434	1129	833	869	700	906	1402	1319	1376	14361
10.00 - 12.49	746	699	648	558	190	78	36	35	257	511	514	623	4895
12.50 - 14.99	511	447	454	242	43	41	13	1	73	204	352	450	2831
15.00 - 17.49	102	115	65	30	12	1	.	.	6	27	36	128	522
17.50 - 19.99	70	72	30	5	7	.	.	.	.	.	50	68	302
20.00 - GREATER	11	7	12	.	.	.	.	.	.	.	15	.	45
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 34.75 N, LONG: 76.00 W, DEPTH: 35 M

STATION: 49

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION	WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	1036	739	643	554	440	284	231	345	713	897	846	879	7607
22.50 - 67.49	(45.0)	598	607	530	399	671	568	369	589	1311	1407	727	646	8422
67.50 - 112.49	(90.0)	295	291	366	269	427	429	278	353	578	631	372	296	4585
112.50 - 157.49	(135.0)	229	241	322	304	391	364	326	335	411	277	318	248	3766
157.50 - 202.49	(180.0)	347	373	551	635	694	829	764	743	475	330	411	481	6633
202.50 - 247.49	(225.0)	745	736	914	1191	1292	1537	2154	1519	620	380	659	784	12531
247.50 - 292.49	(270.0)	754	715	790	848	731	559	682	780	376	483	662	836	8216
292.50 - 337.49	(315.0)	956	818	844	600	314	230	156	296	316	555	805	790	6680
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 49

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.46	1.37	1.42	1.46	1.07	1.22	1.14	0.95	1.03	1.78	1.30	1.33	1.30
1957	1.38	1.36	1.24	1.31	0.96	1.11	0.93	1.03	1.07	1.20	1.39	1.67	1.22
1958	1.51	1.63	1.32	1.63	1.15	1.09	1.01	1.08	1.04	1.53	1.11	1.38	1.29
1959	1.43	1.56	1.57	1.24	0.97	0.89	1.12	0.85	1.16	1.34	1.48	1.48	1.26
1960	1.34	1.78	1.56	1.32	1.35	1.19	1.11	0.95	1.20	0.97	1.07	1.24	1.26
1961	1.37	1.62	1.34	1.65	1.23	1.26	0.95	1.07	1.10	1.16	1.12	1.25	1.26
1962	1.61	1.36	1.51	1.46	0.96	1.07	1.03	1.02	1.01	1.20	2.07	1.82	1.34
1963	1.33	1.70	1.52	1.32	1.17	1.06	0.86	0.79	1.17	1.56	1.41	1.24	1.26
1964	1.80	1.52	1.51	1.32	1.27	0.94	1.04	1.03	1.35	1.31	1.34	1.42	1.32
1965	1.41	1.57	1.23	1.12	0.91	0.96	1.09	0.82	1.06	1.32	1.10	0.98	1.13
1966	1.59	1.50	1.34	1.06	1.17	1.08	1.07	0.94	1.08	1.15	1.38	1.23	1.21
1967	1.24	1.66	1.32	1.39	1.35	1.20	1.27	0.92	1.25	1.06	1.11	1.39	1.26
1968	1.37	1.13	1.43	0.85	0.87	0.84	0.63	0.63	0.63	0.99	1.11	1.42	0.99
1969	1.33	1.65	1.35	1.32	1.34	0.87	0.82	1.04	1.01	1.44	1.40	1.68	1.27
1970	1.33	1.55	1.39	1.43	1.09	1.16	1.04	1.04	0.84	1.62	1.34	1.29	1.26
1971	1.59	1.56	1.56	1.21	1.22	0.82	1.09	1.00	1.24	1.37	1.23	1.89	1.31
1972	1.38	1.57	1.29	1.30	1.55	1.20	1.05	0.92	0.97	1.40	1.31	1.29	1.27
1973	1.42	1.37	1.49	1.47	1.13	0.89	0.73	0.75	0.82	1.05	1.17	1.59	1.16
1974	1.18	1.24	1.24	1.22	0.87	0.75	0.55	0.58	0.87	0.95	1.05	1.27	0.98
1975	1.32	1.31	1.47	1.15	0.73	0.85	0.92	0.58	1.06	1.05	1.13	1.21	1.07
MEAN	1.42	1.50	1.41	1.31	1.12	1.02	0.97	0.90	1.05	1.27	1.28	1.40	

STATION: 49

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	33 921	481122	471122	461119	24 6 4	24 7 8	22 723	18 6 6	29 916	52 9 9	33 821	39 824	52 9 9
1957	431023	33 914	33 823	42 922	27 6 5	38 912	19 724	26 6 5	35 9 9	3110 6	38 920	36 921	431023
1958	43 916	471021	36 811	5112 9	25 819	18 622	23 724	22 718	30 817	501010	28 819	4112 8	5112 9
1959	551021	41 922	511119	28 822	29 721	23 721	30 819	18 620	36 913	30 722	38 922	36 820	551021
1960	411010	551021	45 917	35 921	25 723	26 6 3	38 922	18 5 3	351016	21 719	26 821	43 919	551021
1961	35 818	531021	36 823	42 916	32 819	23 718	17 623	20 718	28 6 3	22 913	24 718	33 922	531021
1962	451021	38 821	35 920	401020	18 623	34 820	35 823	31 917	38 9 8	3811 6	6113 9	5613 9	6113 9
1963	39 822	39 823	491021	40 919	28 822	35 910	20 525	23 721	3110 6	3911 9	46 921	5410 9	5410 9
1964	601110	44 922	481120	35 920	551110	26 811	24 720	26 820	28 6 6	451011	43 921	33 818	601110
1965	401021	581219	36 821	34 822	17 525	20 723	20 722	17 621	29 9 8	42 919	34 823	31 820	581219
1966	491014	541120	44 917	33 822	21 616	391017	20 723	22 7 7	30 811	28 6 3	42 921	37 819	541120
1967	44 923	461122	481020	33 922	49 922	28 811	24 822	22 721	26 818	30 725	35 823	461020	49 922
1968	40 8 4	4110 6	481018	30 819	25 813	18 722	12 519	16 5 3	11 5 4	21 717	43 920	531120	531120
1969	34 822	3610 7	411020	431019	36 922	18 616	18 618	26 822	25 917	31 8 8	631213	48 918	631213
1970	401022	531118	36 820	42 923	28 817	27 824	24 821	22 720	21 721	3910 5	42 911	47 916	531118
1971	501122	601121	511021	481013	33 918	14 623	30 821	38 817	3510 7	33 8 8	33 725	531010	601121
1972	31 923	37 917	30 823	33 923	4511 7	41 919	22 724	24 722	26 821	24 823	30 823	29 818	4511 7
1973	35 919	431017	461019	451020	33 921	23 721	13 910	18 619	35 921	30 821	451022	431019	461019
1974	33 922	38 820	31 922	38 919	28 820	17 622	12 525	12 522	29 9 5	28 8 8	34 823	441023	441023
1975	42 922	481120	46 923	46 924	14 531	1912 4	22 723	12 5 6	23 6 5	26 719	37 922	501019	501019
MAX	601110	601121	511021	5112 9	551110	41 919	38 922	38 817	38 9 8	52 9 9	631213	5613 9	

MAX Hmo(m): 6.3 MAX Tp(sec): 12. MAX Dp(deg): 126. DATE(gmt): 69110206

MAX WIND SPEED(m/sec): 24. MAX WIND DIRECTION(deg): 295. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.00 N, LONG: 75.75 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 50

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	143	158	203	268	117	154	209	301	143	183	257	208	2344
0.50 - 0.99	1484	1286	1548	1663	2435	2613	2841	3156	2757	1945	1711	1612	25051
1.00 - 1.49	1737	1399	1614	1572	1573	1486	1411	1163	1248	1556	1612	1527	17898
1.50 - 1.99	851	842	858	643	528	392	395	274	367	722	692	796	7360
2.00 - 2.49	380	396	379	341	195	103	91	53	180	280	268	449	3115
2.50 - 2.99	202	230	201	189	68	29	8	9	79	166	123	184	1488
3.00 - 3.49	77	117	93	75	22	15	4	2	22	66	58	97	648
3.50 - 3.99	57	61	49	37	11	8	1	1	4	34	35	47	345
4.00 - 4.49	20	19	15	11	9	.	.	1	.	6	7	21	109
4.50 - 4.99	8	12	.	1	2	.	.	.	.	1	9	7	40
5.00 - 5.49	1	.	.	.	.	.	.	.	.	1	6	2	10
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	8	6	14
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	8	4	12
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	6	.	6
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 50

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	234	258	322	296	177	153	196	169	176	195	340	288	2804
4.0 - 4.9	1288	1072	1232	1152	861	698	593	789	970	1141	1230	1197	12223
5.0 - 5.9	925	796	864	713	957	1055	1111	979	580	564	780	787	10111
6.0 - 6.9	452	533	585	575	814	1182	1009	1084	596	567	419	449	8265
7.0 - 7.9	318	389	530	554	711	848	1010	1029	855	832	439	396	7911
8.0 - 8.9	414	408	451	509	744	520	631	495	668	656	491	321	6308
9.0 - 9.9	453	348	354	446	452	202	303	248	507	454	350	513	4630
10.0 - 10.9	366	230	257	248	139	94	61	75	271	270	249	481	2741
11.0 - 11.9	252	184	203	145	51	37	17	48	119	148	196	257	1657
12.0 - 12.9	141	166	65	70	27	11	6	25	40	65	140	113	869
13.0 - 13.9	59	95	65	68	16	.	6	13	18	54	91	98	583
14.0 - 14.9	36	38	6	19	9	.	14	2	.	13	48	37	222
15.0 - 15.9	9	3	9	5	2	.	3	3	.	1	19	15	69
16.0 - 16.9	6	.	13	.	.	.	.	1	.	.	7	5	32
17.0 - 17.9	5	.	3	.	.	.	.	.	.	.	.	1	9
18.0 - 18.9	1	.	1	.	.	.	.	.	.	.	.	2	4
19.0 - 19.9	1	.	.	.	.	.	.	.	.	.	1	.	2
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 50

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	410	267	294	233	74	53	46	49	197	225	326	330	2504
11.25 - 33.74 (22.5)	248	170	160	113	118	48	57	102	230	318	234	203	2001
33.75 - 56.24 (45.0)	138	104	137	73	103	65	44	108	202	198	129	132	1433
56.25 - 78.74 (67.5)	130	120	113	125	132	96	43	97	207	254	133	114	1564
78.75 - 101.24 (90.0)	550	667	481	405	583	262	174	235	1019	1248	901	711	7236
101.25 - 123.74 (112.5)	860	332	492	599	1067	1002	1586	1592	1541	1077	690	768	11606
123.75 - 146.24 (135.0)	251	314	297	313	536	834	526	774	505	452	334	197	5333
146.25 - 168.74 (157.5)	212	320	328	331	429	448	169	345	244	210	246	307	3589
168.75 - 191.24 (180.0)	431	516	715	687	565	630	530	543	146	230	325	529	5847
191.25 - 213.74 (202.5)	275	295	414	501	509	608	776	412	110	107	267	281	4555
213.75 - 236.24 (225.0)	282	275	368	452	417	419	611	393	125	107	210	231	3890
236.25 - 258.74 (247.5)	104	136	137	233	174	165	250	156	67	86	128	139	1775
258.75 - 281.24 (270.0)	194	174	183	181	104	77	78	67	54	84	170	238	1604
281.25 - 303.74 (292.5)	180	217	267	165	60	27	29	24	32	90	210	219	1520
303.75 - 326.24 (315.0)	300	274	301	179	55	33	24	32	59	124	240	246	1867
326.25 - 348.74 (337.5)	395	339	273	210	34	33	17	31	62	150	257	315	2116
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.00 N, LONG: 75.75 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 50 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1995	.	1	.	.	.	.	.	.	.	1996
1.00 - 1.99	2005	493	.	.	.	.	.	.	.	.	2498
2.00 - 2.99	.	109	.	.	.	.	.	.	.	.	109
3.00 - 3.99	.	3	1	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4000	605	2	0	0	0	0	0	0	0	4607

STATION: 50 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1016	81	13	.	.	.	.	.	.	.	1110
1.00 - 1.99	1433	453	28	.	.	.	.	.	.	.	1914
2.00 - 2.99	.	36	5	.	.	.	.	.	.	.	41
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2449	571	46	0	0	0	0	0	0	0	3066

STATION: 50 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	619	1186	2257	1853	978	391	62	11	2	.	7359
1.00 - 1.99	175	1755	1210	738	592	250	20	1	.	.	4741
2.00 - 2.99	.	75	496	281	87	44	3	1	.	.	987
3.00 - 3.99	.	.	32	111	57	6	2	.	.	.	208
4.00 - 4.99	.	.	.	16	33	7	.	.	.	.	56
5.00 - 5.99	.	.	.	.	8	10	.	.	.	.	18
6.00 - 6.99	.	.	.	.	.	9	9	.	.	.	18
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	794	3016	3995	2999	1755	717	96	13	2	0	13387

STATION: 50 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	471	1991	4559	1440	180	25	5	.	.	.	8671
1.00 - 1.99	77	1344	1209	939	217	41	.	.	.	.	3827
2.00 - 2.99	.	62	374	177	59	8	.	.	.	.	680
3.00 - 3.99	.	.	40	125	25	2	.	.	.	.	192
4.00 - 4.99	.	.	.	13	17	2	.	.	.	.	32
5.00 - 5.99	.	.	.	.	3	3	.	.	.	.	6
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	548	3397	6182	2694	501	81	5	0	0	0	13408

STATION: 50 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	952	1547	878	296	21	.	.	.	.	.	3694
1.00 - 1.99	177	2687	1066	633	93	.	.	.	.	.	4656
2.00 - 2.99	.	148	733	296	86	5	.	.	.	.	1268
3.00 - 3.99	.	.	101	245	39	1	.	.	.	.	386
4.00 - 4.99	.	.	.	25	19	1	.	.	.	.	45
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1129	4382	2778	1495	258	7	0	0	0	0	10049

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.00 N LONG: 75.75 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 50 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1435	794	85	.	.	.	.	.	.	.	2314
1.00 - 1.99	285	3246	266	20	.	.	.	.	.	.	3817
2.00 - 2.99	.	193	772	54	1	.	.	.	.	.	1020
3.00 - 3.99	.	.	91	99	5	.	.	.	.	.	195
4.00 - 4.99	.	.	.	10	6	.	.	.	.	.	16
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1720	4233	1214	183	12	0	0	0	0	0	7362

STATION: 50 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1386	.	.	.	.	.	.	.	.	.	1386
1.00 - 1.99	968	378	.	.	.	.	.	.	.	.	1346
2.00 - 2.99	.	141	.	.	.	.	.	.	.	.	141
3.00 - 3.99	.	3	2	.	.	.	.	.	.	.	5
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2354	522	2	0	0	0	0	0	0	0	2878

STATION: 50 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	865	.	.	.	.	.	.	.	.	.	865
1.00 - 1.99	1168	1291	.	.	.	.	.	.	.	.	2459
2.00 - 2.99	.	357	.	.	.	.	.	.	.	.	357
3.00 - 3.99	.	2	.	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2033	1650	0	0	0	0	0	0	0	0	3683

STATION: 50 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	8739	5599	7793	3589	1179	416	67	11	2	.	27395
1.00 - 1.99	6288	11647	3779	2330	902	291	20	1	.	.	25258
2.00 - 2.99	.	1121	2380	808	233	57	3	1	.	.	4603
3.00 - 3.99	.	9	267	580	126	9	2	.	.	.	993
4.00 - 4.99	.	.	.	64	75	10	.	.	.	.	149
5.00 - 5.99	.	.	.	.	11	13	.	.	.	.	24
6.00 - 6.99	.	.	.	.	.	9	9	.	.	.	18
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	15027	18376	14219	7371	2526	805	101	13	2	0	58440

STATION: 50

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	84	54	75	104	141	166	228	302	290	122	126	112	1804
2.50 - 4.99	811	690	907	1070	1556	1899	2052	2269	1900	1374	1162	991	16681
5.00 - 7.49	1117	989	1206	1317	1773	1728	1677	1586	1346	1286	1177	1151	16353
7.50 - 9.99	1456	1403	1517	1424	1225	870	936	759	906	1394	1307	1389	14586
10.00 - 12.49	753	708	674	575	192	92	53	43	262	546	566	635	5099
12.50 - 14.99	538	473	462	273	58	40	10	1	86	203	356	468	2968
15.00 - 17.49	113	107	75	25	10	5	3	.	9	34	38	140	559
17.50 - 19.99	72	87	28	12	5	.	1	.	1	1	51	72	330
20.00 - GREATER	16	9	16	.	.	.	.	.	.	.	17	2	60
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.00 N, LONG: 75.75 W, DEPTH: 18 M

STATION: 50

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	1070	746	679	577	469	310	274	364	770	931	897	877	7964
22.50 - 67.49 (45.0)	565	589	507	390	648	544	336	564	1227	1320	650	620	7960
67.50 - 112.49 (90.0)	284	279	341	242	405	392	267	329	560	632	367	279	4377
112.50 - 157.49 (135.0)	219	241	328	303	393	355	302	335	403	303	310	236	3728
157.50 - 202.49 (180.0)	353	380	542	642	714	843	763	751	502	342	413	490	6735
202.50 - 247.49 (225.0)	747	719	896	1159	1272	1531	2151	1514	637	370	681	766	12443
247.50 - 292.49 (270.0)	734	714	813	854	723	579	697	769	370	496	655	841	8245
292.50 - 337.49 (315.0)	988	852	854	633	336	246	170	334	331	566	827	851	6988
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 50

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.46	1.28	1.33	1.33	1.00	1.18	1.10	0.92	0.99	1.70	1.22	1.23	1.23
1957	1.28	1.27	1.14	1.24	0.94	1.06	0.89	0.96	1.01	1.14	1.31	1.56	1.15
1958	1.40	1.51	1.22	1.52	1.09	1.05	0.98	1.05	0.98	1.47	1.05	1.28	1.22
1959	1.35	1.43	1.43	1.20	0.92	0.83	1.09	0.81	1.08	1.25	1.37	1.33	1.17
1960	1.26	1.66	1.45	1.25	1.28	1.12	1.05	0.92	1.11	0.94	1.02	1.19	1.18
1961	1.27	1.51	1.24	1.48	1.18	1.22	0.89	1.01	1.04	1.09	1.08	1.15	1.18
1962	1.47	1.28	1.41	1.36	0.91	1.01	0.97	0.97	0.96	1.13	2.01	1.73	1.27
1963	1.28	1.58	1.40	1.20	1.10	1.00	0.81	0.75	1.09	1.44	1.29	1.15	1.17
1964	1.62	1.37	1.40	1.24	1.18	0.89	1.00	0.99	1.26	1.19	1.23	1.37	1.23
1965	1.33	1.43	1.12	1.06	0.87	0.92	1.05	0.77	0.99	1.25	1.06	0.92	1.06
1966	1.50	1.36	1.26	0.98	1.13	1.03	1.03	0.91	1.02	1.08	1.29	1.16	1.15
1967	1.17	1.50	1.22	1.28	1.26	1.13	1.21	0.89	1.16	0.99	1.07	1.31	1.18
1968	1.31	1.12	1.27	0.85	0.84	0.80	0.60	0.59	0.63	0.95	1.04	1.31	0.94
1969	1.27	1.59	1.26	1.25	1.26	0.84	0.79	0.99	0.94	1.30	1.37	1.57	1.20
1970	1.25	1.43	1.26	1.36	1.07	1.11	1.00	0.97	0.82	1.52	1.29	1.20	1.19
1971	1.43	1.43	1.42	1.12	1.16	0.79	1.08	0.97	1.19	1.30	1.13	1.71	1.23
1972	1.29	1.43	1.21	1.21	1.49	1.12	0.96	0.88	0.94	1.29	1.22	1.20	1.19
1973	1.30	1.27	1.39	1.33	1.08	0.88	0.71	0.73	0.79	0.97	1.06	1.46	1.08
1974	1.08	1.16	1.14	1.14	0.84	0.72	0.54	0.57	0.84	0.91	1.01	1.20	0.93
1975	1.21	1.18	1.38	1.11	0.70	0.82	0.91	0.56	1.02	1.01	1.08	1.20	1.01
MEAN	1.33	1.39	1.30	1.23	1.07	0.98	0.93	0.86	0.99	1.20	1.21	1.31	

STATION: 50

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	321410	421121	421121	401118	20 5 3	23 7 9	22 722	18 815	28 915	511111	30 819	34 824	511111
1957	361022	30 914	30 724	38 922	23 6 8	36 911	17 623	22 8 9	32 910	28 722	35 918	31 818	38 922
1958	38 915	381020	32 812	461210	25 717	20 622	22 724	22 718	28 817	441011	26 819	411210	461210
1959	451020	35 824	441118	26 822	27 720	21 721	29 818	19 619	33 812	28 722	33 921	32 921	451020
1960	401110	451019	39 817	31 921	24 719	21 9 9	35 920	17 623	341016	22 719	26 820	37 919	451019
1961	32 817	431021	32 822	35 816	29 819	22 718	16 622	19 717	271012	21 632	22 717	29 921	431021
1962	381019	34 821	34 734	361019	18 619	29 819	29 822	29 916	351010	381110	681410	611411	681410
1963	35 821	3610 9	411021	34 918	27 822	341013	22 721	22 720	2810 9	381110	38 919	471110	471110
1964	521110	38 824	401119	33 919	451111	24 710	22 721	26 819	251310	391011	38 920	29 820	521110
1965	351020	471017	33 820	31 821	17 624	20 623	20 722	17 623	26 9 9	381110	31 821	28 819	471017
1966	461110	471021	40 917	29 821	20 717	371016	19 719	20 7 9	27 914	27 817	35 921	32 818	471021
1967	36 921	391122	401019	31 922	42 922	26 811	24 822	22 720	26 817	25 723	32 823	401015	42 922
1968	381012	3811 9	411019	29 818	24 812	19 721	12 517	13 5 5	111110	21 716	37 920	441119	441119
1969	29 724	391210	361118	371018	31 921	18 621	17 619	24 721	23 917	26 810	561313	42 916	561313
1970	371022	481216	32 819	36 919	26 816	25 823	24 821	22 720	22 722	3611 9	361011	42 914	481216
1971	421121	471119	43 924	441013	30 918	15 624	31 821	40 916	351010	33 913	29 823	451010	471119
1972	28 922	33 916	28 823	30 922	461210	381017	22 724	24 722	24 720	22 718	28 718	27 719	461210
1973	31 918	371016	391018	38 920	31 920	23 721	13 911	18 619	33 920	27 823	381021	371019	391018
1974	29 822	34 819	29 921	35 918	27 819	17 622	12 525	14 621	24 9 8	24 8 9	30 724	391013	391013
1975	36 824	421119	421115	401023	14 531	221210	231410	13 523	23 6 8	24 8 9	35 922	441018	441018
MAX	521110	481216	441118	461210	461210	381017	35 920	40 916	351010	511111	681410	611411	

MAX Hmo(m): 6.8 MAX Tp(sec): 14. MAX Dp(deg): 104. DATE(gmt): 62112706

MAX WIND SPEED(m/sec): 24. MAX WIND DIRECTION(deg): 295. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.00 N LONG: 75.50 W DEPTH: 35 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 51

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	69	89	136	182	58	92	154	202	72	120	172	133	1479
0.50 - 0.99	1220	1047	1299	1395	1999	2240	2483	2860	2456	1602	1488	1355	21444
1.00 - 1.49	1643	1357	1547	1595	1819	1747	1706	1421	1386	1608	1607	1470	18906
1.50 - 1.99	995	873	937	741	644	469	439	357	453	784	768	880	8340
2.00 - 2.49	501	533	498	440	237	166	148	87	219	420	370	536	4155
2.50 - 2.99	228	265	266	231	111	46	22	26	135	178	167	277	1952
3.00 - 3.49	145	170	143	113	54	19	3	4	51	138	95	157	1092
3.50 - 3.99	84	85	67	54	15	13	4	1	23	63	56	67	532
4.00 - 4.49	43	43	41	30	8	8	1	1	4	23	32	38	272
4.50 - 4.99	17	31	17	13	10	.	.	1	1	16	6	21	133
5.00 - 5.49	12	18	9	6	4	.	.	.	.	7	1	12	69
5.50 - 5.99	3	7	.	.	1	.	.	.	.	1	8	3	23
6.00 - 6.49	.	2	.	.	.	.	.	.	.	.	9	3	14
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	6	6	12
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	4	2	6
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	9	.	9
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	2	.	2
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 51

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	115	131	183	136	67	40	74	61	69	107	220	159	1362
4.0 - 4.9	944	855	966	894	669	566	515	692	666	767	922	913	9369
5.0 - 5.9	1061	863	945	898	1078	1091	1134	1026	676	688	899	941	11300
6.0 - 6.9	631	674	795	704	966	1269	1117	1197	752	696	593	632	10026
7.0 - 7.9	458	536	662	671	843	1002	1157	1153	1011	992	591	530	9606
8.0 - 8.9	520	471	556	620	745	536	656	494	761	788	552	429	7128
9.0 - 9.9	452	341	346	401	382	185	213	198	475	447	353	518	4311
10.0 - 10.9	349	215	202	225	121	70	53	59	223	240	214	386	2357
11.0 - 11.9	205	167	164	127	41	36	17	43	125	115	182	225	1447
12.0 - 12.9	128	138	61	54	25	5	2	28	27	69	126	120	783
13.0 - 13.9	46	100	49	55	13	.	7	3	15	43	83	67	481
14.0 - 14.9	34	26	7	13	10	.	14	5	.	8	38	21	176
15.0 - 15.9	7	3	7	2	.	.	1	1	.	.	17	10	48
16.0 - 16.9	7	.	13	.	.	.	.	.	.	.	6	7	33
17.0 - 17.9	1	.	3	.	.	.	.	.	.	.	1	2	7
18.0 - 18.9	2	.	1	.	.	.	.	.	.	.	3	.	6
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 51

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	276	208	199	191	50	29	40	27	136	162	277	250	1845
11.25 - 33.74 (22.5)	248	143	152	104	96	37	45	83	187	254	178	202	1729
33.75 - 56.24 (45.0)	277	233	233	160	174	93	61	141	351	417	248	245	2633
56.25 - 78.74 (67.5)	220	304	190	219	249	182	75	193	528	587	283	221	3251
78.75 - 101.24 (90.0)	576	532	438	440	598	290	220	258	972	1038	925	742	7029
101.25 - 123.74 (112.5)	685	239	391	451	891	963	1503	1468	1286	881	481	507	9746
123.75 - 146.24 (135.0)	156	253	213	265	440	703	410	656	411	369	287	148	4311
146.25 - 168.74 (157.5)	177	216	272	229	363	405	147	313	203	177	211	217	2930
168.75 - 191.24 (180.0)	365	454	584	611	538	592	484	559	191	242	261	498	5379
191.25 - 213.74 (202.5)	346	382	562	596	606	737	919	504	132	142	318	371	5615
213.75 - 236.24 (225.0)	303	301	392	491	420	410	586	389	129	104	233	234	3992
236.25 - 258.74 (247.5)	169	182	183	269	229	183	296	195	81	105	183	201	2276
258.75 - 281.24 (270.0)	249	248	268	242	159	90	103	91	52	102	212	316	2132
281.25 - 303.74 (292.5)	215	258	313	188	62	28	34	24	35	129	230	240	1756
303.75 - 326.24 (315.0)	341	298	317	196	48	33	21	23	57	124	258	265	1981
326.25 - 348.74 (337.5)	357	269	253	148	37	25	16	36	49	127	215	303	1835
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.00 N, LONG: 75.50 W, DEPTH: 35 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 51 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1211	2	7								1220
1.00 - 1.99	1812	229	3	1							2045
2.00 - 2.99	.	107	3								110
3.00 - 3.99	.	2	2								4
4.00 - 4.99	.	.	1								1
5.00 - 5.99	.	.									0
6.00 - 6.99	.	.									0
7.00 - 7.99	.	.									0
8.00 - 8.99	.	.									0
9.00 - GREATER	.	.									0
TOTAL	3023	340	16	1	0	0	0	0	0	0	3380

STATION: 51 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	546	516	426	30	9	1					1528
1.00 - 1.99	281	1884	464	126	1						2756
2.00 - 2.99	.	173	471	50	11	2					707
3.00 - 3.99	.	.	96	64	1						161
4.00 - 4.99	.	.	3	16	1						20
5.00 - 5.99	.	.	.	5	3						8
6.00 - 6.99	.	.	.	.	.						0
7.00 - 7.99	.	.	.	.	.						0
8.00 - 8.99	.	.	.	.	.						0
9.00 - GREATER	.	.	.	.	.						0
TOTAL	827	2573	1460	291	26	3	0	0	0	0	5180

STATION: 51 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	450	1077	2635	1641	789	286	54	11	.	.	6943
1.00 - 1.99	59	1734	1376	1086	789	236	10	1	.	.	5290
2.00 - 2.99	.	49	619	133	103	60	8	1	.	.	973
3.00 - 3.99	.	.	67	172	24	11	1	1	.	.	276
4.00 - 4.99	.	.	3	63	36	1	.	.	.	.	103
5.00 - 5.99	.	.	.	6	32	3	.	.	.	.	41
6.00 - 6.99	.	.	.	.	11	12	.	.	.	.	23
7.00 - 7.99	.	.	.	.	2	6	7	.	.	.	15
8.00 - 8.99	.	.	.	.	.	1	1	.	.	.	2
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	509	2860	4700	3101	1786	616	81	13	0	0	13666

STATION: 51 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	373	1548	3815	700	78	4	.	.	.	.	6518
1.00 - 1.99	82	1252	1285	639	73	15	.	.	.	.	3346
2.00 - 2.99	.	67	374	91	20	6	.	.	.	.	558
3.00 - 3.99	.	.	69	101	25	.	.	.	.	.	195
4.00 - 4.99	.	.	2	29	9	.	.	.	.	.	40
5.00 - 5.99	.	.	.	2	3	2	.	.	.	.	7
6.00 - 6.99	.	.	.	.	2	1	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	455	2867	5545	1562	210	28	0	0	0	0	10667

STATION: 51 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	740	1271	722	201	10	.	.	.	.	.	2944
1.00 - 1.99	167	2816	1382	474	59	1	.	.	.	.	4899
2.00 - 2.99	.	168	799	316	64	2	.	.	.	.	1349
3.00 - 3.99	.	.	222	217	27	4	.	.	.	.	470
4.00 - 4.99	.	.	7	105	16	3	.	.	.	.	131
5.00 - 5.99	.	.	.	15	10	.	.	.	.	.	25
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	907	4255	3132	1328	186	10	0	0	0	0	9818

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.00 N LONG: 75.50 W DEPTH: 35 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 51 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1109	805	177	19	.	.	.	.	.	.	2110
1.00 - 1.99	215	3456	415	40	1	.	.	.	.	.	4127
2.00 - 2.99	.	227	982	45	4	.	.	.	.	.	1258
3.00 - 3.99	.	.	222	194	1	.	.	.	.	.	417
4.00 - 4.99	.	.	11	83	9	.	.	.	.	.	103
5.00 - 5.99	.	.	.	4	7	.	.	.	.	.	11
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1324	4488	1807	385	22	0	0	0	0	0	8026

STATION: 51 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	850		1	.	.	.	.	.	.	.	851
1.00 - 1.99	827	1428	.	.	.	.	.	.	.	.	2255
2.00 - 2.99	.	666	8	.	.	.	.	.	.	.	674
3.00 - 3.99	.	28	57	.	.	.	.	.	.	.	85
4.00 - 4.99	.	.	7	.	.	.	.	.	.	.	7
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1677	2122	73	0	0	0	0	0	0	0	3872

STATION: 51 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	809		.	.	.	.	.	.	.	.	809
1.00 - 1.99	1200	1328	.	.	.	.	.	.	.	.	2528
2.00 - 2.99	.	478	.	.	.	.	.	.	.	.	478
3.00 - 3.99	.	15	1	.	.	.	.	.	.	.	16
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2009	1821	1	0	0	0	0	0	0	0	3831

STATION: 51 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	6088	5219	7783	2591	886	291	54	11	.	.	22923
1.00 - 1.99	4643	14127	4925	2366	923	252	10	.	.	.	27246
2.00 - 2.99	.	1935	3256	635	202	70	8	1	.	.	6107
3.00 - 3.99	.	45	736	748	78	15	1	1	.	.	1624
4.00 - 4.99	.	.	34	296	71	4	.	.	.	.	405
5.00 - 5.99	.	.	.	32	55	5	.	.	.	.	92
6.00 - 6.99	.	.	.	.	13	13	.	.	.	.	26
7.00 - 7.99	.	.	.	.	2	6	7	.	.	.	15
8.00 - 8.99	.	.	.	.	.	1	1	.	.	.	2
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	10731	21326	16734	6668	2230	657	81	13	0	0	58440

STATION: 51

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	87	58	87	105	143	178	222	296	282	122	133	115	1828
2.50 - 4.99	787	672	892	1036	1513	1855	1989	2231	1900	1371	1127	960	16333
5.00 - 7.49	1093	977	1173	1314	1755	1689	1668	1584	1331	1256	1156	1116	16112
7.50 - 9.99	1449	1392	1521	1424	1272	940	1009	791	909	1417	1318	1406	14848
10.00 - 12.49	779	721	688	583	199	91	58	54	279	540	592	655	5239
12.50 - 14.99	556	483	471	291	67	40	9	4	89	219	368	494	3091
15.00 - 17.49	114	113	82	37	7	4	.	.	9	33	38	135	572
17.50 - 19.99	77	90	30	10	4	3	5	.	1	2	51	76	349
20.00 - GREATER	18	14	16	.	.	.	.	.	.	.	17	3	68
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.00 N, LONG: 75.50 W, DEPTH: 35 M

STATION: 51

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	1081	766	692	600	504	320	301	398	820	964	930	908	8284
22.50 - 67.49 (45.0)	518	551	478	369	616	509	298	501	1145	1244	598	576	7403
67.50 - 112.49 (90.0)	260	266	320	227	358	378	248	318	553	619	359	264	4170
112.50 - 157.49 (135.0)	238	251	330	299	427	358	300	351	440	328	304	242	3868
157.50 - 202.49 (180.0)	359	379	569	664	715	879	814	795	512	356	434	504	6980
202.50 - 247.49 (225.0)	739	728	880	1127	1290	1498	2111	1484	612	394	679	753	12295
247.50 - 292.49 (270.0)	741	701	802	848	700	599	710	765	371	475	653	836	8201
292.50 - 337.49 (315.0)	1024	878	889	666	350	259	178	348	347	580	843	877	7239
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 51

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.60	1.41	1.48	1.51	1.11	1.29	1.20	1.01	1.11	1.95	1.35	1.37	1.37
1957	1.43	1.42	1.29	1.35	1.03	1.16	0.97	1.09	1.10	1.29	1.45	1.77	1.28
1958	1.54	1.64	1.37	1.67	1.18	1.15	1.06	1.13	1.06	1.62	1.16	1.44	1.34
1959	1.49	1.62	1.61	1.32	0.99	0.91	1.15	0.89	1.16	1.35	1.52	1.54	1.29
1960	1.39	1.86	1.58	1.40	1.44	1.24	1.14	1.01	1.24	1.04	1.14	1.31	1.31
1961	1.39	1.68	1.37	1.67	1.28	1.33	0.96	1.09	1.18	1.21	1.17	1.29	1.30
1962	1.67	1.42	1.61	1.51	1.00	1.12	1.05	1.05	1.06	1.29	2.35	2.01	1.43
1963	1.42	1.76	1.57	1.34	1.22	1.10	0.90	0.82	1.22	1.65	1.45	1.28	1.31
1964	1.88	1.57	1.57	1.38	1.34	0.96	1.08	1.05	1.41	1.32	1.36	1.52	1.37
1965	1.48	1.61	1.25	1.16	0.96	1.01	1.14	0.85	1.10	1.40	1.18	1.04	1.18
1966	1.67	1.50	1.43	1.10	1.22	1.12	1.10	1.00	1.12	1.26	1.52	1.32	1.28
1967	1.30	1.75	1.38	1.42	1.40	1.21	1.31	0.95	1.29	1.10	1.19	1.46	1.31
1968	1.49	1.30	1.47	0.97	0.92	0.86	0.63	0.64	0.69	1.03	1.17	1.48	1.05
1969	1.41	1.84	1.38	1.36	1.35	0.90	0.86	1.05	1.05	1.53	1.47	1.75	1.33
1970	1.36	1.63	1.40	1.51	1.19	1.21	1.06	1.06	0.89	1.72	1.44	1.34	1.31
1971	1.65	1.59	1.60	1.25	1.30	0.85	1.18	1.05	1.36	1.44	1.27	1.92	1.37
1972	1.44	1.65	1.34	1.35	1.65	1.23	1.07	0.96	1.06	1.53	1.37	1.35	1.33
1973	1.50	1.47	1.54	1.50	1.19	0.94	0.77	0.80	0.87	1.11	1.21	1.65	1.21
1974	1.22	1.31	1.30	1.27	0.94	0.80	0.59	0.62	0.94	1.04	1.15	1.36	1.04
1975	1.40	1.37	1.57	1.26	0.78	0.90	1.01	0.60	1.12	1.11	1.23	1.38	1.14
MEAN	1.49	1.57	1.45	1.36	1.17	1.07	1.01	0.94	1.10	1.35	1.36	1.48	

STATION: 51

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	36 922	521122	501122	481119	26 7 4	28 7 8	26 821	20 6 6	31 814	551110	36 9 7	40 825	551110
1957	421023	33 914	32 8 5	441021	28 8 8	4211 8	20 721	30 8 6	35 910	3810 7	39 919	36 921	441021
1958	42 915	441022	35 812	521210	26 717	22 720	23 724	23 814	31 817	481010	28 820	6012 9	6012 9
1959	541021	41 922	531118	29 817	30 822	23 721	32 818	19 619	35 812	30 722	37 922	45 9 6	541021
1960	471010	531020	471019	35 922	31 8 6	33 9 5	40 921	25 7 3	351016	26 720	28 820	44 919	531020
1961	36 819	511021	36 823	39 816	35 819	24 719	18 623	22 718	3610 7	23 628	26 625	35 922	511021
1962	44 918	40 821	37 733	421020	19 619	32 719	29 820	32 916	4810 8	5311 8	8115 9	721310	8115 9
1963	40 919	4510 8	481021	39 919	30 822	371013	23 723	24 822	4010 5	4810 8	44 824	501110	501110
1964	551110	46 923	501121	38 920	501111	26 711	24 720	28 820	35 8 3	401011	431017	33 819	551110
1965	401020	571121	38 821	33 822	18 625	22 623	22 722	18 720	31 9 8	4511 9	34 822	34 823	571121
1966	5711 9	551022	5010 7	34 821	22 718	40 810	20 719	23 7 7	30 914	4010 6	43 923	35 819	5711 9
1967	41 921	461123	471020	33 924	48 922	28 811	24 822	26 720	28 817	30 823	39 921	471016	48 922
1968	5510 4	6111 7	501019	32 819	26 812	20 721	12 520	17 6 3	1211 8	23 715	44 921	521120	6111 7
1969	34 822	6112 7	401019	451019	381020	21 616	18 619	28 821	26 8 7	36 9 7	641312	49 917	641312
1970	451023	591217	37 819	401021	30 817	28 8 7	26 820	26 818	24 821	5111 6	401010	47 915	591217
1971	531123	571120	48 923	521013	35 918	17 625	35 920	47 916	4310 8	36 914	32 818	501011	571120
1972	33 923	38 916	31 823	33 824	5812 9	421016	24 823	26 722	26 720	26 817	33 817	29 719	5812 9
1973	38 8 3	5512 8	471023	431020	35 921	25 721	15 911	21 718	37 921	30 819	451021	431019	5512 8
1974	33 922	38 819	33 922	40 919	30 819	19 720	14 624	16 621	37 8 3	27 7 7	38 824	45 922	45 922
1975	42 922	501120	521018	471123	14 619	2612 6	2914 5	14 524	27 7 5	24 9 4	42 922	511018	521018
MAX	5711 9	6112 7	531118	521013	5812 9	421016	40 921	47 916	4810 8	551110	8115 9	721310	

MAX Hmo(m): 8.1 MAX Tp(sec): 15. MAX Dp(deg): 94. DATE(gmt): 62112800

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 295. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.25 N, LONG: 75.25 W, DEPTH: 22 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 52

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	17	24	66	111	56	79	158	191	52	62	96	68	980
0.50 - 0.99	901	901	1111	1330	1941	2383	2636	2902	2239	1426	1237	1080	20087
1.00 - 1.49	1581	1215	1552	1608	1850	1613	1610	1360	1418	1563	1514	1451	18335
1.50 - 1.99	973	1023	1020	835	682	486	403	392	508	897	952	1011	9182
2.00 - 2.49	689	630	611	438	235	145	114	87	284	451	521	660	4865
2.50 - 2.99	409	347	349	273	127	43	20	22	177	285	246	352	2650
3.00 - 3.49	185	161	124	122	43	17	8	3	85	162	99	174	1183
3.50 - 3.99	103	84	75	56	11	24	3	1	20	77	69	90	613
4.00 - 4.49	45	44	27	23	11	7	3	1	11	22	16	42	252
4.50 - 4.99	32	47	13	4	4	1	1	1	5	13	10	13	144
5.00 - 5.49	15	30	4	.	.	.	1	.	1	2	7	8	68
5.50 - 5.99	3	9	3	.	.	2	2	.	.	.	11	5	35
6.00 - 6.49	5	1	2	.	.	.	1	.	.	.	4	6	19
6.50 - 6.99	2	3	1	.	.	.	.	.	.	.	10	.	16
7.00 - 7.49	.	1	2	.	.	.	.	.	.	.	8	.	11
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 52

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	63	91	122	135	95	81	112	109	58	84	107	110	1167
4.0 - 4.9	504	456	563	626	542	514	489	604	486	453	524	590	6351
5.0 - 5.9	794	772	888	821	1144	1113	1215	1128	776	762	819	786	11018
6.0 - 6.9	911	832	959	894	1035	1329	1196	1263	905	961	835	806	11926
7.0 - 7.9	782	816	878	762	762	947	1044	1003	954	980	803	771	10502
8.0 - 8.9	561	459	578	542	688	497	560	470	643	729	525	479	6731
9.0 - 9.9	444	346	345	405	405	180	251	241	504	461	322	523	4427
10.0 - 10.9	336	248	216	278	152	88	55	57	239	231	258	390	2548
11.0 - 11.9	300	208	219	144	73	41	15	46	187	151	243	238	1865
12.0 - 12.9	172	160	90	88	27	10	4	19	40	79	156	119	964
13.0 - 13.9	43	94	62	74	20	.	6	14	8	55	105	91	572
14.0 - 14.9	24	28	9	26	10	.	9	4	.	14	60	33	217
15.0 - 15.9	11	9	13	5	4	.	4	1	.	.	29	14	90
16.0 - 16.9	7	1	13	.	1	.	.	1	.	.	8	5	36
17.0 - 17.9	3	.	3	.	1	.	.	.	.	.	1	3	11
18.0 - 18.9	3	.	2	.	1	.	.	.	.	.	1	1	8
19.0 - 19.9	2	.	.	.	.	.	.	.	.	.	4	1	7
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 52

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	1018	757	733	490	180	107	108	135	294	530	749	766	5867
11.25 - 33.74 (22.5)	378	275	264	202	218	98	102	185	416	485	336	312	3271
33.75 - 56.24 (45.0)	189	227	179	160	214	116	68	176	352	373	195	187	2436
56.25 - 78.74 (67.5)	230	298	250	251	298	203	108	220	549	509	316	233	3465
78.75 - 101.24 (90.0)	518	443	417	409	605	293	197	233	872	962	910	680	6539
101.25 - 123.74 (112.5)	571	199	300	378	756	840	1349	1333	1151	717	397	443	8434
123.75 - 146.24 (135.0)	157	221	218	246	437	714	472	656	375	345	212	134	4187
146.25 - 168.74 (157.5)	166	223	289	255	369	438	179	318	176	197	215	267	3092
168.75 - 191.24 (180.0)	358	487	613	682	582	690	562	611	161	242	282	465	5735
191.25 - 213.74 (202.5)	315	372	498	506	562	672	892	453	143	120	314	311	5158
213.75 - 236.24 (225.0)	278	259	356	503	362	381	599	380	120	114	222	243	3817
236.25 - 258.74 (247.5)	98	102	109	168	130	114	177	111	52	62	92	124	1339
258.75 - 281.24 (270.0)	115	111	108	129	81	56	63	61	26	66	94	180	1090
281.25 - 303.74 (292.5)	123	141	172	114	48	14	27	23	25	52	136	162	1037
303.75 - 326.24 (315.0)	217	212	239	166	54	35	30	22	38	101	158	216	1488
326.25 - 348.74 (337.5)	229	193	215	141	64	29	27	43	50	85	172	237	1485
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.25 N, LONG: 75.25 W, DEPTH: 22 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 52 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	570	912	35	.	.	.	.	.	.	.	1517
1.00 - 1.99	294	3002	978	.	.	.	.	.	.	.	4274
2.00 - 2.99	.	395	1658	35	.	.	.	.	.	.	2088
3.00 - 3.99	.	3	197	187	.	.	.	.	.	.	387
4.00 - 4.99	.	.	6	90	14	.	.	.	.	.	110
5.00 - 5.99	.	.	.	11	34	.	.	.	.	.	45
6.00 - 6.99	.	.	.	1	10	1	.	.	.	.	12
7.00 - 7.99	.	.	.	1	2	.	.	.	.	.	3
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	864	4312	2874	325	60	1	0	0	0	0	8436

STATION: 52 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	428	562	275	51	25	9	.	.	.	.	1350
1.00 - 1.99	76	2244	542	83	35	22	1	.	.	.	3003
2.00 - 2.99	.	69	618	39	10	10	.	.	.	.	746
3.00 - 3.99	.	.	50	145	12	.	.	.	.	.	207
4.00 - 4.99	.	.	1	27	26	4	.	.	.	.	58
5.00 - 5.99	.	.	.	3	11	7	.	.	.	.	21
6.00 - 6.99	.	.	.	.	3	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	504	2875	1486	348	122	52	1	0	0	0	5388

STATION: 52 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	357	968	1937	1378	678	250	42	10	5	.	5625
1.00 - 1.99	56	1622	1165	1159	1158	303	49	9	2	.	5523
2.00 - 2.99	.	40	501	128	147	89	8	.	.	.	913
3.00 - 3.99	.	.	34	169	45	20	4	.	.	.	272
4.00 - 4.99	.	.	.	32	39	1	4	.	.	.	76
5.00 - 5.99	.	.	.	2	10	14	1	.	.	.	27
6.00 - 6.99	.	.	.	.	3	7	9	.	.	.	19
7.00 - 7.99	.	.	.	.	.	1	7	.	.	.	8
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	413	2630	3637	2868	2080	685	124	19	7	0	12463

STATION: 52 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	365	1523	3349	750	62	10	1	.	.	.	6060
1.00 - 1.99	85	1319	993	703	126	23	.	.	.	.	3249
2.00 - 2.99	.	76	393	115	37	4	.	.	.	.	625
3.00 - 3.99	.	.	53	127	19	.	.	.	.	.	199
4.00 - 4.99	.	.	.	15	17	.	.	.	.	.	32
5.00 - 5.99	.	.	.	.	5	1	.	.	.	.	6
6.00 - 6.99	.	.	.	.	.	1	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	450	2918	4788	1710	266	39	1	0	0	0	10172

STATION: 52 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	798	1446	641	174	9	.	.	.	.	.	3068
1.00 - 1.99	197	2967	1276	588	88	.	.	.	.	.	5116
2.00 - 2.99	.	166	768	338	109	3	.	.	.	.	1384
3.00 - 3.99	.	.	167	225	38	4	.	.	.	.	434
4.00 - 4.99	.	.	1	51	27	4	.	.	.	.	83
5.00 - 5.99	.	.	.	.	3	1	.	.	.	.	4
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	995	4579	2853	1376	274	12	0	0	0	0	10089

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.25 N, LONG: 75.25 W, DEPTH: 22 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 52 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	977	767	196	15	.	.	.	.	.	.	1955
1.00 - 1.99	264	3060	435	86	7	.	.	.	.	.	3852
2.00 - 2.99	.	209	815	86	7	.	.	.	.	.	1117
3.00 - 3.99	.	1	133	136	3	.	.	.	.	.	273
4.00 - 4.99	.	.	2	25	10	.	.	.	.	.	37
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1241	4037	1581	348	27	0	0	0	0	0	7234

STATION: 52 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	879	13	.	.	.	.	.	.	.	.	892
1.00 - 1.99	702	215	7	.	.	.	.	.	.	.	924
2.00 - 2.99	.	118	2	.	.	.	.	.	.	.	120
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1581	349	9	0	0	0	0	0	0	0	1939

STATION: 52 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	582	17	1	.	.	.	.	.	.	.	600
1.00 - 1.99	888	684	4	.	.	.	.	.	.	.	1576
2.00 - 2.99	.	522	.	.	.	.	.	.	.	.	522
3.00 - 3.99	.	21	.	.	.	.	.	.	.	.	21
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1470	1244	5	0	0	0	0	0	0	0	2719

STATION: 52 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4956	6208	6434	2368	774	269	43	10	5	.	21067
1.00 - 1.99	2562	15113	5400	2619	1414	348	50	9	2	.	27517
2.00 - 2.99	.	1595	4755	741	310	106	8	.	.	.	7515
3.00 - 3.99	.	28	634	989	117	24	4	.	.	.	1796
4.00 - 4.99	.	.	10	240	133	9	4	.	.	.	396
5.00 - 5.99	.	.	.	16	63	23	1	.	.	.	103
6.00 - 6.99	.	.	.	1	16	9	9	.	.	.	35
7.00 - 7.99	.	.	.	1	2	1	7	.	.	.	11
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7518	22944	17233	6975	2829	789	126	19	7	0	58440

STATION: 52

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	91	64	93	106	153	185	238	295	272	113	141	115	1866
2.50 - 4.99	789	674	898	1066	1506	1916	2042	2272	1950	1374	1117	938	16542
5.00 - 7.49	1078	982	1186	1306	1783	1642	1657	1569	1334	1301	1174	1115	16127
7.50 - 9.99	1472	1377	1492	1425	1251	934	948	772	885	1410	1316	1414	14696
10.00 - 12.49	752	742	706	581	190	76	59	49	256	511	577	652	5151
12.50 - 14.99	553	465	455	265	69	40	10	2	93	214	362	512	3040
15.00 - 17.49	128	109	78	30	5	2	1	1	9	36	51	124	574
17.50 - 19.99	76	93	35	20	3	5	5	.	1	1	45	86	370
20.00 - GREATER	21	14	17	1	.	.	.	.	.	.	17	4	74
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.25 N, LONG: 75.25 W, DEPTH: 22 M

STATION: 52

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION	WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	1066	777	702	623	539	336	308	412	889	995	952	897	8496
22.50 - 67.49	(45.0)	453	504	417	334	559	450	275	449	1038	1122	527	504	6632
67.50 - 112.49	(90.0)	247	261	306	200	350	362	218	298	518	602	323	264	3949
112.50 - 157.49	(135.0)	244	250	356	326	411	369	280	367	489	382	325	240	4039
157.50 - 202.49	(180.0)	389	422	566	671	781	940	919	861	525	356	472	530	7432
202.50 - 247.49	(225.0)	704	663	864	1096	1225	1419	2007	1385	600	402	665	739	11769
247.50 - 292.49	(270.0)	716	710	754	845	709	646	722	783	367	475	642	824	8193
292.50 - 337.49	(315.0)	1141	933	995	705	386	278	231	405	374	626	894	962	7930
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 52

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.09	1.40	1.57	1.49	1.11	1.26	1.14	1.01	1.23	1.99	1.42	1.32	1.42
1957	1.55	1.55	1.35	1.34	1.06	1.13	0.94	1.08	1.12	1.41	1.50	1.73	1.31
1958	1.75	1.73	1.47	1.71	1.20	1.13	1.02	1.13	1.08	1.71	1.17	1.66	1.39
1959	1.61	1.64	1.60	1.39	0.95	0.85	1.11	0.90	1.19	1.39	1.68	1.62	1.33
1960	1.51	1.97	1.79	1.41	1.41	1.26	1.07	1.02	1.34	1.18	1.24	1.48	1.39
1961	1.49	1.68	1.35	1.58	1.29	1.29	0.90	1.06	1.26	1.40	1.38	1.31	1.33
1962	1.78	1.60	1.91	1.46	1.05	1.09	1.05	1.04	1.15	1.30	2.49	2.11	1.50
1963	1.71	1.85	1.53	1.33	1.23	1.04	0.88	0.80	1.32	1.68	1.48	1.41	1.35
1964	1.90	1.63	1.62	1.34	1.34	0.96	1.07	1.04	1.51	1.41	1.38	1.71	1.41
1965	1.68	1.71	1.26	1.24	0.95	1.03	1.09	0.83	1.12	1.44	1.28	1.18	1.23
1966	1.93	1.60	1.44	1.11	1.24	1.16	1.08	0.98	1.16	1.37	1.68	1.49	1.35
1967	1.38	1.82	1.50	1.57	1.37	1.18	1.23	0.94	1.46	1.18	1.33	1.61	1.38
1968	1.80	1.66	1.50	1.18	0.94	0.83	0.61	0.64	0.78	1.07	1.22	1.60	1.15
1969	1.72	2.38	1.52	1.39	1.32	0.90	0.85	1.04	1.25	1.69	1.59	1.85	1.45
1970	1.55	1.70	1.38	1.56	1.22	1.18	1.03	1.03	0.95	1.75	1.59	1.48	1.37
1971	1.83	1.58	1.70	1.26	1.28	0.84	1.16	1.07	1.36	1.49	1.44	1.92	1.41
1972	1.54	1.72	1.41	1.41	1.67	1.20	1.00	0.98	1.28	1.60	1.56	1.42	1.40
1973	1.67	1.70	1.64	1.44	1.18	0.94	0.77	0.81	0.91	1.22	1.32	1.71	1.27
1974	1.24	1.44	1.35	1.30	0.96	0.81	0.61	0.66	1.03	1.28	1.33	1.44	1.12
1975	1.57	1.38	1.78	1.48	0.85	0.97	1.18	0.61	1.13	1.22	1.41	1.69	1.27
MEAN	1.66	1.69	1.53	1.40	1.18	1.05	0.99	0.93	1.18	1.44	1.47	1.59	

STATION: 52

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	6612 1	461122	441022	441119	30 8 3	27 8 8	25 820	21 6 4	38 9 1	471010	34 9 7	31 724	6612 1
1957	37 923	4610 2	34 835	401020	24 7 7	3910 6	19 721	27 8 5	33 910	38 912	37 919	34 819	4610 2
1958	39 915	34 820	33 812	4812 9	26 835	22 736	21 723	25 813	29 816	5110 6	29 7 1	5411 6	5411 6
1959	461019	37 919	471117	37 935	28 821	21 720	29 718	19 618	33 812	28 722	36 9 3	4910 3	4910 3
1960	491210	5312 9	381017	33 9 0	33 8 4	32 9 0	38 919	25 7 3	331016	30 735	27 820	43 935	5312 9
1961	36 8 0	45 923	32 822	34 816	31 818	23 719	17 621	21 717	35 9 4	39 936	33 8 1	31 922	45 923
1962	4510 3	5511 3	711136	411017	22 6 1	31 816	27 917	31 916	5012 4	4711 8	741610	6412 9	741610
1963	40 935	4510 1	42 923	36 819	31 921	371013	23 722	23 722	33 9 6	4311 9	41 922	4310 9	4510 1
1964	501213	42 923	451120	35 919	4210 8	23 712	25 819	25 822	4812 4	341014	42 9 1	5511 0	5511 0
1965	4210 1	501119	36 821	31 821	19 621	19 636	21 722	17 623	29 8 2	40 917	32 821	36 8 1	501119
1966	5411 4	491020	4410 5	29 722	28 8 1	4310 2	21 636	23 7 7	32 8 2	37 9 4	37 923	34 8 1	5411 4
1967	36 920	431123	411021	31 922	42 921	25 812	23 722	24 719	36 9 3	28 822	37 921	42 917	431123
1968	6012 4	7012 1	461019	32 819	28 812	20 721	12 519	19 7 2	1512 8	23 715	38 921	471119	7012 1
1969	38 9 0	551136	371018	391018	34 921	20 621	19 718	25 821	35 9 1	35 9 0	601313	42 916	601313
1970	411022	551217	34 819	371021	29 817	25 7 6	25 820	25 819	24 7 1	4812 7	39 936	42 914	551217
1971	451123	491120	5912 1	471013	32 919	17 624	34 821	471015	4010 9	36 814	35 9 1	42 910	5912 1
1972	38 9 1	35 916	29 821	34 836	4810 6	401116	23 723	25 8 3	30 8 2	29 8 1	31 817	28 718	4810 6
1973	34 9 3	5013 5	431023	401019	33 921	24 720	15 911	21 718	36 921	33 9 0	411021	401018	5013 5
1974	30 822	35 921	31 922	371018	28 818	19 720	14 623	17 6 1	3510 3	43 9 1	35 823	441013	441013
1975	45 936	451121	531115	40 824	14 427	5712 2	6113 2	13 523	24 7 4	42 9 1	46 8 1	451018	6113 2
MAX	6612 1	7012 1	711136	4812 9	4810 6	5712 2	6113 2	471015	5012 4	5110 6	741610	6412 9	

MAX Hmo(m): 7.4 MAX Tp(sec): 16. MAX Dp(deg): 97. DATE(gmt): 62112803

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 290. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.50 N, LONG: 75.25 W, DEPTH: 27 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 53

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	21	28	77	125	73	96	170	219	50	67	83	71	1080
0.50 - 0.99	919	945	1137	1387	2032	2549	2870	3017	2237	1391	1180	1069	20733
1.00 - 1.49	1595	1227	1528	1690	1877	1562	1553	1318	1381	1597	1499	1453	18280
1.50 - 1.99	973	966	1085	857	605	398	290	318	509	854	1020	1031	8906
2.00 - 2.49	648	697	606	401	195	99	38	70	341	475	577	667	4814
2.50 - 2.99	403	305	306	181	102	43	18	13	143	262	225	342	2343
3.00 - 3.49	189	150	115	86	48	18	5	2	83	155	101	161	1113
3.50 - 3.99	85	75	53	47	9	20	3	1	35	97	47	72	544
4.00 - 4.49	54	39	21	19	10	11	5	1	9	33	13	52	267
4.50 - 4.99	29	21	11	6	6	1	2	1	9	22	10	17	135
5.00 - 5.49	14	23	6	1	3	1	1	.	3	7	6	8	73
5.50 - 5.99	16	25	4	.	.	.	2	.	.	.	13	6	66
6.00 - 6.49	6	13	3	.	.	2	2	.	.	.	5	8	39
6.50 - 6.99	6	2	2	.	.	.	1	.	.	.	2	3	16
7.00 - 7.49	2	2	2	.	.	.	.	.	.	.	6	.	12
7.50 - 7.99	.	2	1	.	.	.	.	.	.	.	7	.	10
8.00 - 8.49	.	.	1	.	.	.	.	.	.	.	4	.	5
8.50 - 8.99	.	.	2	.	.	.	.	.	.	.	2	.	4
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 53

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	64	80	122	150	104	116	175	131	55	89	90	98	1274
4.0 - 4.9	592	518	687	802	744	787	920	809	478	472	562	636	8007
5.0 - 5.9	582	630	697	600	746	723	688	765	582	600	670	587	7870
6.0 - 6.9	785	725	825	736	849	1166	961	1128	792	864	686	703	10220
7.0 - 7.9	805	755	802	719	812	1046	1077	1094	1023	953	679	698	10463
8.0 - 8.9	560	488	599	539	754	567	660	560	708	818	580	534	7367
9.0 - 9.9	430	360	386	430	521	226	343	280	539	536	380	562	4993
10.0 - 10.9	364	314	252	354	224	121	91	87	319	278	331	461	3196
11.0 - 11.9	364	240	263	205	117	37	20	54	211	172	313	301	2297
12.0 - 12.9	234	213	158	133	47	11	6	34	58	105	223	178	1400
13.0 - 13.9	85	131	98	87	21	.	7	9	16	54	151	112	771
14.0 - 14.9	45	46	23	38	13	.	8	5	7	18	86	61	350
15.0 - 15.9	27	12	26	6	5	.	4	4	4	1	37	20	146
16.0 - 16.9	11	3	18	1	2	.	.	.	8	.	5	6	54
17.0 - 17.9	7	4	1	.	1	.	.	.	.	.	2	1	16
18.0 - 18.9	4	.	1	.	.	.	.	.	.	.	4	2	11
19.0 - 19.9	1	1	2	.	.	.	.	.	.	.	1	.	5
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 53

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	869	613	605	424	165	89	102	119	203	448	603	658	4898
11.25 - 33.74 (22.5)	375	276	229	146	188	82	99	164	400	431	275	274	2939
33.75 - 56.24 (45.0)	346	414	325	304	304	173	92	270	461	477	384	340	3890
56.25 - 78.74 (67.5)	668	620	692	588	606	281	149	281	956	946	925	673	7385
78.75 - 101.24 (90.0)	336	321	275	337	604	363	271	274	822	804	576	583	5566
101.25 - 123.74 (112.5)	541	221	295	355	766	973	1602	1528	1038	609	338	352	8618
123.75 - 146.24 (135.0)	129	193	209	235	351	627	333	561	269	321	170	154	3552
146.25 - 168.74 (157.5)	186	285	320	310	415	451	189	300	173	174	216	273	3292
168.75 - 191.24 (180.0)	320	405	589	609	563	704	675	611	122	211	277	393	5479
191.25 - 213.74 (202.5)	258	271	395	490	436	534	726	363	120	94	261	246	4194
213.75 - 236.24 (225.0)	133	118	176	266	195	253	370	213	65	64	100	119	2072
236.25 - 258.74 (247.5)	66	74	65	133	115	120	169	122	43	54	65	98	1124
258.75 - 281.24 (270.0)	140	136	127	155	96	60	92	57	29	69	117	187	1265
281.25 - 303.74 (292.5)	128	142	176	118	52	27	35	23	23	53	128	144	1049
303.75 - 326.24 (315.0)	162	171	197	152	48	33	28	25	33	84	140	163	1236
326.25 - 348.74 (337.5)	303	260	285	178	56	30	28	49	43	121	225	303	1881
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.50 N, LONG: 75.25 W, DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 53 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	566	751	2	.	.	.	.	.	.	.	1319
1.00 - 1.99	260	2806	682	.	.	.	.	.	.	.	3748
2.00 - 2.99	.	345	1704	4	.	.	.	.	.	.	2053
3.00 - 3.99	.	3	277	112	.	.	.	.	.	.	392
4.00 - 4.99	.	.	13	71	.	.	.	.	.	.	84
5.00 - 5.99	.	.	.	30	12	.	.	.	.	.	42
6.00 - 6.99	.	.	.	.	12	.	.	.	.	.	12
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	826	3905	2678	217	25	0	0	0	0	0	7651

STATION: 53 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	395	480	542	480	218	118	14	3	.	.	2250
1.00 - 1.99	72	2140	940	786	527	84	25	.	.	.	4574
2.00 - 2.99	.	83	841	186	190	59	2	.	.	.	1361
3.00 - 3.99	.	.	91	245	51	25	4	.	.	.	416
4.00 - 4.99	.	.	.	65	48	13	.	.	.	.	126
5.00 - 5.99	.	.	.	18	32	13	1	.	.	.	64
6.00 - 6.99	.	.	.	1	15	4	2	.	.	.	22
7.00 - 7.99	.	.	.	.	2	4	3	.	.	.	9
8.00 - 8.99	.	.	.	.	.	2	1	.	.	.	3
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	467	2703	2414	1781	1083	322	52	3	0	0	8825

STATION: 53 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	289	810	2592	1725	666	240	39	12	2	.	6375
1.00 - 1.99	53	1394	1381	1389	1143	374	78	12	3	.	5827
2.00 - 2.99	.	37	489	193	230	90	6	.	.	.	1045
3.00 - 3.99	.	.	45	152	67	41	2	.	.	.	307
4.00 - 4.99	.	.	1	54	48	10	6	.	.	.	119
5.00 - 5.99	.	.	.	1	15	5	3	.	.	.	24
6.00 - 6.99	.	.	.	.	8	13	.	.	.	.	21
7.00 - 7.99	.	.	.	.	.	4	8	.	.	.	12
8.00 - 8.99	.	.	.	.	.	.	6	.	.	.	6
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	342	2241	4508	3514	2177	777	148	24	5	0	13736

STATION: 53 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	318	1355	3229	638	40	1	.	.	.	.	5581
1.00 - 1.99	89	1210	922	559	116	6	.	.	.	.	2902
2.00 - 2.99	.	79	365	163	43	2	.	.	.	.	652
3.00 - 3.99	.	.	69	98	24	7	.	.	.	.	198
4.00 - 4.99	.	.	.	19	8	1	.	.	.	.	28
5.00 - 5.99	.	.	.	1	4	3	.	.	.	.	8
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	407	2644	4585	1478	235	20	0	0	0	0	9369

STATION: 53 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	838	1484	690	146	12	.	.	.	.	.	3170
1.00 - 1.99	291	2864	1185	434	77	.	.	.	.	.	4851
2.00 - 2.99	.	173	750	280	51	2	.	.	.	.	1256
3.00 - 3.99	.	.	144	135	21	.	.	.	.	.	300
4.00 - 4.99	.	.	4	38	3	.	.	.	.	.	45
5.00 - 5.99	.	.	.	.	1	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1129	4521	2773	1033	165	2	0	0	0	0	9623

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.50 N, LONG: 75.25 W, DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 53 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1115	183	76	11	.	.	.	.	.	.	1385
1.00 - 1.99	1635	558	532	50	3	.	.	.	.	.	2778
2.00 - 2.99	.	30	185	101	8	.	.	.	.	.	324
3.00 - 3.99	.	2	.	4	1	.	.	.	.	.	7
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2750	773	793	166	12	0	0	0	0	0	4494

STATION: 53 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1142			.	.	.	.	.	.	.	1142
1.00 - 1.99	810	257	2	.	.	.	.	.	.	.	1069
2.00 - 2.99	.	99	.	.	.	.	.	.	.	.	99
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1952	359	2	0	0	0	0	0	0	0	2313

STATION: 53 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	577	14		.	.	.	.	.	.	.	591
1.00 - 1.99	831	577	29	.	.	.	.	.	.	.	1437
2.00 - 2.99	.	320	47	.	.	.	.	.	.	.	367
3.00 - 3.99	.	33	1	.	.	.	.	.	.	.	34
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1408	944	77	0	0	0	0	0	0	0	2429

STATION: 53 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5240	5077	7131	3000	936	359	53	15	2	.	21813
1.00 - 1.99	4041	11806	5673	3218	1866	464	103	12	3	.	27186
2.00 - 2.99	.	1166	4381	927	522	153	8	.	.	.	7157
3.00 - 3.99	.	41	627	746	164	73	6	.	.	.	1657
4.00 - 4.99	.	.	18	247	107	24	6	.	.	.	402
5.00 - 5.99	.	.	.	50	64	21	4	.	.	.	139
6.00 - 6.99	.	.	.	1	35	17	2	.	.	.	55
7.00 - 7.99	.	.	.	.	3	8	11	.	.	.	22
8.00 - 8.99	.	.	.	.	.	2	7	.	.	.	9
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9281	18090	17830	8189	3697	1121	200	27	5	0	58440

STATION: 53

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	88	67	93	105	167	186	239	279	267	105	137	112	1845
2.50 - 4.99	832	700	916	1101	1552	2029	2111	2376	2048	1437	1140	952	17194
5.00 - 7.49	1070	1020	1241	1356	1819	1615	1696	1585	1273	1319	1198	1148	16340
7.50 - 9.99	1495	1348	1481	1419	1189	859	864	672	884	1381	1294	1405	14291
10.00 - 12.49	710	735	664	536	176	69	35	45	242	475	569	633	4889
12.50 - 14.99	535	446	440	237	48	36	9	2	76	211	353	502	2895
15.00 - 17.49	131	104	75	27	8	2	1	1	9	30	48	115	551
17.50 - 19.99	76	87	34	18	1	4	5	.	1	2	45	89	362
20.00 - GREATER	23	13	16	1							16	4	73
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.50 N, LONG: 75.25 W, DEPTH: 27 M

STATION: 53

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	1078	786	696	620	561	344	327	426	910	1024	945	888	8605
22.50 - 67.49	(45.0)	437	497	414	320	531	433	251	432	989	1071	498	489	6362
67.50 - 112.49	(90.0)	237	247	291	194	343	353	222	303	503	599	311	260	3863
112.50 - 157.49	(135.0)	253	263	370	345	418	390	277	362	500	394	324	246	4142
157.50 - 202.49	(180.0)	385	421	576	667	792	941	926	847	529	351	481	527	7443
202.50 - 247.49	(225.0)	688	637	823	1065	1209	1403	1974	1375	606	405	666	705	11556
247.50 - 292.49	(270.0)	717	697	745	852	703	641	715	789	374	483	642	854	8212
292.50 - 337.49	(315.0)	1165	972	1045	737	403	295	268	426	389	633	933	991	8257
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 53

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.26	1.29	1.47	1.40	1.07	1.20	1.03	0.98	1.28	2.08	1.42	1.23	1.39
1957	1.49	1.56	1.38	1.29	1.01	1.12	0.88	1.05	1.09	1.44	1.48	1.67	1.29
1958	1.74	1.70	1.52	1.75	1.18	1.07	0.94	1.09	1.05	1.81	1.15	1.70	1.39
1959	1.60	1.53	1.52	1.34	0.90	0.80	1.08	0.89	1.18	1.36	1.69	1.63	1.29
1960	1.50	1.95	1.78	1.30	1.39	1.23	1.00	0.97	1.32	1.20	1.25	1.50	1.36
1961	1.48	1.63	1.29	1.41	1.24	1.19	0.82	1.01	1.32	1.47	1.41	1.25	1.29
1962	1.73	1.61	2.06	1.36	1.06	1.05	0.99	1.01	1.18	1.29	2.61	2.16	1.51
1963	1.71	1.83	1.42	1.23	1.19	0.98	0.82	0.76	1.36	1.71	1.46	1.39	1.32
1964	1.87	1.58	1.53	1.26	1.34	0.91	1.02	1.01	1.53	1.38	1.31	1.73	1.37
1965	1.72	1.70	1.20	1.19	0.89	1.01	1.02	0.78	1.12	1.43	1.29	1.20	1.21
1966	1.96	1.53	1.39	1.07	1.17	1.14	1.02	0.92	1.12	1.37	1.77	1.57	1.34
1967	1.37	1.77	1.47	1.52	1.31	1.15	1.10	0.90	1.48	1.16	1.31	1.63	1.34
1968	1.90	1.78	1.45	1.26	0.93	0.78	0.58	0.63	0.85	1.09	1.22	1.61	1.17
1969	1.82	2.55	1.60	1.35	1.29	0.89	0.82	0.99	1.28	1.74	1.65	1.82	1.48
1970	1.51	1.68	1.33	1.58	1.19	1.13	0.98	0.98	0.93	1.79	1.66	1.45	1.35
1971	1.76	1.49	1.67	1.21	1.19	0.81	1.08	1.05	1.36	1.48	1.44	1.86	1.37
1972	1.46	1.70	1.36	1.28	1.70	1.12	0.93	0.94	1.33	1.61	1.55	1.41	1.36
1973	1.65	1.73	1.64	1.33	1.14	0.92	0.77	0.77	0.91	1.20	1.23	1.66	1.24
1974	1.17	1.43	1.30	1.19	0.93	0.78	0.59	0.67	1.06	1.28	1.38	1.47	1.10
1975	1.62	1.33	1.77	1.45	0.90	0.97	1.21	0.60	1.16	1.26	1.46	1.82	1.30
MEAN	1.67	1.67	1.51	1.34	1.15	1.01	0.93	0.90	1.20	1.46	1.49	1.59	

STATION: 53

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	7213 5	29 920	39 836	46 919	30 8 3	27 8 8	20 819	19 7 4	41 9 1	4810 9	33 9 6	27 631	7213 5
1957	33 8 0	4710 3	34 8 0	34 918	22 7 5	4111 9	15 6 3	25 8 5	32 910	44 911	37 819	36 9 0	4710 3
1958	40 9 3	32 835	33 811	5212 9	25 8 1	22 736	17 622	27 810	26 815	5411 5	31 7 0	6011 6	6011 6
1959	381019	32 819	47 916	36 9 1	22 820	19 619	28 818	21 636	31 812	29 716	37 8 2	5110 4	5110 4
1960	5913 7	6213 7	39 9 2	34 9 1	3412 9	32 836	32 917	25 7 3	29 914	33 735	25 8 1	48 935	6213 7
1961	37 8 0	431013	30 813	33 816	30 818	22 719	14 621	19 717	3810 9	45 835	35 8 1	25 718	45 835
1962	4810 1	6010 3	8515 6	391018	21 6 1	31 9 8	26 916	28 915	5411 3	4610 5	8515 8	6712 8	8515 8
1963	40 9 0	4810 2	43 917	37 819	28 820	381012	17 721	18 721	32 9 6	4411 8	39 914	4310 9	4810 2
1964	511112	4310 3	36 919	34 919	4210 7	21 814	25 819	24 819	5112 5	351012	45 9 2	5911 2	5911 2
1965	4510 3	471015	28 819	29 718	16 6 1	22 8 7	20 719	16 535	28 8 4	4110 7	26 719	39 8 1	471015
1966	6512 3	42 919	4710 5	22 7 1	28 7 1	4310 3	21 6 0	23 7 7	33 8 3	3710 5	36 815	33 8 5	6512 3
1967	31 818	37 8 7	33 8 2	32 835	35 819	23 7 3	20 718	23 719	36 9 3	25 7 0	28 719	45 918	45 918
1968	6512 5	7713 5	461018	33 819	31 812	16 720	12 518	19 6 2	1812 7	23 714	32 633	491018	7713 5
1969	4511 5	6011 2	4112 5	38 919	271018	21 617	19 618	20 635	3513 7	36 9 2	581313	42 916	6011 2
1970	35 9 5	511116	33 818	38 918	27 816	23 7 5	22 718	27 7 8	24 717	5112 5	421111	41 914	5112 5
1971	45 935	431017	6612 4	46 912	31 918	14 620	29 9 8	46 915	4010 8	38 814	37 8 1	4110 7	6612 4
1972	39 9 1	34 914	29 718	36 836	5411 6	401014	20 716	24 8 3	32 7 1	30 8 1	32 817	27 718	5411 6
1973	36 9 4	5510 2	401019	37 918	33 818	18 721	16 910	19 718	32 719	34 9 1	321019	401018	5510 2
1974	25 7 0	36 818	26 810	36 819	27 817	15 710	12 536	18 6 1	34 9 4	45 9 1	33 835	451012	451012
1975	48 9 0	341119	561111	43 935	15 535	6412 4	6714 5	12 5 5	25 7 4	44 9 2	5511 5	4710 0	6714 5
MAX	7213 5	7713 5	8515 6	5212 9	5411 6	6412 4	6714 5	46 915	5411 3	5411 5	8515 8	6712 8	

MAX Hmo(m): 8.5 MAX Tp(sec): 15. MAX Dp(deg): 76. DATE(gmt): 62112806

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 290. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.75 N, LONG: 75.25 W, DEPTH: 29 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 54

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	26	45	91	144	84	135	199	249	61	76	97	81	1288
0.50 - 0.99	1021	982	1244	1481	2157	2688	3042	3136	2310	1457	1265	1138	21921
1.00 - 1.49	1583	1245	1500	1715	1808	1464	1463	1220	1339	1601	1488	1438	17864
1.50 - 1.99	925	927	1029	828	579	335	190	275	494	818	964	1008	8372
2.00 - 2.49	555	642	585	325	167	92	31	65	319	459	533	599	4372
2.50 - 2.99	418	335	288	143	97	33	15	10	144	237	232	325	2277
3.00 - 3.49	203	150	113	88	41	20	5	2	81	150	105	203	1161
3.50 - 3.99	104	67	58	42	12	20	4	1	33	99	48	78	566
4.00 - 4.49	43	38	19	26	7	9	3	2	8	32	12	43	242
4.50 - 4.99	34	19	13	7	5	1	2	.	8	22	13	19	143
5.00 - 5.49	15	26	4	1	2	1	1	.	2	8	10	8	78
5.50 - 5.99	16	21	5	.	1	.	2	.	1	1	9	12	68
6.00 - 6.49	8	16	3	.	.	1	2	.	.	.	3	8	41
6.50 - 6.99	5	3	3	.	.	1	1	.	.	.	3	.	16
7.00 - 7.49	4	3	.	.	.	.	.	.	.	.	6	.	13
7.50 - 7.99	.	1	2	.	.	.	.	.	.	.	5	.	8
8.00 - 8.49	.	.	1	.	.	.	.	.	.	.	7	.	8
8.50 - 8.99	.	.	2	.	.	.	.	.	.	.	.	.	2
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 54

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	74	108	141	182	127	149	206	149	61	112	105	112	1526
4.0 - 4.9	665	596	757	930	890	913	1159	900	501	501	597	691	9100
5.0 - 5.9	618	621	702	670	743	680	632	698	592	660	662	573	7851
6.0 - 6.9	801	771	858	726	747	1091	798	1102	761	853	728	710	9946
7.0 - 7.9	797	759	796	622	773	1017	1053	1100	1095	922	685	727	10346
8.0 - 8.9	552	453	557	479	758	550	660	538	692	793	573	547	7152
9.0 - 9.9	385	325	357	379	504	231	331	291	511	499	356	517	4686
10.0 - 10.9	345	282	230	352	224	122	78	74	313	278	330	424	3052
11.0 - 11.9	353	222	255	208	109	34	17	62	203	171	291	301	2226
12.0 - 12.9	207	195	146	125	43	13	6	25	50	97	224	173	1304
13.0 - 13.9	84	127	94	83	20	.	9	13	9	60	136	113	748
14.0 - 14.9	42	38	32	41	17	.	7	5	2	12	72	43	311
15.0 - 15.9	17	16	15	1	3	.	4	2	6	2	29	19	114
16.0 - 16.9	13	3	15	2	1	.	.	1	4	.	6	9	54
17.0 - 17.9	5	2	4	.	1	.	.	.	.	.	2	1	15
18.0 - 18.9	1	1	1	.	.	.	.	.	.	.	2	.	5
19.0 - 19.9	1	.	.	.	.	.	.	.	.	.	2	.	3
20.0 - LONGER	.	1	.	.	.	.	.	.	.	.	.	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 54

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	751	507	511	387	159	87	91	130	246	423	538	561	4391
11.25 - 33.74 (22.5)	364	264	214	143	194	82	99	158	367	424	259	271	2839
33.75 - 56.24 (45.0)	331	403	338	287	300	166	90	258	445	431	356	315	3720
56.25 - 78.74 (67.5)	672	612	682	597	594	279	152	291	920	926	927	679	7331
78.75 - 101.24 (90.0)	322	296	268	350	614	363	287	347	845	821	563	563	5639
101.25 - 123.74 (112.5)	524	241	322	357	771	1010	1595	1461	1055	615	345	350	8646
123.75 - 146.24 (135.0)	119	213	228	224	375	629	351	608	267	305	187	171	3677
146.25 - 168.74 (157.5)	208	302	336	390	455	492	229	317	191	188	216	247	3571
168.75 - 191.24 (180.0)	306	376	589	568	575	763	721	594	123	200	304	421	5540
191.25 - 213.74 (202.5)	155	156	245	356	288	350	521	265	90	71	151	155	2803
213.75 - 236.24 (225.0)	141	103	169	242	219	261	405	251	69	60	104	118	2142
236.25 - 258.74 (247.5)	98	113	83	178	133	135	190	107	41	65	94	114	1351
258.75 - 281.24 (270.0)	155	168	155	173	102	65	96	64	28	86	135	203	1430
281.25 - 303.74 (292.5)	118	133	163	145	54	44	45	32	27	63	112	146	1082
303.75 - 326.24 (315.0)	160	156	178	142	58	30	37	27	26	76	135	164	1189
326.25 - 348.74 (337.5)	536	477	479	261	69	44	51	50	60	206	374	482	3089
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.75 N, LONG: 75.25 W, DEPTH: 29 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 54 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	665	749	.	.	.	.	.	.	.	.	1414
1.00 - 1.99	207	2947	371	.	.	.	.	.	.	.	3525
2.00 - 2.99	.	329	1780	2	.	.	.	.	.	.	2111
3.00 - 3.99	.	.	446	74	.	.	.	.	.	.	520
4.00 - 4.99	.	.	11	92	.	.	.	.	.	.	103
5.00 - 5.99	.	.	.	37	.	.	.	.	.	.	37
6.00 - 6.99	.	.	.	8	9	.	.	.	.	.	17
7.00 - 7.99	.	.	.	.	3	.	.	.	.	.	3
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	872	4025	2608	213	12	0	0	0	0	0	7730

STATION: 54 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	401	516	549	552	304	122	13	2	.	.	2459
1.00 - 1.99	69	2085	893	741	585	90	11	.	.	.	4474
2.00 - 2.99	.	69	792	165	166	66	.	.	.	.	1258
3.00 - 3.99	.	.	108	211	36	30	4	.	.	.	389
4.00 - 4.99	.	.	2	58	51	9	.	.	.	.	120
5.00 - 5.99	.	.	.	26	32	13	2	.	.	.	73
6.00 - 6.99	.	.	.	1	15	9	2	.	.	.	27
7.00 - 7.99	.	.	.	.	4	3	1	.	.	.	8
8.00 - 8.99	.	.	.	.	.	2	1	.	.	.	3
9.00 - GREATER											0
TOTAL	470	2670	2344	1754	1193	344	34	2	0	0	8811

STATION: 54 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	335	838	2686	1852	625	232	45	11	3	.	6627
1.00 - 1.99	61	1387	1365	1286	1054	345	64	7	1	.	5570
2.00 - 2.99	.	44	444	155	193	66	2	.	.	.	904
3.00 - 3.99	.	.	57	172	70	28	2	.	.	.	329
4.00 - 4.99	.	.	.	53	32	8	6	.	.	.	99
5.00 - 5.99	.	.	.	3	17	7	1	.	.	.	28
6.00 - 6.99	.	.	.	.	5	8	.	.	.	.	13
7.00 - 7.99	.	.	.	.	.	2	8	.	.	.	10
8.00 - 8.99	.	.	.	.	.	1	6	.	.	.	7
9.00 - GREATER											0
TOTAL	396	2269	4552	3521	1996	697	134	18	4	0	13587

STATION: 54 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	362	1464	3461	630	34	.	.	.	.	.	5951
1.00 - 1.99	84	1205	948	555	111	8	.	.	.	.	2911
2.00 - 2.99	.	69	366	180	38	2	.	.	.	.	655
3.00 - 3.99	.	.	58	84	17	7	.	.	.	.	166
4.00 - 4.99	.	.	3	11	9	1	.	.	.	.	24
5.00 - 5.99	.	.	.	1	6	.	.	.	.	.	7
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	446	2738	4836	1461	215	18	0	0	0	0	9714

STATION: 54 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	940	1447	684	121	7	.	.	.	.	.	3199
1.00 - 1.99	406	2575	1138	328	51	.	.	.	.	.	4498
2.00 - 2.99	.	167	644	186	43	.	.	.	.	.	1040
3.00 - 3.99	.	.	144	93	5	.	.	.	.	.	242
4.00 - 4.99	.	.	2	32	2	.	.	.	.	.	36
5.00 - 5.99	.	.	.	1	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	1346	4189	2612	761	108	0	0	0	0	0	9016

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.75 N, LONG: 75.25 W, DEPTH: 29 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 54 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1458	17	21	.	.	.	.	.	.	.	1496
1.00 - 1.99	2028	350	107	17	4	.	.	.	.	.	2506
2.00 - 2.99	.	92	5	7	2	.	.	.	.	.	106
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3486	459	133	24	6	0	0	0	0	0	4108

STATION: 54 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1338	.	.	.	.	.	.	.	.	.	1338
1.00 - 1.99	888	278	.	.	.	.	.	.	.	.	1166
2.00 - 2.99	.	110	.	.	.	.	.	.	.	.	110
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2226	391	0	0	0	0	0	0	0	0	2617

STATION: 54 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	677	48	.	.	.	.	.	.	.	.	725
1.00 - 1.99	707	818	61	.	.	.	.	.	.	.	1586
2.00 - 2.99	.	180	285	.	.	.	.	.	.	.	465
3.00 - 3.99	.	10	67	1	.	.	.	.	.	.	78
4.00 - 4.99	.	.	.	3	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1384	1056	413	4	0	0	0	0	0	0	2857

STATION: 54 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	6176	5079	7401	3155	970	354	58	13	3	.	23209
1.00 - 1.99	4450	11645	4883	2927	1805	443	75	7	1	.	26236
2.00 - 2.99	.	1060	4316	695	442	134	2	.	.	.	6649
3.00 - 3.99	.	13	880	635	128	65	6	.	.	.	1727
4.00 - 4.99	.	.	18	249	94	18	6	.	.	.	385
5.00 - 5.99	.	.	.	68	55	20	3	.	.	.	146
6.00 - 6.99	.	.	.	9	29	17	2	.	.	.	57
7.00 - 7.99	.	.	.	.	7	5	9	.	.	.	21
8.00 - 8.99	.	.	.	.	.	3	7	.	.	.	10
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	10626	17797	17498	7738	3530	1059	168	20	4	0	58440

STATION: 54

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	90	71	91	103	160	180	247	275	256	114	123	100	1810
2.50 - 4.99	855	713	930	1120	1588	2137	2160	2449	2089	1423	1166	970	17600
5.00 - 7.49	1086	1046	1277	1371	1860	1580	1746	1579	1284	1381	1204	1171	16585
7.50 - 9.99	1471	1338	1484	1449	1140	801	761	615	873	1362	1305	1381	13980
10.00 - 12.49	712	723	635	492	158	64	32	39	224	446	547	644	4716
12.50 - 14.99	514	429	428	220	46	32	8	3	66	202	346	487	2781
15.00 - 17.49	129	104	64	23	7	2	1	.	7	30	57	114	538
17.50 - 19.99	79	83	35	21	1	4	5	.	1	2	35	88	354
20.00 - GREATER	24	13	16	1	.	.	.	.	.	.	17	5	76
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 35.75 N, LONG: 75.25 W, DEPTH: 29 M

STATION: 54

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	1068	771	713	620	549	337	350	453	932	1027	922	876	8618
22.50 - 67.49	(45.0)	410	492	385	314	545	436	230	423	933	1017	479	465	6129
67.50 - 112.49	(90.0)	236	240	294	186	331	337	205	302	483	607	291	253	3765
112.50 - 157.49	(135.0)	246	279	372	352	422	403	300	366	504	396	340	253	4233
157.50 - 202.49	(180.0)	399	421	563	688	798	944	914	831	539	354	462	528	7441
202.50 - 247.49	(225.0)	678	614	809	1034	1185	1388	1961	1360	607	390	686	691	11403
247.50 - 292.49	(270.0)	700	683	740	832	693	624	686	776	376	486	641	854	8091
292.50 - 337.49	(315.0)	1223	1020	1084	774	437	331	314	449	426	683	979	1040	8760
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 54

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.28	1.25	1.42	1.34	1.03	1.15	0.97	0.95	1.26	2.04	1.40	1.20	1.36
1957	1.45	1.51	1.37	1.24	0.97	1.09	0.84	1.01	1.06	1.44	1.45	1.63	1.26
1958	1.75	1.75	1.54	1.74	1.15	1.02	0.88	1.06	1.02	1.81	1.15	1.68	1.38
1959	1.61	1.48	1.47	1.29	0.86	0.77	1.04	0.87	1.14	1.32	1.65	1.60	1.26
1960	1.50	1.95	1.78	1.25	1.32	1.19	0.95	0.94	1.28	1.20	1.23	1.50	1.34
1961	1.48	1.59	1.26	1.34	1.21	1.13	0.79	0.97	1.31	1.45	1.43	1.23	1.26
1962	1.69	1.57	2.03	1.31	1.03	1.02	0.95	0.98	1.14	1.28	2.59	2.14	1.48
1963	1.68	1.80	1.39	1.20	1.15	0.93	0.79	0.74	1.34	1.68	1.43	1.39	1.29
1964	1.85	1.58	1.47	1.21	1.30	0.88	1.00	0.98	1.51	1.34	1.26	1.69	1.34
1965	1.71	1.66	1.16	1.18	0.85	0.99	0.95	0.77	1.10	1.39	1.28	1.18	1.18
1966	1.97	1.49	1.34	1.02	1.12	1.10	0.97	0.87	1.10	1.35	1.72	1.59	1.30
1967	1.37	1.73	1.42	1.48	1.27	1.10	1.01	0.88	1.46	1.13	1.29	1.61	1.31
1968	1.89	1.78	1.44	1.23	0.92	0.75	0.57	0.62	0.84	1.09	1.22	1.65	1.16
1969	1.85	2.59	1.64	1.30	1.24	0.87	0.79	0.95	1.25	1.69	1.64	1.86	1.47
1970	1.51	1.64	1.29	1.54	1.15	1.08	0.94	0.95	0.91	1.75	1.61	1.45	1.32
1971	1.73	1.44	1.64	1.17	1.14	0.78	1.03	1.02	1.31	1.45	1.41	1.79	1.33
1972	1.41	1.67	1.35	1.22	1.67	1.08	0.87	0.90	1.32	1.58	1.52	1.40	1.33
1973	1.64	1.72	1.62	1.27	1.10	0.90	0.76	0.75	0.90	1.17	1.21	1.67	1.22
1974	1.12	1.45	1.27	1.14	0.93	0.78	0.59	0.66	1.05	1.23	1.37	1.48	1.09
1975	1.58	1.28	1.75	1.44	0.89	0.96	1.16	0.58	1.14	1.26	1.44	1.78	1.27
MEAN	1.65	1.65	1.48	1.30	1.12	0.98	0.89	0.87	1.17	1.43	1.46	1.58	

STATION: 54

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	7211 1	31 819	40 9 1	47 9 4	30 7 3	26 8 7	18 819	19 7 4	3911 7	4510 9	31 9 6	31 833	7211 1
1957	33 735	4610 3	34 8 3	35 918	22 7 1	4110 5	16 6 1	24 8 5	32 9 9	461010	37 918	39 9 0	461010
1958	39 814	34 834	34 736	5411 7	28 836	221110	15 523	28 7 8	26 735	5812 5	32 7 0	6112 6	6112 6
1959	391019	30 818	481116	36 8 5	19 819	19 633	28 819	22 635	29 812	29 716	36 9 3	50 9 2	50 9 2
1960	5913 7	6213 7	39 917	34 836	3312 9	30 8 0	33 819	23 7 4	27 914	35 735	25 736	5011 4	6213 7
1961	38 836	441012	28 913	33 816	28 818	21 718	13 422	19 716	37 9 5	4811 4	35 8 1	25 734	4811 4
1962	5111 4	6010 3	8714 5	391019	20 6 2	32 8 7	27 914	27 814	5711 3	4410 5	8315 8	6413 9	8714 5
1963	41 9 2	5010 3	45 917	36 818	27 819	39 912	15 523	16 522	32 8 1	4410 7	39 913	4310 9	5010 3
1964	511112	46 835	37 919	34 919	4110 9	20 5 3	25 719	24 819	5112 6	361011	47 9 2	591036	591036
1965	46 935	451015	27 7 1	30 718	16 6 1	24 8 7	20 719	17 535	28 8 7	40 916	29 835	40 8 1	46 935
1966	6912 2	43 918	46 9 3	20 7 1	25 7 0	4111 5	21 636	21 7 7	33 8 3	35 9 2	35 815	34 835	6912 2
1967	31 818	36 9 3	33 835	35 835	35 818	21 6 2	19 619	23 719	37 9 4	23 7 0	30 836	45 918	45 918
1968	6712 5	7813 5	471018	32 819	31 8 9	14 719	12 515	19 7 3	1712 7	24 714	35 834	501018	7813 5
1969	4810 5	6211 2	4712 5	36 919	26 620	21 617	17 619	21 635	35 8 1	34 8 0	561212	41 816	6211 2
1970	37 834	491016	32 917	40 8 0	25 816	22 7 4	20 718	30 7 7	25 719	5212 6	421010	40 815	5212 6
1971	45 935	431017	6912 4	45 911	30 819	13 6 4	28 8 7	44 914	40 9 7	3810 4	37 8 1	3910 7	6912 4
1972	39 9 1	34 914	29 718	38 836	5510 5	391014	19 716	24 8 4	33 7 1	30 8 1	32 835	26 735	5510 5
1973	34 9 4	5610 3	41 920	36 817	34 818	16 719	16 910	19 718	33 817	32 8 0	32 835	391017	5610 3
1974	26 7 0	36 818	27 810	33 818	27 817	17 616	12 5 0	18 6 0	33 9 3	45 9 2	36 835	461011	461011
1975	5010 3	31 812	571112	44 935	16 534	6712 4	6714 5	12 422	23 7 4	45 9 2	5810 4	5010 1	6714 5
MAX	7211 1	7813 5	8714 5	5411 7	5510 5	6712 4	6714 5	44 914	5711 3	5812 5	8315 8	6413 9	

MAX Hmo(m): 8.7 MAX Tp(sec): 14. MAX Dp(deg): 54. DATE(gmt): 62030721

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 290. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.00 N LONG: 75.25 W DEPTH: 37 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 55

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	45	57	103	154	97	170	222	275	78	93	114	91	1499
0.50 - 0.99	1070	1019	1313	1538	2275	2831	3195	3227	2373	1495	1297	1177	22810
1.00 - 1.49	1517	1236	1462	1725	1755	1357	1341	1138	1302	1631	1470	1425	17359
1.50 - 1.99	900	858	961	750	513	268	143	232	476	727	901	950	7679
2.00 - 2.49	486	573	531	325	165	91	27	71	300	450	501	554	4074
2.50 - 2.99	365	358	284	129	89	31	13	10	140	247	236	302	2204
3.00 - 3.49	268	180	158	77	39	20	4	3	74	137	133	208	1301
3.50 - 3.99	142	93	80	55	12	15	3	2	33	109	62	124	730
4.00 - 4.49	75	51	31	31	7	12	4	2	11	34	29	58	345
4.50 - 4.99	31	19	13	12	3	2	2	.	7	17	14	34	154
5.00 - 5.49	26	24	6	3	4	1	1	.	4	15	11	15	110
5.50 - 5.99	11	23	5	1	1	.	2	.	1	4	7	13	68
6.00 - 6.49	10	20	3	.	.	.	.	.	1	1	3	7	45
6.50 - 6.99	9	5	3	.	.	2	3	.	.	.	3	2	27
7.00 - 7.49	5	2	2	.	.	.	.	.	.	.	4	.	13
7.50 - 7.99	.	2	1	.	.	.	.	.	.	.	4	.	7
8.00 - 8.49	.	.	2	.	.	.	.	.	.	.	7	.	9
8.50 - 8.99	.	.	2	.	.	.	.	.	.	.	4	.	6
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 55

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	85	120	169	193	153	174	236	188	67	118	101	113	1717
4.0 - 4.9	654	618	771	994	966	1003	1330	956	501	497	638	705	9633
5.0 - 5.9	795	745	914	859	821	761	707	737	661	719	803	721	9243
6.0 - 6.9	801	796	834	692	644	906	551	925	690	817	749	741	9146
7.0 - 7.9	775	689	727	521	660	944	973	1101	1099	929	648	666	9732
8.0 - 8.9	533	419	479	411	800	597	703	570	703	790	540	515	7060
9.0 - 9.9	342	297	335	357	516	244	340	300	518	496	315	485	4545
10.0 - 10.9	313	276	214	323	210	137	82	85	298	268	313	396	2915
11.0 - 11.9	314	211	231	198	105	31	15	56	201	167	263	282	2074
12.0 - 12.9	199	185	129	127	43	3	4	25	39	97	208	176	1235
13.0 - 13.9	70	110	86	81	20	.	7	10	13	46	134	93	670
14.0 - 14.9	47	34	37	41	16	.	9	4	.	16	62	42	308
15.0 - 15.9	10	13	15	3	4	.	3	3	6	.	17	16	90
16.0 - 16.9	12	6	14	.	2	.	.	.	4	.	2	7	47
17.0 - 17.9	5	.	4	.	.	.	.	.	.	.	3	2	14
18.0 - 18.9	3	.	1	.	.	.	.	.	.	.	2	.	6
19.0 - 19.9	2	1	.	.	.	.	.	.	.	.	2	.	5
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 55

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	698	449	436	353	145	88	108	136	239	393	482	511	4038
11.25 - 33.74 (22.5)	317	268	216	142	196	95	80	146	362	403	229	253	2707
33.75 - 56.24 (45.0)	283	359	290	262	277	156	98	259	401	386	331	294	3396
56.25 - 78.74 (67.5)	623	607	676	596	574	296	144	280	887	877	845	627	7032
78.75 - 101.24 (90.0)	320	306	279	344	593	346	261	308	745	810	526	541	5379
101.25 - 123.74 (112.5)	563	240	351	369	840	1026	1630	1519	1162	665	400	403	9168
123.75 - 146.24 (135.0)	139	281	290	301	455	708	429	675	309	347	215	211	4360
146.25 - 168.74 (157.5)	187	267	295	353	452	515	236	286	194	169	204	216	3374
168.75 - 191.24 (180.0)	190	222	373	430	393	558	514	475	92	140	221	289	3897
191.25 - 213.74 (202.5)	141	124	243	274	285	355	524	262	90	73	157	155	2683
213.75 - 236.24 (225.0)	175	138	210	301	267	289	462	284	90	80	142	149	2587
236.25 - 258.74 (247.5)	129	132	104	213	131	152	185	107	41	65	112	138	1509
258.75 - 281.24 (270.0)	172	187	185	193	125	72	104	71	30	96	127	204	1566
281.25 - 303.74 (292.5)	134	153	165	156	63	50	55	41	29	63	138	163	1210
303.75 - 326.24 (315.0)	293	331	359	265	90	40	52	45	40	157	293	334	2299
326.25 - 348.74 (337.5)	596	456	488	248	74	54	78	66	89	236	378	472	3235
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.00 N, LONG: 75.25 W, DEPTH: 37 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 55 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	746	687	1	.	.	.	.	.	.	.	1434
1.00 - 1.99	113	2726	245	.	.	.	.	.	.	.	3084
2.00 - 2.99	.	257	1497	.	.	.	.	.	.	.	1754
3.00 - 3.99	.	2	565	39	.	.	.	.	.	.	606
4.00 - 4.99	.	.	40	108	1	.	.	.	.	.	149
5.00 - 5.99	.	.	.	55	2	.	.	.	.	.	57
6.00 - 6.99	.	.	.	24	5	.	.	.	.	.	29
7.00 - 7.99	.	.	.	.	5	.	.	.	.	.	5
8.00 - 8.99	.	.	.	.	1	.	.	.	.	.	1
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	859	3672	2348	226	14	0	0	0	0	0	7119

STATION: 55 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	457	537	535	596	294	73	11	.	.	.	2503
1.00 - 1.99	57	1949	823	677	546	71	10	.	.	.	4133
2.00 - 2.99	.	59	735	143	124	41	1	.	.	.	1103
3.00 - 3.99	.	.	97	161	35	8	2	.	.	.	303
4.00 - 4.99	.	.	6	69	24	6	.	.	.	.	105
5.00 - 5.99	.	.	.	27	37	6	.	.	.	.	70
6.00 - 6.99	.	.	.	1	18	11	1	.	.	.	31
7.00 - 7.99	.	.	.	.	5	5	.	.	.	.	10
8.00 - 8.99	.	.	.	.	.	3	1	.	.	.	4
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	514	2545	2196	1674	1083	224	26	0	0	0	8262

STATION: 55 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	381	784	2655	1809	667	267	46	11	4	.	6624
1.00 - 1.99	58	1344	1327	1197	990	347	48	8	1	.	5320
2.00 - 2.99	.	44	429	180	161	67	.	.	.	.	881
3.00 - 3.99	.	.	55	156	54	30	5	.	.	.	300
4.00 - 4.99	.	.	3	64	33	9	5	.	.	.	114
5.00 - 5.99	.	.	.	6	21	4	2	.	.	.	33
6.00 - 6.99	.	.	.	.	6	5	.	1	.	.	12
7.00 - 7.99	.	.	.	.	.	3	2	.	.	.	5
8.00 - 8.99	.	.	.	.	.	7	3	.	.	.	10
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	439	2172	4469	3412	1932	739	111	20	5	0	13299

STATION: 55 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	415	1407	4031	921	66	.	.	.	.	.	6840
1.00 - 1.99	80	1227	1142	714	137	5	.	.	.	.	3305
2.00 - 2.99	.	80	389	156	42	4	.	.	.	.	671
3.00 - 3.99	.	.	70	70	15	4	.	.	.	.	159
4.00 - 4.99	.	.	4	21	6	2	.	.	.	.	33
5.00 - 5.99	.	.	.	2	5	.	.	.	.	.	7
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	495	2714	5636	1884	271	15	0	0	0	0	11015

STATION: 55 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1096	1199	324	36	2	.	.	.	.	.	2657
1.00 - 1.99	416	2192	392	76	2	.	.	.	.	.	3078
2.00 - 2.99	.	154	467	38	3	.	.	.	.	.	662
3.00 - 3.99	.	.	124	73	1	.	.	.	.	.	198
4.00 - 4.99	.	.	4	27	.	.	.	.	.	.	31
5.00 - 5.99	.	.	.	3	1	.	.	.	.	.	4
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1512	3545	1311	253	9	0	0	0	0	0	6630

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.00 N, LONG: 75.25 W, DEPTH: 37 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 55 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1821	1	6	.	.	.	.	.	.	.	1828
1.00 - 1.99	2234	673	.	2	.	.	.	.	.	.	2909
2.00 - 2.99	.	124	.	.	.	.	.	.	.	.	124
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4055	798	6	2	0	0	0	0	0	0	4861

STATION: 55 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1400	1	.	.	.	.	.	.	.	.	1401
1.00 - 1.99	1013	296	.	.	.	.	.	.	.	.	1309
2.00 - 2.99	.	136	.	.	.	.	.	.	.	.	136
3.00 - 3.99	.	4	.	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2413	437	0	0	0	0	0	0	0	0	2850

STATION: 55 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	772	250	.	.	.	.	.	.	.	.	1022
1.00 - 1.99	291	1603	6	.	.	.	.	.	.	.	1900
2.00 - 2.99	.	652	295	.	.	.	.	.	.	.	947
3.00 - 3.99	.	1	460	.	.	.	.	.	.	.	461
4.00 - 4.99	.	.	64	3	.	.	.	.	.	.	67
5.00 - 5.99	.	.	1	6	.	.	.	.	.	.	7
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1063	2506	826	9	0	0	0	0	0	0	4404

STATION: 55 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	7088	4866	7552	3362	1029	340	57	11	4	.	24309
1.00 - 1.99	4262	12010	3935	2666	1675	423	58	8	1	.	25038
2.00 - 2.99	.	1506	3812	517	330	112	1	.	.	.	6278
3.00 - 3.99	.	7	1371	499	105	42	7	.	.	.	2031
4.00 - 4.99	.	.	121	292	64	17	5	.	.	.	499
5.00 - 5.99	.	.	1	99	66	10	2	.	.	.	178
6.00 - 6.99	.	.	.	25	29	16	1	1	.	.	72
7.00 - 7.99	.	.	.	.	10	8	2	.	.	.	20
8.00 - 8.99	.	.	.	.	1	10	4	.	.	.	15
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11350	18389	16792	7460	3309	978	137	20	5	0	58440

STATION: 55

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	81	77	86	102	146	166	232	249	237	102	111	90	1679
2.50 - 4.99	852	707	940	1119	1638	2198	2238	2512	2115	1454	1182	984	17939
5.00 - 7.49	1118	1069	1302	1422	1901	1591	1748	1565	1316	1407	1223	1190	16852
7.50 - 9.99	1485	1348	1473	1445	1077	749	703	594	852	1335	1295	1383	13739
10.00 - 12.49	681	696	619	459	150	58	26	36	201	430	528	632	4516
12.50 - 14.99	503	425	421	209	40	33	7	4	72	200	349	463	2726
15.00 - 17.49	132	103	69	19	7	2	1	.	6	27	61	123	550
17.50 - 19.99	82	79	35	24	1	3	5	.	1	5	35	87	357
20.00 - GREATER	26	16	15	1	.	.	.	.	.	.	16	8	82
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.00 N, LONG: 75.25 W, DEPTH: 37 M

STATION: 55

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	1042	776	725	609	545	342	339	462	952	1024	898	847	8561
22.50 - 67.49 (45.0)	423	484	372	296	541	435	234	418	896	977	462	452	5990
67.50 - 112.49 (90.0)	233	252	291	199	331	332	185	314	450	569	290	257	3703
112.50 - 157.49 (135.0)	241	287	376	358	441	406	326	385	489	403	322	245	4279
157.50 - 202.49 (180.0)	392	413	552	687	769	936	905	787	568	358	467	530	7364
202.50 - 247.49 (225.0)	680	586	793	1017	1172	1393	1941	1349	610	397	687	679	11304
247.50 - 292.49 (270.0)	700	673	718	842	711	608	655	765	375	495	653	847	8042
292.50 - 337.49 (315.0)	1249	1049	1133	792	450	348	375	480	460	737	1021	1103	9197
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 55

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.36	1.23	1.41	1.33	1.00	1.11	0.93	0.93	1.26	2.03	1.42	1.21	1.35
1957	1.44	1.47	1.40	1.22	0.94	1.08	0.82	0.99	1.03	1.46	1.45	1.64	1.25
1958	1.82	1.93	1.60	1.74	1.13	0.99	0.86	1.04	1.01	1.86	1.18	1.70	1.40
1959	1.69	1.46	1.46	1.27	0.83	0.75	1.01	0.85	1.10	1.30	1.66	1.60	1.25
1960	1.58	2.02	1.86	1.21	1.28	1.16	0.91	0.92	1.24	1.22	1.24	1.54	1.35
1961	1.52	1.59	1.27	1.32	1.17	1.07	0.75	0.94	1.33	1.48	1.48	1.23	1.26
1962	1.68	1.56	2.06	1.29	1.01	1.00	0.92	0.96	1.12	1.29	2.65	2.18	1.48
1963	1.67	1.80	1.38	1.21	1.14	0.90	0.77	0.72	1.33	1.68	1.46	1.42	1.29
1964	1.88	1.65	1.44	1.18	1.29	0.86	0.97	0.95	1.48	1.31	1.22	1.66	1.32
1965	1.76	1.65	1.17	1.18	0.82	0.98	0.90	0.75	1.07	1.38	1.29	1.19	1.18
1966	2.06	1.47	1.30	1.00	1.07	1.09	0.94	0.83	1.08	1.34	1.68	1.63	1.29
1967	1.40	1.75	1.38	1.48	1.24	1.06	0.95	0.85	1.45	1.11	1.31	1.62	1.30
1968	1.91	1.83	1.48	1.21	0.92	0.71	0.56	0.61	0.83	1.11	1.26	1.76	1.18
1969	1.93	2.70	1.74	1.28	1.20	0.85	0.79	0.93	1.22	1.67	1.68	1.96	1.49
1970	1.58	1.62	1.26	1.53	1.12	1.05	0.90	0.94	0.90	1.73	1.61	1.49	1.31
1971	1.76	1.41	1.69	1.17	1.10	0.76	0.97	1.00	1.28	1.44	1.42	1.76	1.32
1972	1.39	1.68	1.34	1.19	1.65	1.04	0.84	0.87	1.33	1.56	1.52	1.41	1.32
1973	1.67	1.75	1.65	1.26	1.08	0.89	0.76	0.72	0.89	1.16	1.23	1.70	1.23
1974	1.10	1.50	1.28	1.12	0.92	0.76	0.59	0.66	1.04	1.18	1.41	1.53	1.09
1975	1.56	1.25	1.77	1.49	0.89	0.94	1.13	0.58	1.12	1.25	1.43	1.77	1.26
MEAN	1.69	1.67	1.50	1.28	1.09	0.95	0.86	0.85	1.16	1.43	1.48	1.60	

STATION: 55

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	7211 2	29 819	41 9 1	51 9 2	30 8 3	26 8 7	16 611	21 633	44 9 9	46 9 8	31 733	41 831	7211 2
1957	36 835	4510 3	35 833	36 833	19 7 2	4310 5	16 6 1	25 813	33 9 9	5512 9	36 918	46 936	5512 9
1958	40 814	41 831	37 836	5611 8	28 8 0	22 6 3	14 423	28 7 8	30 734	6212 4	33 8 1	6512 6	6512 6
1959	411018	29 734	501116	37 8 5	17 719	24 631	29 717	22 633	29 712	29 716	38 8 1	50 9 2	50 9 2
1960	6413 8	6514 7	43 832	35 836	3212 9	31 8 1	37 819	24 7 4	25 8 4	39 9 1	28 732	5310 1	6514 7
1961	38 836	441012	32 732	34 815	32 732	20 718	13 519	19 617	3811 9	5410 1	36 835	32 732	5410 1
1962	5411 4	5910 3	8814 5	381018	18 618	33 912	28 813	25 814	6011 3	4110 6	8714 7	6612 9	8814 5
1963	45 833	5410 2	47 917	37 818	27 820	39 814	15 618	15 521	33 8 1	4510 7	42 913	42 9 8	5410 2
1964	5210 9	4910 2	39 835	30 819	4010 8	18 5 3	23 720	23 718	5111 3	391011	50 9 2	6010 1	6010 1
1965	48 935	461014	30 735	30 718	17 636	26 9 7	20 719	18 634	28 8 6	42 915	36 834	42 9 0	48 935
1966	7413 4	44 936	46 9 4	22 631	26 7 0	44 9 1	23 635	21 7 8	33 8 3	36 8 1	35 814	42 833	7413 4
1967	34 832	38 8 1	39 834	41 835	34 818	19 6 3	18 618	22 719	36 9 3	23 619	33 836	47 918	47 918
1968	6912 5	7913 5	48 919	33 917	33 9 8	13 422	12 514	19 7 3	1611 7	26 732	43 831	521018	7913 5
1969	5210 4	6412 6	56 935	35 818	23 720	20 717	17 618	23 735	36 8 1	35 8 1	541212	44 832	6412 6
1970	46 935	49 918	33 917	42 9 1	23 717	22 7 4	19 718	32 8 7	26 720	5212 6	421010	41 833	5212 6
1971	45 831	431016	7112 3	47 911	29 819	13 6 4	28 7 7	44 914	39 9 7	40 912	37 9 2	42 833	7112 3
1972	39 9 2	35 815	27 718	42 9 0	5711 5	391013	19 614	22 7 3	35 8 1	31 8 1	35 835	32 731	5711 5
1973	34 9 3	56 9 1	421018	35 819	35 818	16 618	16 910	18 619	33 816	33 8 1	31 8 0	411017	56 9 1
1974	26 8 1	37 818	28 810	32 819	26 817	17 616	12 536	19 636	33 9 3	44 9 3	43 834	491011	491011
1975	5310 3	33 910	591113	48 936	17 636	6912 4	6914 5	10 5 5	22 7 4	45 9 2	6011 4	5210 1	6914 5
MAX	7413 4	7913 5	8814 5	5611 8	5711 5	6912 4	6914 5	44 914	6011 3	6212 4	8714 7	6612 9	

MAX Hmo(m): 8.8 MAX Tp(sec): 14. MAX Dp(deg): 54. DATE(gmt): 62030721

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 290. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.25 N, LONG: 75.50 W, DEPTH: 27 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 56

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	129	197	230	344	373	663	724	900	325	257	228	179	4549
0.50 - 0.99	1447	1265	1682	2039	2858	3147	3457	3238	2663	1857	1643	1553	26849
1.00 - 1.49	1475	1299	1504	1528	1276	742	703	643	1013	1448	1457	1456	14544
1.50 - 1.99	802	800	828	563	284	119	40	133	382	605	795	853	6204
2.00 - 2.49	464	501	379	162	74	66	18	38	217	372	362	422	3075
2.50 - 2.99	322	220	192	74	59	29	5	6	109	183	160	241	1600
3.00 - 3.49	146	104	79	46	19	14	1	1	60	127	64	141	802
3.50 - 3.99	71	43	31	33	5	14	4	1	12	71	31	51	367
4.00 - 4.49	36	21	9	7	5	3	3	.	11	17	17	36	165
4.50 - 4.99	33	26	9	3	4	1	1	.	6	16	13	8	120
5.00 - 5.49	16	28	5	1	3	.	1	.	2	5	4	13	78
5.50 - 5.99	8	9	4	.	.	1	2	.	.	2	4	6	36
6.00 - 6.49	10	5	2	.	.	1	1	.	.	.	5	1	25
6.50 - 6.99	1	2	2	.	.	.	.	.	.	.	3	.	8
7.00 - 7.49	.	.	3	.	.	.	.	.	.	.	6	.	9
7.50 - 7.99	.	.	1	.	.	.	.	.	.	.	8	.	9
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 56

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	193	237	361	429	473	724	708	683	231	268	267	245	4819
4.0 - 4.9	934	874	1136	1388	1285	1273	1570	1106	657	722	906	1025	12876
5.0 - 5.9	1019	964	1116	862	627	477	383	507	619	775	878	883	9110
6.0 - 6.9	804	765	666	479	424	483	251	582	641	719	698	676	7188
7.0 - 7.9	543	452	442	330	533	811	849	940	1016	802	466	491	7675
8.0 - 8.9	305	253	278	284	651	569	678	627	588	655	358	279	5525
9.0 - 9.9	274	221	244	264	533	275	391	318	512	454	228	366	4080
10.0 - 10.9	247	203	220	306	242	135	92	92	255	245	298	361	2696
11.0 - 11.9	267	188	201	186	102	41	13	64	223	157	268	289	1999
12.0 - 12.9	209	183	147	134	43	12	5	23	47	90	198	174	1265
13.0 - 13.9	79	123	82	85	21	.	7	11	11	56	139	87	701
14.0 - 14.9	49	35	27	43	18	.	10	2	.	17	66	56	323
15.0 - 15.9	12	12	20	6	5	.	3	4	.	.	22	19	103
16.0 - 16.9	17	6	14	3	2	.	.	1	.	.	4	5	52
17.0 - 17.9	6	2	4	.	1	.	.	.	.	.	1	3	17
18.0 - 18.9	2	.	1	1	.	.	.	.	.	.	1	1	6
19.0 - 19.9	.	1	1	.	.	.	.	.	.	.	2	.	4
20.0 - LONGER	.	1	.	.	.	.	.	.	.	.	.	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 56

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	694	434	430	370	183	117	137	169	285	415	489	520	4243
11.25 - 33.74 (22.5)	316	266	220	160	213	137	88	181	396	430	229	257	2893
33.75 - 56.24 (45.0)	302	384	333	281	337	223	140	302	414	420	356	319	3811
56.25 - 78.74 (67.5)	634	643	734	613	627	353	207	354	954	925	812	627	7483
78.75 - 101.24 (90.0)	428	368	390	462	810	589	454	585	1035	971	714	711	7517
101.25 - 123.74 (112.5)	455	301	310	357	843	1184	1691	1619	961	607	309	319	8956
123.75 - 146.24 (135.0)	111	210	252	295	369	445	166	274	130	176	133	162	2723
146.25 - 168.74 (157.5)	52	58	69	87	71	114	49	72	38	24	57	55	746
168.75 - 191.24 (180.0)	83	81	151	197	163	214	172	170	53	71	115	121	1591
191.25 - 213.74 (202.5)	146	152	293	304	310	434	523	319	115	102	176	189	3063
213.75 - 236.24 (225.0)	200	174	256	352	347	415	596	359	109	102	212	154	3276
236.25 - 258.74 (247.5)	190	183	195	296	206	238	351	223	87	76	156	175	2376
258.75 - 281.24 (270.0)	238	259	258	285	195	129	163	140	50	138	173	288	2316
281.25 - 303.74 (292.5)	174	207	222	194	98	67	67	59	39	91	195	231	1644
303.75 - 326.24 (315.0)	358	384	396	281	112	72	57	67	46	177	287	377	2614
326.25 - 348.74 (337.5)	579	416	451	266	76	69	99	67	88	235	387	455	3188
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.25 N LONG: 75.50 W DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 56 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1424	620		.	.	.	.	.	.	.	2044
1.00 - 1.99	127	2931	123	.	.	.	.	.	.	.	3181
2.00 - 2.99	.	527	994	.	.	.	.	.	.	.	1521
3.00 - 3.99	.	.	391	3	.	.	.	.	.	.	394
4.00 - 4.99	.	.	46	45	.	.	.	.	.	.	91
5.00 - 5.99	.	.	.	38	3	.	.	.	.	.	41
6.00 - 6.99	.	.	.	5	.	.	.	.	.	.	5
7.00 - 7.99	.	.	.	1	.	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1551	4078	1554	92	3	0	0	0	0	0	7278

STATION: 56 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	969	900	708	843	713	177	11	1	.	.	4322
1.00 - 1.99	62	2010	588	477	554	105	8	.	.	.	3804
2.00 - 2.99	.	75	658	76	71	38	3	.	.	.	921
3.00 - 3.99	.	.	93	161	22	12	6	.	.	.	294
4.00 - 4.99	.	.	2	66	46	4	2	.	.	.	120
5.00 - 5.99	.	.	.	16	30	17	2	1	.	.	66
6.00 - 6.99	.	.	.	.	12	12	.	.	.	.	24
7.00 - 7.99	.	.	.	.	.	4	2	.	.	.	6
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1031	2985	2049	1639	1448	369	34	2	0	0	9557

STATION: 56 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	687	1382	4355	3031	844	294	73	17	5	.	10688
1.00 - 1.99	56	1281	1131	937	700	271	45	4	.	.	4425
2.00 - 2.99	.	43	341	171	128	36	.	.	.	.	719
3.00 - 3.99	.	.	53	123	49	25	1	.	.	.	251
4.00 - 4.99	.	.	.	34	26	6	.	.	.	.	66
5.00 - 5.99	.	.	.	1	5	1	.	.	.	.	7
6.00 - 6.99	.	.	.	.	1	3	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	9	2	.	.	.	11
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	743	2706	5880	4297	1753	645	121	21	5	0	16171

STATION: 56 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	598	1005	2761	472	34	1	.	.	.	.	4871
1.00 - 1.99	91	710	452	213	21	5	.	.	.	.	1492
2.00 - 2.99	.	52	155	44	5	4	.	.	.	.	260
3.00 - 3.99	.	.	32	18	.	.	.	.	.	.	50
4.00 - 4.99	.	.	1	1	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	689	1767	3401	748	60	10	0	0	0	0	6675

STATION: 56 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2198		.	.	.	.	.	.	.	.	2198
1.00 - 1.99	848	187	.	.	.	.	.	.	.	.	1035
2.00 - 2.99	.	14	.	.	.	.	.	.	.	.	14
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3046	201	0	0	0	0	0	0	0	0	3247

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.25 N LONG: 75.50 W DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 56 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3191	.	.	.	.	.	.	.	.	.	3191
1.00 - 1.99	2128	873	.	.	.	.	.	.	.	.	3001
2.00 - 2.99	.	74	.	.	.	.	.	.	.	.	74
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5319	947	0	0	0	0	0	0	0	0	6266

STATION: 56 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2503	.	.	.	.	.	.	.	.	.	2503
1.00 - 1.99	1143	390	.	.	.	.	.	.	.	.	1533
2.00 - 2.99	.	131	.	.	.	.	.	.	.	.	131
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3646	524	0	0	0	0	0	0	0	0	4170

STATION: 56 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1386	195	.	.	.	.	.	.	.	.	1581
1.00 - 1.99	284	1993	.	.	.	.	.	.	.	.	2277
2.00 - 2.99	.	901	134	.	.	.	.	.	.	.	1035
3.00 - 3.99	.	1	176	.	.	.	.	.	.	.	177
4.00 - 4.99	.	.	6	.	.	.	.	.	.	.	6
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1670	3090	316	0	0	0	0	0	0	0	5076

STATION: 56 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	12956	4102	7824	4346	1591	472	84	18	5	.	31398
1.00 - 1.99	4739	10375	2294	1627	1275	381	53	4	.	.	20748
2.00 - 2.99	.	1817	2282	291	204	78	3	.	.	.	4675
3.00 - 3.99	.	4	745	305	71	37	7	.	.	.	1169
4.00 - 4.99	.	.	55	146	72	10	2	.	.	.	285
5.00 - 5.99	.	.	.	55	38	18	2	1	.	.	114
6.00 - 6.99	.	.	.	5	13	15	.	.	.	.	33
7.00 - 7.99	.	.	.	1	.	13	4	.	.	.	18
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	17695	16298	13200	6776	3264	1024	155	23	5	0	58440

STATION: 56

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	109	92	100	123	183	215	289	283	292	141	124	113	2064
2.50 - 4.99	919	784	1012	1229	1747	2299	2350	2644	2182	1534	1248	1053	19001
5.00 - 7.49	1133	1078	1372	1407	1867	1532	1684	1477	1274	1398	1240	1198	16660
7.50 - 9.99	1446	1318	1381	1392	991	673	604	534	803	1271	1251	1331	12995
10.00 - 12.49	651	668	607	436	127	50	23	20	182	405	506	611	4286
12.50 - 14.99	472	398	380	169	39	26	5	2	62	185	330	440	2508
15.00 - 17.49	122	92	63	25	4	2	1	.	4	21	48	127	509
17.50 - 19.99	80	76	31	18	2	3	4	.	1	5	37	80	337
20.00 - GREATER	28	14	14	1	.	.	.	.	.	.	16	7	80
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.25 N, LONG: 75.50 W, DEPTH: 27 M

STATION: 56

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	1054	779	724	611	536	355	358	484	969	1006	896	846	8618
22.50 - 67.49 (45.0)	426	498	379	301	569	476	244	443	915	986	472	450	6159
67.50 - 112.49 (90.0)	227	247	304	202	330	309	206	312	425	560	289	254	3665
112.50 - 157.49 (135.0)	239	286	371	340	418	412	315	370	451	398	299	243	4142
157.50 - 202.49 (180.0)	389	409	537	680	775	895	855	759	583	342	461	527	7212
202.50 - 247.49 (225.0)	673	585	799	1030	1176	1407	1960	1368	640	418	705	679	11440
247.50 - 292.49 (270.0)	717	671	712	843	694	611	649	743	368	495	660	852	8015
292.50 - 337.49 (315.0)	1235	1045	1134	793	462	335	373	481	449	755	1018	1109	9189
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 56

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.08	1.05	1.24	1.10	0.87	0.91	0.78	0.80	1.12	1.84	1.23	1.04	1.17
1957	1.26	1.29	1.24	1.00	0.82	0.92	0.69	0.86	0.88	1.29	1.17	1.39	1.07
1958	1.59	1.63	1.44	1.46	0.92	0.82	0.73	0.84	0.87	1.67	1.04	1.54	1.21
1959	1.40	1.25	1.24	1.07	0.70	0.61	0.79	0.71	0.97	1.12	1.40	1.38	1.05
1960	1.37	1.69	1.56	1.01	1.06	0.93	0.75	0.79	1.08	1.08	1.07	1.31	1.14
1961	1.34	1.34	1.09	1.13	0.90	0.81	0.64	0.78	1.20	1.31	1.32	1.04	1.07
1962	1.46	1.31	1.77	0.99	0.87	0.79	0.79	0.81	0.97	1.16	2.32	1.94	1.27
1963	1.44	1.57	1.11	1.05	0.97	0.74	0.64	0.60	1.16	1.50	1.23	1.27	1.10
1964	1.59	1.44	1.18	0.97	1.15	0.73	0.75	0.75	1.31	1.17	1.08	1.33	1.12
1965	1.57	1.41	1.02	0.99	0.71	0.86	0.72	0.62	0.93	1.22	1.14	1.02	1.01
1966	1.81	1.25	1.06	0.84	0.84	0.90	0.77	0.67	0.98	1.20	1.48	1.43	1.10
1967	1.17	1.57	1.18	1.29	1.05	0.89	0.74	0.66	1.30	0.96	1.14	1.35	1.10
1968	1.68	1.61	1.25	0.99	0.81	0.51	0.46	0.55	0.72	0.97	1.10	1.45	1.01
1969	1.74	2.36	1.50	1.04	0.95	0.67	0.64	0.75	1.08	1.49	1.46	1.69	1.27
1970	1.38	1.37	1.03	1.29	0.97	0.85	0.68	0.75	0.78	1.54	1.40	1.30	1.11
1971	1.52	1.15	1.46	1.01	0.89	0.65	0.80	0.84	1.12	1.23	1.25	1.51	1.12
1972	1.19	1.51	1.10	1.00	1.34	0.85	0.70	0.75	1.19	1.41	1.35	1.25	1.14
1973	1.47	1.54	1.38	1.02	0.85	0.71	0.62	0.57	0.77	1.05	1.11	1.42	1.04
1974	0.96	1.30	1.13	0.95	0.79	0.64	0.53	0.56	0.90	1.01	1.25	1.34	0.94
1975	1.35	1.09	1.54	1.33	0.76	0.79	0.92	0.50	0.92	1.08	1.23	1.55	1.09
MEAN	1.47	1.44	1.28	1.08	0.91	0.78	0.71	0.71	1.01	1.26	1.29	1.38	

STATION: 56

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	6110 1	22 635	36 8 0	4810 3	28 7 3	24 8 7	14 613	18 6 4	4111 8	42 9 9	28 8 5	34 730	6110 1
1957	29 735	3910 3	31 8 3	28 732	19 6 1	4010 5	16 6 1	21 7 4	32 9 9	4912 7	25 7 3	39 835	4912 7
1958	37 813	34 730	34 8 2	5211 8	25 735	201010	13 422	24 7 6	25 634	5612 4	29 7 1	6011 4	6011 4
1959	33 733	25 735	40 815	34 8 4	13 521	21 633	15 520	20 6 0	26 711	27 7 7	36 8 2	44 9 3	44 9 3
1960	6213 7	6114 7	35 732	31 8 2	2712 9	27 7 1	25 714	22 7 5	24 7 1	37 8 0	25 631	45 9 0	6213 7
1961	36 8 0	391011	28 8 8	28 713	26 632	21 7 3	12 422	16 6 8	34 9 4	47 9 0	31 735	27 731	47 9 0
1962	5211 4	49 9 3	7614 5	26 815	15 5 5	32 8 7	22 710	19 613	5411 4	36 9 3	7915 7	5812 8	7915 7
1963	37 733	5210 2	28 713	26 7 9	21 615	34 812	15 536	13 523	29 7 1	4110 7	37 912	40 9 8	5210 2
1964	4810 9	43 9 2	32 735	19 521	36 9 7	16 6 0	17 533	18 6 7	4711 3	36 911	45 9 3	52 9 0	52 9 0
1965	4511 3	3410 5	26 7 4	25 736	15 6 0	26 8 7	14 6 4	17 634	26 8 7	36 9 6	29 734	37 8 1	4511 3
1966	6713 4	37 835	41 8 2	19 6 0	25 7 1	3710 4	22 635	18 6 6	29 7 0	35 8 2	32 715	36 730	6713 4
1967	28 731	36 9 4	33 734	33 733	31 8 0	18 6 3	12 422	16 535	34 8 2	19 6 0	29 735	40 8 1	40 8 1
1968	6312 4	6812 4	38 831	23 635	32 9 7	11 423	11 513	19 7 3	1412 7	22 631	37 731	33 733	6812 4
1969	5210 4	5812 6	5412 3	26 7 1	19 7 3	13 418	14 5 2	22 736	32 7 1	32 8 2	471010	36 731	5812 6
1970	39 836	39 8 0	27 7 1	37 8 0	18 6 0	20 7 4	11 421	29 7 3	23 7 0	4711 5	3610 8	37 814	4711 5
1971	40 835	31 715	6212 4	42 9 9	21 612	12 5 2	25 8 6	37 814	35 9 7	36 910	34 8 2	36 9 5	6212 4
1972	34 8 1	31 814	22 7 0	36 836	5411 5	32 913	18 614	20 7 3	33 8 1	30 8 2	32 8 1	27 732	5411 5
1973	32 9 3	5112 4	32 8 1	23 616	19 714	12 423	14 534	13 5 0	22 7 5	30 7 1	28 735	34 914	5112 4
1974	23 7 3	30 735	25 9 9	27 7 0	24 636	15 6 8	12 5 0	17 6 0	29 7 2	37 8 1	38 835	441010	441010
1975	47 9 0	32 810	491110	42 9 1	16 535	6112 4	6014 4	9 4 3	21 7 4	39 8 2	5711 5	44 9 1	6112 4
MAX	6713 4	6812 4	7614 5	5211 8	5411 5	6112 4	6014 4	37 814	5411 4	5612 4	7915 7	6011 4	

MAX Hmo(m): 7.9 MAX Tp(sec): 15. MAX Dp(deg): 72. DATE(gmt): 62112712

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 290. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.50 N, LONG: 75.75 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 57

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	228	294	347	475	581	915	1004	1178	475	396	335	284	6512
0.50 - 0.99	1669	1443	1870	2227	2961	3051	3365	3139	2778	2102	1858	1778	28241
1.00 - 1.49	1558	1417	1613	1470	1087	625	531	507	867	1296	1477	1520	13968
1.50 - 1.99	809	779	710	435	197	106	34	113	399	603	749	782	5716
2.00 - 2.49	362	339	270	108	79	55	11	17	161	289	236	365	2292
2.50 - 2.99	161	119	90	48	31	24	3	5	76	140	62	129	888
3.00 - 3.49	69	49	27	26	12	18	6	1	23	84	28	60	403
3.50 - 3.99	58	36	10	5	5	3	2	.	13	26	12	15	185
4.00 - 4.49	22	23	10	5	4	2	4	.	8	11	15	16	120
4.50 - 4.99	14	11	4	1	3	.	.	.	.	12	3	6	54
5.00 - 5.49	6	6	4	.	.	1	.	.	.	1	6	5	29
5.50 - 5.99	4	4	2	.	.	.	.	.	.	.	4	.	14
6.00 - 6.49	.	.	3	.	.	.	.	.	.	.	7	.	10
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	6	.	6
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	2	.	2
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 57

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	273	320	487	574	615	927	926	899	347	381	359	351	6459
4.0 - 4.9	1334	1237	1517	1665	1461	1347	1554	1211	792	1009	1221	1324	15672
5.0 - 5.9	1215	1058	1093	753	579	429	293	437	657	755	992	1018	9279
6.0 - 6.9	487	465	407	276	251	321	191	410	533	579	421	440	4781
7.0 - 7.9	202	230	209	186	408	663	693	792	738	544	209	193	5067
8.0 - 8.9	202	199	212	224	598	576	694	624	594	565	290	183	4961
9.0 - 9.9	246	182	229	277	568	323	433	350	514	481	228	305	4136
10.0 - 10.9	256	198	231	325	256	140	122	115	324	279	329	426	3001
11.0 - 11.9	298	203	217	208	127	51	27	67	229	178	269	325	2199
12.0 - 12.9	252	196	163	148	47	23	4	37	58	110	246	195	1479
13.0 - 13.9	88	152	111	96	22	.	9	13	13	66	133	103	806
14.0 - 14.9	65	53	38	54	20	.	11	1	1	13	72	65	393
15.0 - 15.9	18	19	23	8	3	.	3	3	.	.	21	18	116
16.0 - 16.9	15	3	15	2	2	.	.	1	.	.	4	11	53
17.0 - 17.9	7	3	7	4	1	.	.	.	.	.	3	2	27
18.0 - 18.9	2	.	1	.	2	.	.	.	.	.	1	1	7
19.0 - 19.9	.	2	.	.	.	.	.	.	.	.	2	.	4
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 57

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	591	360	370	328	188	126	118	170	296	378	411	428	3764
11.25 - 33.74 (22.5)	249	216	177	130	191	114	86	156	336	403	213	198	2469
33.75 - 56.24 (45.0)	252	290	216	184	264	211	123	237	357	382	238	256	3010
56.25 - 78.74 (67.5)	601	732	833	652	575	332	206	377	928	781	816	620	7453
78.75 - 101.24 (90.0)	486	410	399	486	771	535	359	532	905	1006	717	737	7343
101.25 - 123.74 (112.5)	568	319	367	417	939	1234	1770	1659	1150	749	418	425	10015
123.75 - 146.24 (135.0)	90	231	265	276	348	407	126	229	113	178	143	151	2557
146.25 - 168.74 (157.5)	66	60	67	94	77	89	45	65	40	30	60	49	742
168.75 - 191.24 (180.0)	110	104	166	233	216	256	212	183	91	84	138	163	1956
191.25 - 213.74 (202.5)	159	158	291	323	314	450	520	364	121	103	194	205	3202
213.75 - 236.24 (225.0)	217	182	259	367	364	438	617	381	136	112	239	161	3473
236.25 - 258.74 (247.5)	199	191	197	295	222	264	371	244	98	89	159	199	2528
258.75 - 281.24 (270.0)	247	258	270	293	219	157	181	157	53	153	189	308	2485
281.25 - 303.74 (292.5)	198	257	257	207	97	61	73	71	48	122	229	256	1876
303.75 - 326.24 (315.0)	391	371	412	256	91	62	64	59	35	180	277	355	2553
326.25 - 348.74 (337.5)	536	381	414	259	84	64	89	76	93	210	359	449	3014
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.50 N LONG: 75.75 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 57 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2030	248	.	.	.	.	.	.	.	.	2278
1.00 - 1.99	336	2805	.	.	.	.	.	.	.	.	3141
2.00 - 2.99	.	794	80	.	.	.	.	.	.	.	874
3.00 - 3.99	.	1	104	.	.	.	.	.	.	.	105
4.00 - 4.99	.	.	15	3	.	.	.	.	.	.	18
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2366	3848	199	3	0	0	0	0	0	0	6416

STATION: 57 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1393	767	534	543	260	37	2	3	.	.	3539
1.00 - 1.99	79	1711	277	209	222	54	3	.	.	.	2555
2.00 - 2.99	.	127	464	64	31	10	.	.	.	.	696
3.00 - 3.99	.	.	58	111	41	9	.	.	.	.	219
4.00 - 4.99	.	.	.	38	48	23	.	.	.	.	109
5.00 - 5.99	.	.	.	.	18	14	1	.	.	.	33
6.00 - 6.99	.	.	.	.	.	3	1	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1472	2605	1333	965	620	150	7	3	0	0	7155

STATION: 57 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	971	1453	3774	3651	1683	559	89	27	4	.	12211
1.00 - 1.99	52	1135	869	878	970	341	48	1	.	.	4294
2.00 - 2.99	.	42	282	191	159	68	9	.	.	.	751
3.00 - 3.99	.	.	21	103	63	33	12	.	.	.	232
4.00 - 4.99	.	.	.	12	16	13	1	3	.	.	45
5.00 - 5.99	.	.	.	.	1	7	2	.	.	.	10
6.00 - 6.99	.	.	.	.	.	11	1	.	.	.	12
7.00 - 7.99	.	.	.	.	.	2	.	.	.	.	2
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1023	2630	4946	4835	2892	1034	162	31	4	0	17557

STATION: 57 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	712	777	3090	992	116	2	.	.	.	.	5689
1.00 - 1.99	91	612	304	289	38	8	.	.	.	.	1342
2.00 - 2.99	.	40	140	46	8	5	.	.	.	.	239
3.00 - 3.99	.	.	16	6	3	.	.	.	.	.	25
4.00 - 4.99	.	.	.	1	1	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	803	1429	3550	1334	166	15	0	0	0	0	7297

STATION: 57 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2711	.	.	.	.	.	.	.	.	.	2711
1.00 - 1.99	879	230	.	.	.	.	.	.	.	.	1109
2.00 - 2.99	.	15	.	.	.	.	.	.	.	.	15
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3590	245	0	0	0	0	0	0	0	0	3835

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.50 N LONG: 75.75 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 57 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3625		.	.	.	.	.	.	.	.	3625
1.00 - 1.99	1996	855	.	.	.	.	.	.	.	.	2851
2.00 - 2.99	.	44	.	.	.	.	.	.	.	.	44
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5621	899	0	0	0	0	0	0	0	0	6520

STATION: 57 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2888		.	.	.	.	.	.	.	.	2888
1.00 - 1.99	1102	410	.	.	.	.	.	.	.	.	1512
2.00 - 2.99	.	124	.	.	.	.	.	.	.	.	124
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3990	534	0	0	0	0	0	0	0	0	4524

STATION: 57 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1812		.	.	.	.	.	.	.	.	1812
1.00 - 1.99	1454	1426	.	.	.	.	.	.	.	.	2880
2.00 - 2.99	.	437	.	.	.	.	.	.	.	.	437
3.00 - 3.99	.	7	.	.	.	.	.	.	.	.	7
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3266	1870	0	0	0	0	0	0	0	0	5136

STATION: 57 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	16142	3245	7398	5186	2059	598	91	30	4	.	34753
1.00 - 1.99	5989	9184	1450	1376	1230	403	51	1	.	.	19684
2.00 - 2.99	.	1623	966	301	198	83	9	.	.	.	3180
3.00 - 3.99	.	8	199	220	107	42	12	.	.	.	588
4.00 - 4.99	.	.	15	54	65	36	1	3	.	.	174
5.00 - 5.99	.	.	.	.	19	21	3	.	.	.	43
6.00 - 6.99	.	.	.	.	.	14	2	.	.	.	16
7.00 - 7.99	.	.	.	.	.	2	.	.	.	.	2
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	22131	14060	10028	7137	3678	1199	169	34	4	0	58440

STATION: 57

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	111	101	118	138	197	272	335	320	339	179	140	135	2385
2.50 - 4.99	976	856	1071	1315	1874	2355	2453	2746	2212	1596	1277	1083	19814
5.00 - 7.49	1148	1071	1386	1388	1826	1504	1628	1371	1246	1391	1247	1203	16409
7.50 - 9.99	1404	1286	1348	1357	900	593	514	503	772	1212	1239	1288	12416
10.00 - 12.49	634	643	566	400	124	50	21	19	170	386	482	620	4115
12.50 - 14.99	455	389	369	160	33	21	5	1	58	170	315	417	2393
15.00 - 17.49	121	76	56	24	3	3	.	.	2	16	52	131	484
17.50 - 19.99	85	86	33	17	3	2	4	.	1	10	32	75	348
20.00 - GREATER	26	12	13	1							16	8	76
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.50 N, LONG: 75.75 W, DEPTH: 18 M

STATION: 57

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	1064	779	744	603	520	372	379	495	949	973	870	819	8567
22.50 - 67.49 (45.0)	416	491	392	301	591	478	254	475	908	980	459	446	6191
67.50 - 112.49 (90.0)	237	264	301	219	334	317	222	321	420	533	283	254	3705
112.50 - 157.49 (135.0)	229	283	368	335	422	390	321	352	419	379	277	234	4009
157.50 - 202.49 (180.0)	383	400	526	675	748	886	807	723	600	363	479	527	7117
202.50 - 247.49 (225.0)	675	587	788	1031	1185	1406	1953	1367	666	432	713	688	11491
247.50 - 292.49 (270.0)	722	651	718	843	690	617	668	748	379	516	686	848	8086
292.50 - 337.49 (315.0)	1234	1065	1123	793	470	334	356	479	459	784	1033	1144	9274
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 57

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.75	0.94	1.10	1.01	0.79	0.85	0.74	0.74	1.04	1.67	1.08	0.93	1.05
1957	1.09	1.16	1.08	0.92	0.75	0.84	0.64	0.80	0.81	1.14	1.06	1.23	0.96
1958	1.34	1.31	1.25	1.32	0.85	0.76	0.70	0.79	0.78	1.51	0.94	1.35	1.07
1959	1.20	1.09	1.12	0.97	0.65	0.56	0.73	0.65	0.88	1.02	1.22	1.21	0.94
1960	1.16	1.49	1.32	0.95	0.96	0.85	0.69	0.75	0.97	0.95	0.95	1.11	1.01
1961	1.15	1.20	0.98	1.01	0.84	0.75	0.60	0.72	1.08	1.12	1.12	0.91	0.96
1962	1.32	1.12	1.54	0.90	0.80	0.74	0.74	0.75	0.87	1.03	2.01	1.71	1.13
1963	1.22	1.38	0.99	0.91	0.89	0.68	0.60	0.56	1.04	1.29	1.10	1.09	0.98
1964	1.42	1.23	1.05	0.89	1.07	0.67	0.70	0.69	1.19	1.04	0.97	1.17	1.01
1965	1.37	1.24	0.90	0.87	0.66	0.82	0.68	0.57	0.85	1.11	1.01	0.89	0.91
1966	1.56	1.10	0.96	0.77	0.77	0.82	0.71	0.62	0.92	1.06	1.33	1.24	0.99
1967	1.03	1.37	1.04	1.12	0.95	0.81	0.70	0.63	1.16	0.87	0.98	1.17	0.98
1968	1.45	1.37	1.09	0.88	0.76	0.48	0.43	0.52	0.65	0.85	0.99	1.21	0.89
1969	1.51	1.93	1.27	0.95	0.87	0.61	0.59	0.69	0.97	1.31	1.28	1.42	1.11
1970	1.14	1.23	0.93	1.16	0.89	0.78	0.64	0.69	0.73	1.39	1.25	1.12	0.99
1971	1.30	1.05	1.28	0.91	0.83	0.60	0.73	0.77	1.00	1.14	1.07	1.32	1.00
1972	1.07	1.34	0.99	0.88	1.22	0.79	0.64	0.69	1.06	1.25	1.20	1.12	1.02
1973	1.29	1.34	1.20	0.93	0.79	0.67	0.58	0.52	0.71	0.94	1.00	1.30	0.94
1974	0.89	1.15	1.03	0.88	0.74	0.60	0.50	0.51	0.81	0.87	1.10	1.19	0.85
1975	1.20	0.98	1.34	1.13	0.69	0.73	0.82	0.46	0.84	0.97	1.09	1.37	0.97
MEAN	1.27	1.25	1.12	0.97	0.84	0.72	0.66	0.66	0.92	1.13	1.14	1.20	

STATION: 57

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	47 8 0	20 522	26 635	44 9 2	23 6 3	22 7 8	14 612	17 6 4	4011 9	37 9 4	25 8 6	26 630	47 8 0
1957	24 736	34 8 2	27 7 4	21 631	17 6 5	3710 5	14 6 3	20 810	28 8 9	4712 7	25 7 3	27 631	4712 7
1958	32 812	24 813	28 710	4510 6	20 635	191110	12 424	22 7 7	23 6 8	5113 5	23 6 0	5312 4	5312 4
1959	24 633	20 6 0	36 815	30 7 3	13 521	15 532	14 519	18 6 1	24 711	25 9 8	26 6 1	36 7 2	36 7 2
1960	5813 7	5614 7	29 713	24 714	2412 9	22 6 1	22 615	20 7 4	20 6 1	28 7 0	20 6 3	34 735	5813 7
1961	26 636	34 913	26 8 9	26 713	20 532	20 6 3	11 423	15 6 8	30 9 5	36 736	26 7 3	20 531	36 736
1962	4510 3	37 7 2	6314 6	24 716	15 5 1	29 8 7	22 810	17 610	4411 5	31 9 5	7214 7	5111 7	7214 7
1963	27 633	41 9 7	27 713	23 6 6	20 615	31 812	15 5 0	13 523	24 8 4	3710 7	32 812	36 9 9	41 9 7
1964	4210 8	34 736	25 635	18 521	31 9 7	15 5 1	16 534	15 6 7	4111 3	331010	35 7 1	4111 6	4210 8
1965	4111 3	29 911	23 635	21 635	15 535	24 9 8	13 6 4	13 535	24 8 7	31 9 6	20 633	27 7 1	4111 3
1966	5813 4	28 736	34 816	17 6 1	21 6 0	33 9 3	20 6 1	18 6 7	23 6 1	30 9 4	29 714	30 9 7	5813 4
1967	21 6 1	31 8 2	25 6 0	24 634	28 8 4	15 6 4	12 422	15 535	28 7 4	18 523	22 635	32 7 0	32 7 0
1968	5412 5	5812 4	29 630	21 6 0	33 9 7	11 423	11 513	18 7 3	1312 7	21 714	29 630	25 635	5812 4
1969	4810 5	4911 5	4211 5	20 6 2	17 912	13 418	13 5 3	19 636	27 8 2	28 9 4	401111	31 815	4911 5
1970	34 8 1	31 7 0	23 7 6	28 7 1	17 6 7	17 6 4	11 421	26 8 7	18 6 1	4111 5	341110	34 813	4111 5
1971	31 735	28 714	5411 3	37 9 9	19 7 7	11 6 5	22 7 5	31 813	32 9 7	32 8 3	25 636	31 9 7	5411 3
1972	26 6 0	29 813	19 635	26 7 0	4810 5	28 813	15 613	19 7 4	29 7 3	24 6 1	29 8 3	20 531	4810 5
1973	29 815	4811 3	27 736	22 615	18 714	12 423	12 433	13 536	21 7 5	24 814	23 634	331014	4811 3
1974	21 7 5	24 810	23 7 8	22 636	21 635	15 7 7	11 424	16 536	25 7 3	29 9 5	28 635	40 910	40 910
1975	39 9 4	29 810	431112	31 735	16 535	5011 4	4414 6	9 4 4	19 7 4	30 9 5	5311 5	35 7 0	5311 5
MAX	5813 4	5812 4	6314 6	4510 6	4810 5	5011 4	4414 6	31 813	4411 5	5113 5	7214 7	5312 4	

MAX Hmo(m): 7.2 MAX Tp(sec): 14. MAX Dp(deg): 72. DATE(gmt): 62112712

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 290. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.75 N, LONG: 75.75 W, DEPTH: 11 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 58

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	213	261	317	429	431	708	798	931	360	341	301	260	5350
0.50 - 0.99	1534	1387	1750	1990	2781	3027	3366	3178	2713	1970	1716	1615	27027
1.00 - 1.49	1717	1478	1731	1684	1362	842	723	723	1059	1501	1619	1621	16060
1.50 - 1.99	878	812	767	489	241	122	40	105	419	647	815	904	6239
2.00 - 2.49	338	343	257	138	95	51	15	20	150	270	229	364	2270
2.50 - 2.99	105	131	73	35	32	30	3	3	51	118	46	125	752
3.00 - 3.49	60	48	27	18	6	16	6	.	25	79	16	36	337
3.50 - 3.99	71	31	19	15	8	2	5	.	16	13	14	22	216
4.00 - 4.49	26	18	7	2	2	.	2	.	7	9	18	8	99
4.50 - 4.99	9	3	5	.	2	2	2	.	.	12	3	5	43
5.00 - 5.49	7	7	1	.	.	.	.	.	.	.	6	.	21
5.50 - 5.99	1	1	1	.	.	.	.	.	.	.	7	.	10
6.00 - 6.49	1	.	2	.	.	.	.	.	.	.	6	.	9
6.50 - 6.99	.	.	3	.	.	.	.	.	.	.	4	.	7
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.9	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 58

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	211	237	341	401	364	438	565	487	183	226	241	237	3931
4.0 - 4.9	1268	1131	1355	1561	1398	1367	1455	1181	776	1040	1174	1167	14873
5.0 - 5.9	1153	1022	1152	812	548	361	272	402	519	645	948	1019	8853
6.0 - 6.9	274	301	258	194	203	315	160	373	345	335	263	292	3313
7.0 - 7.9	136	196	194	178	396	798	722	905	784	538	163	157	5167
8.0 - 8.9	192	235	250	229	736	767	945	859	769	688	357	172	6199
9.0 - 9.9	371	267	360	386	754	470	593	449	628	659	333	389	5659
10.0 - 10.9	348	314	327	417	324	188	174	159	437	377	413	601	4079
11.0 - 11.9	407	286	300	269	133	78	43	74	254	216	346	417	2823
12.0 - 12.9	335	240	198	184	52	17	8	46	83	133	307	264	1867
13.0 - 13.9	121	174	128	101	22	1	6	14	14	83	146	124	934
14.0 - 14.9	74	69	47	49	23	.	13	5	1	17	79	86	463
15.0 - 15.9	40	32	27	13	5	.	4	1	.	1	21	28	172
16.0 - 16.9	16	9	18	3	2	.	.	3	.	.	2	5	58
17.0 - 17.9	11	3	4	2	.	.	.	2	7	.	3	2	34
18.0 - 18.9	2	1	1	.	.	.	.	.	.	.	3	.	7
19.0 - 19.9	1	2	.	1	.	.	.	.	.	2	.	.	6
20.0 - LONGER	.	1	.	.	.	.	.	.	.	.	1	.	2
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 58

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	420	262	277	250	141	87	96	126	233	270	281	297	2740
11.25 - 33.74 (22.5)	154	123	109	89	134	72	52	109	214	253	134	125	1568
33.75 - 56.24 (45.0)	126	155	95	82	166	116	72	149	221	239	108	106	1635
56.25 - 78.74 (67.5)	522	627	667	513	462	321	125	331	714	616	598	451	5947
78.75 - 101.24 (90.0)	1051	884	872	897	1161	615	562	750	1645	1558	1304	1359	12658
101.25 - 123.74 (112.5)	635	519	518	523	1092	1636	2087	1993	1092	849	485	488	11917
123.75 - 146.24 (135.0)	88	181	246	250	292	383	126	187	74	152	143	157	2279
146.25 - 168.74 (157.5)	62	75	80	124	98	75	63	54	59	48	72	73	883
168.75 - 191.24 (180.0)	139	103	206	269	238	270	193	183	63	72	163	200	2099
191.25 - 213.74 (202.5)	148	143	279	308	321	423	544	318	111	110	173	178	3056
213.75 - 236.24 (225.0)	213	180	234	329	334	354	494	323	126	119	222	151	3079
236.25 - 258.74 (247.5)	158	138	143	243	144	179	228	157	65	65	128	159	1807
258.75 - 281.24 (270.0)	187	194	196	230	150	105	139	117	40	124	170	232	1884
281.25 - 303.74 (292.5)	186	234	246	199	82	58	68	49	41	120	188	230	1701
303.75 - 326.24 (315.0)	358	345	392	241	72	47	47	48	34	175	278	352	2389
326.25 - 348.74 (337.5)	513	357	400	253	73	59	64	66	68	190	353	402	2798
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.75 N, LONG: 75.75 W, DEPTH: 11 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 58 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1645	3	.	.	.	.	.	.	.	.	1648
1.00 - 1.99	877	2079	.	.	.	.	.	.	.	.	2956
2.00 - 2.99	.	248	11	.	.	.	.	.	.	.	259
3.00 - 3.99	.	.	4	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2522	2330	15	0	0	0	0	0	0	0	4867

STATION: 58 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1045	331	109	24	.	.	.	.	.	.	1509
1.00 - 1.99	101	1314	169	8	.	.	.	.	.	.	1592
2.00 - 2.99	.	79	245	84	.	.	.	.	.	.	408
3.00 - 3.99	.	.	14	43	27	.	.	.	.	.	84
4.00 - 4.99	.	.	.	5	8	5	.	.	.	.	18
5.00 - 5.99	.	.	.	.	2	1	.	.	.	.	3
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1146	1724	537	164	37	6	0	0	0	0	3614

STATION: 58 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	716	1072	5840	5577	2215	565	111	34	7	.	16137
1.00 - 1.99	69	1138	1512	2095	1688	531	85	4	1	.	7123
2.00 - 2.99	.	25	384	583	312	154	10	1	.	.	1469
3.00 - 3.99	.	.	9	167	205	52	19	.	.	.	452
4.00 - 4.99	.	.	.	6	70	44	3	1	.	.	124
5.00 - 5.99	.	.	.	.	6	21	.	1	.	.	28
6.00 - 6.99	.	.	.	.	.	14	2	.	.	.	16
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	785	2235	7745	8428	4496	1381	230	41	8	0	25349

STATION: 58 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	636	752	2530	651	67	.	.	.	.	.	4636
1.00 - 1.99	79	719	381	361	61	2	.	.	.	.	1603
2.00 - 2.99	.	42	155	127	29	7	.	.	.	.	360
3.00 - 3.99	.	.	3	7	.	1	.	.	.	.	11
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	715	1513	3069	1146	157	10	0	0	0	0	6610

STATION: 58 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1699	4	.	.	.	.	.	.	.	.	1703
1.00 - 1.99	867	1224	.	.	.	.	.	.	.	.	2091
2.00 - 2.99	.	80	.	.	.	.	.	.	.	.	80
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2566	1308	0	0	0	0	0	0	0	0	3874

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.75 N, LONG: 75.75 W, DEPTH: 11 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 58 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2956	.	.	.	.	.	.	.	.	.	2956
1.00 - 1.99	1959	758	.	.	.	.	.	.	.	.	2717
2.00 - 2.99	.	31	.	.	.	.	.	.	.	.	31
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4915	789	0	0	0	0	0	0	0	0	5704

STATION: 58 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2222	.	.	.	.	.	.	.	.	.	2222
1.00 - 1.99	956	336	.	.	.	.	.	.	.	.	1292
2.00 - 2.99	.	85	.	.	.	.	.	.	.	.	85
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3178	421	0	0	0	0	0	0	0	0	3599

STATION: 58 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1566	.	.	.	.	.	.	.	.	.	1566
1.00 - 1.99	1411	1514	.	.	.	.	.	.	.	.	2925
2.00 - 2.99	.	330	.	.	.	.	.	.	.	.	330
3.00 - 3.99	.	2	.	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2977	1846	0	0	0	0	0	0	0	0	4823

STATION: 58 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	12485	2162	8479	6252	2282	565	111	34	7	.	32377
1.00 - 1.99	6319	9082	2062	2464	1749	533	85	4	1	.	22299
2.00 - 2.99	.	920	795	794	341	161	10	1	.	.	3022
3.00 - 3.99	.	2	30	217	232	53	19	.	.	.	553
4.00 - 4.99	.	.	.	11	78	49	3	1	.	.	142
5.00 - 5.99	.	.	.	.	8	22	.	1	.	.	31
6.00 - 6.99	.	.	.	.	.	14	2	.	.	.	16
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	18804	12166	11366	9738	4690	1397	230	41	8	0	58440

STATION: 58

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	109	87	104	129	188	254	320	305	313	177	124	118	2228
2.50 - 4.99	998	925	1138	1363	1952	2405	2562	2821	2245	1628	1314	1127	20478
5.00 - 7.49	1177	1063	1368	1390	1756	1484	1545	1313	1243	1398	1254	1196	16187
7.50 - 9.99	1367	1269	1328	1323	906	580	503	497	770	1187	1208	1258	12196
10.00 - 12.49	606	602	554	395	124	49	20	21	159	376	480	623	4009
12.50 - 14.99	446	392	361	152	29	23	5	3	63	163	317	422	2376
15.00 - 17.49	138	81	56	28	2	3	1	.	6	14	52	116	497
17.50 - 19.99	86	86	39	18	3	2	4	.	1	17	32	87	375
20.00 - GREATER	33	15	12	2	.	.	.	.	.	.	19	13	94
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 36.75 N, LONG: 75.75 W, DEPTH: 11 M

STATION: 58

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	1033	766	727	596	509	391	382	491	929	947	835	782	8388
22.50 - 67.49	(45.0)	428	505	406	298	606	504	294	521	910	955	455	448	6330
67.50 - 112.49	(90.0)	232	280	301	252	367	331	241	312	412	537	275	252	3792
112.50 - 157.49	(135.0)	205	268	341	316	378	346	310	325	371	345	265	230	3700
157.50 - 202.49	(180.0)	373	393	524	647	754	844	762	694	573	333	451	515	6863
202.50 - 247.49	(225.0)	684	572	779	1037	1170	1448	1926	1370	726	505	751	687	11655
247.50 - 292.49	(270.0)	733	653	724	854	723	652	708	782	453	561	722	858	8423
292.50 - 337.49	(315.0)	1272	1083	1158	800	453	284	337	465	426	777	1046	1188	9289
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 58

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.77	0.97	1.09	1.05	0.81	0.89	0.78	0.78	1.08	1.69	1.12	0.97	1.08
1957	1.07	1.17	1.09	1.00	0.76	0.92	0.66	0.80	0.85	1.15	1.13	1.28	0.99
1958	1.34	1.29	1.26	1.41	0.91	0.84	0.73	0.85	0.80	1.57	0.96	1.32	1.11
1959	1.23	1.06	1.15	1.01	0.69	0.60	0.82	0.70	0.88	1.05	1.24	1.21	0.97
1960	1.14	1.52	1.28	0.95	1.02	0.90	0.74	0.77	0.99	0.94	0.97	1.12	1.03
1961	1.18	1.24	0.98	1.02	0.91	0.80	0.64	0.76	1.10	1.16	1.12	0.94	0.98
1962	1.31	1.14	1.57	0.97	0.84	0.77	0.77	0.80	0.90	1.03	1.95	1.65	1.14
1963	1.19	1.37	1.03	0.92	0.92	0.72	0.63	0.61	1.06	1.25	1.13	1.05	0.99
1964	1.45	1.22	1.09	0.92	1.08	0.70	0.77	0.74	1.21	1.01	0.95	1.24	1.03
1965	1.38	1.26	0.91	0.88	0.67	0.85	0.69	0.62	0.87	1.12	1.04	0.91	0.93
1966	1.51	1.10	1.01	0.81	0.81	0.87	0.74	0.67	0.92	1.04	1.40	1.27	1.01
1967	1.08	1.36	1.05	1.11	0.98	0.83	0.72	0.66	1.17	0.90	1.01	1.21	1.00
1968	1.44	1.37	1.09	0.94	0.80	0.53	0.47	0.53	0.71	0.91	1.00	1.23	0.92
1969	1.54	1.91	1.30	1.00	0.99	0.67	0.64	0.74	0.98	1.28	1.36	1.43	1.15
1970	1.09	1.30	0.97	1.26	0.93	0.84	0.70	0.73	0.76	1.40	1.30	1.11	1.03
1971	1.24	1.11	1.27	0.93	0.87	0.63	0.77	0.80	1.02	1.16	1.05	1.32	1.02
1972	1.06	1.30	1.02	0.88	1.32	0.83	0.67	0.71	1.07	1.22	1.15	1.14	1.03
1973	1.26	1.27	1.23	0.97	0.87	0.75	0.65	0.56	0.75	0.93	0.98	1.33	0.96
1974	0.89	1.15	1.06	0.91	0.78	0.64	0.52	0.56	0.84	0.85	1.10	1.23	0.88
1975	1.25	1.00	1.36	1.11	0.75	0.76	0.88	0.49	0.93	1.02	1.12	1.42	1.01
MEAN	1.27	1.26	1.14	1.00	0.89	0.77	0.70	0.69	0.94	1.13	1.15	1.22	

STATION: 58

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	4511 7	20 522	2310 9	3912 6	20 7 5	21 8 8	15 613	16 6 5	4312 9	3511 7	23 8 7	25 630	4511 7
1957	22 8 9	30 8 4	29 9 8	20 912	14 5 6	331110	13 6 4	23 810	25 910	4812 9	25 8 5	26 631	4812 9
1958	29 812	23 630	27 9 9	3910 7	17 534	2011 9	12 423	20 810	21 6 9	4713 9	21 810	4813 7	4813 7
1959	2412 8	18 532	34 912	28 8 5	13 520	15 530	20 615	16 5 0	23 712	26 9 9	25 910	3110 8	34 912
1960	6013 8	5414 8	29 8 9	22 714	2611 9	20 7 3	20 521	19 7 7	19 712	26 636	20 9 8	3011 8	6013 8
1961	281011	351210	23 910	23 713	20 531	20 7 5	121111	14 6 8	331110	3311 7	2313 9	20 531	351210
1962	4010 5	3410 7	6914 7	22 814	13 6 8	26 8 7	24 810	18 913	4011 7	26 9 7	6914 8	4511 8	6914 8
1963	26 633	3610 8	27 913	20 813	22 616	31 910	13 517	14 519	23 9 8	3210 8	29 912	29 9 9	3610 8
1964	411110	3010 7	24 635	18 520	28 9 9	13 535	15 535	15 520	3712 7	331010	3310 7	3910 7	411110
1965	3811 5	291012	20 6 1	18 519	12 421	28 9 9	16 520	13 614	21 8 8	27 813	19 532	23 6 1	3811 5
1966	5113 7	271011	29 8 5	16 536	17 536	3311 7	17 535	16 5 6	23 812	26 9 5	24 714	3010 8	5113 7
1967	19 531	27 8 5	23 633	23 633	26 9 6	14 610	12 522	15 5 4	26 7 5	18 523	21 534	32 912	32 912
1968	5112 7	5613 8	28 629	22 711	33 9 8	11 423	11 513	17 7 4	1512 8	19 714	28 630	271013	5613 8
1969	5312 8	4412 7	3812 8	20 618	18 911	16 517	12 517	16 535	2613 8	25 8 8	431310	28 912	5312 8
1970	30 9 6	301412	20 913	25 9 8	15 6 8	16 7 6	13 518	24 9 9	19 618	3712 7	371110	29 813	371110
1971	27 631	25 814	4613 7	431010	20 8 8	11 5 3	22 8 9	29 913	311110	321010	251010	26 8 5	4613 7
1972	22 9 7	26 813	17 519	22 635	4612 8	291012	15 613	16 7 5	2810 7	26 9 9	27 8 4	20 531	4612 8
1973	26 814	4113 7	26 634	21 813	21 617	13 421	141010	13 5 0	20 812	22 813	19 523	321013	4113 7
1974	19 7 6	26 810	26 9 9	18 523	21 6 2	16 7 8	11 425	13 5 1	21 6 3	26 9 7	2712 7	401110	401110
1975	3710 6	28 910	431210	27 736	15 6 8	4512 7	4514 8	910 9	17 612	27 9 7	5312 8	3210 7	5312 8
MAX	6013 8	5613 8	6914 7	431010	4612 8	4512 7	4514 8	29 913	4312 9	4812 9	6914 8	4813 7	

MAX Hmo(m): 6.9 MAX Tp(sec): 14. MAX Dp(deg): 83. DATE(gmt): 62112715

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 290. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.00 N LONG: 75.75 W DEPTH: 14 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 59

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	294	324	383	503	491	742	852	985	427	397	366	329	6093
0.50 - 0.99	1788	1547	1920	2134	2875	3024	3359	3194	2872	2196	1913	1823	28645
1.00 - 1.49	1583	1359	1593	1503	1192	800	647	637	974	1412	1528	1457	14685
1.50 - 1.99	717	762	689	432	281	125	73	119	320	538	664	793	5513
2.00 - 2.49	307	320	226	164	80	55	17	20	120	210	214	351	2084
2.50 - 2.99	124	129	92	39	24	35	8	2	48	105	36	140	782
3.00 - 3.49	68	42	30	10	7	13	.	3	19	64	24	36	316
3.50 - 3.99	50	19	11	10	6	4	4	.	12	15	16	15	162
4.00 - 4.49	15	8	5	5	2	2	.	.	7	10	12	11	77
4.50 - 4.99	8	4	7	.	2	.	.	.	1	13	4	4	43
5.00 - 5.49	4	6	3	.	.	.	.	.	.	.	7	1	21
5.50 - 5.99	2	.	1	.	.	.	.	.	.	.	8	.	11
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	5	.	5
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	3	.	3
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 59

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	383	393	516	570	483	546	684	651	325	400	415	356	5722
4.0 - 4.9	1492	1283	1443	1535	1336	1241	1357	1118	885	1115	1254	1299	15358
5.0 - 5.9	866	853	981	699	621	505	351	459	389	521	879	890	8014
6.0 - 6.9	327	354	324	286	234	390	220	448	427	352	259	345	3966
7.0 - 7.9	112	208	202	171	433	786	761	901	812	586	180	157	5309
8.0 - 8.9	214	203	240	233	692	686	874	731	710	655	333	188	5759
9.0 - 9.9	364	253	362	383	680	408	521	392	543	587	324	372	5189
10.0 - 10.9	335	276	279	371	287	154	125	132	405	343	368	541	3616
11.0 - 11.9	362	246	261	241	105	68	38	72	225	197	308	388	2511
12.0 - 12.9	281	219	171	173	41	16	6	40	61	112	266	225	1611
13.0 - 13.9	98	157	101	83	21	.	8	11	18	70	134	100	801
14.0 - 14.9	70	48	40	43	20	.	12	2	.	21	61	70	387
15.0 - 15.9	23	21	22	6	6	.	3	1	.	.	12	17	111
16.0 - 16.9	20	3	11	5	1	.	.	1	.	.	4	11	56
17.0 - 17.9	11	2	6	.	.	.	.	1	.	.	1	.	21
18.0 - 18.9	2	.	1	1	.	.	.	.	.	1	1	1	7
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	1	.	1
20.0 - LONGER	.	1	.	.	.	.	.	.	.	.	.	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 59

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	296	198	222	177	107	77	81	116	196	217	210	211	2108
11.25 - 33.74 (22.5)	129	119	90	75	105	66	44	94	153	200	103	93	1271
33.75 - 56.24 (45.0)	119	150	95	68	162	107	67	146	221	225	100	124	1584
56.25 - 78.74 (67.5)	280	347	348	286	298	240	95	242	407	408	303	266	3520
78.75 - 101.24 (90.0)	1082	983	994	975	1094	511	443	643	1568	1546	1345	1290	12474
101.25 - 123.74 (112.5)	709	561	581	586	1189	1618	2091	1965	1366	995	575	595	12831
123.75 - 146.24 (135.0)	127	194	276	263	349	496	185	329	129	197	177	176	2898
146.25 - 168.74 (157.5)	76	107	114	163	121	93	57	74	65	63	101	83	1117
168.75 - 191.24 (180.0)	161	138	253	298	270	305	266	191	99	88	175	229	2473
191.25 - 213.74 (202.5)	173	135	278	321	358	443	563	359	141	125	225	206	3327
213.75 - 236.24 (225.0)	216	196	232	354	331	362	489	319	152	134	229	158	3172
236.25 - 258.74 (247.5)	167	138	158	244	167	180	240	155	72	78	145	183	1927
258.75 - 281.24 (270.0)	234	221	239	258	156	133	139	136	56	146	201	277	2196
281.25 - 303.74 (292.5)	255	335	337	256	107	63	85	71	52	153	242	315	2271
303.75 - 326.24 (315.0)	420	342	393	224	64	38	50	52	42	189	310	363	2487
326.25 - 348.74 (337.5)	516	356	350	252	82	68	65	68	81	196	359	391	2784
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.00 N LONG: 75.75 W DEPTH: 14 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 59 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2218										2218
1.00 - 1.99	1475	320									1795
2.00 - 2.99		66									66
3.00 - 3.99		1									1
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	3693	387	0	0	0	0	0	0	0	0	4080

STATION: 59 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1074	295	36								1405
1.00 - 1.99	218	1054	92	1							1365
2.00 - 2.99		80	236	12							328
3.00 - 3.99			27	42	16						85
4.00 - 4.99				13	8						21
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1292	1429	391	68	24	0	0	0	0	0	3204

STATION: 59 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	908	1194	5060	5222	2267	540	112	23	2		15328
1.00 - 1.99	81	1224	1256	1646	1226	418	28				5879
2.00 - 2.99		50	386	405	211	115	24	2			1193
3.00 - 3.99			29	131	134	50	2	2			348
4.00 - 4.99				16	58	21		1			96
5.00 - 5.99					7	24	1				32
6.00 - 6.99						8					8
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	989	2468	6731	7420	3903	1176	167	28	2	0	22884

STATION: 59 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	721	1246	3320	811	91	1					6190
1.00 - 1.99	87	826	436	381	78	3					1811
2.00 - 2.99		62	151	103	23	7					346
3.00 - 3.99			9	21	1	1					32
4.00 - 4.99				1	2						3
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	808	2134	3916	1317	195	12	0	0	0	0	8382

STATION: 59 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1927	128									2055
1.00 - 1.99	386	1726									2112
2.00 - 2.99		299	24								323
3.00 - 3.99			5								5
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	2313	2153	29	0	0	0	0	0	0	0	4495

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.00 N LONG: 75.75 W DEPTH: 14 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 59 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3209	1	.	.	.	.	.	.	.	.	3210
1.00 - 1.99	1956	740	.	.	.	.	.	.	.	.	2696
2.00 - 2.99	.	59	.	.	.	.	.	.	.	.	59
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5165	800	0	0	0	0	0	0	0	0	5965

STATION: 59 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2608		.	.	.	.	.	.	.	.	2608
1.00 - 1.99	1060	425	.	.	.	.	.	.	.	.	1485
2.00 - 2.99	.	146	.	.	.	.	.	.	.	.	146
3.00 - 3.99	.	2	.	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3668	573	0	0	0	0	0	0	0	0	4241

STATION: 59 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1724		.	.	.	.	.	.	.	.	1724
1.00 - 1.99	1428	1627	.	.	.	.	.	.	.	.	3055
2.00 - 2.99	.	405	.	.	.	.	.	.	.	.	405
3.00 - 3.99	.	4	1	.	.	.	.	.	.	.	5
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3152	2036	1	0	0	0	0	0	0	0	5189

STATION: 59 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	14389	2864	8416	6033	2358	541	112	23	2	.	34738
1.00 - 1.99	6691	7942	1784	2028	1304	421	28	.	.	.	20198
2.00 - 2.99	.	1167	797	520	234	122	24	2	.	.	2866
3.00 - 3.99	.	7	71	194	151	51	2	2	.	.	478
4.00 - 4.99	.	.	.	30	68	21	.	1	.	.	120
5.00 - 5.99	.	.	.	.	7	24	1	.	.	.	32
6.00 - 6.99	.	.	.	.	.	8	.	.	.	.	8
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	21080	11980	11068	8805	4122	1188	167	28	2	0	58440

STATION: 59

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	106	70	94	106	181	204	302	295	259	146	108	106	1977
2.50 - 4.99	1026	956	1156	1396	1961	2467	2577	2823	2275	1683	1326	1135	20781
5.00 - 7.49	1149	1044	1360	1380	1752	1442	1325	1312	1240	1390	1230	1215	16039
7.50 - 9.99	1350	1271	1320	1320	916	603	526	500	790	1155	1209	1213	12173
10.00 - 12.49	611	585	546	394	116	55	19	23	161	375	476	619	3980
12.50 - 14.99	434	409	359	149	26	23	5	7	64	175	338	449	2438
15.00 - 17.49	144	78	67	23	5	3	2	.	6	14	55	106	503
17.50 - 19.99	100	86	45	29	3	2	4	.	5	22	38	102	436
20.00 - GREATER	40	21	13	3		1					20	15	113
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 -1975
LAT: 37.00 N, LONG: 75.75 W, DEPTH: 14 M

STATION: 59

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	997	755	707	586	505	381	364	489	886	924	789	751	8134
22.50 - 67.49 (45.0)	435	510	421	316	630	535	345	549	901	918	440	450	6450
67.50 - 112.49 (90.0)	232	293	307	246	360	331	255	319	405	549	262	252	3811
112.50 - 157.49 (135.0)	201	255	316	309	368	321	299	327	368	319	260	232	3575
157.50 - 202.49 (180.0)	350	373	516	634	730	798	751	644	501	308	434	498	6537
202.50 - 247.49 (225.0)	681	576	759	1032	1181	1475	1884	1380	812	551	766	698	11795
247.50 - 292.49 (270.0)	773	660	742	877	728	670	727	791	471	595	737	874	8645
292.50 - 337.49 (315.0)	1291	1098	1192	800	458	289	335	461	456	796	1112	1205	9493
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 59

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.59	0.96	1.05	1.05	0.78	0.87	0.78	0.76	1.02	1.64	1.06	0.94	1.04
1957	0.99	1.08	1.05	0.98	0.73	0.92	0.65	0.78	0.82	1.11	1.12	1.26	0.96
1958	1.26	1.29	1.22	1.37	0.87	0.82	0.74	0.84	0.75	1.52	0.95	1.20	1.07
1959	1.22	1.01	1.13	0.97	0.67	0.60	0.82	0.68	0.82	1.00	1.17	1.13	0.93
1960	1.12	1.50	1.25	0.93	0.97	0.89	0.72	0.77	0.93	0.87	0.93	1.07	0.99
1961	1.11	1.22	0.96	1.00	0.92	0.81	0.64	0.74	1.04	1.05	1.06	0.94	0.96
1962	1.23	1.05	1.40	0.97	0.81	0.78	0.76	0.78	0.84	1.01	1.88	1.58	1.09
1963	1.08	1.29	1.03	0.92	0.89	0.73	0.61	0.60	0.98	1.16	1.10	1.00	0.95
1964	1.44	1.19	1.06	0.92	1.04	0.68	0.78	0.73	1.18	0.93	0.89	1.19	1.00
1965	1.33	1.21	0.89	0.87	0.66	0.83	0.67	0.63	0.84	1.08	0.99	0.84	0.90
1966	1.44	1.04	0.97	0.77	0.79	0.87	0.72	0.66	0.90	1.00	1.28	1.21	0.97
1967	1.05	1.30	0.96	1.04	0.96	0.79	0.71	0.67	1.09	0.85	0.98	1.15	0.96
1968	1.33	1.25	1.08	0.86	0.79	0.53	0.47	0.52	0.65	0.89	1.00	1.23	0.88
1969	1.43	1.73	1.24	0.96	0.97	0.67	0.64	0.72	0.90	1.16	1.26	1.42	1.09
1970	1.05	1.25	0.92	1.17	0.90	0.82	0.70	0.71	0.73	1.33	1.20	1.08	0.99
1971	1.16	1.11	1.25	0.90	0.86	0.63	0.75	0.79	0.98	1.16	0.97	1.24	0.98
1972	0.99	1.23	1.00	0.83	1.30	0.83	0.65	0.68	0.98	1.11	1.06	1.10	0.98
1973	1.19	1.19	1.18	0.96	0.87	0.76	0.66	0.55	0.72	0.88	0.99	1.36	0.94
1974	0.85	1.13	1.04	0.91	0.78	0.65	0.51	0.56	0.80	0.74	1.01	1.21	0.85
1975	1.15	0.96	1.29	1.06	0.73	0.75	0.81	0.48	0.90	0.99	1.07	1.27	0.96
MEAN	1.20	1.20	1.10	0.97	0.87	0.76	0.69	0.68	0.89	1.07	1.10	1.17	

STATION: 59

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	3711 8	21 619	23 622	4210 7	18 6 4	21 7 8	16 519	17 6 5	4511 9	3710 7	22 7 7	26 630	4511 9
1957	21 8 9	29 7 3	31 8 7	23 619	14 519	34 9 7	14 5 4	23 810	26 8 9	4812 8	30 8 5	27 631	4812 8
1958	29 811	24 812	2610 9	4110 8	17 614	1910 9	12 423	21 7 8	22 6 8	4913 9	22 810	5212 7	5212 7
1959	25 717	20 616	38 912	31 8 4	12 518	15 530	21 618	16 6 7	23 611	25 9 9	23 618	27 9 8	38 912
1960	5913 8	5414 8	33 8 8	23 715	2310 9	21 7 3	24 619	20 7 5	19 712	2110 8	19 530	28 633	5913 8
1961	261012	36 910	24 810	27 812	21 532	21 7 5	13 519	15 516	311010	2710 7	2213 9	21 630	36 910
1962	39 9 4	2710 7	5514 8	25 616	16 520	27 8 8	24 911	18 913	4010 6	26 8 5	6713 8	4611 8	6713 8
1963	27 633	3710 8	31 912	23 619	23 714	33 910	15 518	17 520	24 7 6	3310 7	31 811	29 8 9	3710 8
1964	4310 7	28 812	25 717	22 619	29 8 8	12 519	19 610	17 617	3712 6	361010	32 913	3310 7	4310 7
1965	4110 5	31 912	21 7 7	20 617	12 422	25 8 8	17 618	15 519	22 7 7	30 813	21 619	23 619	4110 5
1966	4911 6	261011	30 814	16 7 9	21 6 6	3511 8	16 6 8	16 5 7	25 812	28 9 6	2413 9	32 9 7	4911 6
1967	23 714	26 7 5	24 633	24 633	26 8 5	13 519	12 423	14 610	25 7 4	19 525	21 533	33 814	33 814
1968	5112 8	5012 7	30 628	23 617	36 9 8	11 422	11 514	18 7 4	15 610	20 714	28 630	32 718	5112 8
1969	4912 9	4611 8	3910 7	23 618	19 619	18 616	15 518	13 435	26 9 5	25 7 3	421111	32 912	4912 9
1970	31 8 6	301412	24 619	26 718	16 517	16 6 5	15 518	23 8 8	22 619	3711 7	311110	29 813	3711 7
1971	28 631	27 617	4811 5	4310 9	21 615	12 5 5	20 810	32 912	3210 9	341010	26 630	26 632	4811 5
1972	21 615	28 812	20 619	18 535	4612 8	291012	15 519	16 6 4	2410 7	26 9 8	30 8 7	20 531	4612 8
1973	27 813	4012 6	26 718	24 616	24 619	15 518	13 910	16 518	24 619	25 617	20 521	331013	4012 6
1974	20 7 6	25 718	25 9 9	22 619	20 616	18 7 8	11 434	12 5 5	17 517	26 7 3	2410 7	411110	411110
1975	3710 6	30 910	451210	28 7 7	17 6 8	4110 5	3813 8	1010 9	18 612	27 9 5	5513 8	34 8 4	5513 8
MAX	5913 8	5414 8	5514 8	4310 9	4612 8	4110 5	3813 8	32 912	4511 9	4913 9	6713 8	5212 7	

MAX Hmo(m): 6.7 MAX Tp(sec): 13. MAX Dp(deg): 79. DATE(gmt): 62112715

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 290. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.25 N, LONG: 75.50 W, DEPTH: 24 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 60

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	276	324	328	450	448	672	816	886	368	370	333	311	5582
0.50 - 0.99	1550	1357	1777	1978	2687	2926	3227	3122	2711	1998	1726	1614	26673
1.00 - 1.49	1448	1248	1456	1362	1247	861	716	742	1031	1412	1364	1387	14274
1.50 - 1.99	866	826	788	634	393	225	164	169	410	635	832	868	6810
2.00 - 2.49	420	416	368	226	124	56	20	33	156	272	338	425	2854
2.50 - 2.99	187	179	147	97	38	38	6	5	63	138	95	213	1206
3.00 - 3.49	69	95	45	33	9	10	6	2	33	66	47	87	502
3.50 - 3.99	66	26	20	8	7	6	1	1	11	37	21	25	229
4.00 - 4.49	41	19	8	5	3	3	1	.	9	10	9	15	123
4.50 - 4.99	20	16	7	6	2	2	3	.	4	7	7	8	82
5.00 - 5.49	6	6	7	1	2	.	.	.	4	11	3	4	44
5.50 - 5.99	6	6	6	.	.	1	.	.	.	4	7	2	32
6.00 - 6.49	2	2	3	.	.	.	.	.	.	.	6	1	14
6.50 - 6.99	3	.	.	.	.	.	.	.	.	.	6	.	9
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	4	.	4
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	2	.	2
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 60

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	251	265	401	448	356	369	522	456	191	251	265	265	4040
4.0 - 4.9	1135	1025	1151	1103	954	868	945	855	736	923	985	1029	11709
5.0 - 5.9	1213	1076	1196	1075	990	980	913	840	704	871	1113	1115	12086
6.0 - 6.9	546	578	602	496	427	602	404	633	608	485	508	538	6427
7.0 - 7.9	215	291	273	275	531	859	856	983	862	670	279	291	6385
8.0 - 8.9	235	204	230	238	683	588	748	639	597	613	304	189	5268
9.0 - 9.9	301	223	317	319	576	335	403	346	486	496	292	350	4444
10.0 - 10.9	305	217	239	342	256	125	121	105	338	283	329	478	3138
11.0 - 11.9	320	222	222	211	112	63	21	67	210	178	286	316	2228
12.0 - 12.9	244	201	163	157	31	11	6	25	53	114	260	213	1478
13.0 - 13.9	91	148	98	81	22	.	8	8	15	65	110	86	732
14.0 - 14.9	57	46	26	43	16	.	9	1	.	10	44	66	318
15.0 - 15.9	19	17	20	7	4	.	4	.	.	.	17	16	104
16.0 - 16.9	22	5	16	3	2	.	.	1	.	.	4	6	59
17.0 - 17.9	5	1	6	2	.	.	.	1	.	1	2	2	20
18.0 - 18.9	1	1	.	.	.	.	.	.	.	.	2	.	4
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 60

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	421	273	294	236	143	77	88	123	233	285	287	320	2780
11.25 - 33.74 (22.5)	172	166	117	104	131	63	54	107	234	262	137	136	1683
33.75 - 56.24 (45.0)	141	181	122	83	173	107	84	167	250	271	118	152	1849
56.25 - 78.74 (67.5)	310	423	435	351	382	252	116	288	543	485	386	314	4285
78.75 - 101.24 (90.0)	832	776	748	789	844	413	353	433	1153	1185	1073	1020	9619
101.25 - 123.74 (112.5)	676	407	489	513	1089	1384	1876	1727	1361	964	574	553	11613
123.75 - 146.24 (135.0)	149	292	334	281	501	716	375	655	246	305	210	209	4273
146.25 - 168.74 (157.5)	92	111	142	205	147	193	112	132	81	82	107	97	1501
168.75 - 191.24 (180.0)	191	168	303	344	327	312	269	183	108	101	217	279	2802
191.25 - 213.74 (202.5)	230	237	345	423	386	487	584	396	163	155	261	235	3902
213.75 - 236.24 (225.0)	204	179	223	334	318	338	481	296	137	119	237	182	3048
236.25 - 258.74 (247.5)	149	100	111	185	139	164	221	143	65	74	115	158	1624
258.75 - 281.24 (270.0)	229	198	212	230	145	123	150	131	49	145	181	241	2034
281.25 - 303.74 (292.5)	205	269	275	225	100	58	72	63	51	134	215	269	1936
303.75 - 326.24 (315.0)	414	380	425	257	64	48	55	55	41	199	323	391	2652
326.25 - 348.74 (337.5)	545	360	385	240	71	65	70	61	85	194	359	404	2839
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.25 N, LONG: 75.50 W, DEPTH: 24 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 60 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1657	4	.	.	.	.	.	.	.	.	1661
1.00 - 1.99	908	1886	.	.	.	.	.	.	.	.	2794
2.00 - 2.99	.	449	6	.	.	.	.	.	.	.	455
3.00 - 3.99	.	24	23	.	.	.	.	.	.	.	47
4.00 - 4.99	.	.	6	.	.	.	.	.	.	.	6
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	2565	2363	35	0	0	0	0	0	0	0	4963

STATION: 60 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	957	447	213	38	.	.	.	.	.	.	1655
1.00 - 1.99	94	1305	120	5	.	.	.	.	.	.	1524
2.00 - 2.99	.	109	369	23	.	.	.	.	.	.	501
3.00 - 3.99	.	.	73	76	1	.	.	.	.	.	150
4.00 - 4.99	.	.	4	45	19	.	.	.	.	.	68
5.00 - 5.99	.	.	.	6	18	2	.	.	.	.	26
6.00 - 6.99	.	.	.	.	2	.	.	.	.	.	2
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	1051	1861	779	193	41	2	0	0	0	0	3927

STATION: 60 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	783	1178	3445	3883	1846	486	95	21	.	.	11737
1.00 - 1.99	76	1221	1149	1220	1159	335	41	.	.	.	5201
2.00 - 2.99	.	57	360	301	195	120	15	.	.	.	1048
3.00 - 3.99	.	.	64	148	80	39	10	1	.	.	342
4.00 - 4.99	.	.	.	45	56	17	.	2	.	.	120
5.00 - 5.99	.	.	.	7	28	12	1	.	.	.	48
6.00 - 6.99	.	.	.	.	10	10	1	.	.	.	21
7.00 - 7.99	.	.	.	.	1	4	.	.	.	.	5
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	859	2456	5018	5604	3375	1023	163	24	0	0	18522

STATION: 60 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	678	1754	4463	1250	173	6	.	.	.	.	8324
1.00 - 1.99	76	895	606	448	74	10	.	.	.	.	2109
2.00 - 2.99	.	49	210	63	31	9	.	.	.	.	362
3.00 - 3.99	.	.	31	19	6	.	.	.	.	.	56
4.00 - 4.99	.	.	.	5	4	.	.	.	.	.	9
5.00 - 5.99	.	.	.	.	2	.	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	754	2698	5310	1785	290	25	0	0	0	0	10862

STATION: 60 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1480	487	.	.	.	.	.	.	.	.	1967
1.00 - 1.99	185	2351	25	.	.	.	.	.	.	.	2561
2.00 - 2.99	.	285	353	.	.	.	.	.	.	.	638
3.00 - 3.99	.	.	101	.	.	.	.	.	.	.	101
4.00 - 4.99	.	.	2	.	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	1665	3123	481	0	0	0	0	0	0	0	5269

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.25 N LONG: 75.50 W DEPTH: 24 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 60 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2382	554	.	.	.	.	.	.	.	.	2936
1.00 - 1.99	215	2539	.	.	.	.	.	.	.	.	2754
2.00 - 2.99	.	374	14	.	.	.	.	.	.	.	388
3.00 - 3.99	.	.	12	.	.	.	.	.	.	.	12
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2597	3467	26	0	0	0	0	0	0	0	6090

STATION: 60 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2252	.	.	.	.	.	.	.	.	.	2252
1.00 - 1.99	838	370	.	.	.	.	.	.	.	.	1208
2.00 - 2.99	.	136	.	.	.	.	.	.	.	.	136
3.00 - 3.99	.	4	.	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3090	510	0	0	0	0	0	0	0	0	3600

STATION: 60 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1723	.	.	.	.	.	.	.	.	.	1723
1.00 - 1.99	1445	1488	.	.	.	.	.	.	.	.	2933
2.00 - 2.99	.	532	.	.	.	.	.	.	.	.	532
3.00 - 3.99	.	15	4	.	.	.	.	.	.	.	19
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3168	2035	4	0	0	0	0	0	0	0	5207

STATION: 60 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	11912	4424	8121	5171	2019	492	95	21	.	.	32255
1.00 - 1.99	3837	12055	1900	1673	1233	345	41	.	.	.	21084
2.00 - 2.99	.	1991	1312	387	226	129	15	.	.	.	4060
3.00 - 3.99	.	43	308	243	87	39	10	1	.	.	731
4.00 - 4.99	.	.	12	95	79	17	.	2	.	.	205
5.00 - 5.99	.	.	.	13	48	14	1	.	.	.	76
6.00 - 6.99	.	.	.	.	12	10	1	.	.	.	23
7.00 - 7.99	.	.	.	.	2	4	.	.	.	.	6
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	15749	18513	11653	7582	3706	1050	163	24	0	0	58440

STATION: 60

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	122	89	115	120	203	252	337	308	288	179	122	121	2256
2.50 - 4.99	1083	1009	1214	1487	2130	2569	2699	2970	2403	1782	1386	1170	21902
5.00 - 7.49	1146	1033	1361	1393	1642	1353	1420	1193	1148	1322	1180	1233	15424
7.50 - 9.99	1300	1230	1288	1227	840	552	477	460	743	1106	1185	1158	11566
10.00 - 12.49	592	563	511	374	116	54	16	22	155	376	480	605	3864
12.50 - 14.99	432	412	356	144	24	15	7	7	53	159	332	449	2390
15.00 - 17.49	141	83	59	25	3	3	.	.	4	16	59	104	497
17.50 - 19.99	106	80	43	27	2	2	4	.	6	20	39	103	432
20.00 - GREATER	38	21	13	3	.	.	.	.	.	.	17	17	109
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.25 N, LONG: 75.50 W, DEPTH: 24 M

STATION: 60

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	984	753	698	560	519	376	358	480	890	911	769	730	8028
22.50 - 67.49 (45.0)	400	475	395	298	592	502	320	534	865	856	420	426	6083
67.50 - 112.49 (90.0)	230	302	318	255	354	337	247	310	380	561	275	256	3825
112.50 - 157.49 (135.0)	207	272	326	320	391	334	306	324	405	338	265	249	3737
157.50 - 202.49 (180.0)	358	369	523	642	729	802	775	663	496	311	427	496	6591
202.50 - 247.49 (225.0)	678	552	744	1016	1166	1445	1825	1351	811	563	770	700	11621
247.50 - 292.49 (270.0)	787	667	736	875	747	697	771	790	483	607	762	874	8796
292.50 - 337.49 (315.0)	1316	1130	1220	834	462	307	358	508	470	813	1112	1229	9759
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 60

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.78	1.03	1.17	1.18	0.86	0.92	0.84	0.80	1.12	1.73	1.15	1.01	1.13
1957	1.07	1.17	1.12	1.03	0.80	0.96	0.70	0.82	0.87	1.19	1.21	1.36	1.02
1958	1.36	1.36	1.31	1.45	0.92	0.87	0.81	0.89	0.78	1.59	1.01	1.32	1.14
1959	1.34	1.10	1.20	1.07	0.70	0.62	0.87	0.72	0.85	1.08	1.29	1.22	1.01
1960	1.20	1.65	1.36	1.03	1.00	0.94	0.74	0.81	0.97	0.96	1.01	1.14	1.07
1961	1.16	1.32	1.01	1.08	0.99	0.90	0.67	0.79	1.14	1.14	1.14	0.99	1.02
1962	1.38	1.15	1.56	1.03	0.84	0.80	0.80	0.81	0.89	1.05	2.08	1.72	1.18
1963	1.21	1.39	1.15	0.98	0.95	0.75	0.66	0.64	1.06	1.23	1.19	1.07	1.02
1964	1.58	1.29	1.22	1.01	1.11	0.73	0.83	0.76	1.24	1.02	1.00	1.33	1.09
1965	1.48	1.31	0.96	0.94	0.70	0.90	0.72	0.66	0.88	1.16	1.09	0.93	0.97
1966	1.61	1.11	1.02	0.84	0.83	0.93	0.76	0.71	0.97	1.06	1.39	1.32	1.05
1967	1.14	1.46	1.06	1.16	1.04	0.82	0.77	0.70	1.19	0.91	1.05	1.28	1.05
1968	1.47	1.38	1.17	0.95	0.85	0.57	0.48	0.55	0.69	0.94	1.10	1.35	0.96
1969	1.60	1.97	1.38	1.07	1.03	0.71	0.68	0.78	0.97	1.27	1.34	1.52	1.19
1970	1.15	1.34	0.98	1.25	0.95	0.85	0.73	0.74	0.80	1.40	1.26	1.18	1.05
1971	1.30	1.20	1.35	0.98	0.95	0.64	0.79	0.84	1.01	1.25	1.08	1.34	1.06
1972	1.12	1.34	1.12	0.94	1.37	0.91	0.68	0.72	1.10	1.21	1.22	1.20	1.08
1973	1.35	1.35	1.31	1.04	0.96	0.81	0.69	0.59	0.75	0.97	1.14	1.54	1.04
1974	0.94	1.29	1.16	1.06	0.85	0.71	0.56	0.59	0.86	0.83	1.17	1.34	0.94
1975	1.30	1.07	1.45	1.23	0.78	0.82	0.89	0.49	0.96	1.06	1.20	1.45	1.06
MEAN	1.33	1.31	1.20	1.07	0.92	0.81	0.73	0.72	0.96	1.15	1.21	1.28	

STATION: 60

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	45 736	28 720	28 720	4910 7	20 5 2	21 7 8	21 619	17 534	5212 9	43 9 5	25 623	28 630	5212 9
1957	25 636	33 8 6	37 8 6	29 719	17 522	37 9 7	16 524	23 811	27 8 9	5612 8	36 8 4	32 816	5612 8
1958	33 811	26 631	29 9 9	4710 8	18 535	191110	17 522	22 7 5	23 6 9	5812 7	23 621	6011 5	6011 5
1959	31 816	26 721	42 914	37 8 3	17 521	16 531	22 717	19 6 5	22 611	27 9 9	28 718	33 9 7	42 914
1960	6813 8	6214 8	38 8 8	24 716	221010	23 6 2	29 718	20 7 7	19 712	28 636	2110 8	32 736	6813 8
1961	32 7 2	41 910	26 810	30 812	22 532	21 7 5	16 524	18 619	321010	3510 7	25 7 6	23 622	41 910
1962	5110 4	33 9 6	6415 8	30 719	16 619	28 8 9	24 810	18 713	4611 7	25 8 5	7513 8	5211 8	7513 8
1963	29 633	4710 5	38 818	28 718	25 715	35 911	19 617	22 620	27 8 6	3610 7	35 812	30 8 8	4710 5
1964	5210 6	33 9 7	33 817	27 719	31 8 8	14 521	20 611	19 619	4310 3	39 9 9	37 914	4110 7	5210 6
1965	4910 5	33 911	23 7 6	25 717	17 619	28 9 9	22 718	16 618	23 7 6	33 814	27 718	29 719	4910 5
1966	6713 7	31 720	33 814	18 7 9	21 6 5	4010 6	18 536	18 620	26 812	29 8 4	2812 9	36 9 7	6713 7
1967	29 718	31 8 7	27 719	25 634	30 9 6	16 521	17 523	15 5 4	32 8 4	25 624	23 622	35 814	35 814
1968	5811 6	5812 8	36 730	28 719	40 9 8	15 521	11 414	18 7 3	16 610	21 615	31 720	40 819	5812 8
1969	5610 6	5513 6	5812 5	28 718	22 619	21 716	16 618	17 535	27 8 5	27 7 4	401212	36 913	5812 5
1970	38 8 2	36 817	30 718	32 817	16 5 7	16 6 5	16 521	27 8 7	28 718	4210 5	331010	33 735	4210 5
1971	28 720	30 719	5712 7	5110 8	22 7 7	14 524	23 810	36 914	34 9 9	371010	27 631	28 624	5712 7
1972	24 718	31 812	26 718	25 635	5110 6	29 912	16 619	16 6 4	33 8 5	28 8 7	34 8 6	22 717	5110 6
1973	31 8 4	4712 6	34 818	27 716	31 718	16 518	15 524	17 618	25 717	30 716	27 719	371013	4712 6
1974	21 621	33 817	27 9 9	26 718	23 6 3	19 7 7	15 525	13 5 1	18 619	28 8 5	30 634	471111	471111
1975	4410 6	32 720	531114	36 819	16 6 8	5511 7	4613 8	1011 9	22 622	30 8 4	6612 8	40 8 3	6612 8
MAX	6813 8	6214 8	6415 8	5110 8	5110 6	5511 7	4613 8	36 914	5212 9	5812 7	7513 8	6011 5	

MAX Hmo(m): 7.5 MAX Tp(sec): 13. MAX Dp(deg): 83. DATE(gmt): 62112712

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 295. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.50 N LONG: 75.50 W DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 61

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	370	395	442	573	578	772	960	1047	523	468	437	409	6974
0.50 - 0.99	1791	1541	1948	2118	2815	3015	3244	3157	2855	2241	1903	1820	28448
1.00 - 1.49	1454	1252	1453	1361	1159	784	651	632	943	1354	1403	1362	13808
1.50 - 1.99	699	740	667	469	289	141	80	101	286	501	671	738	5382
2.00 - 2.49	350	347	271	182	85	49	15	18	109	213	243	369	2251
2.50 - 2.99	133	150	108	69	18	24	6	3	46	96	60	171	884
3.00 - 3.49	75	53	35	12	10	12	1	2	16	45	28	54	343
3.50 - 3.99	42	21	14	8	3	3	3	.	13	20	17	20	164
4.00 - 4.49	29	10	6	6	3	.	.	.	5	6	10	10	85
4.50 - 4.99	9	6	10	2	.	.	.	.	4	13	6	4	54
5.00 - 5.49	3	5	6	.	.	.	.	.	.	3	6	3	26
5.50 - 5.99	5	.	.	.	.	.	.	.	.	.	9	.	14
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	6	.	6
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	1	.	1
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 61

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	410	425	555	611	489	458	639	579	320	405	404	373	5668
4.0 - 4.9	1301	1157	1256	1210	992	870	951	836	762	1033	1131	1143	12642
5.0 - 5.9	861	850	906	723	724	743	586	605	429	535	838	875	8675
6.0 - 6.9	428	478	527	481	395	584	399	596	543	405	431	423	5690
7.0 - 7.9	190	256	271	256	523	880	870	1027	821	660	228	246	6228
8.0 - 8.9	266	213	246	264	743	693	828	722	708	680	338	199	5900
9.0 - 9.9	335	247	352	380	643	370	503	367	561	535	310	352	4955
10.0 - 10.9	340	235	279	348	268	124	131	109	357	317	376	584	3468
11.0 - 11.9	379	224	258	241	104	65	23	71	237	191	313	364	2470
12.0 - 12.9	252	224	158	160	40	13	10	34	46	122	260	226	1545
13.0 - 13.9	96	146	84	80	20	.	9	10	16	65	107	86	719
14.0 - 14.9	54	38	30	40	16	.	7	3	.	12	40	64	304
15.0 - 15.9	20	24	20	4	2	.	4	.	.	.	18	16	108
16.0 - 16.9	20	2	10	.	1	.	.	1	.	.	3	6	43
17.0 - 17.9	7	1	7	2	.	.	.	.	.	.	1	3	21
18.0 - 18.9	1	.	1	.	.	.	.	.	.	.	1	.	3
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	1	.	1
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 61

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	280	192	210	158	108	68	79	115	180	208	202	190	1990
11.25 - 33.74 (22.5)	111	127	83	66	90	48	45	66	145	168	88	93	1130
33.75 - 56.24 (45.0)	76	118	68	60	113	66	47	112	151	170	71	93	1145
56.25 - 78.74 (67.5)	143	175	147	72	153	102	54	115	205	206	116	118	1606
78.75 - 101.24 (90.0)	898	930	914	786	772	350	268	445	1100	1206	1145	901	9715
101.25 - 123.74 (112.5)	875	483	607	721	1290	1383	1861	1736	1751	1278	786	944	13715
123.75 - 146.24 (135.0)	254	428	492	468	696	1027	700	965	449	465	306	312	6562
146.25 - 168.74 (157.5)	103	132	161	227	212	252	151	146	102	105	130	124	1845
168.75 - 191.24 (180.0)	282	247	436	481	425	385	359	226	159	127	285	339	3751
191.25 - 213.74 (202.5)	217	204	284	394	348	444	503	344	141	141	275	213	3508
213.75 - 236.24 (225.0)	131	106	135	202	212	237	324	235	112	102	152	126	2074
236.25 - 258.74 (247.5)	128	96	95	162	134	133	218	136	49	73	109	154	1487
258.75 - 281.24 (270.0)	245	235	237	259	162	132	161	141	64	168	210	253	2267
281.25 - 303.74 (292.5)	252	329	335	266	107	62	77	63	62	179	262	338	2332
303.75 - 326.24 (315.0)	447	387	420	242	67	45	50	53	40	193	332	377	2653
326.25 - 348.74 (337.5)	518	331	336	236	71	66	63	62	90	171	331	385	2660
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.50 N, LONG: 75.50 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 61 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2184	.	.	.	.	.	.	.	.	.	2184
1.00 - 1.99	1232	302	.	.	.	.	.	.	.	.	1534
2.00 - 2.99	.	67	.	.	.	.	.	.	.	.	67
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3416	369	0	0	0	0	0	0	0	0	3785

STATION: 61 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	926	167	.	.	.	.	.	.	.	.	1093
1.00 - 1.99	179	800	32	.	.	.	.	.	.	.	1011
2.00 - 2.99	.	82	163	1	.	.	.	.	.	.	246
3.00 - 3.99	.	.	33	16	.	.	.	.	.	.	49
4.00 - 4.99	.	.	.	10	1	.	.	.	.	.	11
5.00 - 5.99	.	.	.	1	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1105	1049	228	28	1	0	0	0	0	0	2411

STATION: 61 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	834	1088	2697	3487	2019	500	105	19	1	.	10750
1.00 - 1.99	73	1138	911	1012	993	294	20	2	.	.	4443
2.00 - 2.99	.	59	332	272	165	78	24	.	.	.	930
3.00 - 3.99	.	.	57	130	69	41	.	3	.	.	300
4.00 - 4.99	.	.	.	40	63	12	1	.	.	.	116
5.00 - 5.99	.	.	.	1	26	10	1	.	.	.	38
6.00 - 6.99	.	.	.	.	4	3	.	.	.	.	7
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	907	2285	3997	4942	3339	938	151	24	1	0	16584

STATION: 61 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	770	2031	6227	2547	422	25	.	.	.	.	12022
1.00 - 1.99	83	928	826	728	165	38	.	.	.	.	2768
2.00 - 2.99	.	50	248	144	55	22	.	.	.	.	519
3.00 - 3.99	.	.	22	30	22	.	.	.	.	.	74
4.00 - 4.99	.	.	.	2	10	.	.	.	.	.	12
5.00 - 5.99	.	.	.	.	1	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	853	3009	7323	3451	675	85	0	0	0	0	15396

STATION: 61 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1694	853	.	.	.	.	.	.	.	.	2547
1.00 - 1.99	279	3038	72	.	.	.	.	.	.	.	3389
2.00 - 2.99	.	188	435	.	.	.	.	.	.	.	623
3.00 - 3.99	.	.	67	2	.	.	.	.	.	.	69
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1973	4079	574	2	0	0	0	0	0	0	6628

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.50 N, LONG: 75.50 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 61 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2352	139	.	.	.	.	.	.	.	.	2491
1.00 - 1.99	1032	590	.	.	.	.	.	.	.	.	1622
2.00 - 2.99	.	92	2	.	.	.	.	.	.	.	94
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3384	821	2	0	0	0	0	0	0	0	4207

STATION: 61 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2576	.	.	.	.	.	.	.	.	.	2576
1.00 - 1.99	923	464	.	.	.	.	.	.	.	.	1387
2.00 - 2.99	.	165	.	.	.	.	.	.	.	.	165
3.00 - 3.99	.	3	1	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3499	632	1	0	0	0	0	0	0	0	4132

STATION: 61 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1759	.	.	.	.	.	.	.	.	.	1759
1.00 - 1.99	1414	1622	.	.	.	.	.	.	.	.	3036
2.00 - 2.99	.	491	.	.	.	.	.	.	.	.	491
3.00 - 3.99	.	8	3	.	.	.	.	.	.	.	11
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3173	2121	3	0	0	0	0	0	0	0	5297

STATION: 61 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	13095	4278	8924	6034	2441	525	105	19	1	.	35422
1.00 - 1.99	5215	8882	1841	1740	1158	332	20	2	.	.	19190
2.00 - 2.99	.	1194	1180	417	220	100	24	.	.	.	3135
3.00 - 3.99	.	11	183	178	91	41	.	3	.	.	507
4.00 - 4.99	.	.	.	52	74	12	1	.	.	.	139
5.00 - 5.99	.	.	.	2	27	10	1	.	.	.	40
6.00 - 6.99	.	.	.	.	4	3	.	.	.	.	7
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	18310	14365	12128	8423	4015	1023	151	24	1	0	58440

STATION: 61

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	144	100	121	144	234	336	363	367	327	236	150	134	2656
2.50 - 4.99	1101	1052	1278	1565	2198	2617	2819	3038	2470	1806	1427	1211	22582
5.00 - 7.49	1158	997	1361	1360	1634	1310	1356	1123	1089	1300	1146	1209	15043
7.50 - 9.99	1263	1248	1248	1209	765	474	401	410	719	1097	1156	1159	11149
10.00 - 12.49	580	532	493	334	101	46	12	16	138	352	497	581	3682
12.50 - 14.99	431	412	347	134	25	13	5	6	47	134	306	445	2305
15.00 - 17.49	133	82	57	27	3	2	1	.	4	17	61	103	490
17.50 - 19.99	116	77	44	23	.	2	3	.	6	18	42	100	431
20.00 - GREATER	34	20	11	4	.	.	.	.	.	.	15	18	102
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.50 N, LONG: 75.50 W, DEPTH: 18 M

STATION: 61

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	937	735	684	553	516	391	362	501	910	885	730	706	7910
22.50 - 67.49 (45.0)	366	450	362	258	554	461	288	488	801	786	409	403	5626
67.50 - 112.49 (90.0)	218	314	336	274	331	314	245	306	385	578	258	249	3808
112.50 - 157.49 (135.0)	231	280	343	338	443	362	299	328	413	372	284	277	3970
157.50 - 202.49 (180.0)	372	366	537	669	757	821	814	665	497	318	445	506	6767
202.50 - 247.49 (225.0)	653	537	706	975	1110	1413	1754	1340	799	553	748	675	11263
247.50 - 292.49 (270.0)	805	698	751	883	768	718	819	822	497	619	770	880	9030
292.50 - 337.49 (315.0)	1378	1140	1241	850	481	320	379	510	498	849	1156	1264	10066
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 61

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.55	0.97	1.05	1.08	0.77	0.86	0.78	0.75	1.00	1.57	1.06	0.95	1.03
1957	0.97	1.04	1.01	0.98	0.72	0.91	0.64	0.75	0.80	1.09	1.14	1.28	0.94
1958	1.25	1.30	1.22	1.36	0.87	0.82	0.75	0.84	0.72	1.49	0.95	1.16	1.06
1959	1.28	1.00	1.12	0.97	0.66	0.59	0.83	0.67	0.76	0.99	1.17	1.09	0.93
1960	1.12	1.53	1.26	0.94	0.92	0.88	0.70	0.75	0.88	0.84	0.92	1.05	0.98
1961	1.09	1.22	0.95	1.00	0.95	0.83	0.63	0.73	1.03	1.02	1.07	0.95	0.95
1962	1.22	1.02	1.35	0.99	0.77	0.74	0.75	0.77	0.81	0.96	1.86	1.57	1.07
1963	1.07	1.24	1.06	0.92	0.88	0.70	0.62	0.61	0.96	1.09	1.13	1.01	0.94
1964	1.48	1.22	1.13	0.95	1.00	0.69	0.78	0.72	1.14	0.91	0.90	1.22	1.01
1965	1.33	1.21	0.88	0.87	0.65	0.82	0.67	0.64	0.81	1.08	1.00	0.85	0.90
1966	1.45	1.02	0.93	0.78	0.78	0.87	0.71	0.66	0.89	0.95	1.25	1.20	0.96
1967	1.07	1.31	0.95	1.04	0.96	0.77	0.72	0.67	1.06	0.84	0.99	1.18	0.96
1968	1.31	1.23	1.10	0.86	0.80	0.56	0.47	0.51	0.63	0.91	1.03	1.28	0.89
1969	1.47	1.73	1.29	0.97	1.00	0.67	0.63	0.73	0.87	1.10	1.24	1.45	1.09
1970	1.05	1.25	0.91	1.17	0.88	0.79	0.72	0.70	0.74	1.30	1.17	1.10	0.98
1971	1.14	1.15	1.25	0.92	0.88	0.60	0.73	0.78	0.93	1.17	0.97	1.22	0.98
1972	1.00	1.22	1.04	0.82	1.28	0.86	0.64	0.66	0.95	1.05	1.04	1.11	0.97
1973	1.23	1.21	1.19	0.97	0.90	0.77	0.67	0.55	0.71	0.86	1.06	1.44	0.96
1974	0.84	1.16	1.06	0.99	0.79	0.66	0.51	0.55	0.79	0.72	1.02	1.25	0.86
1975	1.18	0.97	1.31	1.08	0.73	0.75	0.79	0.46	0.90	0.97	1.08	1.25	0.96
MEAN	1.20	1.20	1.10	0.98	0.86	0.76	0.69	0.67	0.87	1.05	1.10	1.18	

STATION: 61

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	361310	24 719	23 813	4510 9	16 5 3	19 6 4	21 619	15 534	4811 9	37 9 7	22 523	27 630	4811 9
1957	22 718	31 8 8	34 8 7	27 719	14 520	31 9 9	14 614	22 812	23 710	5111 8	35 8 5	32 816	5111 8
1958	31 812	26 630	29 910	41 9 8	16 614	181111	14 521	22 718	21 535	5312 9	21 617	5411 7	5411 7
1959	32 818	23 523	39 914	35 8 4	15 618	15 530	19 615	16 6 8	20 713	25 714	27 816	28 817	39 914
1960	591310	541410	35 8 9	23 716	211111	19 7 5	27 717	19 7 7	18 913	20 536	21 530	30 633	591310
1961	32 8 9	38 913	24 811	28 711	23 532	18 6 4	14 519	15 618	301011	2612 9	22 7 8	22 630	38 913
1962	41 9 6	25 9 8	5015 9	28 817	16 619	24 810	22 7 8	18 814	4110 8	22 7 3	6513 9	4510 8	6513 9
1963	28 633	35 9 9	36 819	26 816	23 715	32 811	20 617	23 718	24 8 8	3310 9	33 812	28 717	36 819
1964	4710 8	29 7 3	34 818	27 719	27 8 9	13 519	18 611	20 717	3911 7	36 910	34 915	30 818	4710 8
1965	4610 7	33 719	21 6 5	24 717	14 521	26 910	20 619	15 616	21 7 8	33 815	27 718	27 818	4610 7
1966	5912 8	29 719	30 814	18 710	18 6 7	3510 8	16 618	15 619	24 813	24 8 5	271210	33 8 7	5912 8
1967	30 817	30 7 8	28 719	24 633	26 8 6	15 520	14 619	14 618	28 8 7	22 525	21 533	321111	321111
1968	4911 8	4810 6	34 818	27 719	36 8 8	15 520	10 515	17 6 3	15 711	20 615	32 819	39 819	4911 8
1969	5210 7	4813 8	5112 7	25 718	24 719	19 717	15 618	15 619	24 8 6	23 6 3	401212	35 816	5210 7
1970	33 8 7	34 817	29 817	33 818	15 5 8	14 5 4	16 618	22 7 7	27 718	3710 7	291112	32 813	3710 7
1971	28 630	32 720	5111 8	461010	21 7 8	12 423	18 912	32 914	32 910	331012	27 630	27 631	5111 8
1972	25 719	29 713	27 719	18 535	4411 9	27 913	15 618	14 6 4	26 6 3	26 8 8	29 8 8	24 718	4411 9
1973	29 815	4310 5	34 818	25 719	30 817	15 517	13 521	16 618	22 717	27 816	24 719	35 816	4310 5
1974	21 713	33 817	26 810	28 719	22 617	17 6 7	12 425	12 520	18 615	21 6 3	24 634	451011	451011
1975	39 9 6	32 720	501114	34 818	15 618	3912 9	3613 9	91010	19 620	24 8 6	5812 9	35 819	5812 9
MAX	5912 8	541410	5111 8	461010	4411 9	3912 9	3613 9	32 914	4811 9	5312 9	6513 9	5411 7	

MAX Hmo(m): 6.5 MAX Tp(sec): 13. MAX Dp(deg): 94. DATE(gmt): 62112709

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 295. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.75 N, LONG: 75.25 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 62

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	321	353	346	481	400	535	725	762	417	423	376	337	5476
0.50 - 0.99	1682	1463	1889	2006	2775	3084	3339	3302	2836	2137	1821	1728	28062
1.00 - 1.49	1409	1191	1408	1340	1203	872	723	725	979	1364	1347	1336	13897
1.50 - 1.99	798	805	751	588	425	208	140	137	330	564	758	825	6329
2.00 - 2.49	392	381	327	246	115	53	19	28	135	268	298	406	2668
2.50 - 2.99	165	198	140	94	22	31	6	4	57	115	101	215	1148
3.00 - 3.49	69	65	50	26	13	10	2	2	21	44	41	62	405
3.50 - 3.99	72	36	21	11	4	4	2	.	13	21	17	28	229
4.00 - 4.49	34	17	7	6	3	1	1	.	6	8	12	14	109
4.50 - 4.99	10	5	10	2	.	.	1	.	6	11	4	6	55
5.00 - 5.49	4	5	7	.	.	2	2	.	.	5	8	2	35
5.50 - 5.99	4	1	3	.	.	.	.	.	.	.	8	1	17
6.00 - 6.49	.	.	1	.	.	.	.	.	.	.	7	.	8
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	2	.	2
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 62

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	363	365	484	517	390	318	468	452	273	353	343	310	4636
4.0 - 4.9	1102	969	1079	985	779	661	749	637	606	843	943	942	10295
5.0 - 5.9	916	884	981	857	954	975	928	900	538	631	928	928	10420
6.0 - 6.9	465	514	504	521	520	753	514	756	542	478	451	481	6499
7.0 - 7.9	285	319	418	319	500	863	832	936	855	701	327	319	6674
8.0 - 8.9	276	268	279	318	730	664	795	712	782	698	348	244	6114
9.0 - 9.9	395	278	370	424	633	366	480	348	539	559	347	404	5143
10.0 - 10.9	332	253	291	349	272	128	138	107	383	321	371	573	3518
11.0 - 11.9	385	240	249	230	104	55	27	64	203	174	318	359	2408
12.0 - 12.9	252	212	150	149	40	17	9	33	62	128	246	229	1527
13.0 - 13.9	92	147	94	86	22	.	8	12	17	62	115	92	747
14.0 - 14.9	52	50	23	31	12	.	9	2	.	12	42	55	288
15.0 - 15.9	23	19	21	11	4	.	3	1	.	.	15	17	114
16.0 - 16.9	17	2	11	2	.	.	.	.	.	.	4	6	42
17.0 - 17.9	4	.	6	1	.	.	.	.	.	.	.	.	11
18.0 - 18.9	1	.	.	.	.	.	.	.	.	.	1	1	3
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	1	.	1
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 62

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	217	142	157	108	79	45	63	85	133	161	159	127	1476
11.25 - 33.74 (22.5)	78	95	58	52	79	35	25	45	100	109	55	54	785
33.75 - 56.24 (45.0)	192	215	152	79	143	74	66	154	243	306	159	178	1961
56.25 - 78.74 (67.5)	186	243	221	146	176	143	65	162	250	291	190	182	2255
78.75 - 101.24 (90.0)	804	840	809	693	649	280	236	343	982	1010	1048	815	8509
101.25 - 123.74 (112.5)	805	398	533	658	1085	1073	1413	1400	1586	1182	708	868	11709
123.75 - 146.24 (135.0)	310	513	521	497	693	1059	851	994	606	542	356	371	7313
146.25 - 168.74 (157.5)	180	198	288	370	473	507	380	408	192	206	197	212	3611
168.75 - 191.24 (180.0)	297	257	450	507	518	520	525	385	155	138	311	378	4441
191.25 - 213.74 (202.5)	175	178	248	315	304	379	414	311	132	140	254	165	3015
213.75 - 236.24 (225.0)	175	147	171	277	273	282	396	267	129	121	195	169	2602
236.25 - 258.74 (247.5)	130	87	99	171	133	138	206	125	62	75	100	141	1467
258.75 - 281.24 (270.0)	229	206	213	222	143	119	141	113	61	152	185	236	2020
281.25 - 303.74 (292.5)	235	323	311	255	95	54	83	55	56	171	266	317	2221
303.75 - 326.24 (315.0)	441	369	420	236	55	32	43	55	37	184	317	386	2575
326.25 - 348.74 (337.5)	506	309	309	214	62	60	53	58	76	172	300	361	2480
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.75 N LONG: 75.25 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 62 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1692		.	.	.	.	.	.	.	.	1692
1.00 - 1.99	942	228	.	.	.	.	.	.	.	.	1170
2.00 - 2.99	.	48	.	.	.	.	.	.	.	.	48
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2634	276	0	0	0	0	0	0	0	0	2910

STATION: 62 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	729	455	124	8	.	.	.	.	.	.	1316
1.00 - 1.99	176	981	355	2	.	.	.	.	.	.	1514
2.00 - 2.99	.	90	270	31	.	.	.	.	.	.	391
3.00 - 3.99	.	.	51	43	1	.	.	.	.	.	95
4.00 - 4.99	.	.	.	23	7	.	.	.	.	.	30
5.00 - 5.99	.	.	.	1	1	.	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	905	1526	800	108	9	0	0	0	0	0	3348

STATION: 62 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	747	859	2171	3054	1776	454	101	12	1	.	9175
1.00 - 1.99	67	1103	876	1020	992	310	31	.	.	.	4399
2.00 - 2.99	.	61	328	243	194	89	21	.	.	.	936
3.00 - 3.99	.	.	49	115	83	43	2	1	.	.	293
4.00 - 4.99	.	.	.	36	60	13	.	1	.	.	110
5.00 - 5.99	.	.	.	.	33	14	1	.	.	.	48
6.00 - 6.99	.	.	.	.	6	4	.	.	.	.	10
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	814	2023	3424	4468	3144	927	156	14	1	0	14971

STATION: 62 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	692	1751	5865	2701	428	28	.	.	.	.	11465
1.00 - 1.99	82	1045	1090	993	231	52	.	.	.	.	3493
2.00 - 2.99	.	54	315	221	72	23	.	.	.	.	685
3.00 - 3.99	.	.	24	59	30	5	.	.	.	.	118
4.00 - 4.99	.	.	.	3	17	.	.	.	.	.	20
5.00 - 5.99	.	.	.	.	2	.	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	774	2850	7294	3977	780	108	0	0	0	0	15783

STATION: 62 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1355	2186	153	4	.	.	.	.	.	.	3698
1.00 - 1.99	197	2358	501	11	.	.	.	.	.	.	3067
2.00 - 2.99	.	175	551	42	.	.	.	.	.	.	768
3.00 - 3.99	.	.	49	48	1	.	.	.	.	.	98
4.00 - 4.99	.	.	.	3	1	.	.	.	.	.	4
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1552	4719	1254	108	2	0	0	0	0	0	7635

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.75 N LONG: 75.25 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 62 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1993	395	.	.	.	.	.	.	.	.	2388
1.00 - 1.99	216	2112	.	.	.	.	.	.	.	.	2328
2.00 - 2.99	.	296	6	.	.	.	.	.	.	.	302
3.00 - 3.99	.	1	6	.	.	.	.	.	.	.	7
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2209	2804	12	0	0	0	0	0	0	0	5025

STATION: 62 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2225	.	.	.	.	.	.	.	.	.	2225
1.00 - 1.99	826	442	.	.	.	.	.	.	.	.	1268
2.00 - 2.99	.	156	.	.	.	.	.	.	.	.	156
3.00 - 3.99	.	4	1	.	.	.	.	.	.	.	5
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3051	602	1	0	0	0	0	0	0	0	3654

STATION: 62 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1579	.	.	.	.	.	.	.	.	.	1579
1.00 - 1.99	1413	1574	.	.	.	.	.	.	.	.	2987
2.00 - 2.99	.	530	.	.	.	.	.	.	.	.	530
3.00 - 3.99	.	15	3	.	.	.	.	.	.	.	18
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2992	2119	3	0	0	0	0	0	0	0	5114

STATION: 62 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	11012	5646	8313	5767	2204	482	101	12	1	.	33538
1.00 - 1.99	3919	9843	2822	2026	1223	362	31	.	.	.	20226
2.00 - 2.99	.	1410	1470	537	266	112	21	.	.	.	3816
3.00 - 3.99	.	20	183	265	115	48	2	1	.	.	634
4.00 - 4.99	.	.	.	65	85	13	.	1	.	.	164
5.00 - 5.99	.	.	.	1	36	14	1	.	.	.	52
6.00 - 6.99	.	.	.	.	6	4	.	.	.	.	10
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14931	16919	12788	8661	3935	1035	156	14	1	0	58440

STATION: 62

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	123	86	109	127	213	293	337	324	295	201	138	117	2363
2.50 - 4.99	1111	1033	1255	1537	2187	2628	2819	3053	2472	1808	1388	1200	22491
5.00 - 7.49	1144	1002	1370	1397	1658	1322	1370	1144	1107	1320	1165	1216	15215
7.50 - 9.99	1270	1252	1265	1207	773	496	412	415	728	1095	1183	1167	11263
10.00 - 12.49	587	551	492	341	101	44	11	18	138	362	499	583	3727
12.50 - 14.99	437	415	357	137	25	12	7	6	49	139	309	452	2345
15.00 - 17.49	133	83	56	24	3	3	.	.	5	16	61	105	489
17.50 - 19.99	121	78	45	26	.	2	4	.	6	19	44	101	446
20.00 - GREATER	34	20	11	4	.	.	.	.	.	.	13	19	101
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 37.75 N, LONG: 75.25 W, DEPTH: 18 M

STATION: 62

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	924	729	677	548	523	393	366	500	909	886	727	706	7888
22.50 - 67.49 (45.0)	367	451	365	262	542	452	288	483	788	771	404	392	5565
67.50 - 112.49 (90.0)	217	311	334	272	333	320	236	309	391	584	258	254	3819
112.50 - 157.49 (135.0)	233	280	345	335	444	361	310	326	416	372	286	272	3980
157.50 - 202.49 (180.0)	379	364	542	672	758	828	818	679	489	323	447	505	6804
202.50 - 247.49 (225.0)	648	537	696	972	1100	1401	1738	1323	801	548	747	673	11184
247.50 - 292.49 (270.0)	808	702	745	884	775	724	822	825	497	624	772	893	9071
292.50 - 337.49 (315.0)	1384	1146	1256	855	485	321	382	515	509	852	1159	1265	10129
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 62

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.64	1.03	1.13	1.14	0.82	0.92	0.84	0.79	1.05	1.60	1.13	1.01	1.09
1957	1.02	1.11	1.05	1.05	0.78	0.96	0.69	0.78	0.85	1.14	1.21	1.37	1.00
1958	1.32	1.34	1.28	1.44	0.94	0.88	0.81	0.89	0.76	1.54	1.00	1.21	1.12
1959	1.35	1.07	1.18	1.05	0.70	0.63	0.88	0.72	0.78	1.05	1.24	1.14	0.98
1960	1.17	1.61	1.31	1.01	0.98	0.93	0.74	0.80	0.92	0.89	0.96	1.10	1.03
1961	1.14	1.29	1.00	1.08	1.02	0.93	0.68	0.76	1.08	1.07	1.10	1.00	1.01
1962	1.31	1.07	1.44	1.05	0.80	0.79	0.80	0.82	0.86	1.01	1.94	1.62	1.13
1963	1.13	1.32	1.16	0.96	0.95	0.76	0.67	0.65	1.00	1.12	1.21	1.04	0.99
1964	1.57	1.27	1.23	1.02	1.05	0.73	0.84	0.76	1.19	0.96	0.96	1.30	1.07
1965	1.41	1.28	0.93	0.92	0.68	0.87	0.72	0.69	0.84	1.13	1.05	0.90	0.95
1966	1.52	1.06	0.99	0.84	0.86	0.93	0.75	0.73	0.95	0.98	1.31	1.26	1.02
1967	1.13	1.39	1.01	1.10	1.00	0.79	0.78	0.73	1.13	0.88	1.04	1.25	1.02
1968	1.37	1.28	1.16	0.92	0.86	0.63	0.50	0.53	0.65	0.96	1.11	1.34	0.94
1969	1.54	1.80	1.33	1.06	1.08	0.72	0.68	0.79	0.91	1.15	1.30	1.52	1.15
1970	1.10	1.34	0.97	1.25	0.92	0.84	0.77	0.76	0.78	1.34	1.22	1.15	1.04
1971	1.21	1.22	1.31	0.98	0.97	0.64	0.78	0.84	0.96	1.23	1.03	1.28	1.04
1972	1.07	1.28	1.12	0.90	1.37	0.94	0.67	0.70	1.01	1.09	1.11	1.16	1.03
1973	1.30	1.27	1.27	1.04	0.97	0.83	0.72	0.60	0.74	0.91	1.16	1.55	1.03
1974	0.90	1.23	1.14	1.08	0.84	0.74	0.54	0.58	0.82	0.76	1.09	1.34	0.92
1975	1.25	1.04	1.39	1.15	0.77	0.80	0.88	0.47	0.95	1.03	1.15	1.32	1.02
MEAN	1.27	1.27	1.17	1.05	0.92	0.81	0.74	0.72	0.91	1.09	1.17	1.24	

STATION: 62

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	3813 9	29 720	28 814	4510 9	17 522	19 6 4	21 719	16 534	4812 9	38 8 4	26 623	28 630	4812 9
1957	24 621	31 8 7	35 8 6	28 818	17 522	30 8 6	16 524	21 812	22 710	5212 9	34 8 5	32 816	5212 9
1958	31 812	27 630	311010	40 9 8	17 914	201211	16 524	22 719	22 535	521310	24 621	5612 9	5612 9
1959	35 918	27 623	40 915	35 8 4	17 521	15 530	21 717	18 6 8	21 813	27 715	29 917	29 8 8	40 915
1960	591310	5513 9	35 8 9	23 816	211111	19 7 6	28 817	19 7 8	21 914	22 8 5	24 718	32 633	591310
1961	35 8 8	411112	23 811	28 711	251013	18 6 4	16 525	17 521	331111	3012 8	24 7 7	25 622	411112
1962	41 9 5	27 8 4	6014 8	29 818	16 619	24 7 8	21 7 8	18 815	4610 6	22 7 3	6613 9	4510 8	6613 9
1963	28 633	4110 5	39 917	27 816	24 917	33 811	20 618	23 718	24 8 7	33 9 7	331013	28 717	4110 5
1964	4710 7	29 632	35 818	28 819	28 8 8	14 521	18 6 9	20 717	4012 8	36 910	35 914	31 818	4710 7
1965	4710 6	35 722	21 718	24 718	17 521	28 8 7	21 619	15 619	21 7 7	33 816	27 718	29 917	4710 6
1966	5812 8	36 819	30 814	18 710	18 622	3510 8	17 521	18 522	25 912	24 8 5	31 720	33 9 9	5812 8
1967	30 817	30 7 8	28 818	25 633	26 8 5	17 619	16 523	15 521	29 8 3	27 624	24 622	371112	371112
1968	4910 5	4710 6	36 917	30 917	36 8 7	16 521	10 516	17 6 3	16 610	20 615	34 818	431116	4910 5
1969	531210	5013 8	5112 8	26 817	25 719	20 717	15 618	17 521	24 8 6	25 625	441213	35 914	531210
1970	36 9 8	37 916	29 818	34 818	16 717	15 5 4	17 521	22 7 7	28 720	3810 6	321112	32 812	3810 6
1971	28 719	36 818	5011 7	4610 9	22 7 7	12 523	21 718	32 914	31 910	33 910	28 630	29 623	5011 7
1972	25 719	29 713	27 719	19 535	4411 8	28 913	15 618	16 521	28 9 7	26 8 8	29 7 4	24 817	4411 8
1973	29 814	4410 5	36 917	25 719	31 817	17 525	16 524	16 717	24 816	29 818	29 818	361014	4410 5
1974	23 620	34 917	26 910	30 719	22 617	18 7 8	15 524	12 520	19 620	21 6 3	25 624	471111	471111
1975	3910 6	36 819	521213	38 819	16 619	5211 6	5013 8	9 9 9	23 621	26 8 5	611210	37 8 4	611210
MAX	591310	5513 9	6014 8	4610 9	4411 8	5211 6	5013 8	32 914	4812 9	521310	6613 9	5612 9	

MAX Hmo(m): 6.6 MAX Tp(sec): 13. MAX Dp(deg): 94. DATE(gmt): 62112709

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 295. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.00 N, LONG: 75.00 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 63

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	233	266	252	391	313	438	609	638	341	353	289	252	4375
0.50 - 0.99	1509	1350	1772	1897	2668	3087	3349	3296	2725	1981	1714	1571	26919
1.00 - 1.49	1412	1219	1414	1400	1316	907	806	828	998	1379	1329	1384	14392
1.50 - 1.99	830	784	749	613	455	257	152	152	380	605	801	850	6628
2.00 - 2.49	505	487	435	301	157	54	27	34	215	354	369	474	3412
2.50 - 2.99	216	217	202	120	32	39	5	9	78	169	154	255	1496
3.00 - 3.49	90	91	75	46	11	11	1	3	32	62	71	95	588
3.50 - 3.99	70	49	29	22	5	4	5	.	14	28	32	47	305
4.00 - 4.49	56	34	7	8	3	1	2	.	8	11	7	21	158
4.50 - 4.99	26	13	13	2	.	1	1	.	9	13	10	8	96
5.00 - 5.49	9	9	3	.	.	1	3	.	.	5	7	3	40
5.50 - 5.99	3	1	2	.	.	.	.	.	.	.	13	.	19
6.00 - 6.49	1	.	.	.	.	.	.	.	.	.	3	.	4
6.50 - 6.99	.	.	2	.	.	.	.	.	.	.	1	.	3
7.00 - 7.49	.	.	3	.	.	.	.	.	.	.	.	.	3
7.50 - 7.99	.	.	1	.	.	.	.	.	.	.	.	.	1
8.00 - 8.49	.	.	1	.	.	.	.	.	.	.	.	.	1
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 63

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	241	254	364	421	323	273	441	395	182	239	233	233	3599
4.0 - 4.9	987	932	1075	1000	843	729	800	713	677	859	921	901	10437
5.0 - 5.9	1096	970	1089	901	979	1015	987	972	721	814	1019	1064	11627
6.0 - 6.9	696	653	679	677	619	783	557	764	702	638	634	607	8009
7.0 - 7.9	326	392	416	325	500	843	813	924	828	686	380	371	6804
8.0 - 8.9	265	246	254	292	695	638	739	662	661	651	316	245	5664
9.0 - 9.9	358	268	333	392	580	341	440	312	484	465	308	378	4659
10.0 - 10.9	303	229	267	330	251	113	131	105	291	273	340	523	3156
11.0 - 11.9	326	216	214	225	93	48	24	62	191	170	309	319	2197
12.0 - 12.9	211	181	144	127	37	17	12	30	46	103	199	180	1287
13.0 - 13.9	75	117	74	65	23	.	8	15	17	55	83	72	604
14.0 - 14.9	45	48	19	35	14	.	5	4	.	6	31	41	248
15.0 - 15.9	15	13	18	8	2	.	3	2	.	1	23	17	102
16.0 - 16.9	10	1	11	1	1	.	.	.	.	.	3	7	34
17.0 - 17.9	5	.	3	1	.	.	.	.	.	.	.	2	11
18.0 - 18.9	1	.	.	.	.	.	.	.	.	.	1	.	2
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 63

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	470	340	306	262	141	78	101	131	250	338	338	352	3107
11.25 - 33.74 (22.5)	192	193	148	107	132	71	56	106	246	253	140	161	1805
33.75 - 56.24 (45.0)	144	179	139	81	145	90	69	174	208	250	143	153	1775
56.25 - 78.74 (67.5)	209	324	352	248	267	177	86	193	415	383	308	243	3205
78.75 - 101.24 (90.0)	610	604	610	562	588	270	216	296	805	860	814	676	6911
101.25 - 123.74 (112.5)	701	359	428	561	943	961	1231	1206	1375	1002	586	712	10065
123.75 - 146.24 (135.0)	324	516	507	518	735	1059	914	1063	595	534	367	389	7521
146.25 - 168.74 (157.5)	156	163	243	317	416	527	375	403	170	194	196	196	3356
168.75 - 191.24 (180.0)	216	191	344	386	423	420	454	336	132	123	231	277	3533
191.25 - 213.74 (202.5)	207	205	312	362	343	429	479	335	144	144	282	212	3454
213.75 - 236.24 (225.0)	219	185	224	331	310	307	446	297	158	133	246	198	3054
236.25 - 258.74 (247.5)	128	92	102	160	142	148	213	136	70	72	90	129	1482
258.75 - 281.24 (270.0)	203	161	197	208	148	119	143	125	56	143	165	205	1873
281.25 - 303.74 (292.5)	195	250	234	204	101	53	65	49	48	131	214	243	1787
303.75 - 326.24 (315.0)	439	384	417	271	61	37	53	57	43	199	334	410	2705
326.25 - 348.74 (337.5)	547	374	397	222	65	54	59	53	85	201	346	404	2807
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.00 N, LONG: 75.00 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 63 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1633	220	.	.	.	.	.	.	.	.	1853
1.00 - 1.99	333	2069	.	.	.	.	.	.	.	.	2402
2.00 - 2.99	.	676	227	.	.	.	.	.	.	.	903
3.00 - 3.99	.	1	161	1	.	.	.	.	.	.	163
4.00 - 4.99	.	.	25	2	.	.	.	.	.	.	27
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1966	2966	413	3	0	0	0	0	0	0	5348

STATION: 63 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	794	434	184	61	.	.	.	.	.	.	1473
1.00 - 1.99	79	1278	138	27	1	.	.	.	.	.	1523
2.00 - 2.99	.	117	372	21	3	.	.	.	.	.	513
3.00 - 3.99	.	.	81	69	10	.	.	.	.	.	160
4.00 - 4.99	.	.	.	48	15	1	.	.	.	.	64
5.00 - 5.99	.	.	.	5	13	.	.	.	.	.	18
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	4	.	.	.	.	4
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	873	1829	775	231	42	5	0	0	0	0	3755

STATION: 63 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	776	829	1921	2547	1434	351	80	9	.	.	7947
1.00 - 1.99	66	1137	809	933	890	256	41	3	.	.	4135
2.00 - 2.99	.	62	378	172	165	84	8	.	.	.	869
3.00 - 3.99	.	.	50	110	70	20	4	.	.	.	254
4.00 - 4.99	.	.	.	39	63	32	1	1	.	.	136
5.00 - 5.99	.	.	.	.	34	6	.	.	.	.	40
6.00 - 6.99	.	.	.	.	5	2	.	.	.	.	7
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	1	.	.	.	1
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	842	2028	3158	3801	2661	751	135	13	0	0	13389

STATION: 63 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	702	1676	5509	2427	390	27	1	.	.	.	10732
1.00 - 1.99	87	1083	1107	1007	252	47	.	.	.	.	3583
2.00 - 2.99	.	62	309	222	81	16	.	.	.	.	690
3.00 - 3.99	.	.	30	60	39	6	.	.	.	.	135
4.00 - 4.99	.	.	.	5	17	.	.	.	.	.	22
5.00 - 5.99	.	.	.	.	1	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	789	2821	6955	3721	780	96	1	0	0	0	15163

STATION: 63 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1305	1822	34	.	.	.	.	.	.	.	3161
1.00 - 1.99	206	2154	231	.	.	.	.	.	.	.	2591
2.00 - 2.99	.	128	498	18	.	.	.	.	.	.	644
3.00 - 3.99	.	.	52	37	1	.	.	.	.	.	90
4.00 - 4.99	.	.	.	4	.	.	.	.	.	.	4
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1511	4104	815	59	1	0	0	0	0	0	6490

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.00 N LONG: 75.00 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 63 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1934	543	.	.	.	.	.	.	.	.	2477
1.00 - 1.99	203	2424	47	.	.	.	.	.	.	.	2674
2.00 - 2.99	.	392	235	.	.	.	.	.	.	.	627
3.00 - 3.99	.	.	65	.	.	.	.	.	.	.	65
4.00 - 4.99	.	.	1	.	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2137	3359	348	0	0	0	0	0	0	0	5844

STATION: 63 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2082	.	.	.	.	.	.	.	.	.	2082
1.00 - 1.99	774	285	.	.	.	.	.	.	.	.	1059
2.00 - 2.99	.	124	.	.	.	.	.	.	.	.	124
3.00 - 3.99	.	5	.	.	.	.	.	.	.	.	5
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2856	414	0	0	0	0	0	0	0	0	3270

STATION: 63 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1569	.	.	.	.	.	.	.	.	.	1569
1.00 - 1.99	1493	1560	.	.	.	.	.	.	.	.	3053
2.00 - 2.99	.	538	.	.	.	.	.	.	.	.	538
3.00 - 3.99	.	17	4	.	.	.	.	.	.	.	21
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3062	2115	4	0	0	0	0	0	0	0	5181

STATION: 63 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10795	5524	7648	5035	1824	378	81	9	.	.	31294
1.00 - 1.99	3241	11990	2332	1967	1143	303	41	3	.	.	21020
2.00 - 2.99	.	2099	2019	433	249	100	8	.	.	.	4908
3.00 - 3.99	.	23	443	277	120	26	4	.	.	.	893
4.00 - 4.99	.	.	26	98	95	33	1	1	.	.	254
5.00 - 5.99	.	.	.	5	48	6	.	.	.	.	59
6.00 - 6.99	.	.	.	.	5	2	.	.	.	.	7
7.00 - 7.99	.	.	.	.	.	4	.	.	.	.	4
8.00 - 8.99	.	.	.	.	.	.	1	.	.	.	1
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14036	19636	12468	7815	3484	852	136	13	0	0	58440

STATION: 63

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	89	68	94	101	155	202	281	246	219	146	95	93	1789
2.50 - 4.99	1050	985	1164	1448	2108	2618	2748	3020	2407	1727	1346	1141	21762
5.00 - 7.49	1190	1025	1392	1424	1721	1369	1446	1222	1207	1406	1203	1255	15860
7.50 - 9.99	1285	1251	1312	1265	841	539	460	447	756	1129	1205	1171	11661
10.00 - 12.49	606	572	506	359	106	54	14	18	143	366	500	596	3840
12.50 - 14.99	439	433	374	148	26	13	7	7	57	149	328	475	2456
15.00 - 17.49	148	83	62	24	3	3	.	.	5	18	65	105	516
17.50 - 19.99	117	82	44	27	.	2	4	.	6	19	43	106	450
20.00 - GREATER	36	21	12	4	.	.	.	.	.	.	15	18	106
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.00 N, LONG: 75.00 W, DEPTH: 18 M

STATION: 63

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	926	744	675	555	523	383	367	492	913	894	741	706	7919
22.50 - 67.49 (45.0)	381	457	379	278	559	466	297	499	801	794	410	408	5729
67.50 - 112.49 (90.0)	217	308	328	268	348	346	238	309	390	589	259	251	3851
112.50 - 157.49 (135.0)	225	272	333	319	418	343	306	316	404	359	283	258	3836
157.50 - 202.49 (180.0)	373	363	540	662	752	821	815	679	496	312	440	501	6754
202.50 - 247.49 (225.0)	663	546	706	984	1118	1425	1751	1331	808	548	743	678	11301
247.50 - 292.49 (270.0)	798	694	753	895	771	707	823	811	489	631	768	898	9038
292.50 - 337.49 (315.0)	1377	1136	1246	839	471	309	363	523	499	833	1156	1260	10012
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 63

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.91	1.06	1.23	1.19	0.86	0.95	0.87	0.83	1.12	1.66	1.19	1.04	1.16
1957	1.10	1.20	1.13	1.10	0.82	0.98	0.71	0.83	0.90	1.22	1.24	1.42	1.05
1958	1.44	1.40	1.37	1.49	1.00	0.91	0.82	0.91	0.80	1.58	1.05	1.36	1.18
1959	1.39	1.15	1.25	1.13	0.72	0.66	0.89	0.76	0.83	1.11	1.34	1.25	1.04
1960	1.21	1.69	1.41	1.08	1.01	0.97	0.77	0.82	0.98	1.02	1.02	1.18	1.09
1961	1.22	1.37	1.04	1.12	1.05	0.96	0.69	0.79	1.18	1.22	1.17	1.04	1.07
1962	1.43	1.20	1.67	1.09	0.83	0.81	0.82	0.86	0.93	1.06	2.06	1.72	1.21
1963	1.25	1.42	1.21	1.01	0.99	0.79	0.70	0.67	1.09	1.20	1.26	1.10	1.05
1964	1.62	1.37	1.30	1.06	1.10	0.76	0.88	0.77	1.25	1.06	1.04	1.40	1.13
1965	1.51	1.33	1.00	0.97	0.70	0.92	0.74	0.71	0.89	1.17	1.11	0.97	1.00
1966	1.64	1.15	1.04	0.89	0.91	0.97	0.79	0.76	1.04	1.06	1.40	1.39	1.09
1967	1.17	1.51	1.11	1.21	1.06	0.82	0.80	0.75	1.26	0.95	1.08	1.35	1.09
1968	1.50	1.41	1.23	0.99	0.91	0.65	0.50	0.56	0.68	0.98	1.17	1.41	1.00
1969	1.66	2.03	1.41	1.11	1.10	0.74	0.72	0.84	0.99	1.29	1.40	1.58	1.24
1970	1.21	1.42	1.03	1.35	0.97	0.88	0.78	0.80	0.83	1.39	1.29	1.24	1.10
1971	1.38	1.27	1.38	1.03	1.01	0.67	0.81	0.86	0.99	1.27	1.13	1.37	1.10
1972	1.19	1.39	1.18	1.02	1.42	0.97	0.69	0.73	1.16	1.22	1.30	1.27	1.13
1973	1.43	1.43	1.41	1.08	1.00	0.86	0.74	0.64	0.77	1.00	1.22	1.63	1.10
1974	0.98	1.39	1.24	1.16	0.89	0.78	0.58	0.62	0.89	0.87	1.25	1.42	1.00
1975	1.38	1.14	1.54	1.34	0.81	0.83	0.92	0.50	0.99	1.12	1.20	1.50	1.11
MEAN	1.38	1.37	1.26	1.12	0.96	0.84	0.76	0.75	0.98	1.17	1.25	1.33	

STATION: 63

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	5212 8	32 722	31 815	4510 9	24 7 3	19 7 9	21 720	21 635	4712 9	3710 6	29 724	28 724	5212 8
1957	29 7 1	35 8 3	36 8 4	29 721	19 621	31 8 8	16 524	21 813	22 710	5011 7	34 8 4	32 816	5011 7
1958	31 818	27 631	3510 9	38 8 6	22 635	21 623	17 621	22 719	24 6 3	5211 7	25 720	5412 9	5412 9
1959	35 919	31 723	40 915	35 8 4	18 620	16 531	27 718	18 6 1	21 612	27 715	29 721	34 8 5	40 915
1960	6112 9	5713 9	36 8 9	24 7 2	20 911	21 634	28 718	19 7 8	22 914	32 7 0	24 720	37 835	6112 9
1961	36 9 8	431112	22 710	29 813	271014	20 6 3	17 623	19 620	361010	4312 7	26 7 1	28 722	4312 7
1962	4610 5	35 8 3	8015 7	30 819	16 619	25 7 8	21 7 9	19 611	4610 6	23 721	6512 8	4411 5	8015 7
1963	29 633	4110 5	39 917	26 817	23 818	34 912	20 618	23 718	26 8 6	33 9 7	35 914	28 717	4110 5
1964	5111 8	41 8 1	35 818	29 721	28 8 8	16 536	20 6 1	20 717	4112 9	35 911	36 8 3	40 8 2	5111 8
1965	4610 5	37 822	24 635	24 718	19 621	29 9 9	21 719	15 619	23 7 6	34 815	28 723	30 7 1	4610 5
1966	5712 7	36 820	30 814	21 6 0	22 635	35 9 6	22 6 1	20 622	27 913	26 7 3	32 818	36 8 4	5712 7
1967	31 817	37 8 1	31 819	2811 6	29 7 0	16 620	17 622	15 536	31 9 4	30 723	25 719	381012	381012
1968	4712 7	5412 8	36 917	30 720	36 910	16 620	11 514	17 6 3	16 711	20 615	35 820	431018	5412 8
1969	5410 5	5111 4	5312 7	26 817	26 819	20 717	15 618	22 635	2813 9	27 722	451213	35 914	5410 5
1970	37 9 6	36 916	29 817	34 818	16 5 8	17 636	17 621	31 7 1	28 721	3910 5	371112	32 735	3910 5
1971	32 8 0	37 918	4911 6	4610 9	23 622	13 524	23 719	32 915	32 9 9	33 911	30 813	31 820	4911 6
1972	28 736	29 816	25 819	30 736	4310 7	27 913	16 618	16 522	34 9 5	26 8 7	31 7 1	24 817	4310 7
1973	30 814	4411 5	35 917	26 715	31 818	19 623	15 623	17 618	26 816	29 914	32 722	361014	4411 5
1974	24 719	34 820	30 9 9	32 819	22 6 1	19 623	15 623	16 5 1	22 6 0	24 6 1	38 836	481211	481211
1975	4110 6	39 919	511214	3810 6	19 6 2	5111 6	5212 6	9 4 8	25 722	30 7 1	5812 9	4510 4	5812 9
MAX	6112 9	5713 9	8015 7	4610 9	4310 7	5111 6	5212 6	32 915	4712 9	5211 7	6512 8	5412 9	

MAX Hmo(m): 8.0 MAX Tp(sec): 15. MAX Dp(deg): 72. DATE(gmt): 62030715

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 295. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.25 N, LONG: 75.00 W, DEPTH: 16 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 64

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	326	359	350	479	462	588	803	834	443	434	401	319	5798
0.50 - 0.99	1615	1394	1835	1974	2743	3144	3364	3267	2791	2056	1704	1663	27550
1.00 - 1.49	1372	1230	1383	1359	1215	811	672	713	900	1353	1376	1333	13717
1.50 - 1.99	840	762	786	618	378	169	97	123	375	607	773	824	6352
2.00 - 2.49	408	451	350	222	118	47	11	14	176	281	315	477	2870
2.50 - 2.99	184	168	151	90	34	31	1	9	69	133	121	205	1196
3.00 - 3.49	75	82	57	42	6	7	4	.	19	48	54	83	477
3.50 - 3.99	58	38	20	7	4	1	4	.	14	24	20	34	224
4.00 - 4.49	49	19	6	9	.	.	1	.	7	14	7	13	125
4.50 - 4.99	25	13	10	.	.	2	3	.	6	8	10	6	83
5.00 - 5.49	6	3	4	.	.	.	.	.	.	2	9	3	27
5.50 - 5.99	2	1	2	.	.	.	.	.	.	.	9	.	14
6.00 - 6.49	.	.	1	.	.	.	.	.	.	.	1	.	2
6.50 - 6.99	.	.	2	.	.	.	.	.	.	.	.	.	2
7.00 - 7.49	.	.	1	.	.	.	.	.	.	.	.	.	1
7.50 - 7.99	.	.	2	.	.	.	.	.	.	.	.	.	2
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 64

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	276	296	415	478	378	310	495	405	211	291	275	261	4091
4.0 - 4.9	1065	1012	1111	1100	976	835	901	792	633	901	1006	980	11312
5.0 - 5.9	1030	908	1032	729	711	801	716	779	635	718	918	944	9921
6.0 - 6.9	586	575	594	584	564	706	466	666	553	564	520	539	6917
7.0 - 7.9	281	347	374	333	458	820	776	901	815	614	368	352	6439
8.0 - 8.9	249	243	294	308	715	697	850	753	779	706	348	239	6181
9.0 - 9.9	402	299	367	435	720	429	516	398	578	528	355	388	5415
10.0 - 10.9	355	256	295	356	294	126	173	130	347	295	375	558	3560
11.0 - 11.9	373	243	225	261	88	64	39	67	192	184	332	389	2457
12.0 - 12.9	212	187	146	124	33	12	14	42	38	92	197	178	1275
13.0 - 13.9	78	111	66	57	16	.	8	17	19	59	64	78	573
14.0 - 14.9	42	37	19	32	7	.	5	4	.	8	23	32	209
15.0 - 15.9	9	6	13	2	.	.	1	2	.	.	18	19	70
16.0 - 16.9	.	.	7	1	.	.	.	.	.	.	.	3	11
17.0 - 17.9	.	.	2	.	.	.	.	4	.	.	1	.	7
18.0 - 18.9	2	.	.	.	.	.	.	.	.	.	.	.	2
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 64

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	407	281	282	214	127	67	89	101	193	265	287	281	2594
11.25 - 33.74 (22.5)	148	169	116	94	121	58	51	99	215	232	109	137	1549
33.75 - 56.24 (45.0)	136	184	121	60	126	78	53	153	163	215	115	102	1506
56.25 - 78.74 (67.5)	321	414	421	335	281	192	107	207	446	445	439	288	3896
78.75 - 101.24 (90.0)	648	580	638	659	663	345	264	427	1048	1050	845	954	8121
101.25 - 123.74 (112.5)	798	521	521	625	1248	1433	1847	1647	1555	1032	639	679	12545
123.75 - 146.24 (135.0)	226	372	450	427	550	689	438	719	333	407	291	275	5177
146.25 - 168.74 (157.5)	147	165	208	290	320	425	310	294	139	162	163	194	2817
168.75 - 191.24 (180.0)	272	219	415	439	485	524	554	406	161	142	285	315	4217
191.25 - 213.74 (202.5)	245	234	330	416	328	376	451	298	137	147	330	220	3512
213.75 - 236.24 (225.0)	107	96	119	192	211	234	294	203	114	97	120	115	1902
236.25 - 258.74 (247.5)	85	72	69	118	120	101	172	119	54	65	74	111	1160
258.75 - 281.24 (270.0)	230	165	209	230	142	125	154	116	56	153	192	205	1977
281.25 - 303.74 (292.5)	208	274	237	216	109	52	55	58	48	148	239	277	1921
303.75 - 326.24 (315.0)	421	421	431	267	68	46	61	53	46	200	349	404	2767
326.25 - 348.74 (337.5)	561	353	393	218	61	55	60	60	92	200	323	403	2779
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.25 N, LONG: 75.00 W, DEPTH: 16 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 64 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1640	124	.	.	.	.	.	.	.	.	1764
1.00 - 1.99	289	1898	.	.	.	.	.	.	.	.	2187
2.00 - 2.99	.	536	51	.	.	.	.	.	.	.	587
3.00 - 3.99	.	1	75	.	.	.	.	.	.	.	76
4.00 - 4.99	.	.	6	.	.	.	.	.	.	.	6
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1929	2559	132	0	0	0	0	0	0	0	4620

STATION: 64 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	702	417	158	65	.	.	.	.	.	.	1342
1.00 - 1.99	75	1094	124	22	.	.	.	.	.	.	1315
2.00 - 2.99	.	120	247	44	5	.	.	.	.	.	416
3.00 - 3.99	.	.	69	80	13	.	.	.	.	.	162
4.00 - 4.99	.	.	1	28	24	.	.	.	.	.	53
5.00 - 5.99	.	.	.	.	3	1	.	.	.	.	4
6.00 - 6.99	.	.	.	.	.	3	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	2	.	.	.	.	2
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	777	1631	599	239	45	6	0	0	0	0	3297

STATION: 64 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	621	827	3264	3973	1723	319	54	8	.	.	10789
1.00 - 1.99	76	1098	1030	1262	925	246	16	.	.	.	4653
2.00 - 2.99	.	56	386	301	206	95	9	.	.	.	1053
3.00 - 3.99	.	.	38	122	106	30	1	1	.	.	298
4.00 - 4.99	.	.	.	24	82	32	.	.	.	.	138
5.00 - 5.99	.	.	.	.	34	3	.	.	.	.	37
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	1	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	697	1981	4718	5682	3077	725	81	9	0	0	16970

STATION: 64 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	781	1590	4846	2010	327	8	.	.	.	.	9562
1.00 - 1.99	79	1030	820	756	197	24	.	.	.	.	2906
2.00 - 2.99	.	50	268	188	56	11	.	.	.	.	573
3.00 - 3.99	.	.	14	33	21	8	.	.	.	.	76
4.00 - 4.99	.	.	.	1	8	.	.	.	.	.	9
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	860	2670	5948	2988	609	51	0	0	0	0	13126

STATION: 64 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1485	2207	48	.	.	.	.	.	.	.	3740
1.00 - 1.99	285	2346	411	2	.	.	.	.	.	.	3044
2.00 - 2.99	.	119	606	23	.	.	.	.	.	.	748
3.00 - 3.99	.	.	29	38	1	.	.	.	.	.	68
4.00 - 4.99	.	.	.	2	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1770	4672	1094	65	1	0	0	0	0	0	7602

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.25 N, LONG: 75.00 W, DEPTH: 16 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 64 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1963	187	.	.	.	.	.	.	.	.	2150
1.00 - 1.99	1119	562	58	.	.	.	.	.	.	.	1739
2.00 - 2.99	.	13	62	1	.	.	.	.	.	.	76
3.00 - 3.99	.	.	1	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3082	762	121	1	0	0	0	0	0	0	3966

STATION: 64 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2290	.	.	.	.	.	.	.	.	.	2290
1.00 - 1.99	768	310	.	.	.	.	.	.	.	.	1078
2.00 - 2.99	.	92	.	.	.	.	.	.	.	.	92
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3058	405	0	0	0	0	0	0	0	0	3463

STATION: 64 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1711	.	.	.	.	.	.	.	.	.	1711
1.00 - 1.99	1519	1628	.	.	.	.	.	.	.	.	3147
2.00 - 2.99	.	521	.	.	.	.	.	.	.	.	521
3.00 - 3.99	.	9	8	.	.	.	.	.	.	.	17
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3230	2158	8	0	0	0	0	0	0	0	5396

STATION: 64 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	11193	5352	8316	6048	2050	327	54	8	.	.	33348
1.00 - 1.99	4210	9966	2443	2042	1122	270	16	.	.	.	20069
2.00 - 2.99	.	1507	1620	557	267	106	9	.	.	.	4066
3.00 - 3.99	.	13	234	273	141	38	1	1	.	.	701
4.00 - 4.99	.	.	7	55	114	32	.	.	.	.	208
5.00 - 5.99	.	.	.	.	37	4	.	.	.	.	41
6.00 - 6.99	.	.	.	.	1	3	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	2	1	.	.	.	3
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	15403	16838	12620	8975	3732	782	81	9	0	0	58440

STATION: 64

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	142	109	119	147	248	352	374	382	320	238	145	138	2714
2.50 - 4.99	1137	1061	1291	1601	2294	2691	2903	3106	2540	1847	1422	1246	23139
5.00 - 7.49	1142	1020	1381	1379	1550	1262	1302	1093	1086	1289	1142	1208	14854
7.50 - 9.99	1219	1198	1213	1179	761	448	361	356	674	1086	1163	1120	10778
10.00 - 12.49	581	532	500	301	85	35	14	17	134	334	511	564	3608
12.50 - 14.99	454	429	349	144	22	9	2	6	36	133	301	462	2347
15.00 - 17.49	133	81	53	23	.	1	4	.	4	17	65	101	482
17.50 - 19.99	116	71	42	23	.	2	.	.	6	16	42	102	420
20.00 - GREATER	36	19	12	3	.	.	.	.	.	.	9	19	98
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.25 N, LONG: 75.00 W, DEPTH: 16 M

STATION: 64

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	887	702	669	549	525	417	382	494	903	846	707	678	7759
22.50 - 67.49 (45.0)	345	448	337	235	504	409	259	464	738	719	386	368	5212
67.50 - 112.49 (90.0)	201	313	336	263	324	303	213	281	387	578	244	241	3684
112.50 - 157.49 (135.0)	254	291	362	353	466	389	327	335	432	406	306	309	4230
157.50 - 202.49 (180.0)	391	371	563	685	765	831	833	690	509	328	447	524	6937
202.50 - 247.49 (225.0)	631	498	662	953	1068	1374	1694	1293	773	539	752	638	10875
247.50 - 292.49 (270.0)	827	730	759	900	793	734	862	853	519	640	785	896	9298
292.50 - 337.49 (315.0)	1424	1167	1272	862	515	343	390	550	539	904	1173	1306	10445
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 64

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.84	1.01	1.13	1.10	0.79	0.88	0.80	0.78	1.05	1.57	1.14	0.99	1.09
1957	1.04	1.11	1.06	1.05	0.75	0.93	0.65	0.76	0.83	1.16	1.18	1.34	0.99
1958	1.37	1.35	1.33	1.43	0.96	0.87	0.75	0.85	0.75	1.53	1.01	1.27	1.12
1959	1.33	1.07	1.17	1.05	0.67	0.62	0.83	0.74	0.77	1.06	1.27	1.19	0.98
1960	1.15	1.59	1.33	0.98	0.95	0.92	0.71	0.76	0.93	0.97	0.96	1.13	1.03
1961	1.17	1.29	0.99	1.03	0.99	0.86	0.64	0.73	1.12	1.17	1.15	0.99	1.01
1962	1.30	1.13	1.57	1.03	0.80	0.74	0.77	0.82	0.88	0.98	1.95	1.62	1.13
1963	1.15	1.32	1.12	0.94	0.93	0.73	0.64	0.64	1.04	1.11	1.21	1.06	0.99
1964	1.55	1.31	1.21	1.01	1.02	0.71	0.83	0.72	1.19	1.00	0.96	1.33	1.07
1965	1.43	1.25	0.93	0.92	0.65	0.85	0.68	0.68	0.85	1.11	1.05	0.92	0.94
1966	1.55	1.08	0.97	0.84	0.83	0.90	0.73	0.70	1.00	0.97	1.34	1.35	1.02
1967	1.12	1.41	1.05	1.12	0.99	0.76	0.73	0.71	1.22	0.91	1.04	1.30	1.03
1968	1.43	1.34	1.19	0.94	0.87	0.62	0.49	0.53	0.66	0.96	1.13	1.35	0.96
1969	1.62	1.93	1.37	1.05	1.07	0.70	0.68	0.77	0.94	1.22	1.35	1.53	1.18
1970	1.13	1.37	0.97	1.31	0.92	0.81	0.74	0.75	0.78	1.35	1.24	1.20	1.05
1971	1.28	1.21	1.32	0.99	0.95	0.63	0.75	0.81	0.94	1.22	1.07	1.30	1.04
1972	1.11	1.29	1.13	0.92	1.35	0.92	0.64	0.69	1.09	1.14	1.20	1.21	1.06
1973	1.35	1.36	1.33	1.02	0.96	0.80	0.72	0.60	0.74	0.92	1.12	1.54	1.04
1974	0.91	1.30	1.15	1.07	0.84	0.74	0.54	0.59	0.84	0.82	1.17	1.37	0.94
1975	1.33	1.06	1.44	1.23	0.78	0.78	0.86	0.48	0.95	1.07	1.13	1.43	1.05
MEAN	1.31	1.29	1.19	1.05	0.90	0.79	0.71	0.70	0.93	1.11	1.18	1.27	

STATION: 64

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	5112 8	27 819	25 635	4211 6	21 6 2	17 6 7	20 719	19 6 1	4812 8	3510 7	24 721	27 630	5112 8
1957	28 8 8	32 8 4	34 8 4	27 818	16 620	291111	14 617	19 812	18 612	5011 8	34 8 5	31 817	5011 8
1958	30 811	27 631	3611 8	34 8 7	21 6 1	201110	14 620	22 719	23 6 2	5012 9	22 8 9	5112 9	5112 9
1959	32 918	24 721	371016	34 8 4	16 619	15 531	20 717	17 5 1	19 613	26 911	28 817	32 7 3	371016
1960	5812 9	5712 8	34 8 9	22 6 1	201010	18 6 0	24 818	17 6 7	21 913	3310 5	21 719	36 9 9	5812 9
1961	3410 8	451111	22 711	28 811	271012	17 620	13 520	15 620	371110	4111 5	24 7 1	24 721	451111
1962	4310 6	33 7 2	7515 7	27 818	15 619	21 6 7	19 7 9	18 611	4211 8	201213	6112 8	4111 6	7515 7
1963	28 633	37 9 5	34 917	25 717	22 715	30 810	21 618	24 718	23 9 8	30 9 7	341012	26 717	37 9 5
1964	4912 8	4010 6	34 818	28 719	25 8 8	15 535	19 8 7	20 618	4013 9	32 810	33 815	36 8 1	4912 8
1965	4611 7	35 916	22 636	23 718	15 619	28 9 8	20 619	15 619	18 7 7	31 815	26 719	28 719	4611 7
1966	5312 8	33 819	28 715	20 7 9	19 636	31 9 7	19 6 3	17 621	25 9 9	23 636	3012 9	36 9 6	5312 8
1967	29 818	38 9 4	29 719	2911 7	26 635	15 535	14 621	15 5 2	28 9 5	24 817	25 634	391111	391111
1968	4411 7	5312 9	33 731	28 819	33 8 7	14 620	10 414	17 6 3	17 710	18 615	33 919	401018	5312 9
1969	5112 9	4811 5	5112 7	23 817	25 720	19 717	15 618	18 6 1	2713 9	24 6 3	461212	33 914	5112 7
1970	35 9 5	351413	28 818	33 818	14 814	15 535	16 618	29 9 7	27 719	3610 6	331112	32 812	3610 6
1971	29 735	34 917	4611 7	441110	21 7 7	11 423	20 912	29 914	29 8 8	29 810	28 631	27 721	4611 7
1972	25 818	28 8 7	26 818	26 7 1	3910 7	25 812	15 618	15 5 1	33 8 4	26 910	29 8 5	23 817	3910 7
1973	29 814	4511 6	34 917	24 816	30 817	15 517	151011	16 618	23 714	28 914	28 819	341013	4511 6
1974	22 718	32 819	3010 9	28 818	22 616	17 7 8	12 425	14 5 2	19 6 2	21 635	35 735	501210	501210
1975	3811 6	36 918	481113	37 819	17 6 3	4911 7	4812 7	10 430	21 720	26 6 1	5612 8	4510 5	5612 8
MAX	5812 9	5712 8	7515 7	441110	3910 7	4911 7	4812 7	29 914	4812 8	5012 9	6112 8	5112 9	

MAX Hmo(m): 7.5 MAX Tp(sec): 15. MAX Dp(deg): 68. DATE(gmt): 62030715

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 300. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.50 N LONG: 75.00 W DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 65

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	448	496	493	639	661	783	1068	1139	607	513	504	450	7801
0.50 - 0.99	1689	1389	1889	2036	2756	3160	3310	3145	2774	2162	1757	1733	27800
1.00 - 1.49	1380	1234	1403	1341	1139	685	501	589	902	1374	1400	1287	13235
1.50 - 1.99	731	741	696	490	298	109	62	69	286	496	698	777	5453
2.00 - 2.49	364	400	279	178	75	34	7	11	141	239	257	409	2394
2.50 - 2.99	161	134	113	76	24	24	3	7	49	94	99	184	968
3.00 - 3.49	66	78	36	24	4	2	4	.	23	46	35	77	395
3.50 - 3.99	61	24	23	8	3	1	1	.	8	14	15	26	184
4.00 - 4.49	36	19	8	7	.	1	1	.	4	13	11	11	111
4.50 - 4.99	19	3	8	1	.	1	3	.	5	8	11	6	65
5.00 - 5.49	5	2	4	.	.	.	.	.	1	1	11	.	24
5.50 - 5.99	.	.	1	.	.	.	.	.	.	.	2	.	3
6.00 - 6.49	.	.	2	.	.	.	.	.	.	.	.	.	2
6.50 - 6.99	.	.	2	.	.	.	.	.	.	.	.	.	2
7.00 - 7.49	.	.	1	.	.	.	.	.	.	.	.	.	1
7.50 - 7.99	.	.	2	.	.	.	.	.	.	.	.	.	2
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 65

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	346	384	496	590	462	412	615	501	265	367	350	333	5121
4.0 - 4.9	1251	1132	1282	1262	1153	968	1023	907	772	1063	1173	1117	13103
5.0 - 5.9	1090	974	1046	711	648	746	533	587	531	692	969	977	9504
6.0 - 6.9	416	442	452	434	393	529	312	554	488	445	378	449	5292
7.0 - 7.9	218	281	285	293	473	864	851	985	866	606	304	270	6296
8.0 - 8.9	234	222	293	317	754	685	869	792	792	723	322	224	6227
9.0 - 9.9	400	289	349	427	677	414	540	379	545	489	354	366	5229
10.0 - 10.9	340	237	292	344	266	118	159	121	331	254	367	551	3380
11.0 - 11.9	335	244	206	228	80	52	33	66	148	175	312	343	2222
12.0 - 12.9	203	170	143	111	35	12	9	40	43	80	166	200	1212
13.0 - 13.9	67	109	63	56	14	.	6	20	19	58	55	71	538
14.0 - 14.9	36	29	18	20	5	.	6	3	.	8	20	34	179
15.0 - 15.9	15	7	20	6	.	.	4	3	.	.	19	16	90
16.0 - 16.9	4	.	8	1	.	.	.	2	.	.	8	8	31
17.0 - 17.9	1	.	7	.	.	.	.	.	.	.	.	1	9
18.0 - 18.9	2	.	.	.	.	.	.	.	.	.	3	.	5
19.0 - 19.9	2	.	.	.	.	.	.	.	.	.	.	.	2
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 65

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	344	259	260	190	131	60	76	103	189	249	227	244	2332
11.25 - 33.74 (22.5)	117	115	95	80	103	54	37	84	157	200	109	101	1252
33.75 - 56.24 (45.0)	120	152	103	56	89	59	34	127	134	179	86	92	1231
56.25 - 78.74 (67.5)	183	298	253	190	227	155	89	156	272	346	247	195	2611
78.75 - 101.24 (90.0)	711	672	741	673	587	344	245	429	1091	1036	942	852	8323
101.25 - 123.74 (112.5)	850	591	616	733	1392	1523	1943	1753	1731	1142	726	872	13872
123.75 - 146.24 (135.0)	247	368	468	493	627	775	572	839	336	441	313	281	5760
146.25 - 168.74 (157.5)	132	162	233	236	268	390	286	218	127	135	152	179	2518
168.75 - 191.24 (180.0)	240	194	342	382	408	392	399	282	162	133	233	279	3446
191.25 - 213.74 (202.5)	180	157	261	380	306	368	391	291	132	109	265	181	3021
213.75 - 236.24 (225.0)	149	132	162	222	242	232	311	213	111	137	185	168	2264
236.25 - 258.74 (247.5)	116	108	98	150	144	143	181	129	66	76	116	146	1473
258.75 - 281.24 (270.0)	285	187	228	280	161	140	189	131	75	179	239	237	2331
281.25 - 303.74 (292.5)	258	343	276	224	120	57	75	71	45	175	255	309	2208
303.75 - 326.24 (315.0)	469	429	446	278	86	57	65	60	67	230	361	429	2977
326.25 - 348.74 (337.5)	559	353	378	233	69	51	67	74	105	193	344	395	2821
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.50 N, LONG: 75.00 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 65 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1726	2	.	.	.	.	.	.	.	.	1728
1.00 - 1.99	727	1404	.	.	.	.	.	.	.	.	2131
2.00 - 2.99	.	353	2	.	.	.	.	.	.	.	355
3.00 - 3.99	.	5	28	.	.	.	.	.	.	.	33
4.00 - 4.99	.	.	2	.	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2453	1764	32	0	0	0	0	0	0	0	4249

STATION: 65 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	753	375	102	2	.	.	.	.	.	.	1232
1.00 - 1.99	83	842	89	5	.	.	.	.	.	.	1019
2.00 - 2.99	.	88	193	17	.	.	.	.	.	.	298
3.00 - 3.99	.	.	52	48	4	.	.	.	.	.	104
4.00 - 4.99	.	.	.	23	5	.	.	.	.	.	28
5.00 - 5.99	.	.	.	1	4	.	.	.	.	.	5
6.00 - 6.99	.	.	.	.	1	1	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	836	1305	436	96	14	1	0	0	0	0	2688

STATION: 65 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	665	1019	3221	3813	1654	340	88	11	2	.	10813
1.00 - 1.99	67	1078	993	950	758	226	22	1	.	.	4094
2.00 - 2.99	.	51	413	310	176	46	8	.	.	.	1005
3.00 - 3.99	.	.	45	147	80	26	.	2	.	.	300
4.00 - 4.99	.	.	.	43	73	15	.	.	.	.	131
5.00 - 5.99	.	.	.	6	16	.	.	.	.	.	22
6.00 - 6.99	.	.	.	.	.	2	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	3	.	.	.	3
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	732	2148	4672	5269	2757	655	121	14	2	0	16370

STATION: 65 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	943	1903	5639	2330	395	6	.	.	.	.	11216
1.00 - 1.99	96	1019	807	683	188	32	.	.	.	.	2825
2.00 - 2.99	.	46	251	157	54	19	.	.	.	.	527
3.00 - 3.99	.	.	19	27	17	4	.	.	.	.	67
4.00 - 4.99	.	.	.	3	9	.	.	.	.	.	12
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1039	2968	6716	3200	663	61	0	0	0	0	14647

STATION: 65 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1873	1456	23	.	.	.	.	.	.	.	3352
1.00 - 1.99	362	1686	244	3	.	.	.	.	.	.	2295
2.00 - 2.99	.	117	329	17	.	.	.	.	.	.	463
3.00 - 3.99	.	.	32	21	.	.	.	.	.	.	53
4.00 - 4.99	.	.	.	3	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2235	3259	628	44	0	0	0	0	0	0	6166

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.50 N LONG: 75.00 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 65 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2465	84	.	.	.	.	.	.	.	.	2549
1.00 - 1.99	1303	415	29	.	.	.	.	.	.	.	1747
2.00 - 2.99	.	82	.	.	.	.	.	.	.	.	82
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3768	581	29	0	0	0	0	0	0	0	4378

STATION: 65 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2723	.	.	.	.	.	.	.	.	.	2723
1.00 - 1.99	932	369	.	.	.	.	.	.	.	.	1301
2.00 - 2.99	.	107	.	.	.	.	.	.	.	.	107
3.00 - 3.99	.	2	.	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3655	478	0	0	0	0	0	0	0	0	4133

STATION: 65 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1988	.	.	.	.	.	.	.	.	.	1988
1.00 - 1.99	1518	1758	.	.	.	.	.	.	.	.	3276
2.00 - 2.99	.	525	.	.	.	.	.	.	.	.	525
3.00 - 3.99	.	10	10	.	.	.	.	.	.	.	20
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3506	2293	10	0	0	0	0	0	0	0	5809

STATION: 65 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	13136	4839	8985	6145	2049	346	88	11	2	.	35601
1.00 - 1.99	5088	8571	2162	1641	946	258	22	.	.	.	18688
2.00 - 2.99	.	1369	1188	501	230	65	8	1	.	.	3362
3.00 - 3.99	.	17	186	243	101	30	.	2	.	.	579
4.00 - 4.99	.	.	2	72	87	15	.	.	.	.	176
5.00 - 5.99	.	.	.	7	20	.	.	.	.	.	27
6.00 - 6.99	.	.	.	.	1	3	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	3	.	.	.	3
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	18224	14796	12523	8609	3434	717	121	14	2	0	58440

STATION: 65

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	197	162	162	210	346	499	499	517	394	343	212	188	3729
2.50 - 4.99	1182	1098	1389	1697	2351	2712	2976	3104	2576	1859	1432	1313	23689
5.00 - 7.49	1141	1023	1332	1296	1479	1179	1160	1031	1064	1274	1115	1163	14257
7.50 - 9.99	1129	1123	1145	1132	693	373	309	286	602	1008	1107	1052	9959
10.00 - 12.49	573	515	492	283	71	28	10	17	125	320	515	560	3509
12.50 - 14.99	452	434	339	133	20	7	6	5	30	128	306	455	2315
15.00 - 17.49	118	81	47	26	.	1	.	.	4	18	59	113	467
17.50 - 19.99	131	67	38	20	.	1	.	.	5	10	48	97	417
20.00 - GREATER	37	17	16	3	.	.	.	.	.	.	6	19	98
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.50 N, LONG: 75.00 W, DEPTH: 18 M

STATION: 65

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	785	669	644	534	517	412	399	526	847	804	635	638	7410
22.50 - 67.49 (45.0)	311	413	325	214	470	362	230	418	692	637	361	339	4772
67.50 - 112.49 (90.0)	177	319	340	243	294	271	175	225	347	531	216	247	3385
112.50 - 157.49 (135.0)	301	328	384	397	504	411	359	363	470	468	353	343	4681
157.50 - 202.49 (180.0)	413	366	576	705	779	844	833	713	525	346	451	536	7087
202.50 - 247.49 (225.0)	608	482	622	901	1016	1328	1628	1263	758	541	749	620	10516
247.50 - 292.49 (270.0)	874	755	788	924	815	757	889	846	545	698	822	900	9613
292.50 - 337.49 (315.0)	1491	1188	1281	882	565	415	447	606	616	935	1213	1337	10976
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 65

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.70	0.95	1.04	1.02	0.72	0.80	0.73	0.71	0.98	1.48	1.08	0.93	1.01
1957	0.96	1.02	0.98	0.98	0.69	0.86	0.60	0.70	0.77	1.11	1.13	1.26	0.92
1958	1.30	1.31	1.27	1.34	0.90	0.80	0.68	0.77	0.69	1.44	0.97	1.17	1.05
1959	1.29	0.99	1.08	0.96	0.61	0.59	0.77	0.68	0.70	1.00	1.18	1.09	0.91
1960	1.09	1.51	1.26	0.89	0.87	0.84	0.65	0.69	0.86	0.90	0.90	1.07	0.96
1961	1.11	1.19	0.95	0.97	0.93	0.77	0.58	0.67	1.04	1.10	1.10	0.95	0.94
1962	1.19	1.04	1.49	0.97	0.74	0.66	0.71	0.76	0.81	0.91	1.82	1.53	1.05
1963	1.05	1.22	1.04	0.88	0.86	0.67	0.61	0.60	0.96	1.03	1.15	1.02	0.92
1964	1.49	1.27	1.14	0.97	0.94	0.66	0.76	0.67	1.11	0.92	0.89	1.26	1.01
1965	1.36	1.18	0.88	0.87	0.60	0.77	0.62	0.65	0.80	1.05	0.99	0.85	0.88
1966	1.48	1.02	0.90	0.79	0.76	0.83	0.66	0.63	0.94	0.89	1.23	1.27	0.95
1967	1.08	1.33	0.96	1.03	0.90	0.70	0.66	0.65	1.15	0.86	0.99	1.25	0.96
1968	1.34	1.26	1.15	0.87	0.83	0.58	0.47	0.49	0.62	0.92	1.11	1.32	0.91
1969	1.54	1.80	1.32	0.97	1.02	0.64	0.64	0.71	0.86	1.12	1.28	1.49	1.11
1970	1.08	1.30	0.92	1.22	0.86	0.74	0.69	0.70	0.73	1.28	1.17	1.18	0.99
1971	1.19	1.17	1.25	0.95	0.89	0.59	0.68	0.74	0.89	1.16	1.00	1.21	0.98
1972	1.02	1.22	1.07	0.84	1.26	0.86	0.60	0.64	0.99	1.05	1.10	1.17	0.99
1973	1.29	1.28	1.25	0.97	0.90	0.74	0.68	0.55	0.71	0.87	1.07	1.48	0.98
1974	0.84	1.22	1.08	1.00	0.79	0.70	0.52	0.55	0.79	0.75	1.08	1.32	0.88
1975	1.24	0.99	1.34	1.14	0.73	0.73	0.79	0.45	0.90	1.00	1.06	1.35	0.98
MEAN	1.23	1.21	1.12	0.98	0.84	0.73	0.65	0.65	0.87	1.04	1.12	1.21	

STATION: 65

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	4712 9	27 719	24 912	4411 8	17 5 1	15 6 7	20 719	18 534	5011 8	34 9 6	23 620	27 630	5011 8
1957	26 8 9	33 8 7	35 9 7	27 814	13 421	251112	13 424	17 615	16 512	5011 8	36 9 6	31 816	5011 8
1958	30 810	28 630	3710 9	34 8 4	18 536	181110	12 425	20 719	20 534	4912 9	21 617	4910 6	4910 6
1959	31 919	24 719	381015	35 8 5	13 619	15 531	15 717	14 5 4	18 613	26 714	28 817	28 6 2	381015
1960	5311 8	5312 9	34 8 9	21 716	191111	16 536	23 618	15 6 6	20 913	3310 5	22 720	37 910	5312 9
1961	35 9 8	421112	21 711	29 710	261012	14 620	12 425	13 617	341010	4411 6	23 632	22 630	4411 6
1962	4310 7	28 6 1	7715 8	26 719	14 619	20 6 8	17 6 8	16 611	4210 7	18 530	5711 8	4110 6	7715 8
1963	28 633	35 9 7	28 818	25 716	20 715	29 810	22 618	25 718	24 7 5	30 9 7	34 911	27 816	35 9 7
1964	4810 7	42 9 4	37 917	28 719	22 7 7	13 421	17 8 8	20 717	37 9 4	30 811	32 814	33 736	4810 7
1965	4711 8	34 916	20 6 6	25 719	12 422	28 8 7	19 619	15 616	17 6 7	32 814	28 719	27 819	4711 8
1966	5111 9	34 819	28 714	21 7 9	17 534	30 9 7	17 5 2	14 621	25 910	20 536	2912 9	34 9 8	5111 9
1967	32 817	38 9 5	24 633	31 735	25 8 5	13 420	12 423	14 619	28 8 4	22 522	21 635	371112	38 9 5
1968	411110	4612 9	34 731	31 819	32 8 8	14 519	9 415	15 6 4	16 711	19 616	34 819	421018	4612 9
1969	5010 7	4211 7	5111 6	22 718	26 819	17 618	15 618	16 535	2213 9	25 7 4	421212	33 913	5111 6
1970	35 9 7	341412	28 817	34 818	14 517	13 535	16 618	28 7 3	27 719	3410 7	291112	33 811	35 9 7
1971	28 630	33 819	4611 8	4510 8	21 7 7	12 515	17 619	26 814	30 8 8	28 810	28 631	25 631	4611 8
1972	26 818	28 814	27 719	24 6 1	35 9 6	24 812	13 617	17 620	32 8 6	25 910	27 7 4	24 817	35 9 6
1973	30 813	4310 5	35 818	24 713	31 817	15 517	141011	14 618	23 713	28 912	24 818	35 914	4310 5
1974	21 716	32 817	281010	29 719	22 616	17 7 7	11 434	14 5 3	18 531	18 635	30 635	491210	491210
1975	3810 7	38 918	491113	38 819	15 520	4611 8	4612 8	10 429	18 522	22 6 1	5411 8	4310 5	5411 8
MAX	5311 8	5312 9	7715 8	4510 8	35 9 6	4611 8	4612 8	28 7 3	5011 8	5011 8	5711 8	491210	

MAX Hmo(m): 7.7 MAX Tp(sec): 15. MAX Dp(deg): 79. DATE(gmt): 62030715

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 300. DATE(gmt): 68030118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.75 N, LONG: 75.00 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 66

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	576	612	664	810	839	883	1276	1360	822	652	663	618	9775
0.50 - 0.99	1847	1507	1958	2086	2776	3214	3238	3144	2846	2366	1846	1780	28608
1.00 - 1.49	1275	1217	1337	1256	1058	579	391	402	770	1256	1323	1248	12112
1.50 - 1.99	662	692	633	397	225	79	41	41	227	386	598	704	4685
2.00 - 2.49	317	318	223	188	48	36	9	12	94	199	239	377	2060
2.50 - 2.99	164	119	85	41	13	7	1	1	29	67	64	160	751
3.00 - 3.49	69	41	34	14	1	2	4	.	5	16	38	54	278
3.50 - 3.99	42	9	15	7	.	.	.	.	2	13	20	10	118
4.00 - 4.49	7	5	6	1	.	.	.	.	5	4	7	5	40
4.50 - 4.99	1	.	5	.	.	.	.	.	.	1	2	4	13
5.00 - 5.49	.	.	.	.	.	.	.	.	.	.	.	.	0
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 66

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	596	561	725	796	631	551	725	628	435	566	558	542	7314
4.0 - 4.9	1342	1213	1351	1237	1104	947	951	868	817	1179	1302	1174	13485
5.0 - 5.9	940	867	911	665	611	708	520	564	447	497	864	944	8538
6.0 - 6.9	342	394	384	375	424	550	347	541	476	389	337	370	4929
7.0 - 7.9	210	254	300	298	481	846	899	1077	874	660	302	257	6458
8.0 - 8.9	271	256	302	341	762	670	843	731	796	690	330	218	6210
9.0 - 9.9	388	276	359	425	632	367	480	347	475	463	366	384	4962
10.0 - 10.9	301	207	282	333	220	106	139	103	292	262	323	509	3077
11.0 - 11.9	310	212	173	204	58	46	34	61	138	141	246	325	1948
12.0 - 12.9	153	175	109	78	20	9	7	31	35	70	122	156	965
13.0 - 13.9	64	87	43	31	11	.	8	8	15	38	26	54	385
14.0 - 14.9	31	18	10	15	6	.	3	1	.	5	6	20	115
15.0 - 15.9	6	.	9	2	.	.	4	.	.	.	17	5	43
16.0 - 16.9	6	.	2	.	.	.	.	.	.	.	.	2	10
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	1	.	1
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 66

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	237	220	206	148	112	54	66	88	165	192	181	174	1843
11.25 - 33.74 (22.5)	71	79	76	49	77	44	31	55	103	148	79	83	895
33.75 - 56.24 (45.0)	90	103	80	41	56	42	22	100	70	97	74	58	833
56.25 - 78.74 (67.5)	158	255	178	118	176	119	77	105	249	290	234	160	2119
78.75 - 101.24 (90.0)	448	517	519	422	343	215	182	290	703	637	605	466	5347
101.25 - 123.74 (112.5)	812	521	591	679	1106	918	1111	1261	1639	1292	748	937	11615
123.75 - 146.24 (135.0)	484	605	725	747	1072	1416	1358	1420	849	748	481	533	10438
146.25 - 168.74 (157.5)	178	190	286	344	404	509	421	336	163	171	211	213	3426
168.75 - 191.24 (180.0)	286	230	414	464	480	435	456	325	203	160	280	344	4077
191.25 - 213.74 (202.5)	148	133	225	334	268	337	342	256	147	122	254	172	2738
213.75 - 236.24 (225.0)	166	142	163	204	239	218	286	224	117	151	203	184	2297
236.25 - 258.74 (247.5)	149	121	110	159	145	149	184	133	67	89	127	162	1595
258.75 - 281.24 (270.0)	352	259	285	317	197	160	200	147	88	223	299	281	2808
281.25 - 303.74 (292.5)	355	442	341	268	122	73	85	89	67	222	330	402	2796
303.75 - 326.24 (315.0)	509	421	469	276	86	57	81	64	83	222	376	440	3084
326.25 - 348.74 (337.5)	517	282	292	230	77	54	58	67	87	196	318	351	2529
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.75 N, LONG: 75.00 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 66 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2161										2161
1.00 - 1.99	864	331									1195
2.00 - 2.99		85									85
3.00 - 3.99		2									2
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	3025	418	0	0	0	0	0	0	0	0	3443

STATION: 66 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	875	197	135	16							1223
1.00 - 1.99	339	202	115	29							685
2.00 - 2.99		21	62	29	1						113
3.00 - 3.99		1	1	9	4						15
4.00 - 4.99				1		1					2
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1214	421	313	84	5	1	0	0	0	0	2038

STATION: 66 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	788	1114	1881	2139	1035	156	29	1			7143
1.00 - 1.99	114	1005	701	458	391	97	15				2781
2.00 - 2.99		77	337	191	93	36					734
3.00 - 3.99			31	103	52	13					199
4.00 - 4.99				18	14	3	2				37
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	902	2196	2950	2909	1585	305	46	1	0	0	10894

STATION: 66 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1104	2254	7407	3914	844	82	2				15607
1.00 - 1.99	102	1118	980	822	327	85	3				3437
2.00 - 2.99		52	263	212	105	22	2				656
3.00 - 3.99			21	32	38	5					96
4.00 - 4.99				3	8						11
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1206	3424	8671	4983	1322	194	7	0	0	0	19807

STATION: 66 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2265	1735	51								4051
1.00 - 1.99	339	1613	269	6							2227
2.00 - 2.99		126	368	26	1						521
3.00 - 3.99			33	28							61
4.00 - 4.99				3							3
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	2604	3474	721	63	1	0	0	0	0	0	6863

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.75 N, LONG: 75.00 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 66 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2712	14	.	.	.	.	.	.	.	.	2726
1.00 - 1.99	1157	444	1	.	.	.	.	.	.	.	1602
2.00 - 2.99	.	56	.	.	.	.	.	.	.	.	56
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3869	514	1	0	0	0	0	0	0	0	4384

STATION: 66 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3267	.	.	.	.	.	.	.	.	.	3267
1.00 - 1.99	1091	496	.	.	.	.	.	.	.	.	1587
2.00 - 2.99	.	138	.	.	.	.	.	.	.	.	138
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4358	637	0	0	0	0	0	0	0	0	4995

STATION: 66 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2205	.	.	.	.	.	.	.	.	.	2205
1.00 - 1.99	1416	1867	.	.	.	.	.	.	.	.	3283
2.00 - 2.99	.	508	.	.	.	.	.	.	.	.	508
3.00 - 3.99	.	8	12	.	.	.	.	.	.	.	20
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3621	2383	12	0	0	0	0	0	0	0	6016

STATION: 66 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	15377	5314	9474	6069	1879	238	31	1	.	.	38383
1.00 - 1.99	5422	7076	2066	1315	718	182	18	.	.	.	16797
2.00 - 2.99	.	1063	1030	458	200	58	2	.	.	.	2811
3.00 - 3.99	.	14	98	172	94	18	.	.	.	.	396
4.00 - 4.99	.	.	.	25	22	4	2	.	.	.	53
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	20799	13467	12668	8039	2913	500	53	1	0	0	58440

STATION: 66

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	182	145	153	195	353	490	519	520	408	326	207	171	3669
2.50 - 4.99	1253	1166	1484	1803	2443	2795	3102	3180	2637	1964	1483	1414	24724
5.00 - 7.49	1143	1028	1296	1266	1420	1168	1057	993	1056	1275	1121	1101	13924
7.50 - 9.99	1035	1061	1092	1072	659	312	265	244	556	932	1031	1000	9259
10.00 - 12.49	579	503	503	283	69	29	12	19	114	308	531	578	3528
12.50 - 14.99	471	448	328	130	16	5	5	4	21	126	311	458	2323
15.00 - 17.49	118	84	54	27	.	1	.	.	4	18	66	116	488
17.50 - 19.99	140	66	32	22	.	.	.	.	4	11	47	102	424
20.00 - GREATER	39	19	18	2	.	.	.	.	.	.	3	20	101
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 38.75 N, LONG: 75.00 W, DEPTH: 18 M

STATION: 66

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	696	614	643	502	538	403	398	543	819	747	574	622	7099
22.50 - 67.49 (45.0)	319	407	331	222	449	348	217	422	652	605	350	341	4663
67.50 - 112.49 (90.0)	154	334	345	237	288	242	150	199	350	472	217	244	3232
112.50 - 157.49 (135.0)	291	321	404	376	444	368	336	311	426	457	337	335	4406
157.50 - 202.49 (180.0)	434	365	562	751	837	856	847	734	564	399	475	549	7373
202.50 - 247.49 (225.0)	608	489	623	863	1006	1332	1598	1267	771	588	766	639	10550
247.50 - 292.49 (270.0)	953	801	810	957	841	805	951	869	597	781	894	935	10194
292.50 - 337.49 (315.0)	1505	1189	1242	892	557	446	463	615	621	911	1187	1295	10923
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 66

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.41	0.91	0.95	0.94	0.67	0.76	0.69	0.66	0.85	1.28	1.00	0.87	0.92
1957	0.87	0.88	0.87	0.94	0.64	0.80	0.56	0.63	0.71	0.99	1.07	1.20	0.85
1958	1.21	1.27	1.16	1.21	0.83	0.75	0.64	0.72	0.64	1.29	0.94	1.04	0.97
1959	1.25	0.93	1.01	0.87	0.58	0.58	0.73	0.63	0.62	0.92	1.10	0.96	0.85
1960	1.02	1.40	1.18	0.83	0.81	0.77	0.61	0.62	0.77	0.81	0.82	0.99	0.88
1961	1.05	1.10	0.90	0.93	0.89	0.72	0.55	0.64	0.91	0.96	1.05	0.92	0.88
1962	1.08	0.90	1.22	0.95	0.68	0.62	0.65	0.71	0.72	0.84	1.55	1.34	0.94
1963	0.95	1.10	1.00	0.85	0.80	0.65	0.58	0.58	0.85	0.89	1.12	0.98	0.86
1964	1.44	1.22	1.08	0.93	0.84	0.63	0.72	0.65	0.97	0.82	0.85	1.16	0.94
1965	1.23	1.11	0.82	0.81	0.56	0.70	0.58	0.64	0.75	0.99	0.93	0.81	0.83
1966	1.37	0.97	0.83	0.74	0.72	0.77	0.61	0.60	0.88	0.80	1.06	1.14	0.87
1967	1.01	1.22	0.86	0.95	0.82	0.65	0.62	0.62	1.01	0.81	0.94	1.19	0.89
1968	1.17	1.12	1.09	0.79	0.79	0.57	0.46	0.47	0.57	0.89	1.08	1.28	0.86
1969	1.39	1.48	1.21	0.91	0.99	0.63	0.61	0.66	0.74	0.95	1.16	1.42	1.01
1970	1.02	1.23	0.86	1.10	0.80	0.70	0.67	0.65	0.70	1.15	1.06	1.14	0.92
1971	1.12	1.15	1.15	0.91	0.84	0.56	0.63	0.69	0.80	1.08	0.92	1.12	0.91
1972	0.96	1.13	1.05	0.76	1.14	0.84	0.56	0.58	0.85	0.92	0.98	1.10	0.91
1973	1.24	1.11	1.14	0.95	0.88	0.71	0.65	0.51	0.68	0.81	1.06	1.41	0.93
1974	0.77	1.12	1.02	0.97	0.74	0.67	0.49	0.51	0.71	0.67	0.95	1.23	0.82
1975	1.12	0.91	1.22	0.99	0.68	0.67	0.68	0.42	0.84	0.92	0.96	1.16	0.88
MEAN	1.13	1.11	1.03	0.92	0.79	0.69	0.62	0.61	0.78	0.94	1.03	1.13	

STATION: 66

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	341310	25 620	24 913	361010	14 520	14 714	18 718	14 534	4411 9	29 9 8	24 718	27 630	4411 9
1957	21 719	28 8 7	31 9 8	26 815	12 421	221113	12 424	16 511	15 512	401112	31 9 8	30 817	401112
1958	28 710	28 630	331110	26 712	15 914	18 618	12 424	19 718	19 534	451110	21 810	35 9 8	451110
1959	31 919	24 719	381016	27 8 8	13 520	15 530	15 716	121011	16 613	25 714	27 818	23 817	381016
1960	451110	431211	34 810	20 716	17 912	17 619	21 617	14 6 7	20 914	26 9 7	21 719	31 911	451110
1961	32 9 9	411112	20 712	29 710	25 913	13 423	12 425	11 618	281112	3011 7	24 817	22 629	411112
1962	36 917	21 5 1	4914 8	24 716	16 619	15 5 8	15 5 7	15 612	30 9 9	18 529	4310 7	31 732	4914 8
1963	29 633	23 7 5	27 719	24 816	19 715	28 7 9	23 717	25 718	20 7 6	25 9 8	38 911	26 816	38 911
1964	4211 9	3210 8	39 918	28 719	21 7 8	13 517	15 7 8	22 717	261211	27 710	32 814	33 918	4211 9
1965	3811 8	36 912	19 615	25 719	11 422	24 8 7	19 619	15 619	18 717	32 815	28 719	28 719	3811 8
1966	39 911	31 819	28 715	21 610	15 523	25 912	13 4 2	13 422	25 910	19 531	25 718	33 9 9	39 911
1967	33 818	32 9 7	22 633	25 634	20 8 6	14 619	10 423	15 619	23 814	22 522	20 530	351012	351012
1968	401011	351211	33 731	32 818	28 810	12 519	8 516	13 4 3	16 712	18 530	34 819	401018	401018
1969	4011 9	33 732	3911 9	24 719	26 819	16 618	17 618	13 424	16 7 6	19 716	371213	32 815	4011 9
1970	28 632	321414	26 817	34 818	14 517	12 432	16 618	21 8 8	27 719	26 9 6	251113	33 812	34 818
1971	28 630	32 817	3310 9	40 9 9	19 619	12 516	16 619	24 814	28 8 9	26 810	28 630	24 719	40 9 9
1972	28 819	27 815	28 819	19 616	26 9 7	23 812	13 518	18 619	26 7 6	23 912	24 719	26 817	28 819
1973	31 916	2910 7	34 818	24 713	31 817	15 517	13 912	13 618	23 714	28 913	24 620	371018	371018
1974	22 619	32 817	25 810	29 719	21 616	16 7 8	11 433	13 619	18 530	15 619	24 629	461211	461211
1975	39 919	37 918	471015	38 819	14 619	3310 8	3311 8	11 429	21 619	21 715	4511 9	33 818	471015
MAX	451110	431211	4914 8	40 9 9	31 817	3310 8	3311 8	25 718	4411 9	451110	4511 9	461211	

MAX Hmo(m): 4.9 MAX Tp(sec): 14. MAX Dp(deg): 83. DATE(gmt): 62030709

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 315. DATE(gmt): 69021012

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.00 N LONG: 74.50 W DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 67

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	377	403	401	505	517	477	751	846	522	449	459	424	6131
0.50 - 0.99	1669	1373	1739	1933	2610	3170	3357	3298	2846	2248	1681	1581	27505
1.00 - 1.49	1300	1189	1447	1316	1221	907	690	687	881	1302	1249	1220	13409
1.50 - 1.99	763	769	729	600	443	180	139	101	300	506	753	822	6105
2.00 - 2.49	414	422	369	289	130	33	8	15	136	279	398	503	2996
2.50 - 2.99	223	216	156	82	36	28	7	11	74	100	146	224	1303
3.00 - 3.49	100	82	52	52	3	2	.	2	23	37	51	133	537
3.50 - 3.99	49	35	27	12	.	1	4	.	10	16	34	32	220
4.00 - 4.49	42	21	15	8	.	1	1	.	3	14	20	13	138
4.50 - 4.99	19	9	10	3	.	1	3	.	5	9	7	3	69
5.00 - 5.49	3	1	6	.	.	.	.	.	.	.	2	4	16
5.50 - 5.99	1	.	2	.	.	.	.	.	.	.	.	1	4
6.00 - 6.49	.	.	2	.	.	.	.	.	.	.	.	.	2
6.50 - 6.99	.	.	2	.	.	.	.	.	.	.	.	.	2
7.00 - 7.49	.	.	3	.	.	.	.	.	.	.	.	.	3
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 67

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	396	394	413	483	388	353	431	428	296	361	370	327	4640
4.0 - 4.9	1033	883	1023	877	691	587	581	614	696	914	948	867	9714
5.0 - 5.9	844	835	851	653	713	797	657	707	534	650	808	854	8903
6.0 - 6.9	479	446	490	565	750	935	714	866	524	471	506	459	7205
7.0 - 7.9	290	356	415	397	670	1022	1164	1098	833	684	383	342	7654
8.0 - 8.9	370	331	442	502	782	670	797	688	822	752	407	324	6887
9.0 - 9.9	521	387	425	535	631	279	412	333	519	507	425	493	5467
10.0 - 10.9	358	298	399	421	218	93	146	112	321	312	396	615	3689
11.0 - 11.9	373	273	255	214	79	53	35	57	193	167	294	366	2359
12.0 - 12.9	171	187	146	93	25	11	6	37	54	89	162	196	1177
13.0 - 13.9	68	106	56	38	7	.	8	14	8	48	57	74	484
14.0 - 14.9	37	17	22	19	6	.	8	4	.	4	22	29	168
15.0 - 15.9	16	7	13	3	.	.	1	1	.	.	19	13	73
16.0 - 16.9	3	.	8	.	.	.	.	1	.	1	2	.	15
17.0 - 17.9	.	.	1	.	.	.	.	.	.	.	1	1	3
18.0 - 18.9	1	.	1	.	.	.	.	.	.	.	.	.	2
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 67

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	151	140	143	110	74	42	50	77	133	111	136	109	1276
11.25 - 33.74 (22.5)	73	76	56	47	39	39	24	64	100	107	70	50	745
33.75 - 56.24 (45.0)	82	123	69	42	61	47	25	85	101	115	73	63	886
56.25 - 78.74 (67.5)	85	137	114	40	78	81	29	83	144	174	97	82	1144
78.75 - 101.24 (90.0)	479	583	593	458	350	205	163	254	679	724	758	498	5744
101.25 - 123.74 (112.5)	693	480	485	611	908	540	800	849	1458	1123	732	912	9591
123.75 - 146.24 (135.0)	533	398	515	463	887	1200	1179	1189	964	754	459	450	8991
146.25 - 168.74 (157.5)	317	548	669	651	718	701	586	705	289	377	333	453	6347
168.75 - 191.24 (180.0)	570	450	662	873	776	931	933	743	239	283	456	600	7516
191.25 - 213.74 (202.5)	194	166	244	312	313	321	321	235	153	134	303	209	2905
213.75 - 236.24 (225.0)	175	147	154	240	259	256	320	258	147	157	199	198	2510
236.25 - 258.74 (247.5)	106	72	71	115	132	129	170	115	78	101	94	102	1285
258.75 - 281.24 (270.0)	258	213	198	234	161	166	179	125	87	211	241	226	2299
281.25 - 303.74 (292.5)	328	395	328	242	98	80	81	83	78	209	313	337	2572
303.75 - 326.24 (315.0)	483	359	422	199	55	29	62	56	68	215	333	408	2689
326.25 - 348.74 (337.5)	433	233	237	163	51	33	38	39	82	165	203	263	1940
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.00 N, LONG: 74.50 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 67 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1453	.	.	.	.	.	.	.	.	.	1453
1.00 - 1.99	743	235	.	.	.	.	.	.	.	.	978
2.00 - 2.99	.	54	.	.	.	.	.	.	.	.	54
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2196	290	0	0	0	0	0	0	0	0	2486

STATION: 67 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	670	167	3	.	.	.	.	.	.	.	840
1.00 - 1.99	118	514	17	.	.	.	.	.	.	.	649
2.00 - 2.99	.	76	141	2	.	.	.	.	.	.	219
3.00 - 3.99	.	.	47	6	.	.	.	.	.	.	53
4.00 - 4.99	.	.	1	17	.	.	.	.	.	.	18
5.00 - 5.99	.	.	.	.	2	.	.	.	.	.	2
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	788	757	209	25	3	0	0	0	0	0	1782

STATION: 67 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	639	757	1195	1924	1226	227	57	4	.	.	6029
1.00 - 1.99	75	1053	632	672	501	132	8	1	.	.	3074
2.00 - 2.99	.	83	375	212	118	19	10	.	.	.	817
3.00 - 3.99	.	.	60	126	63	17	1	.	.	.	267
4.00 - 4.99	.	.	1	84	45	5	.	.	.	.	135
5.00 - 5.99	.	.	.	2	5	3	.	.	.	.	10
6.00 - 6.99	.	.	.	.	1	2	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	3	.	.	.	.	3
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	714	1893	2263	3020	1959	408	76	5	0	0	10338

STATION: 67 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	785	1611	5932	2992	670	66	4	.	.	.	12060
1.00 - 1.99	104	1201	1248	992	406	118	4	.	.	.	4073
2.00 - 2.99	.	52	392	355	152	34	4	.	.	.	989
3.00 - 3.99	.	.	27	118	47	13	.	.	.	.	205
4.00 - 4.99	.	.	.	10	37	5	.	.	.	.	52
5.00 - 5.99	.	.	.	.	6	2	.	.	.	.	8
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	889	2864	7599	4467	1318	238	12	0	0	0	17387

STATION: 67 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1300	2707	2269	631	78	2	.	.	.	.	6987
1.00 - 1.99	184	2076	1324	737	119	3	.	.	.	.	4443
2.00 - 2.99	.	133	631	204	51	1	.	.	.	.	1020
3.00 - 3.99	.	.	48	70	8	.	.	.	.	.	126
4.00 - 4.99	.	.	.	2	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1484	4916	4272	1644	256	6	0	0	0	0	12578

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.00 N LONG: 74.50 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 67 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1681	477	1	.	.	.	.	.	.	.	2159
1.00 - 1.99	154	1837	2	.	.	.	.	.	.	.	1993
2.00 - 2.99	.	326	127	.	.	.	.	.	.	.	453
3.00 - 3.99	.	.	58	.	.	.	.	.	.	.	58
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1835	2640	188	0	0	0	0	0	0	0	4663

STATION: 67 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2564		.	.	.	.	.	.	.	.	2564
1.00 - 1.99	908	335	.	.	.	.	.	.	.	.	1243
2.00 - 2.99	.	173	.	.	.	.	.	.	.	.	173
3.00 - 3.99	.	4	.	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3472	512	0	0	0	0	0	0	0	0	3984

STATION: 67 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1544		.	.	.	.	.	.	.	.	1544
1.00 - 1.99	1432	1629	.	.	.	.	.	.	.	.	3061
2.00 - 2.99	.	574	.	.	.	.	.	.	.	.	574
3.00 - 3.99	.	33	10	.	.	.	.	.	.	.	43
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2976	2236	10	0	0	0	0	0	0	0	5222

STATION: 67 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10636	5719	9400	5547	1974	295	61	4	.	.	33636
1.00 - 1.99	3718	8880	3223	2401	1026	253	12	1	.	.	19514
2.00 - 2.99	.	1471	1666	773	321	54	14	.	.	.	4299
3.00 - 3.99	.	38	250	320	118	30	1	.	.	.	757
4.00 - 4.99	.	.	2	113	82	10	.	.	.	.	207
5.00 - 5.99	.	.	.	2	13	5	.	.	.	.	20
6.00 - 6.99	.	.	.	.	2	2	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	3	.	.	.	.	3
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14354	16108	14541	9156	3536	652	88	5	0	0	58440

STATION: 67

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	142	116	139	184	295	321	398	405	291	227	184	132	2834
2.50 - 4.99	1136	1083	1342	1636	2329	2745	3028	3101	2485	1865	1332	1296	23378
5.00 - 7.49	1147	989	1224	1333	1494	1296	1152	1111	1191	1360	1138	1116	14551
7.50 - 9.99	1133	1110	1236	1130	738	401	363	321	642	977	1129	1083	10263
10.00 - 12.49	601	579	557	314	83	30	9	15	154	346	563	593	3844
12.50 - 14.99	485	467	358	146	20	4	9	7	29	153	322	473	2473
15.00 - 17.49	148	88	54	28	1	3	1	.	3	24	80	135	565
17.50 - 19.99	129	67	30	27	.	.	.	.	5	8	49	103	418
20.00 - GREATER	39	21	20	2	.	.	.	.	.	.	3	29	114
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.00 N, LONG: 74.50 W, DEPTH: 18 M

STATION: 67

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	638	580	604	498	483	367	365	536	705	644	535	599	6554
22.50 - 67.49 (45.0)	314	448	376	251	463	330	240	429	649	600	366	345	4811
67.50 - 112.49 (90.0)	188	325	353	256	283	271	157	208	398	489	259	290	3477
112.50 - 157.49 (135.0)	282	312	426	351	441	327	310	314	383	403	318	350	4217
157.50 - 202.49 (180.0)	407	336	483	699	719	800	838	686	531	406	470	487	6862
202.50 - 247.49 (225.0)	602	486	611	828	1103	1364	1541	1256	821	610	748	622	10592
247.50 - 292.49 (270.0)	1028	878	876	1036	905	909	1072	962	664	905	970	1007	11212
292.50 - 337.49 (315.0)	1501	1155	1231	881	563	432	437	569	649	903	1134	1260	10715
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 67

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.66	1.04	1.10	1.10	0.79	0.88	0.80	0.77	0.96	1.38	1.15	1.01	1.05
1957	1.00	1.03	0.98	1.10	0.74	0.89	0.69	0.71	0.80	1.09	1.24	1.43	0.98
1958	1.37	1.40	1.31	1.39	0.99	0.89	0.74	0.84	0.74	1.43	1.08	1.19	1.11
1959	1.42	1.12	1.18	1.07	0.66	0.68	0.85	0.75	0.67	1.06	1.25	1.09	0.98
1960	1.13	1.62	1.29	0.98	0.94	0.88	0.73	0.69	0.88	0.95	0.93	1.15	1.01
1961	1.20	1.22	1.04	1.08	1.05	0.91	0.64	0.73	1.04	1.15	1.11	1.09	1.02
1962	1.28	1.05	1.53	1.14	0.75	0.72	0.76	0.84	0.84	0.93	1.76	1.57	1.10
1963	1.11	1.28	1.17	0.94	0.94	0.76	0.67	0.66	0.97	1.02	1.33	1.10	0.99
1964	1.68	1.41	1.30	1.03	0.96	0.72	0.86	0.73	1.12	0.90	0.98	1.34	1.09
1965	1.43	1.27	0.94	0.91	0.61	0.83	0.70	0.74	0.82	1.11	1.11	0.96	0.95
1966	1.53	1.06	0.98	0.86	0.89	0.92	0.71	0.72	1.02	0.89	1.27	1.32	1.01
1967	1.16	1.44	1.07	1.08	1.01	0.71	0.75	0.74	1.18	0.92	1.08	1.37	1.04
1968	1.33	1.26	1.26	0.94	0.89	0.69	0.50	0.50	0.63	0.99	1.25	1.41	0.97
1969	1.50	1.70	1.41	1.08	1.13	0.73	0.71	0.80	0.86	1.08	1.35	1.61	1.16
1970	1.17	1.46	1.02	1.29	0.91	0.81	0.79	0.78	0.77	1.28	1.23	1.31	1.07
1971	1.26	1.33	1.32	1.04	1.01	0.66	0.74	0.81	0.85	1.23	1.05	1.26	1.04
1972	1.12	1.28	1.22	0.93	1.34	1.00	0.65	0.66	0.99	1.02	1.11	1.27	1.05
1973	1.35	1.31	1.31	1.16	1.01	0.84	0.78	0.61	0.78	0.93	1.29	1.61	1.08
1974	0.90	1.27	1.17	1.16	0.87	0.81	0.55	0.59	0.79	0.79	1.11	1.42	0.95
1975	1.29	1.08	1.42	1.17	0.73	0.76	0.86	0.48	0.95	1.05	1.15	1.39	1.03
MEAN	1.29	1.28	1.20	1.07	0.91	0.80	0.72	0.71	0.88	1.06	1.19	1.29	

STATION: 67

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	4910 7	36 918	28 813	431010	20 622	18 620	21 719	16 710	481110	32 9 9	29 721	30 630	4910 7
1957	28 7 7	34 8 8	3610 9	29 916	19 621	241113	17 623	15 617	20 621	471110	37 9 9	30 722	471110
1958	31 913	31 630	431110	35 910	22 816	19 621	17 622	20 619	231017	461110	28 810	45 9 4	461110
1959	34 721	28 722	41 917	33 8 9	14 523	16 530	19 716	17 620	16 714	281012	29 918	31 724	41 917
1960	4710 9	481110	36 8 6	23 721	20 814	15 619	26 623	14 6 7	27 915	4010 8	23 624	4410 9	481110
1961	401110	501113	25 812	32 913	301014	19 623	15 623	13 715	401111	4611 8	24 818	31 723	501113
1962	40 9 6	23 5 1	721410	281017	17 618	14 621	18 917	19 917	38 9 8	24 721	4710 9	4411 9	721410
1963	30 630	29 914	28 819	24 717	23 817	27 914	25 718	27 818	25 8 7	28 8 7	371014	27 717	371014
1964	551210	4310 9	36 918	31 720	21 623	15 621	19 8 8	22 717	341312	26 915	34 819	331017	551210
1965	4911 9	401016	23 721	22 618	12 521	29 8 7	19 619	17 619	18 717	29 814	28 630	28 818	4911 9
1966	441011	32 723	28 721	25 710	23 624	29 912	17 6 4	19 621	30 910	23 530	351113	3510 9	441011
1967	30 818	4710 7	25 8 9	321110	2810 9	14 519	13 717	15 619	29 8 6	31 723	21 529	411114	4710 7
1968	421112	431212	371013	32 819	261012	12 523	9 617	15 5 3	18 812	23 718	36 9 9	40 918	431212
1969	47 9 8	40 9 3	511110	26 719	29 918	16 618	17 617	20 623	19 7 8	26 7 4	461214	36 918	511110
1970	34 910	471415	27 816	38 9 7	17 916	14 430	19 619	31 9 8	26 720	35 9 7	32 8 8	341013	471415
1971	34 819	351016	461012	471111	25 719	13 814	18 814	29 916	25 7 9	26 812	34 912	27 720	471111
1972	28 819	30 810	29 819	30 8 4	30 8 5	30 813	15 620	18 619	33 8 7	23 912	28 7 4	25 818	33 8 7
1973	32 816	42 9 4	35 723	30 7 3	29 816	19 622	19 624	16 618	23 814	31 912	36 918	351015	42 9 4
1974	26 719	32 722	321010	32 918	22 615	19 7 8	15 623	15 619	20 530	20 620	2711 9	561212	561212
1975	4211 9	37 818	511114	4310 9	15 621	4510 9	4611 9	12 430	27 719	26 8 9	541110	43 9 4	541110
MAX	551210	501113	721410	471111	30 8 5	4510 9	4611 9	31 9 8	481110	471110	541110	561212	

MAX Hmo(m): 7.2 MAX Tp(sec): 14. MAX Dp(deg): 97. DATE(gmt): 62030709

MAX WIND SPEED(m/sec): 27. MAX WIND DIRECTION(deg): 20. DATE(gmt): 62030712

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.25 N LONG: 74.25 W DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 68

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	348	369	357	449	501	432	684	752	486	406	430	377	5591
0.50 - 0.99	1591	1335	1661	1925	2578	3161	3374	3377	2815	2220	1629	1511	27177
1.00 - 1.49	1352	1214	1508	1341	1245	941	711	684	913	1345	1268	1259	13781
1.50 - 1.99	805	791	772	627	464	202	161	116	324	534	798	868	6462
2.00 - 2.49	401	429	372	280	127	36	15	18	141	262	388	508	2977
2.50 - 2.99	241	231	153	96	40	23	4	13	71	111	158	225	1366
3.00 - 3.49	101	75	63	61	5	2	2	.	31	43	67	142	592
3.50 - 3.99	52	39	30	10	.	1	4	.	12	18	42	46	254
4.00 - 4.49	46	19	19	9	.	1	3	.	5	16	14	11	143
4.50 - 4.99	13	13	10	2	.	1	2	.	2	5	5	7	60
5.00 - 5.49	8	5	6	.	.	.	.	.	.	.	1	4	24
5.50 - 5.99	2	.	2	.	.	.	.	.	.	.	.	2	6
6.00 - 6.49	.	.	2	.	.	.	.	.	.	.	.	.	2
6.50 - 6.99	.	.	5	.	.	.	.	.	.	.	.	.	5
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 68

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	375	407	420	494	385	350	450	461	320	366	382	323	4733
4.0 - 4.9	1051	883	1032	900	719	636	627	662	690	931	927	859	9917
5.0 - 5.9	846	807	850	624	722	787	603	677	527	674	821	847	8785
6.0 - 6.9	417	436	474	510	732	941	727	842	547	462	480	424	6992
7.0 - 7.9	334	343	428	463	667	981	1171	1069	883	682	433	376	7830
8.0 - 8.9	378	377	459	490	772	676	773	663	780	765	419	350	6902
9.0 - 9.9	548	387	477	539	644	282	416	358	518	509	457	508	5643
10.0 - 10.9	379	316	352	435	207	92	138	111	294	285	372	610	3591
11.0 - 11.9	357	255	244	201	72	41	31	65	168	143	260	363	2200
12.0 - 12.9	160	185	128	93	24	13	6	32	60	86	155	195	1137
13.0 - 13.9	66	101	60	31	9	1	7	15	10	46	52	65	463
14.0 - 14.9	30	20	18	16	7	.	10	2	3	11	15	26	158
15.0 - 15.9	18	3	10	4	.	.	1	1	.	.	17	12	66
16.0 - 16.9	.	.	6	.	.	.	.	2	.	.	9	2	19
17.0 - 17.9	1	.	2	.	.	.	.	.	.	.	1	.	4
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 68

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	132	109	124	117	62	41	52	76	105	91	115	90	1114
11.25 - 33.74 (22.5)	63	75	66	50	39	32	16	66	73	83	53	53	669
33.75 - 56.24 (45.0)	127	201	102	69	86	66	31	117	173	191	124	99	1386
56.25 - 78.74 (67.5)	114	164	133	81	92	77	34	83	162	211	159	101	1411
78.75 - 101.24 (90.0)	473	507	524	406	332	194	172	239	626	630	682	460	5245
101.25 - 123.74 (112.5)	603	418	452	562	853	487	667	770	1361	1052	664	865	8754
123.75 - 146.24 (135.0)	566	403	502	474	884	1171	1198	1168	968	750	490	454	9028
146.25 - 168.74 (157.5)	370	644	790	726	774	726	636	719	321	417	381	570	7074
168.75 - 191.24 (180.0)	612	447	620	890	768	976	978	749	271	292	484	586	7673
191.25 - 213.74 (202.5)	175	159	215	268	283	288	304	222	149	135	268	180	2646
213.75 - 236.24 (225.0)	130	100	121	184	226	241	269	248	146	135	186	174	2160
236.25 - 258.74 (247.5)	113	79	98	100	133	148	199	151	76	121	93	105	1416
258.75 - 281.24 (270.0)	262	220	187	274	201	201	217	153	107	251	255	227	2555
281.25 - 303.74 (292.5)	352	398	354	238	90	92	90	89	92	217	344	324	2680
303.75 - 326.24 (315.0)	467	372	413	206	63	37	57	58	74	229	304	399	2679
326.25 - 348.74 (337.5)	401	224	259	155	74	23	40	52	96	155	198	273	1950
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.25 N LONG: 74.25 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 68 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1327	.	.	.	.	.	.	.	.	.	1327
1.00 - 1.99	587	195	.	.	.	.	.	.	.	.	782
2.00 - 2.99	.	50	.	.	.	.	.	.	.	.	50
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1914	246	0	0	0	0	0	0	0	0	2160

STATION: 68 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	603	338	3	.	.	.	.	.	.	.	944
1.00 - 1.99	127	767	160	.	.	.	.	.	.	.	1054
2.00 - 2.99	.	74	244	10	.	.	.	.	.	.	328
3.00 - 3.99	.	.	67	17	.	.	.	.	.	.	84
4.00 - 4.99	.	.	4	39	.	.	.	.	.	.	43
5.00 - 5.99	.	.	.	4	1	.	.	.	.	.	5
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	730	1179	478	70	2	0	0	0	0	0	2459

STATION: 68 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	656	728	1075	1564	987	176	52	3	.	.	5241
1.00 - 1.99	73	1074	617	646	482	149	9	.	.	.	3050
2.00 - 2.99	.	77	357	204	109	18	11	.	.	.	776
3.00 - 3.99	.	.	80	109	45	18	2	.	.	.	254
4.00 - 4.99	.	.	.	58	34	8	.	.	.	.	100
5.00 - 5.99	.	.	.	2	7	4	.	.	.	.	13
6.00 - 6.99	.	.	.	.	.	6	.	.	.	.	6
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	729	1879	2129	2583	1664	379	74	3	0	0	9440

STATION: 68 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	791	1482	5703	3044	669	64	5	.	.	.	11758
1.00 - 1.99	113	1234	1244	1054	436	102	5	.	.	.	4188
2.00 - 2.99	.	61	381	401	151	41	1	1	.	.	1037
3.00 - 3.99	.	.	28	148	63	15	.	.	.	.	254
4.00 - 4.99	.	.	.	10	40	8	.	.	.	.	58
5.00 - 5.99	.	.	.	.	9	3	.	.	.	.	12
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	904	2777	7356	4657	1368	233	11	1	0	0	17307

STATION: 68 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1335	2712	2285	644	78	3	.	.	.	.	7057
1.00 - 1.99	167	2137	1447	876	142	4	.	.	.	.	4773
2.00 - 2.99	.	133	651	324	71	2	.	.	.	.	1181
3.00 - 3.99	.	.	85	78	12	.	.	.	.	.	175
4.00 - 4.99	.	.	.	2	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1502	4982	4468	1924	303	9	0	0	0	0	13188

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.25 N, LONG: 74.25 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 68 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1752	292									2044
1.00 - 1.99	150	1639	25								1814
2.00 - 2.99	.	87	233								320
3.00 - 3.99	.	.	35								35
4.00 - 4.99	.	.	.								0
5.00 - 5.99	.	.	.								0
6.00 - 6.99	.	.	.								0
7.00 - 7.99	.	.	.								0
8.00 - 8.99	.	.	.								0
9.00 - GREATER	.	.	.								0
TOTAL	1902	2018	293	0	0	0	0	0	0	0	4213

STATION: 68 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2869										2869
1.00 - 1.99	1059	345									1404
2.00 - 2.99	.	118									118
3.00 - 3.99	.	3									3
4.00 - 4.99	.	.									0
5.00 - 5.99	.	.									0
6.00 - 6.99	.	.									0
7.00 - 7.99	.	.									0
8.00 - 8.99	.	.									0
9.00 - GREATER	.	.									0
TOTAL	3928	466	0	0	0	0	0	0	0	0	4394

STATION: 68 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1528										1528
1.00 - 1.99	1513	1665									3178
2.00 - 2.99	.	533									533
3.00 - 3.99	.	32	8								40
4.00 - 4.99	.	.	.								0
5.00 - 5.99	.	.	.								0
6.00 - 6.99	.	.	.								0
7.00 - 7.99	.	.	.								0
8.00 - 8.99	.	.	.								0
9.00 - GREATER	.	.	.								0
TOTAL	3041	2230	8	0	0	0	0	0	0	0	5279

STATION: 68 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10861	5552	9066	5252	1734	243	57	3	.	.	32768
1.00 - 1.99	3789	9056	3493	2576	1060	255	14	.	.	.	20243
2.00 - 2.99	.	1133	1866	939	331	61	12	1	.	.	4343
3.00 - 3.99	.	36	303	352	120	33	2	.	.	.	846
4.00 - 4.99	.	.	4	109	74	16	.	.	.	.	203
5.00 - 5.99	.	.	.	6	17	7	.	.	.	.	30
6.00 - 6.99	.	.	.	.	1	6	.	.	.	.	7
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14650	15777	14732	9234	3337	621	85	4	0	0	58440

STATION: 68

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	108	93	108	158	252	264	327	331	236	188	167	112	2344
2.50 - 4.99	1083	1057	1225	1574	2259	2667	2986	3038	2413	1791	1237	1235	22565
5.00 - 7.49	1139	945	1237	1348	1548	1379	1208	1205	1262	1387	1177	1116	14951
7.50 - 9.99	1191	1179	1346	1184	795	453	419	360	684	1047	1146	1122	10926
10.00 - 12.49	609	588	565	330	85	32	10	19	156	358	604	607	3963
12.50 - 14.99	528	485	375	147	20	2	8	7	43	158	346	495	2614
15.00 - 17.49	127	93	51	24	1	2	2	.	6	24	69	145	544
17.50 - 19.99	139	62	32	30	.	1	.	.	.	7	48	95	414
20.00 - GREATER	36	18	21	5							6	33	119
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.25 N, LONG: 74.25 W, DEPTH: 18 M

STATION: 68

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	620	571	592	503	455	340	360	527	644	600	520	559	6291
22.50 - 67.49	(45.0)	318	426	361	248	418	299	214	394	640	569	350	353	4590
67.50 - 112.49	(90.0)	206	335	390	261	306	290	161	212	405	517	277	317	3677
112.50 - 157.49	(135.0)	284	327	441	365	454	356	338	348	415	426	350	361	4465
157.50 - 202.49	(180.0)	412	326	458	669	673	774	770	628	504	396	473	478	6561
202.50 - 247.49	(225.0)	568	466	563	816	1106	1334	1522	1282	806	595	736	606	10400
247.50 - 292.49	(270.0)	1033	925	926	1048	956	992	1169	988	722	968	960	1028	11715
292.50 - 337.49	(315.0)	1519	1144	1229	890	592	415	426	581	664	889	1134	1258	10741
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 68

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.75	1.07	1.12	1.12	0.80	0.88	0.81	0.78	0.96	1.35	1.15	1.03	1.07
1957	1.02	1.06	1.00	1.13	0.75	0.89	0.69	0.71	0.81	1.11	1.25	1.47	0.99
1958	1.40	1.41	1.35	1.42	1.03	0.91	0.74	0.84	0.75	1.44	1.11	1.21	1.13
1959	1.44	1.14	1.20	1.07	0.68	0.70	0.86	0.77	0.68	1.09	1.29	1.13	1.00
1960	1.13	1.65	1.30	0.99	0.95	0.89	0.74	0.70	0.90	0.98	0.95	1.18	1.03
1961	1.23	1.22	1.06	1.09	1.07	0.92	0.65	0.73	1.07	1.17	1.13	1.12	1.04
1962	1.30	1.10	1.58	1.16	0.75	0.73	0.77	0.86	0.86	0.94	1.75	1.60	1.12
1963	1.15	1.31	1.20	0.95	0.96	0.77	0.68	0.68	1.01	1.03	1.35	1.12	1.02
1964	1.70	1.42	1.32	1.04	0.99	0.74	0.88	0.75	1.14	0.93	1.00	1.38	1.11
1965	1.46	1.29	0.96	0.92	0.61	0.83	0.72	0.76	0.84	1.14	1.13	0.98	0.97
1966	1.55	1.07	1.00	0.87	0.91	0.94	0.73	0.71	1.04	0.91	1.29	1.36	1.03
1967	1.18	1.45	1.11	1.10	1.03	0.72	0.75	0.75	1.23	0.95	1.10	1.40	1.06
1968	1.36	1.28	1.30	0.97	0.90	0.71	0.51	0.51	0.64	0.99	1.28	1.44	0.99
1969	1.50	1.79	1.45	1.10	1.14	0.75	0.73	0.81	0.88	1.10	1.39	1.64	1.19
1970	1.17	1.51	1.06	1.31	0.93	0.83	0.79	0.79	0.77	1.28	1.27	1.37	1.09
1971	1.27	1.36	1.33	1.07	1.02	0.66	0.75	0.81	0.85	1.23	1.08	1.26	1.06
1972	1.16	1.29	1.25	0.94	1.34	1.03	0.66	0.67	1.03	1.04	1.14	1.31	1.07
1973	1.37	1.37	1.32	1.19	1.03	0.84	0.81	0.64	0.80	0.97	1.29	1.63	1.10
1974	0.92	1.29	1.21	1.19	0.88	0.83	0.57	0.61	0.80	0.83	1.16	1.46	0.98
1975	1.31	1.12	1.46	1.20	0.74	0.77	0.91	0.49	0.95	1.06	1.18	1.46	1.05
MEAN	1.32	1.31	1.23	1.09	0.92	0.82	0.74	0.72	0.90	1.08	1.22	1.33	

STATION: 68

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	5210 7	38 821	31 813	41 9 7	21 622	18 715	21 718	17 7 8	4711 9	32 8 7	29 721	30 631	5210 7
1957	29 7 7	34 8 7	37 9 7	30 916	18 621	241113	18 623	15 514	18 720	4610 9	34 8 6	37 8 3	4610 9
1958	31 811	30 917	4511 9	38 9 9	22 916	181112	17 623	20 619	221017	4510 9	28 720	451112	451112
1959	361016	27 721	41 917	28 8 9	14 518	16 530	21 716	18 620	16 714	301013	31 817	32 819	41 917
1960	441010	451110	35 8 8	25 721	20 814	16 8 8	29 722	14 6 6	271016	41 9 5	25 720	4510 9	4510 9
1961	4310 8	511213	26 812	35 811	311114	18 623	14 623	14 618	401010	4610 5	25 917	35 819	511213
1962	38 9 8	25 8 5	6914 9	29 721	17 618	15 621	18 621	20 917	36 9 8	25 722	44 9 7	4610 8	6914 9
1963	31 630	31 916	29 918	22 816	23 916	26 915	24 718	26 722	26 8 6	27 8 7	381016	28 722	381016
1964	561310	4510 8	36 918	32 819	20 622	15 621	22 7 4	23 716	351211	26 915	34 818	33 917	561310
1965	4911 9	421015	25 719	22 718	12 521	29 8 7	17 619	17 619	19 717	29 714	29 722	26 818	4911 9
1966	4810 9	301014	27 917	24 710	24 722	28 913	17 6 5	18 619	31 910	23 817	381113	351010	4810 9
1967	28 818	4610 7	26 9 8	33 634	29 8 4	14 519	14 522	15 619	30 914	33 819	21 530	401114	4610 7
1968	461110	5110 5	38 912	32 819	271012	13 512	9 517	13 5 3	18 812	24 718	38 9 9	391117	5110 5
1969	451312	45 9 3	4911 9	28 816	30 918	15 618	17 616	20 721	191210	27 724	481214	361017	4911 9
1970	34 819	511415	28 717	401017	18 916	16 621	19 618	29 8 5	27 721	34 9 7	33 8 8	37 912	511415
1971	32 818	341016	47 9 3	4710 9	27 818	13 814	17 814	29 916	231013	28 810	37 913	27 719	4710 9
1972	29 818	30 811	29 819	28 7 3	30 8 7	301016	17 619	20 619	35 8 3	24 811	28 8 9	26 914	35 8 3
1973	32 819	43 9 4	37 821	29 7 4	29 816	18 624	19 620	16 717	24 814	31 912	35 819	351015	43 9 4
1974	27 719	33 819	3310 9	35 819	22 614	19 7 8	15 624	17 620	21 718	22 719	3010 8	581212	581212
1975	42 9 7	38 822	531215	4510 9	15 621	4510 9	46 9 6	12 430	28 721	26 7 8	511111	4910 4	531215
MAX	561310	511415	6914 9	4710 9	311114	4510 9	46 9 6	29 916	4711 9	4610 5	511111	581212	

MAX Hmo(m): 6.9 MAX Tp(sec): 14. MAX Dp(deg): 86. DATE(gmt): 62030712

MAX WIND SPEED(m/sec): 27. MAX WIND DIRECTION(deg): 20. DATE(gmt): 62030712

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.50 N LONG: 74.00 W DEPTH: 22 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 69

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	258	282	266	337	410	337	554	612	387	338	343	287	4411
0.50 - 0.99	1439	1272	1528	1877	2520	3134	3412	3371	2737	2054	1515	1425	26284
1.00 - 1.49	1377	1189	1512	1351	1325	1026	771	775	960	1424	1273	1241	14224
1.50 - 1.99	843	780	840	708	492	220	180	161	387	606	875	880	6972
2.00 - 2.49	461	487	409	291	144	51	24	25	163	272	432	592	3351
2.50 - 2.99	290	291	211	125	52	28	4	13	90	149	174	245	1672
3.00 - 3.49	139	104	96	62	15	1	3	3	49	67	93	158	790
3.50 - 3.99	66	62	44	31	2	1	1	.	19	21	65	79	391
4.00 - 4.49	45	30	19	15	.	2	4	.	5	17	22	32	191
4.50 - 4.99	20	12	14	2	.	.	6	.	3	12	7	12	88
5.00 - 5.49	11	10	7	1	.	.	1	.	.	.	1	6	37
5.50 - 5.99	10	1	5	.	.	.	.	.	.	.	.	1	17
6.00 - 6.49	1	.	1	.	.	.	.	.	.	.	.	2	4
6.50 - 6.99	.	.	2	.	.	.	.	.	.	.	.	.	2
7.00 - 7.49	.	.	4	.	.	.	.	.	.	.	.	.	4
7.50 - 7.99	.	.	2	.	.	.	.	.	.	.	.	.	2
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 69

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	244	303	314	397	304	304	402	413	225	291	276	242	3715
4.0 - 4.9	1015	871	1030	912	762	670	666	764	769	893	875	842	10069
5.0 - 5.9	1090	960	1005	733	763	802	630	692	631	838	958	966	10068
6.0 - 6.9	546	540	594	576	770	996	773	880	567	536	545	584	7907
7.0 - 7.9	338	375	420	477	723	999	1163	1040	893	704	441	390	7963
8.0 - 8.9	365	317	418	473	698	642	757	621	708	702	405	314	6420
9.0 - 9.9	426	301	394	455	618	254	378	331	469	445	393	441	4905
10.0 - 10.9	339	283	307	415	210	80	139	110	285	269	373	524	3334
11.0 - 11.9	324	250	222	210	69	38	27	61	183	157	260	333	2134
12.0 - 12.9	157	206	130	94	29	15	6	31	58	86	170	207	1189
13.0 - 13.9	74	86	67	39	9	.	7	13	11	34	57	75	472
14.0 - 14.9	32	22	32	15	5	.	12	3	1	4	20	29	175
15.0 - 15.9	9	6	11	3	.	.	.	1	.	1	21	11	63
16.0 - 16.9	.	.	14	1	.	.	.	.	.	.	6	1	22
17.0 - 17.9	.	.	2	.	.	.	.	.	.	.	.	1	3
18.0 - 18.9	1	.	.	.	.	.	.	.	.	.	.	.	1
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 69

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	311	267	262	213	113	62	77	115	179	193	217	229	2238
11.25 - 33.74 (22.5)	153	150	100	95	88	58	30	134	138	152	129	101	1328
33.75 - 56.24 (45.0)	95	148	99	48	75	48	21	72	142	156	84	94	1082
56.25 - 78.74 (67.5)	126	151	152	99	123	69	41	99	167	202	172	105	1506
78.75 - 101.24 (90.0)	489	540	566	470	373	199	168	245	718	676	719	529	5692
101.25 - 123.74 (112.5)	499	377	403	483	799	490	693	765	1229	990	615	753	8096
123.75 - 146.24 (135.0)	465	344	444	415	805	1063	1086	1016	854	631	400	387	7910
146.25 - 168.74 (157.5)	274	483	555	575	663	711	572	625	266	385	335	456	5900
168.75 - 191.24 (180.0)	526	453	629	879	793	1000	1035	798	269	282	437	515	7616
191.25 - 213.74 (202.5)	222	169	234	322	313	337	332	270	174	140	288	221	3022
213.75 - 236.24 (225.0)	146	116	140	207	244	232	276	260	160	152	196	182	2311
236.25 - 258.74 (247.5)	104	82	83	91	130	148	195	149	79	121	88	95	1365
258.75 - 281.24 (270.0)	237	197	181	245	176	191	215	168	114	220	239	210	2393
281.25 - 303.74 (292.5)	293	353	294	226	103	108	100	106	86	187	282	292	2430
303.75 - 326.24 (315.0)	530	405	465	230	68	50	68	65	93	262	330	434	3000
326.25 - 348.74 (337.5)	490	285	353	202	94	34	51	73	132	211	269	357	2551
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.50 N LONG: 74.00 W DEPTH: 22 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 69 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1306	148	.	.	.	.	.	.	.	.	1454
1.00 - 1.99	246	1482	.	.	.	.	.	.	.	.	1728
2.00 - 2.99	.	583	82	.	.	.	.	.	.	.	665
3.00 - 3.99	.	6	140	.	.	.	.	.	.	.	146
4.00 - 4.99	.	.	23	.	.	.	.	.	.	.	23
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1552	2219	245	0	0	0	0	0	0	0	4016

STATION: 69 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	554	182	19	.	.	.	.	.	.	.	755
1.00 - 1.99	69	839	33	.	.	.	.	.	.	.	941
2.00 - 2.99	.	123	273	.	.	.	.	.	.	.	396
3.00 - 3.99	.	.	165	3	.	.	.	.	.	.	168
4.00 - 4.99	.	.	19	48	.	.	.	.	.	.	67
5.00 - 5.99	.	.	.	14	.	.	.	.	.	.	14
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	623	1144	509	65	1	0	0	0	0	0	2342

STATION: 69 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	560	658	1291	1767	1091	205	54	1	.	.	5627
1.00 - 1.99	87	1093	610	746	590	191	9	1	.	.	3327
2.00 - 2.99	.	85	403	172	146	44	5	.	.	.	855
3.00 - 3.99	.	.	102	116	50	16	5	1	.	.	290
4.00 - 4.99	.	.	2	65	29	14	1	1	.	.	112
5.00 - 5.99	.	.	.	7	13	5	2	.	.	.	27
6.00 - 6.99	.	.	.	.	2	1	2	.	.	.	5
7.00 - 7.99	.	.	.	.	.	2	3	.	.	.	5
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	647	1836	2408	2873	1921	478	81	4	0	0	10248

STATION: 69 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	733	1422	4977	2271	494	46	3	.	.	.	9946
1.00 - 1.99	114	1237	1165	894	343	51	1	.	.	.	3805
2.00 - 2.99	.	74	382	314	129	37	.	.	.	.	936
3.00 - 3.99	.	.	41	140	68	19	.	.	.	.	268
4.00 - 4.99	.	.	.	19	29	7	.	.	.	.	55
5.00 - 5.99	.	.	.	.	10	3	.	.	.	.	13
6.00 - 6.99	.	.	.	.	.	1	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	847	2733	6565	3638	1073	164	4	0	0	0	15024

STATION: 69 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1209	2662	2156	548	88	.	.	.	.	.	6663
1.00 - 1.99	182	2157	1352	751	168	1	.	.	.	.	4611
2.00 - 2.99	.	110	568	256	63	4	.	.	.	.	1001
3.00 - 3.99	.	.	85	86	9	.	.	.	.	.	180
4.00 - 4.99	.	.	.	11	.	.	.	.	.	.	11
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1391	4929	4161	1652	328	5	0	0	0	0	12466

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.50 N LONG: 74.00 W DEPTH: 22 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 69 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1633	368	10	.	.	.	.	.	.	.	2011
1.00 - 1.99	149	1740	101	.	.	.	.	.	.	.	1990
2.00 - 2.99	.	96	299	.	.	.	.	.	.	.	395
3.00 - 3.99	.	.	72	3	.	.	.	.	.	.	75
4.00 - 4.99	.	.	3	8	.	.	.	.	.	.	11
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1782	2204	485	11	0	0	0	0	0	0	4482

STATION: 69 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2672	.	.	.	.	.	.	.	.	.	2672
1.00 - 1.99	1103	249	.	.	.	.	.	.	.	.	1352
2.00 - 2.99	.	121	.	.	.	.	.	.	.	.	121
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3775	371	0	0	0	0	0	0	0	0	4146

STATION: 69 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1567	.	.	.	.	.	.	.	.	.	1567
1.00 - 1.99	1600	1842	.	.	.	.	.	.	.	.	3442
2.00 - 2.99	.	653	1	.	.	.	.	.	.	.	654
3.00 - 3.99	.	44	9	.	.	.	.	.	.	.	53
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3167	2539	10	0	0	0	0	0	0	0	5716

STATION: 69 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10234	5440	8453	4586	1673	251	57	1	.	.	30695
1.00 - 1.99	3550	10639	3261	2391	1101	243	10	1	.	.	21196
2.00 - 2.99	.	1845	2008	742	338	85	5	.	.	.	5023
3.00 - 3.99	.	51	614	348	127	35	5	1	.	.	1181
4.00 - 4.99	.	.	47	151	58	21	1	1	.	.	279
5.00 - 5.99	.	.	.	21	23	8	2	.	.	.	54
6.00 - 6.99	.	.	.	.	2	2	2	.	.	.	6
7.00 - 7.99	.	.	.	.	1	2	3	.	.	.	6
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	13784	17975	14383	8239	3323	647	85	4	0	0	58440

STATION: 69

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	77	87	93	134	188	203	251	267	185	151	131	90	1857
2.50 - 4.99	1044	1007	1121	1502	2223	2601	2949	2970	2342	1739	1209	1165	21872
5.00 - 7.49	1118	934	1278	1357	1576	1448	1281	1278	1318	1425	1165	1111	15289
7.50 - 9.99	1208	1179	1322	1236	846	510	457	414	745	1044	1164	1158	11283
10.00 - 12.49	651	623	636	362	100	33	10	24	156	393	624	611	4223
12.50 - 14.99	551	509	399	151	23	2	10	7	49	183	382	544	2810
15.00 - 17.49	133	99	53	20	4	2	2	.	5	17	65	141	541
17.50 - 19.99	141	63	36	32	.	1	.	.	.	8	54	104	439
20.00 - GREATER	37	19	22	6	.	.	.	.	.	.	6	36	126
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.50 N, LONG: 74.00 W, DEPTH: 22 M

STATION: 69

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION	WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	622	549	580	490	443	324	334	518	605	574	508	540	6087
22.50 - 67.49	(45.0)	311	422	340	224	380	280	186	344	595	525	331	345	4283
67.50 - 112.49	(90.0)	221	347	417	309	313	281	154	209	431	528	298	352	3860
112.50 - 157.49	(135.0)	279	331	453	376	467	387	358	391	433	455	382	363	4675
157.50 - 202.49	(180.0)	433	329	433	648	667	764	757	596	505	396	480	462	6470
202.50 - 247.49	(225.0)	542	437	554	790	1083	1294	1466	1265	770	588	699	600	10088
247.50 - 292.49	(270.0)	1035	937	942	1065	999	1049	1259	1025	771	989	973	1017	12061
292.50 - 337.49	(315.0)	1517	1168	1241	898	608	421	446	612	690	905	1129	1281	10916
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 69

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.00	1.12	1.21	1.16	0.85	0.91	0.83	0.84	1.02	1.39	1.21	1.07	1.13
1957	1.10	1.15	1.08	1.15	0.78	0.91	0.71	0.74	0.85	1.16	1.31	1.56	1.04
1958	1.47	1.45	1.47	1.51	1.08	0.95	0.76	0.86	0.79	1.49	1.16	1.31	1.19
1959	1.50	1.19	1.26	1.12	0.70	0.72	0.87	0.81	0.74	1.14	1.37	1.24	1.06
1960	1.18	1.74	1.36	1.05	0.97	0.95	0.77	0.72	0.94	1.06	1.00	1.25	1.08
1961	1.30	1.27	1.12	1.15	1.10	0.93	0.66	0.74	1.15	1.32	1.20	1.17	1.09
1962	1.38	1.25	1.76	1.19	0.79	0.74	0.79	0.89	0.92	1.00	1.82	1.68	1.18
1963	1.25	1.41	1.26	0.98	1.01	0.79	0.70	0.72	1.12	1.12	1.45	1.16	1.08
1964	1.77	1.48	1.38	1.08	1.03	0.77	0.92	0.77	1.20	1.01	1.07	1.48	1.16
1965	1.57	1.35	1.04	0.98	0.62	0.89	0.76	0.79	0.88	1.18	1.21	1.05	1.02
1966	1.69	1.14	1.05	0.91	0.94	0.96	0.75	0.75	1.09	0.95	1.42	1.51	1.10
1967	1.24	1.53	1.21	1.25	1.14	0.74	0.78	0.77	1.33	1.03	1.16	1.52	1.14
1968	1.48	1.38	1.39	1.07	0.94	0.74	0.53	0.54	0.69	1.02	1.34	1.51	1.05
1969	1.57	2.05	1.55	1.15	1.19	0.78	0.77	0.86	0.94	1.20	1.51	1.70	1.27
1970	1.27	1.59	1.14	1.38	0.97	0.85	0.81	0.83	0.79	1.33	1.35	1.49	1.15
1971	1.38	1.41	1.40	1.16	1.05	0.69	0.78	0.85	0.87	1.25	1.17	1.36	1.11
1972	1.27	1.40	1.32	1.03	1.39	1.06	0.71	0.72	1.13	1.13	1.27	1.41	1.15
1973	1.46	1.56	1.46	1.27	1.05	0.88	0.85	0.68	0.85	1.03	1.32	1.71	1.17
1974	1.01	1.45	1.30	1.26	0.93	0.86	0.62	0.65	0.87	0.93	1.34	1.57	1.06
1975	1.47	1.23	1.66	1.36	0.79	0.82	1.00	0.54	1.00	1.15	1.28	1.68	1.16
MEAN	1.42	1.41	1.32	1.16	0.97	0.85	0.77	0.75	0.96	1.14	1.30	1.42	

STATION: 69

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	5812 9	42 919	36 813	39 8 4	22 622	19 720	21 718	24 636	4910 9	32 8 7	32 819	30 631	5812 9
1957	31 7 7	34 8 7	40 9 7	31 916	17 621	23 720	18 623	14 717	19 720	46 9 8	35 9 8	46 9 3	46 9 3
1958	32 913	301014	5111 9	401011	29 7 3	191112	17 623	20 619	27 635	45 9 8	29 721	471010	5111 9
1959	401017	28 722	43 916	28 7 5	14 621	16 621	24 716	19 6 2	17 535	321013	34 818	35 823	43 916
1960	42 9 8	451010	39 9 8	27 721	21 813	24 6 0	30 722	14 5 2	27 915	43 9 7	26 720	4810 9	4810 9
1961	48 9 6	571213	28 912	37 810	321114	19 722	12 515	14 718	431010	49 9 4	25 634	38 821	571213
1962	38 821	32 7 1	7615 9	30 818	17 618	16 622	20 621	20 917	38 8 4	28 723	471010	48 9 5	7615 9
1963	32 630	33 8 5	31 918	23 716	24 917	25 915	23 717	29 819	28 8 5	32 735	421016	31 817	421016
1964	631210	45 9 5	37 8 4	34 819	20 622	16 621	23 7 4	23 717	351211	26 915	35 818	42 835	631210
1965	5111 9	43 823	25 720	2210 9	12 520	29 8 7	19 619	17 619	20 718	30 821	34 822	29 735	5111 9
1966	471010	311014	28 716	25 7 9	23 723	27 913	21 6 4	19 720	32 910	23 531	391312	38 8 3	471010
1967	30 818	4810 8	28 8 6	43 835	37 7 1	16 6 3	15 522	17 619	34 8 5	36 823	26 635	431012	4810 8
1968	49 9 4	541211	401012	35 919	28 912	14 511	9 519	13 5 3	19 812	25 721	42 9 8	40 823	541211
1969	451311	46 9 5	51 9 4	30 817	33 918	15 618	20 6 4	21 722	231310	29 822	491214	361018	51 9 4
1970	35 820	511416	29 717	43 921	18 917	18 621	21 717	34 8 3	29 819	34 8 6	361114	41 912	511416
1971	34 823	37 723	471012	501010	27 819	14 814	17 814	28 916	211013	31 810	42 912	29 818	501010
1972	30 819	33 910	31 819	31 7 3	29 7 5	29 914	18 620	20 619	38 9 5	26 912	30 8 8	29 8 9	38 9 5
1973	34 816	45 8 3	39 921	30 810	28 815	21 722	19 621	17 717	25 814	34 821	37 822	37 914	45 8 3
1974	29 720	38 8 3	3610 9	38 919	24 723	19 7 9	16 624	19 6 3	21 719	24 634	43 8 1	631312	631312
1975	43 9 7	41 921	591115	441111	22 6 1	44 9 7	5113 9	13 430	29 821	31 7 2	5110 9	5410 4	591115
MAX	631210	571213	7615 9	501010	37 7 1	44 9 7	5113 9	34 8 3	4910 9	49 9 4	5110 9	631312	

MAX Hmo(m): 7.6 MAX Tp(sec): 15. MAX Dp(deg): 94. DATE(gmt): 62030712

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 315. DATE(gmt): 69021012

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.75 N, LONG: 74.00 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 70

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	296	345	348	439	544	446	681	755	468	364	387	328	5401
0.50 - 0.99	1539	1319	1623	1965	2592	3252	3480	3421	2761	2174	1578	1508	27212
1.00 - 1.49	1425	1241	1513	1378	1298	889	681	659	973	1408	1354	1277	14096
1.50 - 1.99	806	766	850	597	384	147	91	95	339	580	849	907	6411
2.00 - 2.49	446	493	327	266	95	52	12	24	124	228	370	517	2954
2.50 - 2.99	229	204	151	88	41	11	2	5	73	124	117	201	1246
3.00 - 3.49	112	75	69	41	6	1	1	1	44	46	88	142	626
3.50 - 3.99	43	48	36	17	.	2	6	.	13	15	40	48	268
4.00 - 4.49	33	15	15	6	.	.	3	.	3	17	11	17	120
4.50 - 4.99	14	9	12	3	.	.	3	.	2	4	6	6	59
5.00 - 5.49	9	4	5	.	.	.	.	.	.	.	.	6	24
5.50 - 5.99	7	1	3	.	.	.	.	.	.	.	.	2	13
6.00 - 6.49	1	.	2	.	.	.	.	.	.	.	.	1	4
6.50 - 6.99	.	.	4	.	.	.	.	.	.	.	.	.	4
7.00 - 7.49	.	.	2	.	.	.	.	.	.	.	.	.	2
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 70

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	290	350	396	508	401	410	554	545	303	349	335	288	4729
4.0 - 4.9	1224	1006	1205	1134	995	955	916	940	888	1098	1067	970	12398
5.0 - 5.9	1035	942	1018	653	627	608	415	520	512	713	909	983	8935
6.0 - 6.9	429	486	460	462	579	789	554	682	469	436	433	447	6226
7.0 - 7.9	244	284	340	395	560	837	989	967	821	589	357	333	6716
8.0 - 8.9	325	286	371	369	688	668	838	670	742	667	340	260	6224
9.0 - 9.9	400	275	349	445	716	356	470	381	489	497	377	395	5150
10.0 - 10.9	384	285	331	440	272	110	166	131	313	323	406	564	3725
11.0 - 11.9	353	281	228	237	73	50	29	67	197	161	339	422	2437
12.0 - 12.9	179	213	152	97	34	17	10	42	48	87	137	207	1223
13.0 - 13.9	61	90	60	37	9	.	10	10	17	30	52	62	438
14.0 - 14.9	28	19	27	20	6	.	9	4	1	9	30	24	177
15.0 - 15.9	7	3	9	3	.	.	.	1	.	1	14	5	43
16.0 - 16.9	1	.	12	.	.	.	.	.	.	.	4	.	17
17.0 - 17.9	.	.	2	.	.	.	.	.	.	.	.	.	2
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 70

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	261	228	235	202	113	62	69	109	171	169	179	204	2002
11.25 - 33.74 (22.5)	118	112	87	86	70	54	30	109	130	124	89	73	1082
33.75 - 56.24 (45.0)	83	147	85	51	69	53	22	80	114	139	80	94	1017
56.25 - 78.74 (67.5)	117	142	145	84	108	51	36	69	136	169	152	104	1313
78.75 - 101.24 (90.0)	556	614	626	524	431	220	177	285	819	758	813	629	6452
101.25 - 123.74 (112.5)	723	474	547	610	1027	807	1074	1080	1394	1131	715	908	10490
123.75 - 146.24 (135.0)	402	442	537	504	832	1023	1009	916	769	637	392	478	7941
146.25 - 168.74 (157.5)	304	433	550	639	663	722	608	706	236	313	318	371	5863
168.75 - 191.24 (180.0)	337	260	339	531	518	684	684	495	235	196	328	331	4938
191.25 - 213.74 (202.5)	207	168	225	294	285	298	291	240	149	146	302	201	2806
213.75 - 236.24 (225.0)	80	72	100	158	185	198	212	227	128	129	135	120	1744
236.25 - 258.74 (247.5)	105	74	85	91	129	154	211	155	62	126	80	94	1366
258.75 - 281.24 (270.0)	297	236	248	301	199	246	275	210	144	242	286	250	2934
281.25 - 303.74 (292.5)	337	392	335	268	128	128	121	115	94	211	327	328	2784
303.75 - 326.24 (315.0)	548	419	477	258	88	58	79	74	90	268	323	430	3112
326.25 - 348.74 (337.5)	485	307	339	199	115	42	62	90	129	202	281	345	2596
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.75 N LONG: 74.00 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 70 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1431	1	.	.	.	.	.	.	.	.	1432
1.00 - 1.99	587	1237	.	.	.	.	.	.	.	.	1824
2.00 - 2.99	.	406	1	.	.	.	.	.	.	.	407
3.00 - 3.99	.	11	37	.	.	.	.	.	.	.	48
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2018	1655	38	0	0	0	0	0	0	0	3711

STATION: 70 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	626	143	4	.	.	.	.	.	.	.	773
1.00 - 1.99	69	753	11	.	.	.	.	.	.	.	833
2.00 - 2.99	.	115	237	.	.	.	.	.	.	.	352
3.00 - 3.99	.	.	112	1	.	.	.	.	.	.	113
4.00 - 4.99	.	.	11	8	.	.	.	.	.	.	19
5.00 - 5.99	.	.	.	1	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	695	1011	375	10	0	0	0	0	0	0	2091

STATION: 70 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	607	607	1528	2457	1314	216	37	.	.	.	6766
1.00 - 1.99	87	1058	609	974	718	171	6	.	.	.	3623
2.00 - 2.99	.	94	399	266	176	42	5	.	.	.	982
3.00 - 3.99	.	.	106	176	96	22	3	2	.	.	405
4.00 - 4.99	.	.	3	62	47	8	2	.	.	.	122
5.00 - 5.99	.	.	.	1	24	4	2	.	.	.	31
6.00 - 6.99	.	.	.	.	3	2	3	.	.	.	8
7.00 - 7.99	.	.	.	.	.	1	1	.	.	.	2
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	694	1759	2645	3936	2378	466	59	2	0	0	11939

STATION: 70 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	888	1509	5345	2701	535	34	1	.	.	.	11013
1.00 - 1.99	127	1367	1261	1178	438	46	.	.	.	.	4417
2.00 - 2.99	.	77	381	370	148	41	.	.	.	.	1017
3.00 - 3.99	.	.	28	100	65	17	.	.	.	.	210
4.00 - 4.99	.	.	.	7	23	7	.	.	.	.	37
5.00 - 5.99	.	.	.	.	5	.	.	.	.	.	5
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1015	2953	7015	4356	1214	145	1	0	0	0	16699

STATION: 70 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1491	2345	1399	289	47	.	.	.	.	.	5571
1.00 - 1.99	252	1922	674	185	20	3	.	.	.	.	3056
2.00 - 2.99	.	111	446	59	1	1	.	.	.	.	618
3.00 - 3.99	.	.	39	34	.	.	.	.	.	.	73
4.00 - 4.99	.	.	.	1	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1743	4378	2558	568	68	4	0	0	0	0	9319

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.75 N LONG: 74.00 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 70 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1949	75	9	.	.	.	.	.	.	.	2033
1.00 - 1.99	1058	255	209	.	.	.	.	.	.	.	1522
2.00 - 2.99	.	7	85	3	.	.	.	.	.	.	95
3.00 - 3.99	.	.	.	2	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3007	337	303	5	0	0	0	0	0	0	3652

STATION: 70 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3259		.	.	.	.	.	.	.	.	3259
1.00 - 1.99	1254	401	.	.	.	.	.	.	.	.	1655
2.00 - 2.99	.	129	.	.	.	.	.	.	.	.	129
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4513	531	0	0	0	0	0	0	0	0	5044

STATION: 70 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1766		.	.	.	.	.	.	.	.	1766
1.00 - 1.99	1676	1901	.	.	.	.	.	.	.	.	3577
2.00 - 2.99	.	600	.	.	.	.	.	.	.	.	600
3.00 - 3.99	.	36	6	.	.	.	.	.	.	.	42
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3442	2537	6	0	0	0	0	0	0	0	5985

STATION: 70 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	12017	4680	8285	5447	1896	250	38	.	.	.	32613
1.00 - 1.99	5110	8894	2764	2337	1176	220	6	.	.	.	20507
2.00 - 2.99	.	1539	1549	698	325	84	5	.	.	.	4200
3.00 - 3.99	.	48	328	313	161	39	3	2	.	.	894
4.00 - 4.99	.	.	14	78	70	15	2	.	.	.	179
5.00 - 5.99	.	.	.	2	29	4	2	.	.	.	37
6.00 - 6.99	.	.	.	.	3	2	3	.	.	.	8
7.00 - 7.99	.	.	.	.	.	1	1	.	.	.	2
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	17127	15161	12940	8875	3660	615	60	2	0	0	58440

STATION: 70

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	78	87	89	130	185	194	229	239	185	131	112	85	1744
2.50 - 4.99	1073	1030	1153	1551	2272	2652	3042	3055	2388	1769	1237	1209	22431
5.00 - 7.49	1091	935	1258	1367	1565	1437	1257	1267	1311	1443	1160	1058	15149
7.50 - 9.99	1212	1171	1355	1204	828	484	414	369	722	1042	1183	1170	11154
10.00 - 12.49	660	604	614	348	87	28	11	23	148	382	623	607	4135
12.50 - 14.99	542	518	383	143	20	4	7	7	45	169	364	558	2760
15.00 - 17.49	128	101	51	22	3	1	.	.	1	16	62	137	522
17.50 - 19.99	139	55	35	30	.	.	.	.	.	8	53	103	423
20.00 - GREATER	37	19	22	5							6	33	122
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 39.75 N, LONG: 74.00 W, DEPTH: 18 M

STATION: 70

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	614	549	584	491	455	303	317	514	587	556	498	541	6009
22.50 - 67.49 (45.0)	294	414	350	226	337	265	162	312	561	476	323	333	4053
67.50 - 112.49 (90.0)	215	334	396	294	304	240	132	193	409	490	295	351	3653
112.50 - 157.49 (135.0)	293	337	463	386	477	410	347	383	449	500	385	378	4808
157.50 - 202.49 (180.0)	435	335	443	665	679	786	783	618	530	419	496	479	6668
202.50 - 247.49 (225.0)	537	443	542	768	1062	1255	1441	1245	759	609	695	592	9948
247.50 - 292.49 (270.0)	1043	913	923	1060	1008	1063	1283	1049	784	981	989	988	12084
292.50 - 337.49 (315.0)	1529	1195	1259	910	638	478	495	646	721	929	1119	1298	11217
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 70

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.90	1.05	1.13	1.05	0.77	0.84	0.77	0.77	0.97	1.32	1.13	1.02	1.06
1957	1.06	1.09	1.02	1.09	0.72	0.86	0.65	0.68	0.79	1.12	1.22	1.43	0.98
1958	1.43	1.39	1.42	1.43	1.03	0.89	0.69	0.80	0.74	1.42	1.10	1.24	1.13
1959	1.40	1.09	1.17	1.01	0.65	0.68	0.81	0.76	0.70	1.09	1.29	1.15	0.98
1960	1.12	1.61	1.30	0.95	0.92	0.89	0.72	0.66	0.89	1.02	0.95	1.19	1.02
1961	1.26	1.18	1.05	1.07	1.02	0.83	0.62	0.69	1.09	1.25	1.17	1.10	1.03
1962	1.26	1.17	1.64	1.09	0.76	0.67	0.72	0.84	0.88	0.95	1.71	1.56	1.10
1963	1.16	1.30	1.17	0.93	0.93	0.73	0.66	0.68	1.06	1.05	1.35	1.11	1.01
1964	1.65	1.42	1.27	1.02	0.95	0.73	0.85	0.72	1.15	0.95	0.99	1.37	1.09
1965	1.49	1.27	0.97	0.92	0.58	0.82	0.69	0.76	0.85	1.11	1.12	0.99	0.96
1966	1.59	1.08	0.98	0.85	0.86	0.88	0.70	0.68	1.05	0.90	1.34	1.43	1.03
1967	1.16	1.42	1.12	1.16	1.04	0.70	0.71	0.71	1.27	0.99	1.13	1.43	1.07
1968	1.42	1.32	1.32	1.01	0.89	0.68	0.53	0.51	0.68	0.98	1.29	1.42	1.00
1969	1.52	1.92	1.48	1.07	1.12	0.74	0.74	0.78	0.90	1.11	1.46	1.62	1.20
1970	1.18	1.49	1.07	1.30	0.92	0.80	0.75	0.77	0.75	1.28	1.31	1.45	1.09
1971	1.27	1.34	1.31	1.10	0.96	0.65	0.71	0.78	0.85	1.18	1.12	1.27	1.04
1972	1.18	1.33	1.26	0.93	1.29	0.98	0.66	0.68	1.08	1.06	1.18	1.35	1.08
1973	1.39	1.45	1.36	1.16	0.98	0.82	0.80	0.63	0.82	0.98	1.20	1.61	1.10
1974	0.94	1.34	1.23	1.14	0.87	0.82	0.59	0.61	0.82	0.89	1.24	1.50	1.00
1975	1.38	1.15	1.55	1.26	0.75	0.78	0.92	0.52	0.95	1.11	1.19	1.59	1.10
MEAN	1.34	1.32	1.24	1.08	0.90	0.79	0.71	0.70	0.91	1.09	1.23	1.34	

STATION: 70

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	5912 9	39 918	36 811	34 8 6	17 720	17 714	20 718	22 7 8	4510 9	29 7 7	27 719	29 631	5912 9
1957	30 8 8	29 8 8	38 8 7	29 915	15 610	22 720	14 621	14 513	15 613	4310 9	34 8 7	42 9 4	4310 9
1958	32 8 9	291013	5011 9	37 910	26 7 4	191111	13 424	20 618	21 534	41 9 9	27 810	4510 8	5011 9
1959	36 820	24 718	40 915	24 7 7	14 518	15 530	23 714	15 620	16 535	331012	31 817	28 912	40 915
1960	35 910	39 9 8	35 9 9	221015	20 912	20 535	24 620	12 5 5	241015	4110 9	23 719	4710 9	4710 9
1961	4710 9	561112	28 912	35 8 9	311113	17 519	13 514	12 718	381010	4511 9	25 912	35 820	561112
1962	34 818	27 6 1	7015 9	28 817	17 618	13 621	16 816	18 531	33 7 3	24 810	451010	4610 8	7015 9
1963	30 630	27 711	29 819	22 716	21 916	23 914	22 717	27 818	2610 9	28 632	381012	27 817	381012
1964	631210	40 8 4	35 919	32 819	201311	14 621	20 7 4	24 716	331112	25 711	33 817	38 734	631210
1965	471110	401013	21 611	2310 9	11 520	27 7 7	17 619	17 619	19 718	28 813	25 631	26 635	471110
1966	431011	30 814	28 716	22 710	18 718	261013	18 6 6	16 620	321010	23 530	391112	36 8 4	431011
1967	29 818	45 9 6	27 7 6	38 735	3410 9	15 518	13 519	17 619	32 8 6	29 720	23 635	411012	45 9 6
1968	44 9 6	521212	391011	33 918	28 911	14 511	9 518	12 5 3	19 711	25 719	40 9 8	36 917	521212
1969	431311	43 8 4	481211	29 817	29 819	14 519	18 6 5	17 718	211010	26 7 5	491213	36 911	491213
1970	29 719	471414	28 716	34 916	161015	14 430	18 618	31 8 7	24 719	31 7 5	331113	411011	471414
1971	31 8 8	31 914	411013	461112	26 819	13 516	16 814	24 916	201013	30 810	431010	29 818	461112
1972	28 819	32 9 9	29 819	28 7 3	26 7 6	25 913	14 619	20 619	35 8 4	26 911	29 720	28 9 9	35 8 4
1973	33 917	4210 9	32 820	29 810	27 814	17 714	17 620	16 617	24 717	331011	33 918	35 913	4210 9
1974	24 718	34 9 9	341010	32 819	23 614	16 6 7	13 425	18 6 3	20 719	21 636	39 7 0	631211	631211
1975	40 917	34 817	551114	411110	18 5 0	39 8 7	481310	13 529	25 812	28 6 1	46 9 8	5011 8	551114
MAX	631210	561112	7015 9	461112	3410 9	39 8 7	481310	31 8 7	4510 9	4511 9	491213	631211	

MAX Hmo(m): 7.0 MAX Tp(sec): 15. MAX Dp(deg): 94. DATE(gmt): 62030712

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 320. DATE(gmt): 69021012

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.00 N LONG: 74.00 W DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 71

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	364	391	416	502	614	513	782	856	541	412	453	388	6232
0.50 - 0.99	1639	1404	1721	2054	2627	3289	3462	3452	2842	2337	1647	1559	28033
1.00 - 1.49	1385	1229	1502	1358	1279	800	613	546	913	1322	1349	1305	13601
1.50 - 1.99	792	777	786	526	329	151	79	82	287	538	790	859	5996
2.00 - 2.49	389	438	285	235	85	41	10	19	112	204	325	482	2625
2.50 - 2.99	214	164	114	86	24	4	3	5	70	83	134	182	1083
3.00 - 3.49	92	72	73	31	2	2	5	.	28	43	60	119	527
3.50 - 3.99	43	27	28	3	.	.	2	.	5	16	30	40	194
4.00 - 4.49	20	10	13	2	.	.	4	.	2	5	10	17	83
4.50 - 4.99	14	7	10	3	.	.	.	.	.	.	2	3	39
5.00 - 5.49	5	1	4	.	.	.	.	.	.	.	.	3	13
5.50 - 5.99	1	.	3	.	.	.	.	.	.	.	.	2	6
6.00 - 6.49	2	.	4	.	.	.	.	.	.	.	.	1	7
6.50 - 6.99	.	.	1	.	.	.	.	.	.	.	.	.	1
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 71

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	441	448	539	613	511	500	654	692	433	466	454	401	6152
4.0 - 4.9	1286	1055	1248	1139	976	961	888	842	874	1095	1095	1021	12480
5.0 - 5.9	914	872	897	568	567	563	397	463	471	620	822	881	8035
6.0 - 6.9	356	430	426	400	550	754	496	650	452	426	390	392	5722
7.0 - 7.9	229	247	342	376	570	868	1008	994	771	562	333	304	6604
8.0 - 8.9	322	284	353	407	698	647	831	685	746	678	322	281	6254
9.0 - 9.9	413	285	363	465	712	345	470	380	487	519	433	401	5273
10.0 - 10.9	386	296	318	462	273	104	163	136	331	312	414	581	3776
11.0 - 11.9	374	267	240	234	66	44	24	68	171	167	333	425	2413
12.0 - 12.9	158	223	136	84	24	13	9	37	48	76	125	197	1130
13.0 - 13.9	53	94	59	32	7	1	11	10	16	30	42	59	414
14.0 - 14.9	21	12	20	18	6	.	9	3	.	9	23	17	138
15.0 - 15.9	4	7	5	1	.	.	.	.	.	.	7	.	24
16.0 - 16.9	3	.	12	1	.	.	.	.	.	.	7	.	23
17.0 - 17.9	.	.	2	.	.	.	.	.	.	.	.	.	2
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 71

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	163	150	176	149	76	71	62	91	114	126	132	121	1431
11.25 - 33.74 (22.5)	85	85	46	50	49	34	18	79	65	81	56	43	691
33.75 - 56.24 (45.0)	76	113	80	38	56	43	15	68	110	112	72	74	857
56.25 - 78.74 (67.5)	77	122	98	69	72	42	24	55	114	142	88	95	998
78.75 - 101.24 (90.0)	474	565	549	440	316	182	175	220	663	650	716	519	5469
101.25 - 123.74 (112.5)	739	539	560	687	1010	637	786	998	1406	1157	817	961	10297
123.75 - 146.24 (135.0)	544	502	667	587	1011	1191	1266	1079	951	768	480	575	9621
146.25 - 168.74 (157.5)	344	475	580	729	722	794	702	763	269	367	355	430	6530
168.75 - 191.24 (180.0)	377	268	378	540	538	701	686	529	243	235	390	369	5254
191.25 - 213.74 (202.5)	143	129	172	198	228	259	245	197	150	117	214	126	2178
213.75 - 236.24 (225.0)	108	91	116	157	201	211	216	209	141	130	147	149	1876
236.25 - 258.74 (247.5)	116	99	101	111	132	144	185	159	75	136	97	93	1448
258.75 - 281.24 (270.0)	354	264	277	323	226	253	299	226	157	285	342	286	3292
281.25 - 303.74 (292.5)	424	454	407	304	126	143	144	136	116	247	371	375	3247
303.75 - 326.24 (315.0)	523	378	460	242	98	57	82	66	106	230	301	434	2977
326.25 - 348.74 (337.5)	413	286	293	176	99	38	55	85	120	177	222	310	2274
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.00 N, LONG: 74.00 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 71 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1584										1584
1.00 - 1.99	749	279									1028
2.00 - 2.99		109									109
3.00 - 3.99		2									2
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	2333	390	0	0	0	0	0	0	0	0	2723

STATION: 71 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	570	123									693
1.00 - 1.99	114	538	1								653
2.00 - 2.99		191	73								264
3.00 - 3.99			71								71
4.00 - 4.99			7	2							9
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	684	852	152	2	0	0	0	0	0	0	1690

STATION: 71 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	662	591	1292	2189	1157	132	13				6036
1.00 - 1.99	88	1066	563	865	603	138	7				3330
2.00 - 2.99		106	369	256	136	31	13	2			913
3.00 - 3.99			89	124	64	12	1				290
4.00 - 4.99			2	37	24	4	2				69
5.00 - 5.99				2	9	2	2				15
6.00 - 6.99					4	2	2				8
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	750	1763	2315	3473	1997	321	40	2	0	0	10661

STATION: 71 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	989	1649	5856	3166	656	72	2				12390
1.00 - 1.99	114	1425	1392	1234	524	83	2				4774
2.00 - 2.99		76	400	387	174	53	3				1093
3.00 - 3.99			33	118	71	13					235
4.00 - 4.99				12	23	8					43
5.00 - 5.99					4						4
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1103	3150	7681	4917	1452	229	7	0	0	0	18539

STATION: 71 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1707	2270	1499	356	61						5893
1.00 - 1.99	288	1841	742	196	30	2					3099
2.00 - 2.99		115	397	71	3						586
3.00 - 3.99			38	33							71
4.00 - 4.99				1							1
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1995	4226	2676	657	94	2	0	0	0	0	9650

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.00 N, LONG: 74.00 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 71 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2195	3	2	.	.	.	.	.	.	.	2200
1.00 - 1.99	1132	178	22	.	.	.	.	.	.	.	1332
2.00 - 2.99	.	25	.	.	.	.	.	.	.	.	25
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3327	206	24	0	0	0	0	0	0	0	3557

STATION: 71 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3636	.	.	.	.	.	.	.	.	.	3636
1.00 - 1.99	1380	524	.	.	.	.	.	.	.	.	1904
2.00 - 2.99	.	140	.	.	.	.	.	.	.	.	140
3.00 - 3.99	.	5	.	.	.	.	.	.	.	.	5
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5016	669	0	0	0	0	0	0	0	0	5685

STATION: 71 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1833	.	.	.	.	.	.	.	.	.	1833
1.00 - 1.99	1591	1886	.	.	.	.	.	.	.	.	3477
2.00 - 2.99	.	578	.	.	.	.	.	.	.	.	578
3.00 - 3.99	.	37	10	.	.	.	.	.	.	.	47
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3424	2501	10	0	0	0	0	0	0	0	5935

STATION: 71 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	13176	4636	8649	5711	1874	204	15	.	.	.	34265
1.00 - 1.99	5456	7737	2720	2295	1157	223	9	.	.	.	19597
2.00 - 2.99	.	1340	1239	714	313	84	16	2	.	.	3708
3.00 - 3.99	.	44	241	275	135	25	1	.	.	.	721
4.00 - 4.99	.	.	9	52	47	12	2	.	.	.	122
5.00 - 5.99	.	.	.	2	13	2	2	.	.	.	19
6.00 - 6.99	.	.	.	.	4	2	2	.	.	.	8
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	18632	13757	12858	9049	3543	552	47	2	0	0	58440

STATION: 71

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	77	77	82	115	160	162	191	211	164	120	103	78	1540
2.50 - 4.99	1065	1042	1223	1590	2300	2716	3104	3141	2447	1795	1266	1219	22908
5.00 - 7.49	1134	954	1212	1373	1582	1423	1258	1236	1305	1421	1158	1057	15113
7.50 - 9.99	1161	1153	1364	1184	819	471	390	342	703	1069	1159	1156	10971
10.00 - 12.49	687	596	583	343	80	24	13	23	140	377	634	616	4116
12.50 - 14.99	528	526	386	141	17	4	4	7	40	156	353	562	2724
15.00 - 17.49	130	105	56	19	2	.	.	.	1	14	71	136	534
17.50 - 19.99	139	48	32	31	.	.	.	.	.	8	51	101	410
20.00 - GREATER	39	19	22	4	.	.	.	.	.	.	5	35	124
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.00 N, LONG: 74.00 W, DEPTH: 18 M

STATION: 71

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	592	564	591	499	457	299	308	515	576	551	505	546	6003
22.50 - 67.49 (45.0)	294	397	344	226	321	243	145	305	530	442	313	325	3885
67.50 - 112.49 (90.0)	209	325	392	284	282	221	119	162	387	456	289	346	3472
112.50 - 157.49 (135.0)	296	347	458	396	478	413	332	368	464	533	387	390	4862
157.50 - 202.49 (180.0)	446	336	460	677	708	808	809	646	561	443	519	471	6884
202.50 - 247.49 (225.0)	544	450	524	749	1045	1216	1384	1237	756	615	682	599	9801
247.50 - 292.49 (270.0)	1040	916	921	1047	996	1083	1315	1059	780	996	1003	996	12152
292.50 - 337.49 (315.0)	1539	1185	1270	922	673	517	548	668	746	924	1102	1287	11381
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 71

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.73	1.02	1.07	1.02	0.72	0.81	0.74	0.72	0.89	1.21	1.08	0.99	1.00
1957	1.02	1.02	0.96	1.06	0.69	0.82	0.61	0.64	0.76	1.06	1.18	1.37	0.93
1958	1.39	1.36	1.33	1.36	1.00	0.86	0.65	0.77	0.71	1.35	1.09	1.15	1.08
1959	1.37	1.04	1.12	0.96	0.63	0.66	0.79	0.72	0.66	1.05	1.23	1.08	0.94
1960	1.07	1.55	1.25	0.90	0.89	0.84	0.70	0.63	0.84	0.97	0.93	1.14	0.97
1961	1.22	1.11	1.01	1.04	0.99	0.80	0.59	0.66	1.01	1.15	1.15	1.08	0.98
1962	1.19	1.08	1.49	1.05	0.75	0.64	0.69	0.80	0.84	0.92	1.57	1.47	1.04
1963	1.08	1.23	1.13	0.91	0.89	0.71	0.64	0.66	0.99	0.98	1.32	1.09	0.97
1964	1.60	1.38	1.22	1.00	0.90	0.71	0.81	0.70	1.09	0.89	0.95	1.32	1.05
1965	1.42	1.23	0.92	0.89	0.57	0.78	0.67	0.75	0.83	1.06	1.08	0.96	0.93
1966	1.51	1.05	0.95	0.81	0.83	0.84	0.66	0.66	1.01	0.88	1.26	1.34	0.98
1967	1.12	1.33	1.04	1.07	0.97	0.67	0.68	0.69	1.20	0.95	1.10	1.38	1.02
1968	1.33	1.25	1.29	0.98	0.86	0.69	0.53	0.50	0.67	0.97	1.27	1.39	0.98
1969	1.46	1.71	1.42	1.04	1.09	0.74	0.72	0.74	0.85	1.04	1.40	1.58	1.14
1970	1.12	1.44	1.02	1.24	0.89	0.77	0.74	0.74	0.72	1.20	1.27	1.41	1.04
1971	1.21	1.33	1.26	1.07	0.93	0.63	0.69	0.75	0.82	1.15	1.07	1.21	1.01
1972	1.11	1.27	1.25	0.88	1.25	0.96	0.64	0.65	1.00	0.98	1.10	1.32	1.03
1973	1.35	1.32	1.28	1.12	0.95	0.80	0.77	0.61	0.80	0.95	1.17	1.57	1.06
1974	0.90	1.24	1.19	1.09	0.85	0.80	0.56	0.59	0.79	0.86	1.14	1.44	0.95
1975	1.30	1.10	1.44	1.13	0.73	0.76	0.88	0.51	0.91	1.04	1.14	1.48	1.03
MEAN	1.27	1.25	1.18	1.03	0.87	0.77	0.69	0.67	0.87	1.03	1.17	1.29	

STATION: 71

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	5411 9	39 918	38 910	31 7 6	17 619	16 714	19 718	17 711	431010	27 7 8	27 719	29 631	5411 9
1957	29 7 5	26 7 8	35 7 5	28 915	15 610	22 719	12 423	15 513	14 5 7	41 910	31 7 8	37 8 4	41 910
1958	32 8 9	31 7 5	491210	32 7 3	24 6 3	191112	12 424	20 618	181016	38 910	32 811	411010	491210
1959	34 730	24 718	40 915	22 716	15 519	16 529	23 612	14 421	16 6 8	321012	31 916	27 715	40 915
1960	31 8 9	37 912	34 8 8	211015	19 713	161110	22 617	12 5 4	241014	3610 9	25 718	431010	431010
1961	4310 9	501111	28 912	34 810	301114	16 519	13 514	11 431	34 7 7	41 8 3	25 913	36 917	501111
1962	32 818	23 5 0	651310	26 718	17 618	12 423	15 816	18 531	29 7 5	23 912	421112	401010	651310
1963	30 630	27 711	29 819	22 716	21 816	21 814	22 717	26 818	261010	28 632	381013	26 817	381013
1964	611210	35 7 3	36 919	31 818	191312	15 531	19 6 6	25 716	321112	24 914	33 817	351016	611210
1965	4310 9	401013	21 611	241010	11 519	25 7 8	17 619	17 619	19 717	30 718	27 718	24 719	4310 9
1966	451012	30 814	28 716	21 610	16 719	24 913	16 5 3	16 619	31 910	22 530	381112	35 9 9	451012
1967	29 817	38 8 4	27 810	33 8 7	281010	15 518	12 420	17 619	31 913	28 719	22 533	381012	381012
1968	401112	441212	40 9 9	34 819	271012	14 511	11 518	13 618	18 812	26 717	38 9 9	36 916	441212
1969	391211	38 733	431110	28 817	28 819	14 9 9	18 6 7	15 716	201011	23 6 4	471213	40 912	471213
1970	30 719	471414	28 716	34 916	161015	14 431	18 618	29 7 3	24 719	26 7 7	291113	431012	471414
1971	29 718	31 914	36 912	471112	24 819	13 516	15 714	23 915	191013	29 811	431011	31 819	471112
1972	30 819	32 910	29 819	28 7 4	23 6 4	25 912	14 618	20 619	30 7 4	26 912	32 816	28 810	32 816
1973	33 917	32 917	35 819	29 810	27 815	17 714	17 619	14 716	24 717	331011	33 918	35 913	35 913
1974	24 717	32 819	331010	32 819	23 615	15 710	12 432	17 6 4	20 719	22 719	3111 9	601211	601211
1975	40 918	34 817	531114	35 7 3	15 6 8	34 7 6	441310	13 528	25 813	22 7 7	391010	46 9 6	531114
MAX	611210	501111	651310	471112	301114	34 7 6	441310	29 7 3	431010	41 8 3	471213	601211	

MAX Hmo(m): 6.5 MAX Tp(sec): 13. MAX Dp(deg): 97. DATE(gmt): 62030703

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 330. DATE(gmt): 69021015

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.25 N, LONG: 73.75 W, DEPTH: 27 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 72

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	398	413	455	498	609	469	783	837	608	449	519	437	6475
0.50 - 0.99	1557	1335	1616	1971	2519	3182	3346	3363	2695	2225	1531	1475	26815
1.00 - 1.49	1269	1152	1437	1286	1297	899	690	607	941	1302	1213	1176	13269
1.50 - 1.99	856	826	822	622	406	201	118	122	347	607	873	913	6713
2.00 - 2.49	410	451	329	279	90	44	15	25	108	227	384	503	2865
2.50 - 2.99	271	206	155	86	33	5	3	6	76	87	170	215	1313
3.00 - 3.49	116	87	76	40	6	.	5	.	21	48	60	154	613
3.50 - 3.99	50	29	36	13	.	.	.	.	4	14	38	57	241
4.00 - 4.49	23	10	15	3	.	.	.	.	.	1	10	18	80
4.50 - 4.99	6	9	7	2	.	.	.	.	.	.	2	6	32
5.00 - 5.49	2	1	7	.	.	.	.	.	.	.	.	3	13
5.50 - 5.99	1	1	4	.	.	.	.	.	.	.	.	.	6
6.00 - 6.49	1	.	.	.	.	.	.	.	.	.	.	3	4
6.50 - 6.99	.	.	1	.	.	.	.	.	.	.	.	.	1
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 72

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	399	421	472	550	434	387	517	511	326	400	436	379	5232
4.0 - 4.9	1207	983	1174	1068	835	799	720	884	922	1036	1005	936	11569
5.0 - 5.9	1141	1085	1178	828	813	755	672	561	706	902	1087	1101	10829
6.0 - 6.9	550	580	501	489	597	877	582	752	440	519	551	538	6976
7.0 - 7.9	236	246	376	379	692	993	1144	1100	853	625	343	358	7345
8.0 - 8.9	337	304	363	428	782	620	786	689	793	764	370	293	6529
9.0 - 9.9	449	293	378	476	559	255	398	304	419	381	441	390	4743
10.0 - 10.9	276	213	247	327	174	74	103	85	185	173	288	496	2641
11.0 - 11.9	227	186	152	168	47	29	15	53	113	96	165	295	1546
12.0 - 12.9	81	133	75	53	14	10	6	17	28	33	67	141	658
13.0 - 13.9	44	68	32	26	6	1	7	3	13	24	28	28	280
14.0 - 14.9	13	8	7	6	7	.	10	1	2	7	12	5	78
15.0 - 15.9	.	.	4	2	.	.	.	.	.	.	7	.	13
16.0 - 16.9	.	.	1	.	.	.	.	.	.	.	.	.	1
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 72

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	276	225	258	244	129	68	62	119	174	190	211	221	2177
11.25 - 33.74 (22.5)	135	165	107	88	61	47	21	102	123	123	110	87	1169
33.75 - 56.24 (45.0)	78	118	66	46	52	30	10	60	86	122	65	79	812
56.25 - 78.74 (67.5)	92	120	119	52	81	34	18	37	120	133	109	95	1010
78.75 - 101.24 (90.0)	210	281	288	194	235	146	108	132	484	470	372	257	3177
101.25 - 123.74 (112.5)	570	473	491	599	755	427	558	689	1202	1024	704	832	8324
123.75 - 146.24 (135.0)	601	496	613	574	1051	1190	1273	1187	1046	736	542	541	9850
146.25 - 168.74 (157.5)	370	577	702	807	787	838	771	848	336	498	455	546	7535
168.75 - 191.24 (180.0)	403	291	413	633	685	880	905	695	296	257	389	408	6255
191.25 - 213.74 (202.5)	194	162	188	217	239	285	239	213	168	153	252	183	2493
213.75 - 236.24 (225.0)	148	110	134	183	220	226	256	218	158	152	199	184	2188
236.25 - 258.74 (247.5)	127	103	104	111	139	138	152	161	85	150	106	92	1468
258.75 - 281.24 (270.0)	343	233	245	288	194	224	280	208	145	252	316	276	3004
281.25 - 303.74 (292.5)	350	401	355	263	128	148	135	112	112	209	340	332	2885
303.75 - 326.24 (315.0)	573	400	494	273	98	64	92	81	110	265	323	449	3222
326.25 - 348.74 (337.5)	490	365	383	228	106	55	80	98	155	226	307	378	2871
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.25 N, LONG: 73.75 W, DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 72 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1698	4	.	.	.	.	.	.	.	.	1702
1.00 - 1.99	577	1292	.	.	.	.	.	.	.	.	1869
2.00 - 2.99	.	450	8	.	.	.	.	.	.	.	458
3.00 - 3.99	.	16	61	.	.	.	.	.	.	.	77
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2275	1762	69	0	0	0	0	0	0	0	4106

STATION: 72 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	588	50	2	.	.	.	.	.	.	.	640
1.00 - 1.99	87	727	.	.	.	.	.	.	.	.	814
2.00 - 2.99	.	274	15	.	.	.	.	.	.	.	289
3.00 - 3.99	.	6	61	.	.	.	.	.	.	.	67
4.00 - 4.99	.	.	16	.	.	.	.	.	.	.	16
5.00 - 5.99	.	.	3	.	.	.	.	.	.	.	3
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	675	1057	97	0	0	0	0	0	0	0	1829

STATION: 72 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	600	478	1371	925	136	12	.	.	.	.	3522
1.00 - 1.99	78	992	632	302	25	4	.	.	.	.	2033
2.00 - 2.99	.	134	282	110	9	4	.	.	.	.	539
3.00 - 3.99	.	.	84	105	17	1	.	.	.	.	207
4.00 - 4.99	.	.	7	30	10	.	.	.	.	.	47
5.00 - 5.99	.	.	1	4	6	2	.	.	.	.	13
6.00 - 6.99	.	.	.	.	2	1	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	678	1604	2377	1476	205	24	0	0	0	0	6364

STATION: 72 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1022	1509	6018	3261	918	120	10	.	.	.	12858
1.00 - 1.99	124	1380	1437	1095	610	127	4	.	.	.	4777
2.00 - 2.99	.	66	440	384	183	60	.	.	.	.	1133
3.00 - 3.99	.	.	56	140	76	16	.	.	.	.	288
4.00 - 4.99	.	.	.	17	22	6	.	.	.	.	45
5.00 - 5.99	.	.	.	1	2	.	.	.	.	.	3
6.00 - 6.99	.	.	.	.	1	1	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1146	2955	7951	4898	1812	330	14	0	0	0	19106

STATION: 72 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1651	2729	2116	505	88	2	.	.	.	.	7091
1.00 - 1.99	192	2142	711	367	73	2	.	.	.	.	3487
2.00 - 2.99	.	161	446	63	26	.	.	.	.	.	696
3.00 - 3.99	.	.	82	71	.	.	.	.	.	.	153
4.00 - 4.99	.	.	.	4	.	.	.	.	.	.	4
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1843	5032	3355	1010	187	4	0	0	0	0	11431

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.25 N LONG: 73.75 W DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 72 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1867	302	1	.	.	.	.	.	.	.	2170
1.00 - 1.99	135	1632	5	.	.	.	.	.	.	.	1772
2.00 - 2.99	.	282	1	.	.	.	.	.	.	.	283
3.00 - 3.99	.	1	10	.	.	.	.	.	.	.	11
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2002	2217	17	0	0	0	0	0	0	0	4236

STATION: 72 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3261		.	.	.	.	.	.	.	.	3261
1.00 - 1.99	1251	434	.	.	.	.	.	.	.	.	1685
2.00 - 2.99	.	148	.	.	.	.	.	.	.	.	148
3.00 - 3.99	.	4	.	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4512	586	0	0	0	0	0	0	0	0	5098

STATION: 72 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2046		.	.	.	.	.	.	.	.	2046
1.00 - 1.99	1624	1921	.	.	.	.	.	.	.	.	3545
2.00 - 2.99	.	632	.	.	.	.	.	.	.	.	632
3.00 - 3.99	.	39	8	.	.	.	.	.	.	.	47
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3670	2592	8	0	0	0	0	0	0	0	6270

STATION: 72 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	12733	5072	9508	4691	1142	134	10	.	.	.	33290
1.00 - 1.99	4068	10520	2785	1764	708	133	4	.	.	.	19982
2.00 - 2.99	.	2147	1192	557	218	64	.	.	.	.	4178
3.00 - 3.99	.	66	362	316	93	17	.	.	.	.	854
4.00 - 4.99	.	.	23	51	32	6	.	.	.	.	112
5.00 - 5.99	.	.	4	5	8	2	.	.	.	.	19
6.00 - 6.99	.	.	.	.	3	2	.	.	.	.	5
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16801	17805	13874	7384	2204	358	14	0	0	0	58440

STATION: 72

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	91	97	116	135	189	221	264	269	215	151	117	93	1958
2.50 - 4.99	1112	1072	1257	1646	2337	2683	3063	3105	2450	1867	1303	1251	23146
5.00 - 7.49	1101	937	1151	1328	1527	1389	1229	1214	1276	1343	1149	1036	14680
7.50 - 9.99	1118	1124	1351	1169	803	485	389	340	685	1034	1131	1122	10751
10.00 - 12.49	677	581	583	321	81	18	12	25	130	384	610	609	4031
12.50 - 14.99	549	536	391	151	20	4	3	7	44	157	356	568	2786
15.00 - 17.49	128	104	52	17	3	.	.	.	.	13	80	139	536
17.50 - 19.99	137	54	37	30	.	.	.	.	.	11	49	103	421
20.00 - GREATER	47	15	22	3	.	.	.	.	.	.	5	39	131
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.25 N, LONG: 73.75 W, DEPTH: 27 M

STATION: 72

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	588	558	600	514	465	300	307	527	562	549	525	564	6059
22.50 - 67.49 (45.0)	295	396	339	220	303	219	137	280	497	434	302	330	3752
67.50 - 112.49 (90.0)	221	318	376	281	282	219	113	157	387	424	278	343	3399
112.50 - 157.49 (135.0)	296	359	474	403	461	408	321	356	461	535	384	386	4844
157.50 - 202.49 (180.0)	447	344	465	697	735	838	835	679	589	472	561	487	7149
202.50 - 247.49 (225.0)	547	438	507	724	1032	1177	1317	1194	752	630	664	588	9570
247.50 - 292.49 (270.0)	1032	912	928	1030	990	1094	1345	1076	781	986	995	999	12168
292.50 - 337.49 (315.0)	1534	1195	1271	931	692	545	585	691	771	930	1091	1263	11499
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 72

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.71	1.04	1.11	1.02	0.76	0.83	0.76	0.75	0.88	1.15	1.12	1.01	1.01
1957	1.04	0.99	0.96	1.08	0.71	0.83	0.64	0.66	0.78	1.06	1.22	1.45	0.95
1958	1.39	1.38	1.32	1.37	1.01	0.88	0.67	0.79	0.74	1.34	1.12	1.17	1.10
1959	1.41	1.09	1.16	0.98	0.64	0.68	0.81	0.73	0.69	1.05	1.28	1.10	0.97
1960	1.09	1.57	1.30	0.94	0.91	0.87	0.71	0.63	0.82	0.96	0.95	1.14	0.99
1961	1.22	1.13	1.05	1.06	1.04	0.85	0.60	0.67	1.00	1.19	1.16	1.13	1.01
1962	1.23	1.11	1.48	1.10	0.73	0.67	0.71	0.82	0.84	0.95	1.56	1.48	1.06
1963	1.11	1.27	1.19	0.93	0.95	0.72	0.66	0.68	1.01	1.01	1.38	1.11	1.00
1964	1.63	1.39	1.26	1.03	0.93	0.75	0.83	0.72	1.07	0.94	1.01	1.37	1.08
1965	1.45	1.27	0.96	0.92	0.58	0.82	0.70	0.78	0.84	1.11	1.13	1.02	0.96
1966	1.58	1.09	0.97	0.82	0.88	0.87	0.68	0.68	1.03	0.90	1.23	1.38	1.01
1967	1.15	1.40	1.09	1.16	1.01	0.70	0.72	0.72	1.20	1.00	1.14	1.44	1.06
1968	1.37	1.26	1.34	0.97	0.88	0.74	0.54	0.53	0.63	1.00	1.32	1.47	1.00
1969	1.45	1.68	1.40	1.10	1.13	0.77	0.74	0.79	0.83	1.05	1.40	1.63	1.16
1970	1.15	1.47	1.05	1.22	0.92	0.80	0.76	0.76	0.73	1.18	1.22	1.48	1.06
1971	1.28	1.37	1.27	1.09	0.94	0.65	0.71	0.78	0.80	1.14	1.10	1.27	1.03
1972	1.21	1.32	1.31	0.91	1.27	1.00	0.65	0.66	1.01	1.02	1.15	1.37	1.07
1973	1.42	1.38	1.33	1.17	0.97	0.82	0.80	0.63	0.84	0.98	1.24	1.65	1.10
1974	0.95	1.33	1.27	1.18	0.88	0.83	0.61	0.60	0.81	0.89	1.23	1.47	1.00
1975	1.35	1.18	1.53	1.23	0.73	0.79	0.84	0.54	0.94	1.06	1.18	1.54	1.08
MEAN	1.31	1.29	1.22	1.06	0.89	0.79	0.71	0.70	0.87	1.05	1.21	1.33	

STATION: 72

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	4911 9	44 919	42 910	30 817	19 620	17 715	19 718	21 6 3	391010	25 7 9	30 719	30 631	4911 9
1957	31 7 8	24 6 7	34 7 7	30 814	15 520	23 719	15 522	14 513	17 521	41 8 9	29 816	36 7 3	41 8 9
1958	33 810	34 812	511110	34 736	231012	181112	15 523	19 618	21 534	37 8 9	30 811	441010	511110
1959	36 818	25 718	45 915	23 716	15 519	17 530	22 612	17 521	18 534	331012	34 916	29 913	45 915
1960	30 818	37 813	38 734	23 622	20 813	18 535	22 620	12 518	24 914	34 9 9	27 718	44 9 8	44 9 8
1961	40 7 5	551111	28 912	36 810	311114	17 524	12 514	12 617	321112	37 7 3	26 633	42 918	551111
1962	37 818	27 6 1	6813 9	27 718	17 618	15 523	16 816	18 714	27 9 9	23 912	431011	371010	6813 9
1963	31 630	28 813	32 918	23 717	21 816	20 916	23 718	27 818	24 7 7	28 635	40 910	28 716	40 910
1964	631211	33 812	401018	33 819	18 523	16 521	18 713	28 716	301113	25 814	37 818	391017	631211
1965	38 7 5	44 912	22 621	24 910	12 519	24 6 7	17 619	17 619	21 717	31 816	29 719	27 634	44 912
1966	44 911	32 815	30 716	21 610	19 621	23 814	13 616	17 619	32 910	23 530	371113	35 8 9	44 911
1967	33 818	3710 9	29 8 9	37 735	30 9 9	16 618	15 522	17 619	33 814	30 917	24 635	39 8 9	39 8 9
1968	431012	471213	42 9 9	38 919	28 912	14 522	11 519	14 618	18 812	30 816	43 9 9	38 818	471213
1969	371312	39 734	41 7 3	32 818	30 817	15 618	17 716	19 621	18 9 9	25 625	451214	40 911	451214
1970	32 818	451415	29 716	39 917	18 916	15 429	18 620	27 6 3	25 719	27 912	311114	461012	461012
1971	33 818	34 914	34 9 9	461113	25 819	14 714	15 714	22 916	17 913	31 810	48 910	35 819	48 910
1972	32 919	34 9 9	33 819	24 6 3	23 7 9	25 913	15 619	21 718	27 7 5	27 912	31 814	30 8 9	34 9 9
1973	36 918	34 917	37 820	30 813	27 815	18 714	17 521	14 717	25 717	361010	34 918	38 914	38 914
1974	26 622	33 820	35 9 8	37 918	24 714	16 815	15 524	16 5 3	21 719	25 719	37 7 1	641212	641212
1975	44 919	37 817	551015	371112	17 5 1	29 6 6	341211	13 528	26 813	25 6 1	35 9 9	45 8 5	551015
MAX	631211	551111	6813 9	461113	311114	29 6 6	341211	28 716	391010	41 8 9	48 910	641212	

MAX Hmo(m): 6.8 MAX Tp(sec): 13. MAX Dp(deg): 94. DATE(gmt): 62030700

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 330. DATE(gmt): 69021015

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.75 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 73

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	493	505	564	625	766	624	959	1082	792	557	642	525	8134
0.50 - 0.99	1666	1426	1694	2059	2572	3214	3292	3288	2741	2328	1593	1567	27440
1.00 - 1.49	1288	1250	1472	1277	1227	784	628	483	884	1358	1302	1228	13181
1.50 - 1.99	811	745	766	544	318	150	69	90	245	484	752	833	5807
2.00 - 2.49	386	394	263	208	59	28	9	16	86	151	329	484	2413
2.50 - 2.99	205	133	123	64	15	.	3	1	47	66	119	182	958
3.00 - 3.49	85	38	39	15	3	.	.	.	5	15	43	105	348
3.50 - 3.99	20	17	23	8	.	.	.	.	.	1	17	24	110
4.00 - 4.49	5	8	8	.	.	.	.	.	.	.	3	6	30
4.50 - 4.99	.	4	6	.	.	.	.	.	.	.	.	2	12
5.00 - 5.49	1	.	1	.	.	.	.	.	.	.	.	2	4
5.50 - 5.99	.	.	1	.	.	.	.	.	.	.	.	2	3
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 73

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	521	500	609	666	532	511	654	723	507	575	579	478	6855
4.0 - 4.9	1310	1131	1270	1148	987	912	807	877	1053	1151	1137	1052	12835
5.0 - 5.9	998	963	951	646	580	576	543	409	509	728	902	928	8733
6.0 - 6.9	420	391	410	418	616	919	610	796	428	402	466	427	6303
7.0 - 7.9	180	229	357	357	610	905	1039	1020	756	569	317	341	6680
8.0 - 8.9	326	316	353	426	736	559	749	644	705	694	322	255	6085
9.0 - 9.9	444	306	383	481	595	284	398	310	433	408	419	417	4878
10.0 - 10.9	328	237	286	372	208	84	116	101	217	244	301	539	3033
11.0 - 11.9	257	211	188	192	65	37	19	53	137	119	229	333	1840
12.0 - 12.9	109	157	99	60	15	13	7	21	42	38	77	157	795
13.0 - 13.9	49	72	29	26	9	.	8	5	12	26	30	27	293
14.0 - 14.9	14	7	8	3	7	.	10	1	1	5	10	6	72
15.0 - 15.9	4	.	4	5	.	.	.	.	.	1	8	.	22
16.0 - 16.9	.	.	11	.	.	.	.	.	.	.	1	.	12
17.0 - 17.9	.	.	1	.	.	.	.	.	.	.	2	.	3
18.0 - 18.9	.	.	1	.	.	.	.	.	.	.	.	.	1
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 73

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	189	189	197	200	89	68	54	96	130	159	178	155	1704
11.25 - 33.74 (22.5)	103	119	64	63	53	35	17	71	114	86	93	67	885
33.75 - 56.24 (45.0)	67	102	56	34	39	23	10	55	60	85	54	68	653
56.25 - 78.74 (67.5)	64	99	85	46	55	25	12	34	105	124	82	66	797
78.75 - 101.24 (90.0)	144	211	197	105	146	90	47	65	229	302	201	159	1896
101.25 - 123.74 (112.5)	421	421	429	489	514	249	317	346	1082	790	625	760	6443
123.75 - 146.24 (135.0)	812	623	790	760	1304	1351	1460	1492	1329	1089	743	683	12436
146.25 - 168.74 (157.5)	521	716	873	984	1001	974	927	992	472	617	569	736	9382
168.75 - 191.24 (180.0)	457	336	462	649	682	879	915	713	320	304	503	462	6682
191.25 - 213.74 (202.5)	169	118	152	172	211	275	252	203	164	144	211	130	2201
213.75 - 236.24 (225.0)	113	80	93	114	179	161	152	200	127	116	123	131	1589
236.25 - 258.74 (247.5)	112	109	95	122	124	151	172	144	92	148	116	108	1493
258.75 - 281.24 (270.0)	365	251	266	315	226	247	299	230	157	285	358	309	3308
281.25 - 303.74 (292.5)	441	460	407	294	138	165	164	133	146	254	385	374	3361
303.75 - 326.24 (315.0)	556	380	466	251	112	66	89	84	131	252	309	431	3127
326.25 - 348.74 (337.5)	426	306	328	202	87	41	73	102	142	205	250	321	2483
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.75 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 73 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1884	.	.	.	.	.	.	.	.	.	1884
1.00 - 1.99	845	415	.	.	.	.	.	.	.	.	1260
2.00 - 2.99	.	169	.	.	.	.	.	.	.	.	169
3.00 - 3.99	.	5	3	.	.	.	.	.	.	.	8
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2729	589	3	0	0	0	0	0	0	0	3321

STATION: 73 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	664	3	10	7	.	.	.	.	.	.	684
1.00 - 1.99	424	229	.	.	.	.	.	.	.	.	653
2.00 - 2.99	.	107	.	.	.	.	.	.	.	.	107
3.00 - 3.99	.	9	.	.	.	.	.	.	.	.	9
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1088	348	10	7	0	0	0	0	0	0	1453

STATION: 73 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	669	452	575	415	102	2	.	.	.	.	2215
1.00 - 1.99	154	746	268	87	18	1	.	.	.	.	1274
2.00 - 2.99	.	96	178	31	4	1	.	.	.	.	310
3.00 - 3.99	.	1	34	20	3	1	.	.	.	.	59
4.00 - 4.99	.	.	.	7	3	1	.	.	.	.	11
5.00 - 5.99	.	.	.	.	3	.	.	.	.	.	3
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	823	1295	1055	560	133	6	0	0	0	0	3872

STATION: 73 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1189	1817	6319	4150	1231	141	14	2	.	.	14863
1.00 - 1.99	135	1529	1447	1329	663	145	10	2	.	.	5260
2.00 - 2.99	.	73	387	500	263	40	6	.	.	.	1269
3.00 - 3.99	.	.	40	122	77	21	4	.	.	.	264
4.00 - 4.99	.	.	.	6	17	6	.	.	.	.	29
5.00 - 5.99	.	.	.	.	3	1	.	.	.	.	4
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1324	3419	8193	6107	2254	354	34	4	0	0	21689

STATION: 73 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1987	3066	2238	635	116	3	.	.	.	.	8045
1.00 - 1.99	247	2479	770	433	111	2	.	.	.	.	4042
2.00 - 2.99	.	183	443	123	21	.	.	.	.	.	770
3.00 - 3.99	.	.	45	44	.	.	.	.	.	.	89
4.00 - 4.99	.	.	.	2	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2234	5728	3496	1237	248	5	0	0	0	0	12948

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.75 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 73 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2044	72	.	.	.	.	.	.	.	.	2116
1.00 - 1.99	734	255	.	.	.	.	.	.	.	.	989
2.00 - 2.99	.	35	.	.	.	.	.	.	.	.	35
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2778	362	0	0	0	0	0	0	0	0	3140

STATION: 73 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3653	.	.	.	.	.	.	.	.	.	3653
1.00 - 1.99	1391	598	.	.	.	.	.	.	.	.	1989
2.00 - 2.99	.	160	.	.	.	.	.	.	.	.	160
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5044	761	0	0	0	0	0	0	0	0	5805

STATION: 73 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2114	.	.	.	.	.	.	.	.	.	2114
1.00 - 1.99	1556	1965	.	.	.	.	.	.	.	.	3521
2.00 - 2.99	.	551	.	.	.	.	.	.	.	.	551
3.00 - 3.99	.	18	8	.	.	.	.	.	.	.	26
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3670	2534	8	0	0	0	0	0	0	0	6212

STATION: 73 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	14204	5410	9142	5207	1449	146	14	2	.	.	35574
1.00 - 1.99	5486	8216	2485	1849	792	148	10	2	.	.	18988
2.00 - 2.99	.	1374	1008	654	288	41	6	.	.	.	3371
3.00 - 3.99	.	36	130	186	80	22	4	.	.	.	458
4.00 - 4.99	.	.	.	15	20	7	.	.	.	.	42
5.00 - 5.99	.	.	.	.	6	1	.	.	.	.	7
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	19690	15036	12765	7911	2635	365	34	4	0	0	58440

STATION: 73

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	111	112	133	144	222	281	302	321	266	182	131	110	2315
2.50 - 4.99	1125	1112	1280	1725	2337	2668	3056	3107	2439	1901	1350	1276	23376
5.00 - 7.49	1092	918	1147	1275	1501	1358	1201	1150	1264	1319	1101	1018	14344
7.50 - 9.99	1083	1093	1317	1147	796	473	392	351	658	1001	1104	1072	10487
10.00 - 12.49	685	577	577	322	79	18	9	24	129	369	610	626	4025
12.50 - 14.99	553	534	398	138	23	2	.	7	44	162	364	578	2803
15.00 - 17.49	127	106	48	16	2	.	.	.	.	14	88	133	534
17.50 - 19.99	132	53	39	29	.	.	.	.	.	12	47	105	417
20.00 - GREATER	52	15	21	4	.	.	.	.	.	.	5	42	139
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.75 W, DEPTH: 18 M

STATION: 73

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	584	570	617	535	461	301	293	526	567	530	535	589	6108
22.50 - 67.49 (45.0)	296	389	340	236	285	211	143	250	447	430	297	326	3650
67.50 - 112.49 (90.0)	229	304	362	254	272	192	86	152	369	381	280	336	3217
112.50 - 157.49 (135.0)	281	363	478	421	455	386	317	334	461	529	375	388	4788
157.50 - 202.49 (180.0)	459	350	476	705	775	881	843	706	633	519	593	495	7435
202.50 - 247.49 (225.0)	550	444	497	700	991	1152	1281	1177	733	644	675	584	9428
247.50 - 292.49 (270.0)	1026	904	906	1021	984	1113	1364	1087	796	978	979	981	12139
292.50 - 337.49 (315.0)	1535	1196	1284	928	737	564	633	728	794	949	1066	1261	11675
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 73

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.47	0.98	1.01	0.94	0.70	0.79	0.72	0.68	0.77	0.99	1.04	0.95	0.92
1957	0.97	0.88	0.87	1.03	0.67	0.78	0.59	0.60	0.73	0.96	1.13	1.33	0.88
1958	1.31	1.31	1.19	1.27	0.95	0.83	0.63	0.74	0.69	1.22	1.07	1.06	1.02
1959	1.35	1.02	1.09	0.89	0.60	0.64	0.77	0.67	0.62	0.98	1.18	1.00	0.90
1960	1.03	1.47	1.21	0.88	0.87	0.80	0.68	0.58	0.76	0.87	0.90	1.07	0.93
1961	1.12	1.04	0.98	0.99	0.98	0.79	0.56	0.63	0.88	1.05	1.11	1.07	0.93
1962	1.12	1.00	1.30	1.04	0.70	0.62	0.66	0.77	0.78	0.89	1.37	1.33	0.96
1963	1.01	1.17	1.13	0.90	0.89	0.69	0.64	0.64	0.87	0.90	1.30	1.08	0.93
1964	1.50	1.31	1.18	0.97	0.85	0.71	0.78	0.69	0.97	0.85	0.93	1.26	1.00
1965	1.33	1.20	0.89	0.85	0.54	0.74	0.67	0.76	0.79	1.03	1.05	0.96	0.90
1966	1.45	1.03	0.92	0.76	0.84	0.81	0.64	0.64	0.96	0.84	1.12	1.24	0.94
1967	1.08	1.24	0.97	1.03	0.90	0.66	0.68	0.68	1.07	0.93	1.08	1.34	0.97
1968	1.26	1.16	1.25	0.90	0.83	0.72	0.53	0.50	0.60	0.96	1.23	1.39	0.94
1969	1.32	1.41	1.28	1.03	1.06	0.74	0.71	0.72	0.74	0.92	1.27	1.51	1.06
1970	1.06	1.38	0.98	1.11	0.87	0.75	0.72	0.71	0.70	1.07	1.13	1.39	0.99
1971	1.18	1.32	1.19	1.02	0.88	0.61	0.68	0.73	0.75	1.04	1.01	1.18	0.96
1972	1.10	1.20	1.24	0.82	1.17	0.96	0.63	0.60	0.88	0.92	1.02	1.27	0.98
1973	1.33	1.18	1.22	1.09	0.92	0.78	0.75	0.59	0.80	0.91	1.17	1.51	1.02
1974	0.87	1.16	1.19	1.09	0.83	0.79	0.57	0.56	0.74	0.84	1.10	1.36	0.92
1975	1.20	1.07	1.37	1.06	0.69	0.74	0.77	0.52	0.87	0.96	1.08	1.36	0.98
MEAN	1.20	1.18	1.12	0.98	0.84	0.75	0.67	0.65	0.80	0.96	1.11	1.23	

STATION: 73

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	391312	40 918	37 910	28 816	17 619	16 715	19 717	16 812	31 7 8	22 6 8	28 719	29 631	40 918
1957	27 7 9	22 530	26 6 7	28 815	15 611	22 719	13 422	14 512	15 520	35 8 9	27 716	28 716	35 8 9
1958	31 812	31 812	401112	281013	211013	171112	13 423	18 618	171017	31 8 9	26 810	39 910	401112
1959	34 817	23 718	40 916	20 716	15 519	16 530	19 816	15 520	14 614	321013	31 917	25 716	40 916
1960	26 818	34 813	29 635	221015	18 814	15 619	19 618	13 518	221015	251011	27 718	37 8 9	37 8 9
1961	33 8 9	491111	25 913	30 8 9	301114	16 519	12 514	11 431	281114	27 6 3	26 816	39 918	491111
1962	34 818	22 5 1	5712 9	25 717	17 617	13 423	14 816	17 917	201012	22 531	361113	33 732	5712 9
1963	31 630	26 711	29 917	21 716	20 816	19 916	22 718	24 719	21 7 8	27 632	39 911	27 716	39 911
1964	501213	29 812	361017	31 818	171313	16 531	18 713	27 716	281114	22 915	34 817	351017	501213
1965	31 912	391114	19 612	24 716	12 520	19 812	17 618	17 619	22 717	30 816	28 719	26 718	391114
1966	401012	31 815	28 716	20 610	17 619	23 7 9	12 434	16 519	29 911	23 531	361114	30 630	401012
1967	31 817	27 6 3	27 810	27 636	22 536	16 518	13 521	17 619	32 814	26 817	23 716	36 8 9	36 8 9
1968	401012	371314	351012	36 918	26 913	14 512	11 516	15 618	17 813	29 719	34 810	34 817	401012
1969	321313	36 734	31 814	31 818	27 817	14 618	17 616	15 619	17 528	20 522	411214	37 911	411214
1970	31 818	451315	27 716	37 917	19 619	14 431	17 618	21 5 3	24 718	251013	271114	421012	451315
1971	31 718	31 915	32 628	391214	24 818	14 714	14 714	21 916	16 914	28 811	43 910	33 918	43 910
1972	29 918	31 8 9	31 818	18 533	211015	241014	15 519	20 717	21 532	24 913	29 719	27 816	31 818
1973	33 918	31 917	35 819	28 813	25 816	17 714	17 619	13 716	26 717	33 911	31 918	36 917	36 917
1974	26 718	31 819	32 9 8	37 918	24 714	16 815	13 532	15 520	21 718	25 717	27 632	561211	561211
1975	40 918	35 817	491215	31 917	16 514	22 913	271312	13 527	25 813	21 613	281013	391012	491215
MAX	501213	491111	5712 9	391214	301114	241014	271312	27 716	32 814	35 8 9	43 910	561211	

MAX Hmo(m): 5.7 MAX Tp(sec): 12. MAX Dp(deg): 86. DATE(gmt): 62030700

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 335. DATE(gmt): 69021015

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.50 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 74

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	443	445	479	515	684	503	782	936	718	509	583	482	7079
0.50 - 0.99	1469	1273	1582	1920	2372	3032	3196	3215	2648	2174	1440	1408	25729
1.00 - 1.49	1242	1206	1400	1269	1376	1014	842	658	971	1328	1186	1155	13647
1.50 - 1.99	890	804	848	690	421	217	121	119	293	618	875	888	6784
2.00 - 2.49	495	463	383	275	83	32	15	28	107	222	451	555	3109
2.50 - 2.99	258	231	168	97	19	2	4	4	56	86	181	283	1389
3.00 - 3.49	110	61	52	25	5	.	.	.	7	23	51	140	474
3.50 - 3.99	47	22	25	6	.	.	.	.	.	.	29	35	164
4.00 - 4.49	3	8	14	3	.	.	.	.	.	.	4	7	39
4.50 - 4.99	2	6	6	.	.	.	.	.	.	.	.	3	17
5.00 - 5.49	1	1	2	.	.	.	.	.	.	.	.	2	6
5.50 - 5.99	.	.	1	.	.	.	.	.	.	.	.	2	3
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 74

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	368	370	439	431	340	240	303	456	359	373	426	335	4440
4.0 - 4.9	1162	1042	1172	1106	951	955	957	1046	1101	1102	960	928	12482
5.0 - 5.9	1189	1040	1101	872	763	806	728	527	641	942	1087	1049	10745
6.0 - 6.9	562	570	556	500	701	948	660	813	476	475	637	622	7520
7.0 - 7.9	270	279	381	393	663	933	1083	1031	730	586	349	397	7095
8.0 - 8.9	303	301	369	445	683	524	723	644	699	662	329	252	5934
9.0 - 9.9	422	302	373	475	586	259	359	275	418	412	378	375	4634
10.0 - 10.9	289	222	256	335	187	89	104	95	194	229	296	510	2806
11.0 - 11.9	232	194	182	159	52	32	18	49	125	117	214	324	1698
12.0 - 12.9	98	127	85	53	21	13	8	18	43	34	74	139	713
13.0 - 13.9	50	65	26	24	8	1	7	6	13	24	31	24	279
14.0 - 14.9	14	8	6	6	5	.	10	.	1	3	9	5	67
15.0 - 15.9	1	.	5	1	.	.	.	.	.	1	9	.	17
16.0 - 16.9	.	.	9	.	.	.	.	.	.	.	1	.	10
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 74

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	158	162	159	165	76	54	45	91	117	145	159	124	1455
11.25 - 33.74 (22.5)	87	100	58	54	42	33	15	66	101	78	85	57	776
33.75 - 56.24 (45.0)	66	103	56	30	32	19	11	47	58	84	45	61	612
56.25 - 78.74 (67.5)	78	103	99	43	57	26	10	40	99	120	83	70	828
78.75 - 101.24 (90.0)	131	204	191	107	141	79	44	66	245	308	199	153	1868
101.25 - 123.74 (112.5)	337	335	364	395	411	196	260	266	907	681	493	584	5229
123.75 - 146.24 (135.0)	725	535	675	668	1180	1206	1308	1400	1320	1015	726	636	11394
146.25 - 168.74 (157.5)	428	635	711	789	855	840	774	809	497	613	532	682	8165
168.75 - 191.24 (180.0)	516	421	618	848	925	1099	1195	940	362	344	478	526	8272
191.25 - 213.74 (202.5)	237	187	199	256	261	323	281	249	199	186	287	235	2900
213.75 - 236.24 (225.0)	155	107	137	171	224	208	192	235	175	136	196	162	2098
236.25 - 258.74 (247.5)	166	151	138	141	173	192	222	210	126	186	151	171	2027
258.75 - 281.24 (270.0)	451	326	346	388	256	281	304	236	178	338	432	373	3909
281.25 - 303.74 (292.5)	555	547	498	337	134	161	154	145	157	320	429	450	3887
303.75 - 326.24 (315.0)	572	358	441	245	125	59	81	73	146	255	310	432	3097
326.25 - 348.74 (337.5)	298	246	270	163	68	24	64	87	113	151	195	244	1923
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.50 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 74 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1585	.	.	.	.	.	.	.	.	.	1585
1.00 - 1.99	756	261	.	.	.	.	.	.	.	.	1017
2.00 - 2.99	.	127	.	.	.	.	.	.	.	.	127
3.00 - 3.99	.	7	1	.	.	.	.	.	.	.	8
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2341	395	1	0	0	0	0	0	0	0	2737

STATION: 74 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	573	6	19	10	.	.	.	.	.	.	608
1.00 - 1.99	423	188	5	2	.	.	.	.	.	.	618
2.00 - 2.99	.	114	.	.	.	.	.	.	.	.	114
3.00 - 3.99	.	9	1	.	.	.	.	.	.	.	10
4.00 - 4.99	.	.	1	.	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	996	317	26	12	0	0	0	0	0	0	1351

STATION: 74 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	643	448	502	338	94	.	.	.	.	.	2025
1.00 - 1.99	141	770	289	80	13	1	.	.	.	.	1294
2.00 - 2.99	.	89	189	40	3	2	.	.	.	.	323
3.00 - 3.99	.	.	37	18	1	.	.	.	.	.	56
4.00 - 4.99	.	.	.	7	1	.	.	.	.	.	8
5.00 - 5.99	.	.	.	.	2	.	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	784	1307	1017	483	114	3	0	0	0	0	3708

STATION: 74 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1119	1609	5547	3499	1007	123	16	.	.	.	12920
1.00 - 1.99	131	1423	1212	1140	592	131	3	.	.	.	4632
2.00 - 2.99	.	80	366	456	220	46	4	.	.	.	1172
3.00 - 3.99	.	.	44	129	89	20	3	.	.	.	285
4.00 - 4.99	.	.	.	8	26	6	1	.	.	.	41
5.00 - 5.99	.	.	.	.	5	2	.	.	.	.	7
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1250	3112	7169	5232	1939	328	27	0	0	0	19057

STATION: 74 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1745	3092	2806	784	116	2	.	.	.	.	8545
1.00 - 1.99	189	2273	1139	655	168	4	.	.	.	.	4428
2.00 - 2.99	.	143	600	189	67	3	.	.	.	.	1002
3.00 - 3.99	.	.	52	82	7	3	.	.	.	.	144
4.00 - 4.99	.	.	.	3	.	3	.	.	.	.	6
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1934	5508	4597	1713	358	15	0	0	0	0	14125

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.50 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 74 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1883	301	.	.	.	.	.	.	.	.	2184
1.00 - 1.99	101	1639	.	.	.	.	.	.	.	.	1740
2.00 - 2.99	.	300	118	.	.	.	.	.	.	.	418
3.00 - 3.99	.	.	38	.	.	.	.	.	.	.	38
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1984	2240	156	0	0	0	0	0	0	0	4380

STATION: 74 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2917	.	.	.	.	.	.	.	.	.	2917
1.00 - 1.99	1122	2137	.	.	.	.	.	.	.	.	3259
2.00 - 2.99	.	677	10	.	.	.	.	.	.	.	687
3.00 - 3.99	.	11	41	.	.	.	.	.	.	.	52
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4039	2825	51	0	0	0	0	0	0	0	6915

STATION: 74 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2024	.	.	.	.	.	.	.	.	.	2024
1.00 - 1.99	1570	1873	.	.	.	.	.	.	.	.	3443
2.00 - 2.99	.	655	.	.	.	.	.	.	.	.	655
3.00 - 3.99	.	33	12	.	.	.	.	.	.	.	45
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3594	2561	12	0	0	0	0	0	0	0	6167

STATION: 74 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	12489	5456	8874	4631	1217	125	16	.	.	.	32808
1.00 - 1.99	4433	10564	2645	1877	773	136	3	.	.	.	20431
2.00 - 2.99	.	2185	1283	685	290	51	4	.	.	.	4498
3.00 - 3.99	.	60	226	229	97	23	3	.	.	.	638
4.00 - 4.99	.	.	1	18	27	9	1	.	.	.	56
5.00 - 5.99	.	.	.	.	7	2	.	.	.	.	9
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16922	18265	13029	7440	2411	346	27	0	0	0	58440

STATION: 74

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	118	118	137	155	247	291	314	341	273	205	142	121	2462
2.50 - 4.99	1126	1112	1279	1711	2311	2645	3040	3072	2414	1880	1353	1269	23212
5.00 - 7.49	1084	918	1150	1276	1494	1354	1195	1159	1271	1311	1085	1009	14306
7.50 - 9.99	1067	1074	1291	1138	794	488	401	353	659	994	1092	1069	10420
10.00 - 12.49	686	582	583	327	89	19	10	26	135	377	616	628	4078
12.50 - 14.99	559	529	406	143	22	3	.	9	48	165	366	579	2829
15.00 - 17.49	123	114	50	16	3	.	.	.	.	15	92	135	548
17.50 - 19.99	145	58	43	30	.	.	.	.	.	13	49	106	444
20.00 - GREATER	52	15	21	4	.	.	.	.	.	.	5	44	141
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.50 W, DEPTH: 18 M

STATION: 74

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	583	567	602	530	464	301	291	517	561	527	538	584	6065
22.50 - 67.49 (45.0)	299	390	342	239	284	213	147	250	448	433	297	326	3668
67.50 - 112.49 (90.0)	224	308	361	254	275	193	90	154	368	390	282	336	3235
112.50 - 157.49 (135.0)	284	356	480	431	456	391	319	341	457	522	377	392	4806
157.50 - 202.49 (180.0)	458	353	467	689	773	877	838	698	635	510	593	486	7377
202.50 - 247.49 (225.0)	544	442	497	703	982	1141	1278	1178	731	644	668	581	9389
247.50 - 292.49 (270.0)	1031	899	911	1025	998	1113	1368	1091	800	981	976	982	12175
292.50 - 337.49 (315.0)	1537	1205	1300	929	728	571	629	731	800	953	1069	1273	11725
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 74

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.51	1.07	1.09	1.03	0.75	0.84	0.77	0.72	0.80	1.02	1.10	1.03	0.98
1957	1.04	0.95	0.91	1.12	0.73	0.81	0.67	0.63	0.76	0.99	1.23	1.49	0.94
1958	1.39	1.41	1.24	1.34	0.99	0.90	0.70	0.80	0.74	1.28	1.19	1.15	1.09
1959	1.46	1.13	1.22	0.97	0.66	0.70	0.82	0.71	0.64	1.04	1.29	1.11	0.98
1960	1.12	1.63	1.27	0.97	0.91	0.84	0.72	0.61	0.78	0.93	1.01	1.16	0.99
1961	1.23	1.10	1.04	1.11	1.06	0.86	0.61	0.66	0.92	1.13	1.14	1.19	1.00
1962	1.27	1.05	1.38	1.17	0.71	0.67	0.72	0.81	0.83	0.97	1.42	1.45	1.04
1963	1.09	1.27	1.23	0.96	0.95	0.75	0.70	0.69	0.91	0.96	1.43	1.17	1.01
1964	1.66	1.41	1.30	1.04	0.94	0.78	0.83	0.74	1.02	0.91	1.03	1.34	1.08
1965	1.44	1.30	0.96	0.90	0.59	0.80	0.72	0.81	0.82	1.13	1.15	1.06	0.97
1966	1.54	1.10	1.02	0.81	0.90	0.87	0.68	0.69	1.03	0.91	1.18	1.36	1.01
1967	1.18	1.39	1.03	1.10	0.98	0.70	0.74	0.73	1.12	1.00	1.18	1.41	1.04
1968	1.32	1.33	1.34	0.96	0.87	0.77	0.55	0.53	0.62	1.02	1.33	1.53	1.01
1969	1.41	1.48	1.37	1.10	1.13	0.77	0.75	0.80	0.78	1.00	1.34	1.58	1.12
1970	1.13	1.52	1.08	1.18	0.92	0.80	0.77	0.76	0.75	1.11	1.18	1.46	1.05
1971	1.32	1.44	1.33	1.10	0.94	0.65	0.74	0.80	0.76	1.08	1.07	1.26	1.04
1972	1.21	1.28	1.30	0.87	1.22	1.02	0.68	0.65	0.92	0.97	1.07	1.35	1.05
1973	1.49	1.23	1.29	1.23	1.00	0.85	0.82	0.64	0.86	1.01	1.38	1.63	1.12
1974	0.94	1.23	1.29	1.23	0.88	0.82	0.64	0.59	0.78	0.90	1.22	1.44	0.99
1975	1.29	1.17	1.42	1.14	0.70	0.81	0.83	0.54	0.90	1.02	1.19	1.45	1.04
MEAN	1.30	1.28	1.21	1.07	0.89	0.80	0.72	0.69	0.84	1.02	1.21	1.33	

STATION: 74

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	411212	40 919	37 8 9	291116	20 621	17 715	19 620	16 811	32 7 8	22 6 8	28 719	31 631	411212
1957	27 7 9	26 629	27 6 7	291116	15 620	22 719	14 524	14 512	19 622	34 8 9	27 717	31 722	34 8 9
1958	30 812	33 913	421112	291014	221013	18 618	15 622	18 718	181017	31 8 9	26 810	391012	421112
1959	35 918	27 721	41 916	21 716	15 519	16 530	21 816	19 620	15 622	331014	31 917	31 724	41 916
1960	26 629	34 814	31 634	26 720	19 814	16 528	22 623	12 519	231016	261011	27 719	37 911	37 911
1961	34 8 9	501112	26 914	31 8 9	341215	19 622	12 514	12 718	281113	29 6 3	26 817	39 919	501112
1962	37 918	23 5 1	5912 8	261116	17 617	15 622	16 527	18 917	201012	25 721	37 710	381018	5912 8
1963	37 729	26 711	30 918	24 627	21 622	19 916	24 717	26 818	22 7 8	27 631	39 912	27 629	39 912
1964	521213	29 813	371018	31 819	19 623	17 531	19 713	27 717	281114	22 814	34 818	371017	521213
1965	31 912	411013	24 719	23 717	13 519	20 813	17 619	18 718	22 717	30 817	32 722	27 721	411013
1966	391013	31 815	27 626	20 610	21 621	23 710	13 433	16 519	30 911	24 717	391314	33 728	391314
1967	31 818	33 723	27 810	27 636	23 536	16 518	15 621	17 620	32 914	32 724	26 728	36 8 9	36 8 9
1968	401013	391214	38 911	36 919	27 913	14 621	11 516	15 525	18 712	29 721	34 810	34 818	401013
1969	321313	37 733	321213	31 819	26 818	14 618	17 616	20 623	171013	27 722	421215	37 911	421215
1970	31 722	481416	27 716	38 918	19 619	15 716	17 717	22 813	25 718	261013	281114	431012	481416
1971	34 729	331315	39 728	411114	24 819	14 814	15 714	22 917	16 914	28 811	43 910	32 919	43 910
1972	31 919	31 9 9	31 819	19 532	22 6 8	26 914	16 619	20 718	21 5 3	24 913	30 819	27 816	31 819
1973	33 918	32 917	351018	29 813	26 716	17 715	17 620	15 717	25 718	33 912	31 721	351116	351116
1974	28 720	31 820	32 9 8	38 918	23 714	17 815	17 623	19 621	24 628	26 819	28 632	571313	571313
1975	40 919	37 822	501115	32 722	16 514	23 5 7	281312	16 526	30 720	21 613	31 721	411013	501115
MAX	521213	501112	5912 8	411114	341215	26 914	281312	27 717	32 914	34 8 9	43 910	571313	

MAX Hmo(m): 5.9 MAX Tp(sec): 12. MAX Dp(deg): 83. DATE(gmt): 62030700

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 335. DATE(gmt): 69021015

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N LONG: 73.25 W DEPTH: 24 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 75

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	383	385	406	427	572	387	615	772	603	456	508	425	5939
0.50 - 0.99	1430	1252	1530	1855	2305	2929	3217	3256	2661	2107	1436	1370	25348
1.00 - 1.49	1197	1104	1323	1249	1394	1159	914	715	979	1280	1112	1108	13534
1.50 - 1.99	787	794	872	699	521	282	190	173	345	665	809	809	6946
2.00 - 2.49	584	494	436	361	135	37	17	37	121	274	531	594	3621
2.50 - 2.99	327	281	234	140	27	6	5	7	68	131	253	336	1815
3.00 - 3.49	144	142	93	46	3	.	2	.	22	42	96	203	793
3.50 - 3.99	73	40	29	12	3	.	.	.	1	5	39	81	283
4.00 - 4.49	31	17	17	11	.	.	.	.	.	.	15	22	113
4.50 - 4.99	2	9	14	.	.	.	.	.	.	.	1	7	33
5.00 - 5.49	1	1	3	.	.	.	.	.	.	.	.	2	7
5.50 - 5.99	1	1	2	.	.	.	.	.	.	.	.	1	5
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	2	2
6.50 - 6.99	.	.	1	.	.	.	.	.	.	.	.	.	1
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 75

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	295	305	366	355	271	182	214	380	292	304	354	281	3599
4.0 - 4.9	1003	848	1049	874	748	746	761	908	953	900	791	790	10371
5.0 - 5.9	1068	973	993	899	826	910	824	622	638	859	933	924	10469
6.0 - 6.9	699	626	627	586	743	988	713	819	537	638	752	671	8399
7.0 - 7.9	367	430	512	524	825	1052	1231	1155	798	693	474	532	8593
8.0 - 8.9	393	383	471	520	763	574	736	653	793	755	391	383	6815
9.0 - 9.9	478	339	388	476	536	226	339	273	441	439	457	408	4800
10.0 - 10.9	306	238	282	350	167	80	101	79	187	213	333	515	2851
11.0 - 11.9	207	196	160	146	52	27	18	50	113	98	211	323	1601
12.0 - 12.9	93	120	74	40	15	15	11	14	36	35	53	111	617
13.0 - 13.9	40	56	25	24	8	.	6	7	12	22	33	19	252
14.0 - 14.9	9	6	2	3	6	.	6	.	.	2	9	3	46
15.0 - 15.9	2	.	5	3	.	.	.	.	.	2	8	.	20
16.0 - 16.9	.	.	6	.	.	.	.	.	.	.	.	.	6
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	1	.	1
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 75

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	141	131	135	140	64	48	33	82	104	127	132	105	1242
11.25 - 33.74 (22.5)	70	86	50	45	32	23	14	61	89	59	67	47	643
33.75 - 56.24 (45.0)	56	64	48	25	27	18	6	45	41	62	34	45	471
56.25 - 78.74 (67.5)	84	114	93	43	50	21	8	38	103	119	87	81	841
78.75 - 101.24 (90.0)	192	310	282	169	184	94	84	102	412	440	329	213	2811
101.25 - 123.74 (112.5)	399	349	390	458	511	266	346	376	983	781	589	720	6168
123.75 - 146.24 (135.0)	623	450	564	535	1032	1083	1150	1256	1124	857	578	457	9709
146.25 - 168.74 (157.5)	381	541	595	616	742	753	620	690	457	561	468	614	7038
168.75 - 191.24 (180.0)	574	586	768	1048	1080	1244	1412	1066	378	405	542	640	9743
191.25 - 213.74 (202.5)	248	202	239	314	293	333	311	287	219	200	306	245	3197
213.75 - 236.24 (225.0)	192	123	169	185	222	224	206	232	181	151	221	184	2290
236.25 - 258.74 (247.5)	210	169	181	176	182	209	223	233	151	196	195	191	2316
258.75 - 281.24 (270.0)	450	368	334	381	252	266	297	220	173	360	406	402	3909
281.25 - 303.74 (292.5)	548	475	477	303	133	143	137	126	157	279	396	414	3588
303.75 - 326.24 (315.0)	539	351	406	218	101	57	65	72	132	237	283	406	2867
326.25 - 348.74 (337.5)	253	201	229	144	55	18	48	74	96	126	167	196	1607
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.25 W, DEPTH: 24 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 75 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1353	.	.	.	.	.	.	.	.	.	1353
1.00 - 1.99	655	213	.	.	.	.	.	.	.	.	868
2.00 - 2.99	.	106	.	.	.	.	.	.	.	.	106
3.00 - 3.99	.	4	1	.	.	.	.	.	.	.	5
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2008	323	1	0	0	0	0	0	0	0	2332

STATION: 75 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	485	10	24	18	.	.	.	.	.	.	537
1.00 - 1.99	316	142	5	.	.	.	.	.	.	.	463
2.00 - 2.99	.	65	.	2	.	.	.	.	.	.	67
3.00 - 3.99	.	13	2	.	.	.	.	.	.	.	15
4.00 - 4.99	.	.	1	.	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	801	230	32	20	0	0	0	0	0	0	1083

STATION: 75 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	547	467	878	633	143	3	.	.	.	.	2671
1.00 - 1.99	130	888	583	187	34	2	.	.	.	.	1824
2.00 - 2.99	.	101	323	103	8	3	3	.	.	.	541
3.00 - 3.99	.	.	65	49	14	3	3	.	.	.	131
4.00 - 4.99	.	.	4	14	4	3	2	.	.	.	27
5.00 - 5.99	.	.	.	2	2	.	.	.	.	.	4
6.00 - 6.99	.	.	.	.	2	.	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	677	1456	1853	988	207	11	8	0	0	0	5200

STATION: 75 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	938	1355	5248	2972	809	92	13	1	.	.	11428
1.00 - 1.99	130	1332	1236	1082	527	104	4	.	.	.	4415
2.00 - 2.99	.	86	411	392	179	49	1	.	.	.	1118
3.00 - 3.99	.	.	55	147	97	8	.	.	.	.	307
4.00 - 4.99	.	.	.	17	35	3	.	.	.	.	55
5.00 - 5.99	.	.	.	2	5	1	.	.	.	.	8
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1068	2773	6950	4612	1653	257	18	1	0	0	17332

STATION: 75 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1559	3023	3144	795	88	5	.	.	.	.	8614
1.00 - 1.99	188	2238	1784	806	163	4	.	.	.	.	5183
2.00 - 2.99	.	129	652	303	72	8	.	.	.	.	1164
3.00 - 3.99	.	.	117	110	30	8	.	.	.	.	265
4.00 - 4.99	.	.	1	17	5	5	.	.	.	.	28
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1747	5390	5698	2031	358	30	0	0	0	0	15254

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.25 W, DEPTH: 24 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 75 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1637	477	.	.	.	.	.	.	.	.	2114
1.00 - 1.99	94	1876	40	.	.	.	.	.	.	.	2010
2.00 - 2.99	.	166	368	.	.	.	.	.	.	.	534
3.00 - 3.99	.	1	104	.	.	.	.	.	.	.	105
4.00 - 4.99	.	.	15	.	.	.	.	.	.	.	15
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1731	2520	527	0	0	0	0	0	0	0	4778

STATION: 75 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2483	287	.	.	.	.	.	.	.	.	2770
1.00 - 1.99	232	2383	.	.	.	.	.	.	.	.	2615
2.00 - 2.99	.	1060	144	.	.	.	.	.	.	.	1204
3.00 - 3.99	.	13	171	.	.	.	.	.	.	.	184
4.00 - 4.99	.	.	20	.	.	.	.	.	.	.	20
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2715	3743	335	0	0	0	0	0	0	0	6793

STATION: 75 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1800	.	.	.	.	.	.	.	.	.	1800
1.00 - 1.99	1423	1679	.	.	.	.	.	.	.	.	3102
2.00 - 2.99	.	702	.	.	.	.	.	.	.	.	702
3.00 - 3.99	.	52	12	.	.	.	.	.	.	.	64
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3223	2433	12	0	0	0	0	0	0	0	5668

STATION: 75 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10802	5619	9294	4418	1040	100	13	1	.	.	31287
1.00 - 1.99	3168	10751	3648	2075	724	110	4	.	.	.	20480
2.00 - 2.99	.	2415	1898	800	259	60	4	.	.	.	5436
3.00 - 3.99	.	83	527	306	141	16	3	.	.	.	1076
4.00 - 4.99	.	.	41	48	44	11	2	.	.	.	146
5.00 - 5.99	.	.	.	4	7	1	.	.	.	.	12
6.00 - 6.99	.	.	.	.	3	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	13970	18868	15408	7651	2218	298	26	1	0	0	58440

STATION: 75

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	124	121	148	161	263	305	334	348	278	212	156	125	2575
2.50 - 4.99	1132	1109	1276	1698	2297	2610	3007	3038	2411	1878	1357	1275	23088
5.00 - 7.49	1079	912	1140	1271	1484	1363	1205	1186	1249	1295	1073	998	14255
7.50 - 9.99	1042	1061	1272	1136	797	497	404	347	676	991	1066	1055	10344
10.00 - 12.49	694	591	587	334	93	22	10	31	136	382	630	626	4136
12.50 - 14.99	561	531	421	148	21	3	.	10	50	172	371	584	2872
15.00 - 17.49	125	119	52	18	5	.	.	.	.	17	90	147	573
17.50 - 19.99	150	60	43	28	.	.	.	.	.	13	51	106	451
20.00 - GREATER	53	16	21	6	.	.	.	.	.	.	6	44	146
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.25 W, DEPTH: 24 M

STATION: 75

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	582	570	603	517	468	301	291	521	563	528	540	581	6065
22.50 - 67.49 (45.0)	301	383	345	243	277	216	149	253	449	433	296	325	3670
67.50 - 112.49 (90.0)	226	310	361	258	276	193	95	150	367	395	285	342	3258
112.50 - 157.49 (135.0)	283	360	484	436	460	393	318	350	459	523	379	390	4835
157.50 - 202.49 (180.0)	453	352	465	684	769	867	840	690	632	505	589	491	7337
202.50 - 247.49 (225.0)	542	434	488	694	972	1149	1276	1178	727	650	662	567	9339
247.50 - 292.49 (270.0)	1027	910	918	1031	1013	1116	1367	1092	809	982	978	991	12234
292.50 - 337.49 (315.0)	1546	1201	1296	937	725	565	624	726	794	944	1071	1273	11702
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 75

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.60	1.15	1.18	1.11	0.79	0.90	0.82	0.76	0.85	1.08	1.15	1.11	1.04
1957	1.10	1.02	0.96	1.19	0.78	0.84	0.70	0.67	0.79	1.04	1.32	1.62	1.00
1958	1.47	1.53	1.32	1.41	1.05	0.97	0.77	0.85	0.76	1.35	1.30	1.25	1.17
1959	1.55	1.21	1.33	1.05	0.70	0.75	0.85	0.75	0.67	1.11	1.38	1.22	1.05
1960	1.20	1.17	1.33	1.05	0.95	0.90	0.77	0.65	0.83	0.99	1.08	1.23	1.06
1961	1.31	1.18	1.10	1.21	1.12	0.91	0.64	0.69	0.98	1.19	1.18	1.28	1.07
1962	1.37	1.11	1.48	1.27	0.75	0.72	0.77	0.84	0.88	1.03	1.49	1.57	1.11
1963	1.16	1.35	1.32	1.00	1.01	0.80	0.74	0.74	0.97	1.00	1.54	1.25	1.07
1964	1.82	1.52	1.41	1.10	1.01	0.81	0.88	0.77	1.08	0.94	1.10	1.43	1.15
1965	1.55	1.38	1.02	0.96	0.62	0.85	0.76	0.86	0.85	1.20	1.24	1.11	1.03
1966	1.64	1.18	1.10	0.85	0.95	0.92	0.72	0.73	1.10	0.97	1.26	1.47	1.07
1967	1.27	1.52	1.10	1.16	1.05	0.73	0.80	0.78	1.19	1.05	1.26	1.49	1.11
1968	1.37	1.46	1.44	1.03	0.92	0.81	0.58	0.55	0.66	1.08	1.43	1.67	1.08
1969	1.49	1.57	1.47	1.18	1.19	0.81	0.79	0.84	0.82	1.07	1.43	1.68	1.19
1970	1.20	1.64	1.15	1.25	0.96	0.85	0.81	0.80	0.77	1.16	1.24	1.53	1.11
1971	1.43	1.56	1.45	1.18	1.02	0.68	0.78	0.84	0.79	1.15	1.12	1.34	1.11
1972	1.30	1.37	1.37	0.93	1.29	1.08	0.73	0.68	0.97	1.03	1.14	1.44	1.11
1973	1.63	1.29	1.37	1.33	1.06	0.90	0.87	0.68	0.90	1.09	1.54	1.76	1.20
1974	0.99	1.31	1.38	1.33	0.93	0.87	0.66	0.63	0.82	0.94	1.31	1.54	1.06
1975	1.40	1.27	1.49	1.23	0.72	0.85	0.90	0.56	0.94	1.07	1.27	1.56	1.10
MEAN	1.39	1.37	1.29	1.14	0.94	0.85	0.77	0.73	0.88	1.08	1.29	1.43	

STATION: 75

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	461311	43 919	40 8 9	321117	23 720	18 715	19 719	18 810	35 7 8	24 6 8	30 819	33 631	461311
1957	29 7 9	29 728	30 7 8	331116	16 528	23 719	16 525	14 512	19 721	37 8 9	28 717	36 821	37 8 9
1958	32 812	35 913	471112	311013	231013	19 619	17 525	21 717	191017	33 8 9	30 726	431011	471112
1959	42 826	30 723	44 916	22 718	17 527	17 627	22 816	19 621	16 623	341014	33 728	37 824	44 916
1960	32 727	40 827	32 634	29 722	20 714	19 625	23 818	12 519	25 915	291010	32 728	40 911	40 911
1961	371113	551112	28 913	33 8 9	371115	19 721	12 515	13 718	311113	31 9 8	27 817	44 919	551112
1962	41 822	24 910	6612 8	291117	17 618	16 527	18 626	19 917	23 627	29 722	40 810	461118	6612 8
1963	41 825	30 728	32 725	28 724	23 917	20 916	25 718	27 818	24 7 8	27 631	421116	33 728	421116
1964	571213	30 812	391018	33 819	22 626	19 627	19 713	28 717	301114	24 916	36 818	391017	571213
1965	34 821	44 821	26 721	24 717	15 527	20 7 9	17 619	20 719	23 717	33 820	39 821	31 819	44 821
1966	421012	35 728	31 726	20 610	22 720	24 7 9	14 718	16 624	32 911	25 917	421314	39 829	421314
1967	32 818	39 822	30 810	29 635	25 8 8	16 618	15 622	19 719	34 914	37 919	32 729	39 911	39 911
1968	42 911	401215	41 911	39 919	29 912	16 511	11 516	17 624	19 712	32 721	36 913	36 818	42 911
1969	38 826	38 733	361212	33 721	29 818	15 618	17 616	21 722	181013	31 724	431215	40 910	431215
1970	37 821	491416	29 716	421018	20 917	16 717	18 718	24 813	25 719	281013	301114	461012	491416
1971	42 829	36 916	48 828	431214	25 819	15 814	16 816	24 917	16 914	31 811	47 910	36 919	48 828
1972	33 820	33 9 9	33 819	19 532	241016	28 914	16 626	22 718	23 5 3	26 721	32 917	31 728	33 819
1973	35 918	34 917	41 822	31 813	27 716	19 715	19 719	16 527	28 724	35 911	35 821	391116	41 822
1974	31 721	33 820	3510 9	40 820	25 714	18 816	17 624	19 621	28 723	29 721	31 727	621211	621211
1975	44 919	45 823	541015	38 821	16 620	26 8 9	321312	18 625	34 819	22 613	36 821	461012	541015
MAX	571213	551112	6612 8	431214	371115	28 914	321312	28 717	35 7 8	37 919	47 910	621211	

MAX Hmo(m): 6.6 MAX Tp(sec): 12. MAX Dp(deg): 79. DATE(gmt): 62030700

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 40. DATE(gmt): 62030706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.00 W, DEPTH: 31 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 76

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	351	335	363	372	511	316	517	685	527	406	468	389	5240
0.50 - 0.99	1390	1230	1488	1801	2244	2844	3154	3209	2645	2069	1403	1339	24816
1.00 - 1.49	1207	1098	1318	1277	1434	1271	1032	823	1017	1282	1135	1095	13989
1.50 - 1.99	770	776	843	678	553	313	226	193	351	654	751	804	6912
2.00 - 2.49	536	472	476	398	165	46	20	35	141	309	523	567	3688
2.50 - 2.99	369	297	217	166	41	10	7	15	76	159	291	335	1983
3.00 - 3.49	186	190	158	73	7	.	2	.	37	63	140	246	1102
3.50 - 3.99	79	75	50	20	4	.	2	.	6	17	66	120	439
4.00 - 4.49	49	30	19	11	1	.	.	.	.	1	18	42	171
4.50 - 4.99	19	9	10	4	.	.	.	.	.	.	4	15	61
5.00 - 5.49	2	7	12	.	.	.	.	.	.	.	1	4	26
5.50 - 5.99	1	1	3	.	.	.	.	.	.	.	.	1	6
6.00 - 6.49	1	.	2	.	.	.	.	.	.	.	.	1	4
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	2	2
7.00 - 7.49	.	.	1	.	.	.	.	.	.	.	.	.	1
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 76

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	255	264	319	319	224	143	165	338	250	261	296	237	3071
4.0 - 4.9	986	808	1028	850	697	691	710	877	897	846	748	762	9900
5.0 - 5.9	1005	897	928	790	739	909	791	635	606	812	862	851	9825
6.0 - 6.9	654	583	627	649	883	1072	819	866	566	651	706	633	8709
7.0 - 7.9	462	534	608	597	884	1052	1314	1165	845	749	585	622	9417
8.0 - 8.9	435	469	491	549	785	615	727	684	837	835	464	425	7316
9.0 - 9.9	511	356	424	486	511	207	317	255	458	444	494	473	4936
10.0 - 10.9	311	244	273	355	169	77	87	75	196	205	349	502	2843
11.0 - 11.9	195	199	163	146	41	28	9	50	115	101	204	329	1580
12.0 - 12.9	96	110	67	35	14	6	11	10	29	24	46	108	556
13.0 - 13.9	41	50	19	22	8	.	4	5	1	28	30	16	224
14.0 - 14.9	8	6	5	1	5	.	6	.	.	3	7	2	43
15.0 - 15.9	.	.	2	1	.	.	.	.	.	1	8	.	12
16.0 - 16.9	1	.	6	.	.	.	.	.	.	.	.	.	7
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	1	.	1
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 76

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	142	114	123	121	53	40	23	80	93	116	122	90	1117
11.25 - 33.74 (22.5)	65	60	41	39	20	19	11	57	77	48	53	39	529
33.75 - 56.24 (45.0)	49	63	41	22	27	22	7	44	48	53	37	42	455
56.25 - 78.74 (67.5)	99	142	106	51	60	20	12	39	113	148	115	97	1002
78.75 - 101.24 (90.0)	213	349	323	215	215	102	98	101	504	492	390	270	3272
101.25 - 123.74 (112.5)	438	352	386	459	558	295	386	451	989	815	609	707	6445
123.75 - 146.24 (135.0)	556	392	519	484	928	1000	1032	1135	1031	769	496	407	8749
146.25 - 168.74 (157.5)	347	498	555	521	680	695	511	666	418	521	439	575	6426
168.75 - 191.24 (180.0)	574	585	770	1054	1104	1261	1524	1064	385	428	534	637	9920
191.25 - 213.74 (202.5)	289	258	277	415	391	421	420	367	248	228	363	308	3985
213.75 - 236.24 (225.0)	180	136	197	195	227	248	207	231	199	162	239	186	2407
236.25 - 258.74 (247.5)	266	202	178	196	182	208	223	243	153	202	214	234	2501
258.75 - 281.24 (270.0)	457	402	384	393	262	273	286	215	183	366	416	432	4069
281.25 - 303.74 (292.5)	531	442	466	283	122	129	121	128	143	277	357	375	3374
303.75 - 326.24 (315.0)	523	334	393	209	85	49	57	68	129	226	260	388	2721
326.25 - 348.74 (337.5)	231	191	201	143	46	18	42	71	87	109	156	173	1468
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.00 W, DEPTH: 31 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 76 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1196	.	.	.	.	.	.	.	.	.	1196
1.00 - 1.99	605	186	.	.	.	.	.	.	.	.	791
2.00 - 2.99	.	96	.	.	.	.	.	.	.	.	96
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1801	285	0	0	0	0	0	0	0	0	2086

STATION: 76 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	435	33	36	30	2	.	.	.	.	.	536
1.00 - 1.99	208	253	18	7	.	.	.	.	.	.	479
2.00 - 2.99	.	52	19	7	.	.	.	.	.	.	78
3.00 - 3.99	.	3	8	2	.	.	.	.	.	.	13
4.00 - 4.99	.	.	2	.	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	643	341	83	39	2	0	0	0	0	0	1108

STATION: 76 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	527	435	1056	936	174	.	.	.	.	.	3128
1.00 - 1.99	133	881	693	322	62	2	.	.	.	.	2093
2.00 - 2.99	.	120	376	112	18	5	.	.	.	.	631
3.00 - 3.99	.	.	99	99	14	1	2	.	.	.	215
4.00 - 4.99	.	.	7	20	11	2	3	.	.	.	43
5.00 - 5.99	.	.	.	5	3	3	1	.	.	.	12
6.00 - 6.99	.	.	.	.	4	.	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	1	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	660	1436	2231	1494	286	14	6	0	0	0	6127

STATION: 76 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	831	1167	4964	2533	685	72	10	1	.	.	10263
1.00 - 1.99	132	1253	1308	996	472	87	3	.	.	.	4251
2.00 - 2.99	.	84	448	322	153	41	.	.	.	.	1048
3.00 - 3.99	.	.	67	165	97	11	.	.	.	.	340
4.00 - 4.99	.	.	1	28	31	5	.	.	.	.	65
5.00 - 5.99	.	.	.	3	7	1	.	.	.	.	11
6.00 - 6.99	.	.	.	.	2	.	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	963	2504	6788	4047	1447	217	13	1	0	0	15980

STATION: 76 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1463	3023	3060	724	98	6	.	.	.	.	8374
1.00 - 1.99	194	2330	2093	836	179	7	.	.	.	.	5639
2.00 - 2.99	.	119	680	394	77	7	.	.	.	.	1277
3.00 - 3.99	.	.	113	152	33	7	.	.	.	.	305
4.00 - 4.99	.	.	1	29	12	5	.	.	.	.	47
5.00 - 5.99	.	.	.	.	2	4	.	.	.	.	6
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1657	5472	5947	2135	401	36	0	0	0	0	15648

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.00 W, DEPTH: 31 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 76 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1566	634	18	.	.	.	.	.	.	.	2218
1.00 - 1.99	97	1925	115	.	.	.	.	.	.	.	2137
2.00 - 2.99	.	118	523	.	.	.	.	.	.	.	641
3.00 - 3.99	.	.	155	44	.	.	.	.	.	.	199
4.00 - 4.99	.	.	7	15	.	.	.	.	.	.	22
5.00 - 5.99	.	.	.	1	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1663	2677	818	60	0	0	0	0	0	0	5218

STATION: 76 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2306	357	.	.	.	.	.	.	.	.	2663
1.00 - 1.99	239	2272	.	.	.	.	.	.	.	.	2511
2.00 - 2.99	.	811	401	.	.	.	.	.	.	.	1212
3.00 - 3.99	.	10	402	.	.	.	.	.	.	.	412
4.00 - 4.99	.	.	51	2	.	.	.	.	.	.	53
5.00 - 5.99	.	.	.	2	.	.	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2545	3450	854	4	0	0	0	0	0	0	6853

STATION: 76 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1678	.	.	.	.	.	.	.	.	.	1678
1.00 - 1.99	1361	1639	.	.	.	.	.	.	.	.	3000
2.00 - 2.99	.	688	.	.	.	.	.	.	.	.	688
3.00 - 3.99	.	42	12	.	.	.	.	.	.	.	54
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3039	2369	12	0	0	0	0	0	0	0	5420

STATION: 76 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10002	5649	9134	4223	959	78	10	1	.	.	30056
1.00 - 1.99	2969	10739	4227	2154	713	96	3	.	.	.	20901
2.00 - 2.99	.	2088	2447	835	248	53	.	.	.	.	5671
3.00 - 3.99	.	58	856	462	144	19	2	.	.	.	1541
4.00 - 4.99	.	.	69	94	54	12	3	.	.	.	232
5.00 - 5.99	.	.	.	11	12	8	1	.	.	.	32
6.00 - 6.99	.	.	.	.	6	.	.	.	.	.	6
7.00 - 7.99	.	.	.	.	.	1	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	12971	18534	16733	7779	2136	267	19	1	0	0	58440

STATION: 76

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	130	123	149	172	271	317	342	358	287	220	165	129	2663
2.50 - 4.99	1142	1107	1283	1688	2288	2589	2992	3004	2398	1877	1362	1286	23016
5.00 - 7.49	1060	905	1121	1261	1473	1362	1195	1204	1248	1278	1064	989	14160
7.50 - 9.99	1027	1058	1263	1131	803	505	421	351	672	986	1052	1043	10312
10.00 - 12.49	697	580	595	343	97	23	9	33	141	389	628	625	4160
12.50 - 14.99	572	548	430	153	22	4	1	10	52	177	375	581	2925
15.00 - 17.49	125	122	53	18	6	.	.	.	2	20	91	155	592
17.50 - 19.99	151	60	45	27	.	.	.	.	.	13	57	103	456
20.00 - GREATER	56	17	21	7	.	.	.	.	.	.	6	49	156
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 73.00 W, DEPTH: 31 M

STATION: 76

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	584	563	602	515	467	302	288	517	561	525	536	574	6034
22.50 - 67.49 (45.0)	303	384	342	245	278	213	145	252	452	436	298	325	3673
67.50 - 112.49 (90.0)	226	311	366	264	283	195	104	152	369	396	282	344	3292
112.50 - 157.49 (135.0)	290	366	484	435	457	396	320	353	457	527	380	395	4860
157.50 - 202.49 (180.0)	450	351	461	680	755	865	839	697	627	495	596	486	7302
202.50 - 247.49 (225.0)	536	427	483	693	985	1147	1264	1161	734	654	654	566	9304
247.50 - 292.49 (270.0)	1023	904	919	1035	1009	1122	1376	1090	800	980	967	984	12209
292.50 - 337.49 (315.0)	1548	1214	1303	933	726	560	624	738	800	947	1087	1286	11766
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 76

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.67	1.20	1.22	1.17	0.82	0.94	0.85	0.80	0.89	1.13	1.19	1.15	1.09
1957	1.14	1.08	1.01	1.24	0.81	0.86	0.73	0.69	0.81	1.07	1.38	1.70	1.04
1958	1.53	1.61	1.39	1.46	1.09	1.01	0.80	0.89	0.79	1.40	1.37	1.31	1.22
1959	1.60	1.25	1.41	1.09	0.73	0.78	0.88	0.77	0.68	1.15	1.45	1.30	1.09
1960	1.24	1.87	1.36	1.11	0.97	0.93	0.80	0.69	0.86	1.04	1.14	1.29	1.10
1961	1.38	1.23	1.14	1.27	1.17	0.95	0.68	0.71	1.02	1.26	1.20	1.33	1.11
1962	1.43	1.16	1.57	1.33	0.77	0.75	0.80	0.87	0.91	1.08	1.55	1.65	1.16
1963	1.21	1.39	1.38	1.03	1.06	0.82	0.78	0.77	1.02	1.04	1.60	1.31	1.11
1964	1.91	1.58	1.48	1.12	1.05	0.85	0.91	0.79	1.12	0.97	1.14	1.48	1.20
1965	1.62	1.43	1.05	0.99	0.65	0.88	0.80	0.89	0.87	1.24	1.29	1.14	1.07
1966	1.70	1.22	1.16	0.88	0.99	0.96	0.75	0.76	1.16	1.00	1.30	1.56	1.12
1967	1.32	1.60	1.15	1.20	1.11	0.76	0.85	0.82	1.25	1.08	1.31	1.54	1.16
1968	1.41	1.55	1.51	1.07	0.95	0.84	0.59	0.57	0.68	1.12	1.49	1.76	1.13
1969	1.54	1.66	1.54	1.23	1.23	0.83	0.82	0.87	0.86	1.13	1.49	1.73	1.24
1970	1.23	1.73	1.20	1.30	1.00	0.88	0.84	0.84	0.79	1.20	1.29	1.57	1.15
1971	1.49	1.64	1.55	1.25	1.06	0.70	0.81	0.86	0.81	1.19	1.15	1.39	1.16
1972	1.35	1.44	1.42	0.97	1.35	1.12	0.75	0.70	1.01	1.07	1.19	1.50	1.16
1973	1.71	1.34	1.42	1.41	1.11	0.94	0.90	0.72	0.93	1.16	1.63	1.84	1.26
1974	1.03	1.37	1.43	1.39	0.97	0.90	0.69	0.65	0.85	0.97	1.38	1.61	1.10
1975	1.46	1.33	1.53	1.28	0.73	0.88	0.96	0.57	0.96	1.10	1.33	1.63	1.15
MEAN	1.45	1.43	1.35	1.19	0.98	0.88	0.80	0.76	0.91	1.12	1.34	1.49	

STATION: 76

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	521311	46 919	42 910	341117	23 721	18 716	20 720	19 810	37 8 8	26 723	32 819	34 631	521311
1957	30 810	33 728	33 7 8	371216	19 625	23 719	17 624	15 512	20 721	40 8 9	29 717	371020	40 8 9
1958	33 911	36 912	511111	331013	251013	19 626	19 625	21 717	19 917	34 8 9	34 728	461012	511111
1959	48 924	31 724	47 916	23 626	17 527	19 627	23 817	19 621	16 624	361013	37 825	42 827	48 924
1960	36 920	44 829	331117	30 722	20 714	22 627	25 818	12 713	25 916	321010	36 825	43 910	44 829
1961	401114	591112	31 729	34 8 9	401115	19 721	13 514	14 718	341112	36 9 8	28 817	451019	591112
1962	43 918	26 9 9	721310	31 727	17 718	17 626	21 627	19 716	26 722	33 728	42 810	511119	721310
1963	48 920	33 729	35 823	32 727	25 917	20 817	25 718	29 727	26 7 8	28 631	461117	38 826	48 920
1964	611213	33 726	421019	36 819	24 725	22 628	19 713	29 717	311114	25 815	38 818	411018	611213
1965	36 820	47 912	27 722	23 811	15 527	23 7 9	18 619	20 719	24 718	35 920	411020	32 820	47 912
1966	45 827	40 828	34 727	21 610	23 721	25 710	15 718	18 625	33 910	28 725	431214	44 828	45 827
1967	35 821	41 921	31 810	30 635	27 8 8	16 619	15 622	19 719	37 915	37 921	38 826	40 911	41 921
1968	441012	421215	43 912	41 920	30 912	16 511	11 516	21 626	20 625	32 821	40 912	42 827	441012
1969	43 829	43 828	391213	35 920	30 818	15 619	18 716	22 723	191013	32 921	451215	42 910	451215
1970	38 821	521416	29 722	461018	21 917	16 622	19 719	27 812	26 719	291013	321115	491012	521416
1971	47 926	401217	54 927	461114	26 819	15 715	17 917	25 917	17 913	32 811	501011	38 919	54 927
1972	35 921	35 9 9	34 819	22 5 3	261016	29 914	17 627	23 719	25 7 5	27 721	34 814	34 729	35 9 9
1973	37 918	35 917	41 921	33 811	27 716	21 625	19 720	19 625	29 823	38 822	40 824	421116	421116
1974	32 920	34 821	381010	41 919	26 714	19 816	17 625	19 721	32 728	30 821	34 823	671211	671211
1975	46 919	49 923	571116	42 920	16 622	29 8 9	351312	21 628	37 820	22 627	40 822	501012	571116
MAX	611213	591112	721310	461114	401115	29 8 9	351312	29 717	37 820	40 8 9	501011	671211	

MAX Hmo(m): 7.2 MAX Tp(sec): 13. MAX Dp(deg): 97. DATE(gmt): 62030700

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 40. DATE(gmt): 62030706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N LONG: 72.75 W DEPTH: 37 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 77

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	311	310	320	333	455	261	444	623	459	350	420	341	4627
0.50 - 0.99	1344	1204	1448	1749	2172	2773	3104	3147	2645	2042	1396	1312	24336
1.00 - 1.49	1229	1080	1348	1312	1510	1371	1133	924	1032	1303	1120	1102	14464
1.50 - 1.99	801	806	854	714	579	331	245	209	368	688	786	852	7233
2.00 - 2.49	502	446	458	379	182	52	22	40	146	300	492	520	3539
2.50 - 2.99	368	287	236	187	50	9	3	13	95	157	296	351	2052
3.00 - 3.49	206	207	149	78	7	3	5	4	41	86	164	238	1188
3.50 - 3.99	108	114	82	27	2	.	4	.	14	27	81	139	598
4.00 - 4.49	43	42	31	13	3	.	.	.	.	7	40	65	244
4.50 - 4.99	27	17	12	8	.	.	.	.	.	.	3	30	97
5.00 - 5.49	17	2	5	.	.	.	.	.	.	.	2	6	32
5.50 - 5.99	2	4	12	.	.	.	.	.	.	.	.	1	19
6.00 - 6.49	1	1	4	.	.	.	.	.	.	.	.	1	7
6.50 - 6.99	1	.	.	.	.	.	.	.	.	.	.	1	2
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	1	1
7.50 - 7.99	.	.	1	.	.	.	.	.	.	.	.	.	1
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 77

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	233	235	280	279	187	117	115	290	224	238	261	195	2654
4.0 - 4.9	947	756	990	818	595	623	647	845	828	802	718	737	9306
5.0 - 5.9	1014	937	974	787	789	927	807	669	636	831	864	861	10096
6.0 - 6.9	586	588	594	635	889	1102	934	888	569	613	666	630	8694
7.0 - 7.9	547	536	618	667	963	1089	1329	1190	861	813	644	635	9892
8.0 - 8.9	483	542	588	598	808	620	721	678	886	861	507	516	7808
9.0 - 9.9	540	361	447	505	511	224	291	265	461	450	510	480	5045
10.0 - 10.9	307	231	255	331	153	67	88	73	205	203	358	483	2754
11.0 - 11.9	177	191	131	128	39	25	9	46	107	99	183	318	1453
12.0 - 12.9	81	106	55	33	15	6	11	13	22	21	49	91	503
13.0 - 13.9	36	30	21	16	6	.	3	3	1	27	22	14	179
14.0 - 14.9	8	7	4	3	5	.	5	.	.	1	10	.	43
15.0 - 15.9	.	.	2	.	.	.	.	.	.	1	7	.	10
16.0 - 16.9	1	.	1	.	.	.	.	.	.	.	.	.	2
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	1	.	1
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 77

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	136	110	120	127	47	27	16	76	82	111	116	76	1044
11.25 - 33.74 (22.5)	67	61	46	36	23	22	12	52	68	69	61	33	550
33.75 - 56.24 (45.0)	68	107	63	36	32	27	7	57	78	99	60	62	696
56.25 - 78.74 (67.5)	117	146	137	64	86	21	15	40	113	149	136	122	1146
78.75 - 101.24 (90.0)	230	335	348	253	240	110	97	121	554	506	440	309	3543
101.25 - 123.74 (112.5)	433	352	357	434	535	297	387	454	996	826	574	673	6318
123.75 - 146.24 (135.0)	522	372	459	460	855	919	970	1040	970	702	443	396	8108
146.25 - 168.74 (157.5)	318	438	520	496	650	656	447	596	394	488	399	536	5938
168.75 - 191.24 (180.0)	527	563	720	969	1111	1303	1487	1145	377	419	505	561	9687
191.25 - 213.74 (202.5)	308	267	332	491	464	508	600	423	273	244	405	330	4645
213.75 - 236.24 (225.0)	209	152	220	225	254	271	230	261	215	155	246	210	2648
236.25 - 258.74 (247.5)	279	227	204	199	179	199	225	227	166	219	218	239	2581
258.75 - 281.24 (270.0)	500	462	390	417	258	265	270	223	180	405	460	467	4297
281.25 - 303.74 (292.5)	496	434	450	260	110	109	118	115	139	256	320	360	3167
303.75 - 326.24 (315.0)	518	316	388	204	77	46	45	65	106	208	271	405	2649
326.25 - 348.74 (337.5)	232	178	206	129	39	20	34	65	89	104	146	181	1423
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N LONG: 72.75 W DEPTH: 37 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 77 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1100										1100
1.00 - 1.99	578	156									734
2.00 - 2.99		108									108
3.00 - 3.99		4									4
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1678	268	0	0	0	0	0	0	0	0	1946

STATION: 77 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	438	55	47	56	2						598
1.00 - 1.99	99	509	27								635
2.00 - 2.99		172	30	7							209
3.00 - 3.99		1	61	4							66
4.00 - 4.99			18								18
5.00 - 5.99			2								2
6.00 - 6.99				1							1
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	537	737	185	68	2	0	0	0	0	0	1529

STATION: 77 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	488	430	1089	1125	219						3351
1.00 - 1.99	97	848	710	478	83	1					2217
2.00 - 2.99		113	378	122	26	4					643
3.00 - 3.99			137	104	11	2					254
4.00 - 4.99			7	38	14		1				60
5.00 - 5.99			1	5	9	2	1				18
6.00 - 6.99				2	4		1				7
7.00 - 7.99						1					1
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	585	1391	2322	1874	366	10	3	0	0	0	6551

STATION: 77 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	710	1007	4662	2266	582	59	8	1			9295
1.00 - 1.99	123	1209	1343	1032	461	83	1				4252
2.00 - 2.99		73	430	316	123	39					981
3.00 - 3.99			68	178	95	11					352
4.00 - 4.99			2	34	34	11					81
5.00 - 5.99				4	4	1					9
6.00 - 6.99					1						1
7.00 - 7.99					1						1
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	833	2289	6505	3830	1301	204	9	1	0	0	14972

STATION: 77 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1303	3014	3127	630	68	1					8143
1.00 - 1.99	186	2314	2372	758	147	3					5780
2.00 - 2.99		118	654	347	55	2					1176
3.00 - 3.99			94	128	13	1					236
4.00 - 4.99			2	27	2	1					32
5.00 - 5.99					1						1
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1489	5446	6249	1890	286	8	0	0	0	0	15368

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 72.75 W, DEPTH: 37 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 77 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1560	828	47	.	.	.	.	.	.	.	2435
1.00 - 1.99	104	2074	210	.	.	.	.	.	.	.	2388
2.00 - 2.99	.	87	559	1	.	.	.	.	.	.	647
3.00 - 3.99	.	.	245	63	.	.	.	.	.	.	308
4.00 - 4.99	.	.	10	40	.	.	.	.	.	.	50
5.00 - 5.99	.	.	.	4	1	.	.	.	.	.	5
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1664	2989	1071	108	1	0	0	0	0	0	5833

STATION: 77 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2086	425	.	.	.	.	.	.	.	.	2511
1.00 - 1.99	226	2527	8	.	.	.	.	.	.	.	2761
2.00 - 2.99	.	357	757	.	.	.	.	.	.	.	1114
3.00 - 3.99	.	7	505	.	.	.	.	.	.	.	512
4.00 - 4.99	.	.	87	13	.	.	.	.	.	.	100
5.00 - 5.99	.	.	.	16	.	.	.	.	.	.	16
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2312	3316	1357	29	0	0	0	0	0	0	7014

STATION: 77 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1530	.	.	.	.	.	.	.	.	.	1530
1.00 - 1.99	1332	1598	.	.	.	.	.	.	.	.	2930
2.00 - 2.99	.	713	.	.	.	.	.	.	.	.	713
3.00 - 3.99	.	43	11	.	.	.	.	.	.	.	54
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2862	2354	11	0	0	0	0	0	0	0	5227

STATION: 77 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	9215	5759	8972	4077	871	60	8	1	.	.	28963
1.00 - 1.99	2745	11235	4670	2268	691	87	1	.	.	.	21697
2.00 - 2.99	.	1741	2808	793	204	45	.	.	.	.	5591
3.00 - 3.99	.	55	1121	477	119	14	.	.	.	.	1786
4.00 - 4.99	.	.	126	152	50	12	1	.	.	.	341
5.00 - 5.99	.	.	3	29	15	3	1	.	.	.	51
6.00 - 6.99	.	.	.	3	5	.	1	.	.	.	9
7.00 - 7.99	.	.	.	.	1	1	.	.	.	.	2
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11960	18790	17700	7799	1956	222	12	1	0	0	58440

STATION: 77

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	129	109	143	176	262	315	333	347	275	219	158	121	2587
2.50 - 4.99	1134	1103	1268	1655	2296	2589	3008	3007	2419	1878	1342	1262	22961
5.00 - 7.49	1022	918	1131	1285	1483	1374	1192	1208	1249	1290	1105	1005	14262
7.50 - 9.99	1097	1075	1269	1148	804	494	416	360	675	987	1068	1079	10472
10.00 - 12.49	689	583	603	336	88	25	10	31	136	384	622	609	4116
12.50 - 14.99	568	533	424	150	22	3	1	7	46	171	367	595	2887
15.00 - 17.49	128	125	56	22	5	.	.	.	.	18	84	139	577
17.50 - 19.99	149	59	46	22	.	.	.	.	.	13	44	110	443
20.00 - GREATER	44	15	20	6	.	.	.	.	.	.	10	40	135
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.50 N, LONG: 72.75 W, DEPTH: 37 M

STATION: 77

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	604	558	602	522	447	290	265	510	562	526	546	563	5995
22.50 - 67.49 (45.0)	300	398	349	243	294	232	154	252	473	447	304	342	3788
67.50 - 112.49 (90.0)	233	323	384	283	280	202	99	146	390	422	302	360	3424
112.50 - 157.49 (135.0)	273	350	450	402	426	353	302	330	415	471	356	379	4507
157.50 - 202.49 (180.0)	444	334	452	670	752	885	843	694	610	502	584	446	7216
202.50 - 247.49 (225.0)	548	431	512	719	1028	1193	1338	1219	749	660	665	593	9655
247.50 - 292.49 (270.0)	1050	954	917	1034	1026	1115	1378	1097	845	1024	997	1000	12437
292.50 - 337.49 (315.0)	1508	1172	1294	927	707	530	581	712	756	908	1046	1277	11418
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 77

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.76	1.24	1.27	1.19	0.84	0.98	0.88	0.83	0.93	1.17	1.21	1.19	1.12
1957	1.17	1.14	1.05	1.27	0.83	0.87	0.76	0.71	0.83	1.10	1.41	1.78	1.08
1958	1.57	1.67	1.45	1.51	1.13	1.05	0.84	0.92	0.80	1.44	1.42	1.38	1.26
1959	1.64	1.29	1.45	1.13	0.76	0.81	0.90	0.80	0.70	1.18	1.50	1.38	1.13
1960	1.27	1.94	1.38	1.15	0.98	0.96	0.82	0.72	0.88	1.09	1.18	1.34	1.14
1961	1.44	1.27	1.17	1.31	1.20	0.98	0.70	0.73	1.08	1.33	1.21	1.38	1.15
1962	1.49	1.21	1.67	1.36	0.79	0.77	0.82	0.88	0.94	1.13	1.60	1.72	1.20
1963	1.25	1.42	1.41	1.04	1.08	0.84	0.81	0.79	1.07	1.06	1.65	1.35	1.15
1964	1.99	1.63	1.52	1.14	1.07	0.87	0.94	0.81	1.15	1.00	1.17	1.50	1.23
1965	1.68	1.45	1.08	1.01	0.66	0.91	0.83	0.91	0.89	1.27	1.33	1.16	1.09
1966	1.74	1.25	1.20	0.89	1.01	0.99	0.79	0.79	1.19	1.02	1.34	1.64	1.16
1967	1.37	1.67	1.18	1.24	1.15	0.78	0.88	0.84	1.27	1.11	1.35	1.56	1.20
1968	1.45	1.62	1.56	1.11	0.98	0.86	0.60	0.58	0.69	1.14	1.54	1.83	1.16
1969	1.61	1.78	1.58	1.27	1.25	0.85	0.84	0.90	0.89	1.17	1.54	1.75	1.28
1970	1.26	1.77	1.23	1.34	1.02	0.91	0.87	0.87	0.80	1.24	1.32	1.60	1.18
1971	1.52	1.67	1.64	1.27	1.08	0.72	0.83	0.88	0.83	1.21	1.18	1.43	1.19
1972	1.37	1.50	1.44	1.00	1.39	1.15	0.77	0.72	1.06	1.10	1.22	1.54	1.19
1973	1.75	1.39	1.47	1.44	1.13	0.96	0.93	0.74	0.93	1.19	1.70	1.87	1.29
1974	1.07	1.43	1.47	1.42	1.00	0.92	0.70	0.68	0.87	0.99	1.44	1.65	1.13
1975	1.52	1.37	1.54	1.32	0.75	0.91	1.03	0.58	0.97	1.12	1.36	1.69	1.18
MEAN	1.50	1.48	1.39	1.22	1.01	0.90	0.83	0.78	0.94	1.15	1.38	1.54	

STATION: 77

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	571110	47 919	44 910	331117	23 721	19 715	20 720	20 810	39 8 8	29 727	35 820	33 631	571110
1957	32 8 9	37 827	36 7 7	37 725	19 626	24 719	18 624	14 512	20 722	41 8 9	30 727	41 7 3	41 7 3
1958	36 910	40 827	571110	39 912	261013	19 627	19 628	21 717	18 817	34 8 9	38 825	471012	571110
1959	54 928	32 726	48 916	23 724	17 527	19 627	23 817	19 621	16 624	381013	41 827	47 923	54 928
1960	40 826	50 928	36 7 3	30 726	21 813	23 724	24 819	12 713	25 916	37 7 5	40 828	481011	50 928
1961	44 9 8	601112	34 824	37 823	401115	22 721	13 513	14 718	381112	41 7 3	26 726	47 921	601112
1962	42 919	30 9 9	781310	33 823	17 618	17 626	21 726	19 816	29 727	38 827	43 910	541121	781310
1963	52 927	37 827	39 826	33 728	25 917	19 817	23 718	32 825	29 8 7	28 631	511021	42 827	52 927
1964	661110	38 825	42 919	36 819	27 725	23 727	19 714	28 717	321114	26 814	38 818	401018	661110
1965	40 7 5	481012	27 722	24 811	14 520	26 7 8	18 619	19 720	22 718	35 921	43 922	30 723	481012
1966	51 926	44 926	39 826	20 7 6	23 721	25 710	15 718	18 624	33 911	28 728	441314	46 926	51 926
1967	37 827	43 9 8	31 8 8	36 7 3	30 8 7	16 619	15 522	19 720	35 814	38 921	42 827	461010	461010
1968	44 912	441215	42 912	40 920	31 912	16 511	11 516	21 626	20 625	33 920	44 910	47 924	47 924
1969	48 925	47 926	431112	36 920	31 818	15 619	18 716	24 821	211012	33 824	441214	43 911	48 925
1970	38 921	481316	31 726	48 924	21 917	17 816	19 719	30 8 9	26 719	31 727	34 824	521012	521012
1971	52 928	40 826	591023	461114	26 820	16 815	17 917	25 917	17 914	31 811	511011	38 922	591023
1972	35 920	36 9 9	35 819	24 6 3	26 916	31 914	16 628	21 619	30 7 4	28 913	32 918	38 825	38 825
1973	38 919	36 917	42 921	35 824	27 716	19 715	19 720	18 718	29 823	381010	41 824	43 822	43 822
1974	33 824	35 825	3910 9	41 920	25 726	19 816	16 627	19 721	35 821	30 821	38 827	711212	711212
1975	46 919	561119	571116	43 921	18 5 3	33 913	391311	21 628	36 821	24 7 7	39 822	521012	571116
MAX	661110	601112	781310	48 924	401115	33 913	391311	32 825	39 8 8	41 7 3	511011	711212	

MAX Hmo(m): 7.8 MAX Tp(sec): 13. MAX Dp(deg): 97. DATE(gmt): 62030700

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 40. DATE(gmt): 62030706

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.75 N, LONG: 72.50 W, DEPTH: 27 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 78

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	421	412	453	457	592	399	584	779	641	505	551	467	6261
0.50 - 0.99	1497	1363	1533	1956	2400	2984	3312	3274	2737	2195	1533	1444	26228
1.00 - 1.49	1284	1133	1408	1284	1354	1121	890	720	920	1306	1177	1124	13721
1.50 - 1.99	839	787	858	637	446	251	150	148	287	603	806	877	6689
2.00 - 2.49	413	439	380	281	130	36	13	28	122	193	410	497	2942
2.50 - 2.99	276	240	179	110	30	7	7	11	61	113	181	282	1497
3.00 - 3.49	141	88	76	53	5	2	4	.	27	34	80	158	668
3.50 - 3.99	63	32	40	14	3	.	.	.	5	11	41	64	273
4.00 - 4.49	16	12	12	7	.	.	.	.	.	.	19	30	96
4.50 - 4.99	7	9	12	1	.	.	.	.	.	.	2	11	42
5.00 - 5.49	3	2	6	.	.	.	.	.	.	.	.	3	14
5.50 - 5.99	.	3	2	.	.	.	.	.	.	.	.	1	6
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	2	2
6.50 - 6.99	.	.	1	.	.	.	.	.	.	.	.	.	1
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 78

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	411	390	443	457	307	283	360	508	376	459	438	369	4801
4.0 - 4.9	1068	899	1031	873	683	585	538	733	861	922	868	825	9886
5.0 - 5.9	913	790	856	634	538	723	636	511	492	625	751	761	8230
6.0 - 6.9	450	448	466	473	823	1100	904	943	548	525	524	454	7658
7.0 - 7.9	334	376	511	556	1017	1171	1345	1231	959	788	438	462	9188
8.0 - 8.9	512	472	521	651	835	613	784	633	839	890	610	486	7846
9.0 - 9.9	582	428	518	536	480	216	282	252	398	379	504	567	5142
10.0 - 10.9	320	303	316	391	197	74	78	84	190	210	367	562	3092
11.0 - 11.9	230	236	197	173	52	27	15	49	104	95	194	338	1710
12.0 - 12.9	98	116	61	35	15	8	3	13	30	35	58	113	585
13.0 - 13.9	35	56	26	18	8	.	9	3	3	26	32	19	235
14.0 - 14.9	7	6	6	2	5	.	6	.	.	5	10	4	51
15.0 - 15.9	.	.	2	1	.	.	.	.	.	1	6	.	10
16.0 - 16.9	.	.	6	.	.	.	.	.	.	.	.	.	6
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 78

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	183	132	171	168	68	32	26	100	109	119	140	124	1372
11.25 - 33.74 (22.5)	77	77	54	50	24	17	6	43	82	81	81	53	645
33.75 - 56.24 (45.0)	50	58	44	24	25	17	5	48	53	56	37	47	464
56.25 - 78.74 (67.5)	92	153	109	56	53	14	14	34	94	126	111	91	947
78.75 - 101.24 (90.0)	201	305	315	171	213	65	51	91	455	410	317	245	2839
101.25 - 123.74 (112.5)	360	329	338	396	457	255	314	369	919	751	548	636	5672
123.75 - 146.24 (135.0)	623	454	545	555	979	1004	1084	1111	1148	908	586	514	9511
146.25 - 168.74 (157.5)	437	609	633	692	806	748	535	706	473	602	522	672	7435
168.75 - 191.24 (180.0)	772	761	955	1200	1297	1492	1757	1299	461	535	768	807	12104
191.25 - 213.74 (202.5)	382	288	348	440	373	440	427	389	269	256	450	390	4452
213.75 - 236.24 (225.0)	155	98	134	160	182	203	178	198	174	133	174	156	1945
236.25 - 258.74 (247.5)	110	93	66	89	100	128	141	150	77	118	76	75	1223
258.75 - 281.24 (270.0)	228	196	161	182	134	186	202	169	140	251	211	173	2233
281.25 - 303.74 (292.5)	380	338	350	229	100	111	122	99	131	230	270	280	2640
303.75 - 326.24 (315.0)	529	336	443	224	90	54	50	79	95	217	297	389	2803
326.25 - 348.74 (337.5)	381	293	294	164	59	34	48	75	120	167	212	308	2155
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.75 N, LONG: 72.50 W, DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 78 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1509	.	.	.	.	.	.	.	.	.	1509
1.00 - 1.99	707	383	.	.	.	.	.	.	.	.	1090
2.00 - 2.99	.	127	.	.	.	.	.	.	.	.	127
3.00 - 3.99	.	6	1	.	.	.	.	.	.	.	7
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2216	516	1	0	0	0	0	0	0	0	2733

STATION: 78 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	513	9	3	12	.	.	.	.	.	.	537
1.00 - 1.99	325	150	8	.	.	.	.	.	.	.	483
2.00 - 2.99	.	36	20	2	.	.	.	.	.	.	58
3.00 - 3.99	.	2	.	1	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	838	197	31	15	0	0	0	0	0	0	1081

STATION: 78 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	548	475	1010	468	89	3	.	.	.	.	2593
1.00 - 1.99	142	899	606	95	21	2	.	.	.	.	1765
2.00 - 2.99	.	102	413	41	7	2	.	.	.	.	565
3.00 - 3.99	.	.	108	71	7	.	.	.	.	.	186
4.00 - 4.99	.	.	7	21	10	2	.	.	.	.	40
5.00 - 5.99	.	.	.	5	6	.	.	.	.	.	11
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	690	1476	2144	701	141	9	0	0	0	0	5161

STATION: 78 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	774	1254	5275	2825	801	99	8	.	.	.	11036
1.00 - 1.99	101	1304	1381	1061	506	84	1	.	.	.	4438
2.00 - 2.99	.	79	445	367	157	44	.	.	.	.	1092
3.00 - 3.99	.	.	65	169	108	13	3	.	.	.	358
4.00 - 4.99	.	.	1	17	31	13	4	.	.	.	66
5.00 - 5.99	.	.	.	3	5	.	.	.	.	.	8
6.00 - 6.99	.	.	.	.	2	.	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	875	2637	7167	4442	1610	253	16	0	0	0	17000

STATION: 78 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1514	3710	3921	1024	151	6	.	.	.	.	10326
1.00 - 1.99	200	2429	2450	1167	251	8	.	.	.	.	6505
2.00 - 2.99	.	132	677	669	111	7	.	.	.	.	1596
3.00 - 3.99	.	.	106	161	27	3	.	.	.	.	297
4.00 - 4.99	.	.	1	22	3	.	.	.	.	.	26
5.00 - 5.99	.	.	.	.	1	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1714	6271	7155	3043	544	24	0	0	0	0	18751

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.75 N LONG: 72.50 W DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 78 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1512	694	9	.	.	.	.	.	.	.	2215
1.00 - 1.99	141	1375	242	.	.	.	.	.	.	.	1758
2.00 - 2.99	.	64	245	7	.	.	.	.	.	.	316
3.00 - 3.99	.	.	29	20	.	.	.	.	.	.	49
4.00 - 4.99	.	.	.	6	.	.	.	.	.	.	6
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1653	2133	525	33	0	0	0	0	0	0	4344

STATION: 78 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2630	.	.	.	.	.	.	.	.	.	2630
1.00 - 1.99	1030	187	.	.	.	.	.	.	.	.	1217
2.00 - 2.99	.	56	2	.	.	.	.	.	.	.	58
3.00 - 3.99	.	2	.	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3660	245	2	0	0	0	0	0	0	0	3907

STATION: 78 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1643	.	.	.	.	.	.	.	.	.	1643
1.00 - 1.99	1398	1756	.	.	.	.	.	.	.	.	3154
2.00 - 2.99	.	627	.	.	.	.	.	.	.	.	627
3.00 - 3.99	.	30	9	.	.	.	.	.	.	.	39
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3041	2413	9	0	0	0	0	0	0	0	5463

STATION: 78 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10643	6142	10218	4329	1041	108	8	.	.	.	32489
1.00 - 1.99	4044	8483	4687	2323	778	94	1	.	.	.	20410
2.00 - 2.99	.	1223	1802	1086	275	53	.	.	.	.	4439
3.00 - 3.99	.	40	318	422	142	16	3	.	.	.	941
4.00 - 4.99	.	.	9	66	44	15	4	.	.	.	138
5.00 - 5.99	.	.	.	8	12	.	.	.	.	.	20
6.00 - 6.99	.	.	.	.	3	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14687	15888	17034	8234	2295	286	16	0	0	0	58440

STATION: 78

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	122	118	162	181	280	322	332	355	298	223	149	131	2673
2.50 - 4.99	1145	1109	1268	1679	2289	2577	3038	3018	2443	1909	1350	1260	23085
5.00 - 7.49	1018	906	1103	1285	1495	1388	1189	1194	1212	1244	1135	982	14151
7.50 - 9.99	1089	1083	1283	1120	785	487	391	353	671	1020	1056	1068	10406
10.00 - 12.49	714	571	591	337	85	24	10	32	133	362	604	635	4098
12.50 - 14.99	558	541	427	151	21	2	.	8	43	170	376	592	2889
15.00 - 17.49	122	112	59	23	5	.	.	.	.	19	72	145	557
17.50 - 19.99	144	67	48	17	.	.	.	.	.	13	46	117	452
20.00 - GREATER	48	13	19	7	.	.	.	.	.	.	12	30	129
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION, 1956 - 1975
LAT: 40.75 N, LONG: 72.50 W, DEPTH: 27 M

STATION: 78

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	593	556	589	516	426	302	253	478	561	518	576	580	5948
22.50 - 67.49	(45.0)	322	416	409	273	302	230	159	265	474	478	324	383	4035
67.50 - 112.49	(90.0)	244	338	377	263	273	192	93	126	390	393	295	360	3344
112.50 - 157.49	(135.0)	249	311	407	380	390	326	256	276	385	409	321	354	4064
157.50 - 202.49	(180.0)	434	335	433	642	760	871	839	716	591	536	596	453	7206
202.50 - 247.49	(225.0)	565	457	538	771	1069	1266	1403	1257	792	699	691	600	10108
247.50 - 292.49	(270.0)	1056	956	915	1046	1031	1098	1419	1137	886	1046	1022	988	12600
292.50 - 337.49	(315.0)	1497	1151	1292	909	709	515	538	705	721	881	975	1242	11135
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 78

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.63	1.11	1.13	1.08	0.76	0.91	0.81	0.76	0.84	1.01	1.09	1.06	1.02
1957	1.07	0.97	0.94	1.14	0.73	0.80	0.67	0.67	0.77	1.00	1.25	1.59	0.97
1958	1.43	1.38	1.32	1.40	1.04	0.95	0.72	0.86	0.74	1.31	1.16	1.15	1.12
1959	1.48	1.15	1.23	1.00	0.67	0.72	0.84	0.73	0.66	1.10	1.32	1.18	1.01
1960	1.11	1.63	1.30	1.04	0.91	0.89	0.77	0.67	0.83	0.95	1.00	1.16	1.02
1961	1.24	1.14	1.08	1.11	1.10	0.91	0.64	0.66	1.00	1.16	1.11	1.20	1.03
1962	1.28	1.13	1.46	1.20	0.73	0.70	0.73	0.84	0.83	1.00	1.47	1.49	1.07
1963	1.13	1.27	1.29	0.94	1.03	0.74	0.74	0.71	0.98	0.97	1.47	1.16	1.03
1964	1.69	1.41	1.35	1.03	0.94	0.78	0.87	0.76	1.05	0.93	1.03	1.40	1.10
1965	1.46	1.30	1.00	0.93	0.60	0.83	0.77	0.84	0.84	1.12	1.18	1.06	0.99
1966	1.58	1.11	1.06	0.80	0.94	0.93	0.74	0.72	1.07	0.91	1.24	1.41	1.04
1967	1.24	1.46	1.10	1.12	1.03	0.73	0.84	0.80	1.13	1.02	1.16	1.44	1.09
1968	1.35	1.25	1.41	1.01	0.93	0.83	0.57	0.56	0.63	1.01	1.36	1.56	1.04
1969	1.36	1.53	1.40	1.16	1.17	0.81	0.79	0.83	0.81	1.00	1.39	1.63	1.15
1970	1.14	1.54	1.06	1.17	0.94	0.85	0.81	0.80	0.73	1.11	1.20	1.49	1.07
1971	1.26	1.47	1.34	1.10	1.00	0.68	0.76	0.80	0.77	1.09	1.08	1.26	1.05
1972	1.24	1.32	1.34	0.91	1.31	1.09	0.69	0.66	0.96	1.00	1.09	1.35	1.08
1973	1.41	1.26	1.30	1.24	1.01	0.87	0.86	0.69	0.87	1.00	1.34	1.69	1.13
1974	0.97	1.29	1.34	1.29	0.92	0.88	0.62	0.64	0.81	0.89	1.25	1.47	1.03
1975	1.36	1.21	1.45	1.18	0.71	0.83	0.96	0.55	0.91	1.01	1.24	1.56	1.08
MEAN	1.32	1.30	1.24	1.09	0.92	0.84	0.76	0.73	0.86	1.03	1.22	1.37	

STATION: 78

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	5310 9	431019	42 910	331117	23 720	18 716	19 718	20 7 8	3510 9	24 6 8	33 818	32 631	5310 9
1957	31 7 8	23 630	33 8 9	341016	14 519	23 718	16 621	14 512	21 720	37 910	27 817	371019	371019
1958	38 911	35 812	541211	33 913	251013	19 618	16 623	21 716	18 817	31 7 9	31 810	39 910	541211
1959	40 918	26 722	45 915	23 716	15 519	14 621	22 816	18 620	17 624	391013	34 918	40 921	45 915
1960	38 919	35 814	32 635	28 721	20 714	16 615	22 818	12 714	241016	30 8 8	30 920	441011	441011
1961	391114	571110	28 810	34 811	371115	21 720	111114	13 718	371113	33 9 8	25 817	44 919	571110
1962	40 918	29 8 8	6711 8	30 917	16 617	16 623	17 817	19 816	241010	28 722	41 8 9	471120	6711 8
1963	361017	28 814	32 918	22 919	24 719	18 917	22 617	28 718	26 9 9	28 631	48 923	27 919	48 923
1964	531214	30 812	40 918	35 819	23 724	16 620	17 717	27 717	311014	25 916	37 817	381017	531214
1965	34 911	491013	26 721	23 717	14 519	21 710	16 618	18 619	21 718	31 820	40 920	30 723	491013
1966	481012	34 815	28 820	18 7 8	22 621	24 916	15 718	16 623	30 911	25 917	441314	34 8 9	481012
1967	33 812	38 821	29 8 9	32 9 9	261012	16 710	14 522	19 719	32 815	34 919	25 919	431011	431011
1968	41 912	381214	39 912	38 919	30 913	16 510	11 516	16 619	19 813	32 918	42 9 9	34 920	42 9 9
1969	321313	36 734	371113	34 919	28 817	14 618	17 616	24 820	191013	32 822	431215	421012	431215
1970	36 919	491416	27 723	421018	20 917	16 816	18 619	27 811	23 719	301013	341115	511011	511011
1971	37 918	391216	401117	48 9 9	23 719	16 815	17 917	24 720	151014	28 710	49 910	37 819	49 910
1972	32 919	36 9 9	31 818	19 533	251016	32 913	16 619	21 718	25 7 8	27 720	32 914	29 710	36 9 9
1973	34 917	34 916	38 922	33 812	25 716	19 715	19 719	16 717	29 821	37 821	36 821	381018	381018
1974	32 920	32 819	371010	39 918	24 819	19 816	16 623	19 720	27 721	32 820	35 9 8	641213	641213
1975	42 918	531119	541015	41 919	17 7 8	28 915	331312	13 530	35 819	25 810	38 821	491012	541015
MAX	531214	571110	6711 8	48 9 9	371115	32 913	331312	28 718	371113	391013	49 910	641213	

MAX Hmo(m): 6.7 MAX Tp(sec): 11. MAX Dp(deg): 76. DATE(gmt): 62030700

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 325. DATE(gmt): 62123018

WIS ATLANTIC REVISION, 1956 - 1975
LAT: 40.75 N, LONG: 72.25 W, DEPTH: 38 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 79

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	340	338	347	339	472	283	450	601	508	405	439	377	4899
0.50 - 0.99	1295	1197	1372	1790	2194	2727	3067	3137	2657	2041	1419	1294	24190
1.00 - 1.49	1324	1156	1423	1344	1514	1421	1183	987	1043	1332	1178	1136	15041
1.50 - 1.99	882	796	917	702	550	305	225	179	334	703	821	868	7282
2.00 - 2.49	508	471	454	377	173	52	23	38	130	286	500	580	3592
2.50 - 2.99	291	292	208	128	45	8	5	16	87	120	227	299	1726
3.00 - 3.49	169	171	125	71	7	3	4	2	29	49	120	220	970
3.50 - 3.99	84	55	60	33	3	1	3	.	12	19	59	118	447
4.00 - 4.49	46	22	23	12	2	.	.	.	.	5	27	36	173
4.50 - 4.99	11	9	11	3	.	.	.	.	.	.	7	21	62
5.00 - 5.49	7	7	9	1	.	.	.	.	.	.	3	6	33
5.50 - 5.99	3	4	6	.	.	.	.	.	.	.	.	2	15
6.00 - 6.49	.	2	4	.	.	.	.	.	.	.	.	2	8
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	1	1
7.00 - 7.49	.	.	1	.	.	.	.	.	.	.	.	.	1
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 79

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	262	279	296	290	193	122	139	310	252	276	329	242	2990
4.0 - 4.9	993	833	982	866	692	691	696	849	924	924	811	807	10068
5.0 - 5.9	1112	889	1028	777	661	819	715	619	571	847	924	892	9854
6.0 - 6.9	507	535	501	499	836	1067	974	931	546	536	570	547	8049
7.0 - 7.9	353	405	498	592	1049	1182	1322	1228	971	806	467	472	9345
8.0 - 8.9	505	457	542	663	830	600	765	641	847	864	559	476	7749
9.0 - 9.9	582	424	532	539	439	216	252	243	391	381	506	551	5056
10.0 - 10.9	302	307	314	367	192	69	66	77	184	174	354	532	2938
11.0 - 11.9	216	225	179	165	44	26	10	50	92	95	185	317	1604
12.0 - 12.9	87	109	61	29	13	8	6	9	22	27	54	110	535
13.0 - 13.9	36	48	21	13	5	.	9	3	.	28	24	12	199
14.0 - 14.9	5	9	3	.	6	.	6	.	.	2	10	2	43
15.0 - 15.9	.	.	2	.	.	.	.	.	.	.	6	.	8
16.0 - 16.9	.	.	1	.	.	.	.	.	.	.	1	.	2
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 79

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	161	111	135	133	52	23	23	85	87	111	129	95	1145
11.25 - 33.74 (22.5)	59	59	42	39	23	22	6	30	72	63	69	39	523
33.75 - 56.24 (45.0)	46	80	57	27	21	19	8	47	58	65	38	44	510
56.25 - 78.74 (67.5)	144	179	159	70	73	18	9	40	130	177	164	134	1297
78.75 - 101.24 (90.0)	189	276	314	189	206	68	59	97	477	396	311	236	2818
101.25 - 123.74 (112.5)	316	254	273	329	411	227	295	346	846	682	472	550	5001
123.75 - 146.24 (135.0)	537	409	470	490	863	905	966	1014	1054	853	509	432	8502
146.25 - 168.74 (157.5)	363	464	510	509	674	662	448	603	446	511	464	565	6219
168.75 - 191.24 (180.0)	695	778	897	1166	1263	1419	1616	1291	454	534	646	761	11520
191.25 - 213.74 (202.5)	451	405	474	600	555	603	699	517	331	283	532	478	5928
213.75 - 236.24 (225.0)	225	133	211	252	247	270	222	272	223	182	251	235	2723
236.25 - 258.74 (247.5)	157	119	86	113	151	173	200	176	128	154	114	133	1704
258.75 - 281.24 (270.0)	350	286	234	281	189	217	239	188	151	362	325	277	3099
281.25 - 303.74 (292.5)	490	438	461	261	106	99	100	105	145	258	345	363	3171
303.75 - 326.24 (315.0)	487	325	425	202	75	49	39	71	91	211	263	398	2636
326.25 - 348.74 (337.5)	290	204	212	139	51	26	31	78	107	118	168	220	1644
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.75 N, LONG: 72.25 W, DEPTH: 38 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 79 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1261	.	.	.	.	.	.	.	.	.	1261
1.00 - 1.99	617	213	.	.	.	.	.	.	.	.	830
2.00 - 2.99	.	87	.	.	.	.	.	.	.	.	87
3.00 - 3.99	.	6	1	.	.	.	.	.	.	.	7
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1878	306	1	0	0	0	0	0	0	0	2185

STATION: 79 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	484	39	9	22	.	.	.	.	.	.	554
1.00 - 1.99	264	249	9	.	.	.	.	.	.	.	522
2.00 - 2.99	.	27	65	.	.	.	.	.	.	.	92
3.00 - 3.99	.	.	33	1	.	.	.	.	.	.	34
4.00 - 4.99	.	.	3	3	.	.	.	.	.	.	6
5.00 - 5.99	.	.	.	1	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	748	315	119	27	0	0	0	0	0	0	1209

STATION: 79 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	471	412	990	483	99	.	.	.	.	.	2455
1.00 - 1.99	123	871	637	121	20	1	.	.	.	.	1773
2.00 - 2.99	.	130	427	30	11	2	.	.	.	.	600
3.00 - 3.99	.	.	183	84	2	1	.	.	.	.	270
4.00 - 4.99	.	.	15	32	13	.	.	.	.	.	60
5.00 - 5.99	.	.	.	14	5	.	.	.	.	.	19
6.00 - 6.99	.	.	.	1	7	.	.	.	.	.	8
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	594	1413	2252	765	158	4	0	0	0	0	5186

STATION: 79 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	645	1043	4754	2303	609	59	8	.	.	.	9421
1.00 - 1.99	101	1173	1384	976	422	73	.	.	.	.	4129
2.00 - 2.99	.	81	432	273	116	33	.	.	.	.	935
3.00 - 3.99	.	.	73	170	90	13	.	.	.	.	346
4.00 - 4.99	.	.	1	30	31	4	1	.	.	.	67
5.00 - 5.99	.	.	.	6	6	.	1	.	.	.	13
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	746	2297	6644	3758	1275	182	10	0	0	0	14912

STATION: 79 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1340	3288	3574	880	147	6	.	.	.	.	9235
1.00 - 1.99	160	2356	2692	1291	290	9	.	.	.	.	6798
2.00 - 2.99	.	122	738	670	171	21	.	.	.	.	1722
3.00 - 3.99	.	.	90	298	69	9	.	.	.	.	466
4.00 - 4.99	.	.	5	42	23	6	.	.	.	.	76
5.00 - 5.99	.	.	.	1	4	5	.	.	.	.	10
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1500	5766	7099	3182	704	56	0	0	0	0	18307

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.75 N, LONG: 72.25 W, DEPTH: 38 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 79 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1597	1025	109	.	.	.	.	.	.	.	2731
1.00 - 1.99	115	1948	236	.	.	.	.	.	.	.	2299
2.00 - 2.99	.	90	507	118	.	.	.	.	.	.	715
3.00 - 3.99	.	.	83	119	.	.	.	.	.	.	202
4.00 - 4.99	.	.	.	21	1	.	.	.	.	.	22
5.00 - 5.99	.	.	.	4	1	.	.	.	.	.	5
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1712	3063	935	262	2	0	0	0	0	0	5974

STATION: 79 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1892		.	.	.	.	.	.	.	.	1892
1.00 - 1.99	1079	1808	.	.	.	.	.	.	.	.	2887
2.00 - 2.99	.	545	3	.	.	.	.	.	.	.	548
3.00 - 3.99	.	21	23	.	.	.	.	.	.	.	44
4.00 - 4.99	.	.	4	.	.	.	.	.	.	.	4
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2971	2374	30	0	0	0	0	0	0	0	5375

STATION: 79 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1540		.	.	.	.	.	.	.	.	1540
1.00 - 1.99	1369	1716	.	.	.	.	.	.	.	.	3085
2.00 - 2.99	.	619		.	.	.	.	.	.	.	619
3.00 - 3.99	.	34	14	.	.	.	.	.	.	.	48
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2909	2369	14	0	0	0	0	0	0	0	5292

STATION: 79 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	9230	5807	9436	3688	855	65	8	.	.	.	29089
1.00 - 1.99	3828	10334	4958	2388	732	83	.	.	.	.	22323
2.00 - 2.99	.	1701	2172	1091	298	56	.	.	.	.	5318
3.00 - 3.99	.	61	500	672	161	23	.	.	.	.	1417
4.00 - 4.99	.	.	28	128	68	10	1	.	.	.	235
5.00 - 5.99	.	.	.	26	16	5	1	.	.	.	48
6.00 - 6.99	.	.	.	1	8	.	.	.	.	.	9
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	13058	17903	17094	7994	2139	242	10	0	0	0	58440

STATION: 79

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	100	92	127	152	240	281	273	315	261	191	129	107	2268
2.50 - 4.99	1121	1105	1251	1655	2302	2579	3052	3007	2419	1891	1325	1235	22942
5.00 - 7.49	1004	884	1121	1298	1529	1407	1225	1251	1270	1273	1129	1009	14400
7.50 - 9.99	1140	1135	1285	1156	779	508	399	347	676	1039	1109	1085	10658
10.00 - 12.49	712	575	607	334	84	23	9	31	134	369	608	622	4108
12.50 - 14.99	570	537	438	158	22	2	2	9	39	168	385	612	2942
15.00 - 17.49	120	103	67	24	4	.	.	.	1	16	60	144	539
17.50 - 19.99	149	78	45	15	.	.	.	.	.	13	43	119	462
20.00 - GREATER	44	11	19	8	.	.	.	.	.	.	12	27	121
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.75 N, LONG: 72.25 W, DEPTH: 38 M

STATION: 79

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	600	555	584	525	408	282	253	458	544	504	553	568	5834
22.50 - 67.49	(45.0)	352	446	422	293	325	247	154	279	500	509	366	399	4292
67.50 - 112.49	(90.0)	242	330	389	262	278	196	96	130	394	397	309	382	3405
112.50 - 157.49	(135.0)	229	307	386	355	351	317	240	254	358	373	288	332	3790
157.50 - 202.49	(180.0)	428	315	412	604	750	837	837	683	569	536	589	440	7000
202.50 - 247.49	(225.0)	567	471	550	816	1112	1336	1477	1343	829	711	699	603	10514
247.50 - 292.49	(270.0)	1076	949	939	1050	1039	1090	1399	1144	899	1055	1010	992	12642
292.50 - 337.49	(315.0)	1466	1147	1278	895	697	495	504	669	707	875	986	1244	10963
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 79

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.74	1.22	1.25	1.19	0.82	0.98	0.87	0.83	0.90	1.07	1.16	1.17	1.10
1957	1.15	1.09	1.02	1.24	0.81	0.84	0.75	0.71	0.80	1.05	1.37	1.75	1.05
1958	1.53	1.53	1.41	1.49	1.11	1.03	0.81	0.94	0.80	1.38	1.29	1.29	1.22
1959	1.61	1.27	1.40	1.11	0.75	0.78	0.89	0.77	0.69	1.18	1.43	1.33	1.10
1960	1.22	1.80	1.36	1.15	0.95	0.94	0.84	0.72	0.88	1.04	1.10	1.26	1.10
1961	1.36	1.24	1.17	1.27	1.19	0.98	0.69	0.70	1.06	1.26	1.15	1.32	1.12
1962	1.42	1.22	1.60	1.34	0.76	0.77	0.80	0.89	0.91	1.10	1.55	1.64	1.17
1963	1.23	1.38	1.41	1.02	1.09	0.82	0.82	0.76	1.05	1.04	1.62	1.27	1.12
1964	1.88	1.53	1.50	1.10	1.03	0.85	0.93	0.81	1.11	0.99	1.13	1.49	1.20
1965	1.60	1.42	1.09	1.00	0.65	0.90	0.83	0.90	0.86	1.23	1.28	1.14	1.07
1966	1.69	1.22	1.19	0.87	1.01	0.99	0.80	0.79	1.15	1.00	1.30	1.54	1.13
1967	1.36	1.60	1.18	1.20	1.13	0.78	0.91	0.86	1.19	1.08	1.27	1.55	1.17
1968	1.44	1.43	1.54	1.11	0.99	0.90	0.60	0.59	0.68	1.08	1.49	1.74	1.13
1969	1.49	1.67	1.53	1.26	1.24	0.84	0.84	0.90	0.86	1.08	1.49	1.72	1.24
1970	1.21	1.72	1.17	1.26	1.01	0.92	0.87	0.88	0.78	1.17	1.27	1.57	1.15
1971	1.41	1.61	1.53	1.22	1.09	0.73	0.84	0.88	0.79	1.15	1.16	1.35	1.14
1972	1.33	1.44	1.42	1.00	1.38	1.17	0.76	0.70	1.04	1.07	1.17	1.44	1.16
1973	1.56	1.35	1.37	1.37	1.09	0.95	0.93	0.75	0.91	1.10	1.54	1.86	1.23
1974	1.05	1.38	1.44	1.42	0.99	0.93	0.66	0.69	0.86	0.94	1.39	1.58	1.11
1975	1.48	1.32	1.52	1.26	0.73	0.90	1.07	0.57	0.93	1.07	1.35	1.69	1.16
MEAN	1.44	1.42	1.36	1.19	0.99	0.90	0.83	0.78	0.91	1.10	1.32	1.48	

STATION: 79

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	5910 8	461021	44 910	371117	24 721	19 716	20 720	23 7 8	3710 9	24 6 8	35 819	37 727	5910 8
1957	34 8 9	27 629	36 8 8	361217	16 526	24 719	16 624	13 512	22 721	39 9 9	28 818	381021	39 9 9
1958	41 911	37 913	6311 8	38 8 8	271014	191113	16 527	21 717	191018	33 7 9	33 919	44 910	6311 8
1959	51 923	29 724	48 916	23 723	16 819	17 528	24 816	18 621	17 624	411014	38 918	48 924	51 923
1960	40 921	421119	36 8 9	321117	20 814	18 9 9	24 819	13 714	261017	34 8 8	31 922	491011	491011
1961	43 8 7	631110	30 911	35 811	411116	24 721	121114	15 719	391113	37 9 7	25 7 9	45 920	631110
1962	41 820	33 8 7	7112 9	341117	16 619	17 722	19 918	20 816	271010	31 921	43 8 9	511122	7112 9
1963	431018	34 921	35 920	29 629	27 917	19 817	21 618	30 718	30 9 8	27 631	54 924	34 919	54 924
1964	56 9 8	34 812	42 919	36 819	24 724	17 621	18 818	28 817	321115	26 815	38 817	381018	56 9 8
1965	37 8 8	541013	27 722	24 811	15 623	211014	16 720	18 720	22 717	33 822	40 922	31 723	541013
1966	521012	34 815	37 824	19 7 7	23 721	25 916	16 718	18 624	31 911	29 629	461215	38 824	521012
1967	36 812	42 923	30 8 9	35 9 8	29 8 7	18 7 9	15 818	17 620	31 816	36 921	321020	46 9 8	46 9 8
1968	43 912	411115	46 923	40 920	32 912	16 917	11 516	16 526	21 713	31 820	47 9 8	401020	47 9 8
1969	40 729	40 910	41 8 7	36 920	29 918	14 618	18 616	24 821	201013	33 823	451216	481012	481012
1970	37 920	561417	27 721	491020	221017	17 817	18 719	30 810	24 719	311013	37 921	551012	561417
1971	42 919	421117	511119	51 9 9	24 819	16 815	18 918	26 918	16 914	28 810	51 910	38 923	51 910
1972	33 921	38 9 9	33 819	23 7 7	271016	35 914	15 620	21 619	28 7 7	27 822	33 814	31 8 9	38 9 9
1973	35 918	36 916	40 921	35 812	26 817	20 715	19 716	17 718	29 723	39 822	39 921	48 919	48 919
1974	33 824	35 819	401010	41 919	24 820	20 816	17 624	22 721	27 722	33 821	40 9 7	681110	681110
1975	41 819	591120	571016	44 9 7	18 7 8	30 7 7	371212	15 526	35 822	28 8 9	38 822	531012	591120
MAX	5910 8	631110	7112 9	51 9 9	411116	35 914	371212	30 810	391113	411014	54 924	681110	

MAX Hmo(m): 7.1 MAX Tp(sec): 12. MAX Dp(deg): 94. DATE(gmt): 62030700

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 325. DATE(gmt): 62123018

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.75 N LONG: 72.00 W DEPTH: 38 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 80

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	273	283	280	271	406	222	379	507	449	340	387	312	4109
0.50 - 0.99	1246	1139	1318	1716	2105	2673	3007	3101	2642	1992	1364	1259	23562
1.00 - 1.49	1296	1127	1369	1355	1578	1439	1223	1049	1042	1324	1182	1117	15101
1.50 - 1.99	879	789	950	726	586	385	313	241	365	732	798	879	7643
2.00 - 2.49	555	504	481	410	211	65	22	36	145	312	520	547	3808
2.50 - 2.99	320	289	242	179	53	10	5	22	104	173	277	358	2032
3.00 - 3.49	198	201	173	80	14	5	5	4	35	54	138	239	1146
3.50 - 3.99	87	111	75	37	4	1	5	.	16	19	75	134	564
4.00 - 4.49	53	42	31	15	3	.	1	.	2	13	44	72	276
4.50 - 4.99	30	19	14	9	.	.	.	.	.	1	9	27	109
5.00 - 5.49	17	6	9	2	.	.	.	.	.	.	4	9	47
5.50 - 5.99	4	7	10	.	.	.	.	.	.	.	2	4	27
6.00 - 6.49	2	3	7	.	.	.	.	.	.	.	.	2	14
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	1	1
7.00 - 7.49	.	.	1	.	.	.	.	.	.	.	.	.	1
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 80

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	214	237	256	285	173	100	103	294	226	251	291	209	2639
4.0 - 4.9	905	732	883	726	576	520	576	774	851	809	731	729	8812
5.0 - 5.9	1072	905	1015	811	791	941	854	750	687	907	924	884	10541
6.0 - 6.9	720	652	687	637	910	1157	1052	974	615	726	753	709	9592
7.0 - 7.9	400	489	535	619	1110	1212	1300	1211	959	802	509	551	9697
8.0 - 8.9	482	462	532	648	776	565	747	600	816	813	532	460	7433
9.0 - 9.9	552	373	532	535	391	215	243	226	368	354	465	528	4782
10.0 - 10.9	284	299	280	347	172	59	61	82	173	154	346	485	2742
11.0 - 11.9	223	212	170	153	39	25	6	37	90	89	166	297	1507
12.0 - 12.9	73	107	45	30	12	6	4	10	15	19	46	96	463
13.0 - 13.9	30	47	23	9	5	.	8	2	.	32	24	11	191
14.0 - 14.9	5	5	1	.	5	.	6	.	.	3	7	1	33
15.0 - 15.9	.	.	1	.	.	.	.	.	.	1	6	.	8
16.0 - 16.9	.	.	.	.	.	.	.	.	.	.	.	.	0
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 80

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	137	90	124	109	53	18	20	85	88	107	125	100	1056
11.25 - 33.74 (22.5)	71	81	66	47	25	31	7	25	73	81	68	37	612
33.75 - 56.24 (45.0)	84	138	108	59	48	21	15	68	95	129	79	93	937
56.25 - 78.74 (67.5)	163	150	170	80	80	21	9	44	143	154	191	151	1356
78.75 - 101.24 (90.0)	153	240	252	164	217	59	64	103	449	369	278	213	2561
101.25 - 123.74 (112.5)	268	223	246	304	350	213	258	330	799	648	432	517	4588
123.75 - 146.24 (135.0)	490	371	422	455	766	849	884	903	970	786	465	385	7746
146.25 - 168.74 (157.5)	354	425	451	441	602	599	419	542	440	486	417	512	5688
168.75 - 191.24 (180.0)	658	770	882	1104	1287	1406	1541	1309	458	534	603	696	11248
191.25 - 213.74 (202.5)	478	393	509	686	659	712	871	571	360	294	555	500	6588
213.75 - 236.24 (225.0)	228	167	251	301	280	323	284	346	263	189	290	271	3193
236.25 - 258.74 (247.5)	208	153	99	145	178	192	215	192	159	215	152	181	2089
258.75 - 281.24 (270.0)	433	401	347	331	197	205	240	199	170	393	407	348	3671
281.25 - 303.74 (292.5)	500	402	424	234	107	89	73	105	130	247	330	373	3014
303.75 - 326.24 (315.0)	461	324	416	196	66	41	33	71	91	218	254	383	2554
326.25 - 348.74 (337.5)	274	192	193	144	45	21	27	67	112	110	154	200	1539
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.75 N, LONG: 72.00 W, DEPTH: 38 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 80 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1099	.	.	.	.	.	.	.	.	.	1099
1.00 - 1.99	620	173	.	.	.	.	.	.	.	.	793
2.00 - 2.99	.	97	.	.	.	.	.	.	.	.	97
3.00 - 3.99	.	8	1	.	.	.	.	.	.	.	9
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1719	278	1	0	0	0	0	0	0	0	1998

STATION: 80 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	498	85	28	47	2	.	.	.	.	.	660
1.00 - 1.99	104	560	12	.	.	.	.	.	.	.	676
2.00 - 2.99	.	224	84	.	.	.	.	.	.	.	308
3.00 - 3.99	.	1	174	1	.	.	.	.	.	.	176
4.00 - 4.99	.	.	54	6	.	.	.	.	.	.	60
5.00 - 5.99	.	.	4	8	.	.	.	.	.	.	12
6.00 - 6.99	.	.	.	3	.	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	602	870	356	65	2	0	0	0	0	0	1895

STATION: 80 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	428	421	935	430	80	.	.	.	.	.	2294
1.00 - 1.99	76	830	628	130	24	2	.	.	.	.	1690
2.00 - 2.99	.	112	332	21	11	1	.	.	.	.	477
3.00 - 3.99	.	.	148	52	.	1	.	.	.	.	201
4.00 - 4.99	.	.	27	40	4	.	.	.	.	.	71
5.00 - 5.99	.	.	.	9	12	.	.	.	.	.	21
6.00 - 6.99	.	.	.	3	6	.	.	.	.	.	9
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	504	1363	2070	685	138	4	0	0	0	0	4764

STATION: 80 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	572	969	4286	2002	498	45	7	.	.	.	8379
1.00 - 1.99	102	1129	1305	890	397	75	.	.	.	.	3898
2.00 - 2.99	.	81	420	248	100	25	.	.	.	.	874
3.00 - 3.99	.	.	74	169	75	18	.	.	.	.	336
4.00 - 4.99	.	.	2	30	34	4	.	.	.	.	70
5.00 - 5.99	.	.	.	7	6	1	.	.	.	.	14
6.00 - 6.99	.	.	.	.	3	.	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	674	2179	6087	3346	1113	168	7	0	0	0	13574

STATION: 80 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1238	3162	3426	804	117	5	.	.	.	.	8752
1.00 - 1.99	163	2332	2987	1398	292	9	.	.	.	.	7181
2.00 - 2.99	.	116	719	623	169	15	1	.	.	.	1643
3.00 - 3.99	.	.	102	285	90	12	.	.	.	.	489
4.00 - 4.99	.	.	4	75	37	5	.	.	.	.	121
5.00 - 5.99	.	.	.	3	10	6	.	.	.	.	19
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1401	5610	7238	3188	715	52	1	0	0	0	18205

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.75 N, LONG: 72.00 W, DEPTH: 38 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 80 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1676	1293	164	.	.	.	.	.	.	.	3133
1.00 - 1.99	103	2350	347	2	.	.	.	.	.	.	2802
2.00 - 2.99	.	118	466	35	.	.	.	.	.	.	619
3.00 - 3.99	.	.	109	158	.	.	.	.	.	.	267
4.00 - 4.99	.	.	5	38	2	.	.	.	.	.	45
5.00 - 5.99	.	.	.	7	.	.	.	.	.	.	7
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1779	3761	1091	240	2	0	0	0	0	0	6873

STATION: 80 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1734	192	.	.	.	.	.	.	.	.	1926
1.00 - 1.99	221	2468	.	.	.	.	.	.	.	.	2689
2.00 - 2.99	.	1127	78	.	.	.	.	.	.	.	1205
3.00 - 3.99	.	8	176	.	.	.	.	.	.	.	184
4.00 - 4.99	.	.	18	.	.	.	.	.	.	.	18
5.00 - 5.99	.	.	1	.	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0

STATION: 80 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1428	.	.	.	.	.	.	.	.	.	1428
1.00 - 1.99	1389	1626	.	.	.	.	.	.	.	.	3015
2.00 - 2.99	.	617	.	.	.	.	.	.	.	.	617
3.00 - 3.99	.	34	14	.	.	.	.	.	.	.	48
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2817	2277	14	0	0	0	0	0	0	0	5108

STATION: 80 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	8673	6122	8839	3283	697	50	7	.	.	.	27671
1.00 - 1.99	2778	11468	5279	2420	713	86	.	.	.	.	22744
2.00 - 2.99	.	2492	2099	927	280	41	1	.	.	.	5840
3.00 - 3.99	.	51	798	665	165	31	.	.	.	.	1710
4.00 - 4.99	.	.	110	189	77	9	.	.	.	.	385
5.00 - 5.99	.	.	5	34	28	7	.	.	.	.	74
6.00 - 6.99	.	.	.	6	9	.	.	.	.	.	15
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11451	20133	17130	7524	1970	224	8	0	0	0	58440

STATION: 80

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	86	71	107	125	201	224	210	264	220	169	105	93	1875
2.50 - 4.99	1068	1067	1187	1619	2287	2602	3061	3020	2389	1856	1282	1203	22641
5.00 - 7.49	1026	898	1135	1314	1549	1416	1263	1263	1307	1303	1141	1010	14625
7.50 - 9.99	1159	1156	1323	1194	806	530	413	370	695	1054	1174	1103	10977
10.00 - 12.49	724	583	623	344	89	26	10	32	147	375	586	627	4166
12.50 - 14.99	590	543	449	154	24	2	3	11	41	174	392	631	3014
15.00 - 17.49	118	108	69	27	3	.	.	.	1	15	63	157	561
17.50 - 19.99	148	85	46	14	1	.	.	.	.	14	45	109	462
20.00 - GREATER	41	9	21	9	.	.	.	.	.	.	12	27	119
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 40.75 N, LONG: 72.00 W, DEPTH: 38 M

STATION: 80

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION	WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	603	553	586	529	403	270	244	437	542	496	550	580	5793
22.50 - 67.49	(45.0)	363	463	444	307	337	257	155	283	526	534	383	427	4479
67.50 - 112.49	(90.0)	245	317	368	241	281	193	87	126	362	388	316	372	3296
112.50 - 157.49	(135.0)	226	302	367	354	331	312	220	239	336	352	283	327	3649
157.50 - 202.49	(180.0)	410	304	412	576	753	820	829	673	556	531	588	428	6880
202.50 - 247.49	(225.0)	565	474	554	838	1138	1409	1554	1419	860	725	719	615	10870
247.50 - 292.49	(270.0)	1090	959	950	1060	1033	1061	1378	1124	916	1066	987	986	12610
292.50 - 337.49	(315.0)	1458	1148	1279	895	684	478	493	659	702	868	974	1225	10863
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 80

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.84	1.29	1.33	1.24	0.86	1.02	0.90	0.86	0.93	1.13	1.19	1.22	1.15
1957	1.21	1.19	1.08	1.30	0.85	0.84	0.79	0.74	0.82	1.08	1.43	1.86	1.10
1958	1.59	1.63	1.47	1.55	1.15	1.08	0.86	0.97	0.84	1.42	1.37	1.37	1.27
1959	1.68	1.36	1.51	1.17	0.78	0.82	0.92	0.80	0.71	1.23	1.49	1.44	1.16
1960	1.29	1.92	1.40	1.22	0.98	0.98	0.87	0.76	0.91	1.12	1.17	1.33	1.16
1961	1.44	1.30	1.24	1.34	1.24	1.03	0.72	0.72	1.12	1.36	1.17	1.40	1.17
1962	1.51	1.30	1.72	1.40	0.78	0.80	0.85	0.92	0.96	1.16	1.61	1.72	1.23
1963	1.30	1.45	1.48	1.07	1.13	0.86	0.86	0.79	1.11	1.08	1.69	1.35	1.18
1964	2.01	1.62	1.61	1.14	1.09	0.90	0.97	0.84	1.15	1.03	1.20	1.54	1.26
1965	1.71	1.48	1.14	1.04	0.69	0.93	0.87	0.93	0.88	1.28	1.34	1.16	1.12
1966	1.76	1.28	1.26	0.91	1.05	1.03	0.83	0.82	1.20	1.05	1.34	1.64	1.18
1967	1.43	1.72	1.25	1.27	1.21	0.80	0.96	0.90	1.23	1.12	1.34	1.62	1.23
1968	1.50	1.54	1.61	1.16	1.03	0.93	0.61	0.61	0.70	1.13	1.56	1.86	1.19
1969	1.59	1.85	1.61	1.31	1.27	0.86	0.87	0.95	0.90	1.14	1.56	1.77	1.30
1970	1.27	1.81	1.27	1.32	1.04	0.96	0.90	0.91	0.80	1.21	1.31	1.62	1.20
1971	1.49	1.69	1.65	1.28	1.14	0.76	0.88	0.91	0.80	1.19	1.21	1.40	1.20
1972	1.38	1.52	1.48	1.05	1.43	1.21	0.79	0.74	1.10	1.12	1.24	1.51	1.21
1973	1.65	1.43	1.43	1.45	1.14	0.99	0.97	0.79	0.94	1.17	1.68	1.96	1.30
1974	1.12	1.47	1.51	1.49	1.03	0.96	0.70	0.72	0.91	0.97	1.53	1.65	1.17
1975	1.56	1.39	1.58	1.33	0.75	0.94	1.13	0.59	0.95	1.10	1.42	1.77	1.21
MEAN	1.52	1.51	1.43	1.25	1.03	0.94	0.86	0.81	0.95	1.15	1.39	1.56	

STATION: 80

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	6210 8	481021	46 910	381118	26 721	19 716	21 719	29 7 6	38 9 8	26 7 6	34 820	37 727	6210 8
1957	36 8 8	30 629	40 8 7	381217	18 625	24 718	16 621	13 719	24 721	39 9 9	30 7 5	44 8 4	44 8 4
1958	44 911	391019	6311 8	44 8 3	281014	20 619	18 626	21 718	221018	32 8 9	36 727	42 911	6311 8
1959	52 924	31 724	47 916	26 819	17 527	18 627	26 816	17 525	18 525	431113	411020	491021	52 924
1960	40 921	481120	43 8 3	321117	21 714	19 626	27 819	14 713	27 915	38 8 7	36 729	551010	551010
1961	49 9 8	641110	33 728	34 919	421216	26 721	121114	15 719	43 8 8	45 8 3	29 7 8	44 921	641110
1962	41 921	40 8 6	7212 9	36 918	16 719	17 722	19 918	20 816	31 7 4	34 728	43 910	491024	7212 9
1963	49 827	40 729	391019	32 728	27 917	19 817	20 719	31 718	34 7 4	27 630	561023	401020	561023
1964	58 9 7	37 8 8	44 919	36 819	26 725	20 627	19 6 5	26 817	321115	26 917	371017	35 918	58 9 7
1965	41 8 7	551013	28 722	26 817	16 526	24 6 4	17 622	18 627	21 718	33 921	40 922	30 723	551013
1966	511021	401120	401019	23 6 3	23 721	251017	17 719	18 623	31 914	33 724	451215	431019	511021
1967	37 812	46 9 7	33 7 7	45 8 3	34 7 3	22 6 5	16 818	17 620	30 7 6	36 921	37 728	49 9 7	49 9 7
1968	40 913	46 9 7	5410 9	38 920	32 912	17 917	11 519	18 625	21 814	31 820	48 9 8	461021	5410 9
1969	46 828	46 9 9	45 8 5	35 921	30 919	14 619	18 615	24 821	21 816	33 823	451216	511013	511013
1970	37 921	571416	33 8 9	471118	22 918	17 621	18 720	33 7 5	24 821	32 914	41 912	551012	571416
1971	46 921	431217	581119	511012	24 820	16 816	19 918	26 918	16 914	28 810	521011	38 923	581119
1972	33 821	3810 9	33 819	28 7 5	31 7 3	35 914	15 620	21 619	33 7 4	28 810	33 915	31 911	3810 9
1973	35 819	38 916	41 923	34 914	26 818	21 715	19 716	18 718	28 823	39 924	43 921	50 922	50 922
1974	34 823	36 921	40 9 8	39 920	25 719	20 816	18 623	22 721	31 822	33 821	51 9 5	681110	681110
1975	44 910	591023	581116	54 9 5	24 7 7	31 7 6	401312	17 624	35 822	29 7 7	41 8 7	57 9 6	591023
MAX	6210 8	641110	7212 9	54 9 5	421216	35 914	401312	33 7 5	43 8 8	45 8 3	561023	681110	

MAX Hmo(m): 7.2 MAX Tp(sec): 12. MAX Dp(deg): 94. DATE(gmt): 62030700

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 325. DATE(gmt): 62123018

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.00 N, LONG: 71.75 W, DEPTH: 36 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 81

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	363	363	398	384	551	318	480	645	584	473	490	409	5458
0.50 - 0.99	1400	1309	1428	1929	2300	2886	3211	3226	2705	2142	1472	1368	25376
1.00 - 1.49	1331	1126	1425	1311	1385	1257	1043	885	955	1308	1197	1148	14371
1.50 - 1.99	900	824	900	645	509	270	197	153	297	627	838	915	7075
2.00 - 2.49	423	454	389	311	154	56	16	33	124	240	450	509	3159
2.50 - 2.99	257	218	205	116	47	8	6	15	91	108	167	277	1515
3.00 - 3.49	162	124	107	54	9	4	5	3	29	38	89	169	793
3.50 - 3.99	74	55	59	37	3	1	2	.	14	18	57	95	415
4.00 - 4.49	24	24	21	11	2	.	.	.	1	6	25	35	149
4.50 - 4.99	10	10	9	1	.	.	.	.	.	.	11	21	62
5.00 - 5.49	13	9	12	1	.	.	.	.	.	.	3	8	46
5.50 - 5.99	2	2	3	.	.	.	.	.	.	.	1	4	12
6.00 - 6.49	1	1	4	.	.	.	.	.	.	.	.	1	7
6.50 - 6.99	.	1	.	.	.	.	.	.	.	.	.	1	2
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 81

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	385	351	398	406	277	240	291	472	338	437	400	328	4323
4.0 - 4.9	1012	856	985	835	593	574	493	690	831	902	852	791	9414
5.0 - 5.9	905	796	893	603	536	686	627	617	579	765	806	817	8630
6.0 - 6.9	485	465	492	445	845	1099	1038	973	597	508	534	474	7955
7.0 - 7.9	420	384	484	597	1158	1300	1289	1221	949	801	458	476	9537
8.0 - 8.9	418	408	476	673	814	578	862	619	820	787	505	437	7397
9.0 - 9.9	597	383	542	596	500	223	271	236	374	404	514	557	5197
10.0 - 10.9	350	390	370	408	167	76	64	77	190	205	413	584	3294
11.0 - 11.9	266	291	212	189	47	20	5	44	103	97	218	358	1850
12.0 - 12.9	87	126	71	31	14	4	5	11	19	25	58	116	567
13.0 - 13.9	31	64	24	11	5	.	11	.	.	26	27	20	219
14.0 - 14.9	4	6	8	6	4	.	4	.	.	2	8	2	44
15.0 - 15.9	.	.	3	.	.	.	.	.	.	1	7	.	11
16.0 - 16.9	.	.	2	.	.	.	.	.	.	.	.	.	2
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 81

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	189	137	145	163	63	26	21	97	100	137	141	142	1361
11.25 - 33.74 (22.5)	76	93	83	55	30	30	15	28	88	87	92	56	733
33.75 - 56.24 (45.0)	81	140	105	57	56	27	9	62	89	131	85	95	937
56.25 - 78.74 (67.5)	113	116	128	66	57	11	10	43	113	137	126	99	1019
78.75 - 101.24 (90.0)	210	267	271	153	208	44	43	92	423	354	320	243	2628
101.25 - 123.74 (112.5)	284	282	277	331	423	242	327	351	876	715	486	560	5154
123.75 - 146.24 (135.0)	536	414	476	505	801	910	933	935	990	792	506	445	8243
146.25 - 168.74 (157.5)	408	478	544	545	718	651	471	612	504	542	464	582	6519
168.75 - 191.24 (180.0)	839	925	1050	1330	1439	1572	1782	1435	524	598	803	892	13189
191.25 - 213.74 (202.5)	402	317	395	540	519	556	659	524	320	304	507	425	5468
213.75 - 236.24 (225.0)	221	117	160	225	219	259	227	234	203	160	183	207	2415
236.25 - 258.74 (247.5)	111	80	51	85	98	123	155	147	109	129	85	80	1253
258.75 - 281.24 (270.0)	221	208	175	180	120	169	172	153	140	288	211	168	2205
281.25 - 303.74 (292.5)	386	362	353	199	85	96	78	96	124	215	295	277	2566
303.75 - 326.24 (315.0)	505	328	451	185	76	51	26	79	88	220	289	384	2682
326.25 - 348.74 (337.5)	378	256	296	181	48	33	32	72	109	151	207	305	2068
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.00 N, LONG: 71.75 W, DEPTH: 36 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 81 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1378	.	.	.	.	.	.	.	.	.	1378
1.00 - 1.99	784	376	.	.	.	.	.	.	.	.	1160
2.00 - 2.99	.	145	.	.	.	.	.	.	.	.	145
3.00 - 3.99	.	8	.	.	.	.	.	.	.	.	8
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2162	529	0	0	0	0	0	0	0	0	2691

STATION: 81 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	569	59	.	.	.	.	.	.	.	.	628
1.00 - 1.99	112	659	.	.	.	.	.	.	.	.	771
2.00 - 2.99	.	208	42	.	.	.	.	.	.	.	250
3.00 - 3.99	.	2	119	.	.	.	.	.	.	.	121
4.00 - 4.99	.	.	16	.	.	.	.	.	.	.	16
5.00 - 5.99	.	.	4	.	.	.	.	.	.	.	4
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	681	928	181	0	0	0	0	0	0	0	1790

STATION: 81 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	436	395	861	763	332	23	1	.	.	.	2811
1.00 - 1.99	88	787	414	168	58	10	2	.	.	.	1527
2.00 - 2.99	.	177	262	15	8	1	.	.	.	.	463
3.00 - 3.99	.	.	147	51	4	1	.	.	.	.	203
4.00 - 4.99	.	.	17	42	3	.	.	.	.	.	62
5.00 - 5.99	.	.	.	15	12	1	.	.	.	.	28
6.00 - 6.99	.	.	.	.	5	.	.	.	.	.	5
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	524	1359	1701	1054	422	36	3	0	0	0	5099

STATION: 81 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	604	1125	4628	2155	561	69	7	.	.	.	9149
1.00 - 1.99	94	1162	1342	956	371	51	1	.	.	.	3977
2.00 - 2.99	.	93	435	296	107	35	.	.	.	.	966
3.00 - 3.99	.	.	75	180	78	14	.	.	.	.	347
4.00 - 4.99	.	.	.	22	30	4	1	.	.	.	57
5.00 - 5.99	.	.	.	6	5	.	1	.	.	.	12
6.00 - 6.99	.	.	.	.	3	1	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	698	2380	6480	3615	1155	174	10	0	0	0	14512

STATION: 81 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1357	3518	4187	1106	164	7	.	.	.	.	10339
1.00 - 1.99	190	2357	2834	1676	341	14	.	.	.	.	7412
2.00 - 2.99	.	129	687	744	223	19	.	.	.	.	1802
3.00 - 3.99	.	.	109	189	87	6	.	.	.	.	391
4.00 - 4.99	.	.	3	38	21	3	.	.	.	.	65
5.00 - 5.99	.	.	.	3	4	4	.	.	.	.	11
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1547	6004	7820	3756	840	53	0	0	0	0	20020

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.00 N LONG: 71.75 W DEPTH: 36 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 81 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1603	999	108	.	.	.	.	.	.	.	2710
1.00 - 1.99	144	1636	278	21	.	.	.	.	.	.	2079
2.00 - 2.99	.	88	284	4	.	.	.	.	.	.	376
3.00 - 3.99	.	.	60	29	.	.	.	.	.	.	89
4.00 - 4.99	.	.	2	9	.	.	.	.	.	.	11
5.00 - 5.99	.	.	.	3	.	.	.	.	.	.	3
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1747	2723	732	66	0	0	0	0	0	0	5268

STATION: 81 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2393	.	.	.	.	.	.	.	.	.	2393
1.00 - 1.99	1140	255	.	.	.	.	.	.	.	.	1395
2.00 - 2.99	.	63	.	.	.	.	.	.	.	.	63
3.00 - 3.99	.	4	3	.	.	.	.	.	.	.	7
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3533	322	3	0	0	0	0	0	0	0	3858

STATION: 81 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1426	.	.	.	.	.	.	.	.	.	1426
1.00 - 1.99	1419	1706	.	.	.	.	.	.	.	.	3125
2.00 - 2.99	.	609	.	.	.	.	.	.	.	.	609
3.00 - 3.99	.	25	17	.	.	.	.	.	.	.	42
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2845	2340	17	0	0	0	0	0	0	0	5202

STATION: 81 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	9766	6096	9784	4024	1057	99	8	.	.	.	30834
1.00 - 1.99	3971	8938	4868	2821	770	75	3	.	.	.	21446
2.00 - 2.99	.	1512	1710	1059	338	55	.	.	.	.	4674
3.00 - 3.99	.	39	530	449	169	21	.	.	.	.	1208
4.00 - 4.99	.	.	38	111	54	7	1	.	.	.	211
5.00 - 5.99	.	.	4	27	21	5	1	.	.	.	58
6.00 - 6.99	.	.	.	.	8	1	.	.	.	.	9
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	13737	16585	16934	8491	2417	263	13	0	0	0	58440

STATION: 81

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	89	81	124	139	230	243	240	285	255	176	117	106	2085
2.50 - 4.99	1099	1071	1203	1658	2312	2595	3020	2993	2381	1913	1310	1225	22780
5.00 - 7.49	1003	926	1088	1286	1488	1391	1276	1246	1261	1256	1126	983	14330
7.50 - 9.99	1147	1121	1319	1176	812	539	408	388	715	1032	1160	1045	10862
10.00 - 12.49	727	580	619	332	87	31	13	36	145	376	553	667	4166
12.50 - 14.99	568	533	458	164	27	1	3	12	41	176	408	625	3016
15.00 - 17.49	129	107	77	18	3	.	.	.	1	16	67	167	585
17.50 - 19.99	146	91	51	16	1	.	.	.	1	15	46	115	482
20.00 - GREATER	52	10	21	11	.	.	.	.	.	.	13	27	134
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.00 N, LONG: 71.75 W, DEPTH: 36 M

STATION: 81

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	595	548	582	546	418	283	226	422	528	508	554	592	5802
22.50 - 67.49 (45.0)	375	475	463	322	326	251	148	290	557	534	403	422	4566
67.50 - 112.49 (90.0)	249	315	358	217	267	189	101	119	334	366	308	371	3194
112.50 - 157.49 (135.0)	226	297	360	363	328	283	204	225	303	324	280	322	3515
157.50 - 202.49 (180.0)	374	305	410	552	762	793	805	634	540	520	602	425	6722
202.50 - 247.49 (225.0)	604	465	523	845	1174	1484	1655	1477	905	773	721	615	11241
247.50 - 292.49 (270.0)	1100	952	971	1072	1019	1051	1320	1143	927	1084	963	975	12577
292.50 - 337.49 (315.0)	1437	1163	1293	883	666	466	501	650	706	851	969	1238	10823
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 81

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.79	1.18	1.22	1.13	0.79	0.96	0.84	0.81	0.86	1.03	1.11	1.13	1.07
1957	1.14	1.05	0.99	1.18	0.76	0.79	0.70	0.70	0.78	1.00	1.30	1.69	1.01
1958	1.51	1.42	1.41	1.47	1.09	0.98	0.74	0.89	0.79	1.33	1.18	1.21	1.17
1959	1.55	1.22	1.32	1.07	0.71	0.74	0.85	0.75	0.68	1.17	1.38	1.29	1.06
1960	1.16	1.69	1.35	1.11	0.90	0.92	0.82	0.72	0.86	1.00	1.03	1.20	1.06
1961	1.30	1.20	1.15	1.17	1.15	0.96	0.67	0.66	1.06	1.22	1.09	1.26	1.07
1962	1.36	1.26	1.56	1.25	0.73	0.73	0.77	0.87	0.88	1.05	1.51	1.55	1.13
1963	1.21	1.31	1.36	0.97	1.09	0.76	0.79	0.72	1.06	0.99	1.57	1.21	1.08
1964	1.76	1.48	1.45	1.04	0.98	0.81	0.91	0.79	1.07	0.97	1.10	1.45	1.15
1965	1.52	1.34	1.06	0.98	0.64	0.89	0.81	0.87	0.84	1.17	1.21	1.09	1.03
1966	1.65	1.18	1.14	0.82	0.98	0.96	0.78	0.76	1.12	0.95	1.28	1.47	1.09
1967	1.31	1.53	1.18	1.18	1.11	0.77	0.91	0.85	1.13	1.06	1.18	1.51	1.14
1968	1.42	1.28	1.50	1.10	0.97	0.88	0.58	0.60	0.66	1.01	1.41	1.59	1.08
1969	1.37	1.67	1.47	1.21	1.21	0.83	0.83	0.89	0.85	1.02	1.45	1.69	1.20
1970	1.18	1.61	1.11	1.19	0.98	0.92	0.84	0.86	0.74	1.11	1.22	1.54	1.11
1971	1.29	1.51	1.43	1.15	1.08	0.73	0.81	0.84	0.76	1.09	1.13	1.27	1.09
1972	1.24	1.39	1.38	0.97	1.36	1.16	0.73	0.70	1.03	1.05	1.15	1.37	1.13
1973	1.40	1.32	1.30	1.27	1.05	0.91	0.93	0.76	0.89	1.03	1.38	1.80	1.17
1974	1.05	1.34	1.40	1.35	0.96	0.92	0.63	0.70	0.84	0.90	1.37	1.51	1.08
1975	1.40	1.23	1.47	1.21	0.71	0.87	1.07	0.55	0.91	1.01	1.31	1.69	1.12
MEAN	1.38	1.36	1.31	1.14	0.96	0.87	0.80	0.76	0.89	1.06	1.27	1.42	

STATION: 81

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	611312	471019	45 910	361117	26 720	19 716	22 719	26 6 3	3810 9	23 6 4	35 819	35 819	611312
1957	37 8 8	24 629	36 910	371216	16 623	24 721	17 620	14 519	24 720	36 8 9	31 818	381018	381018
1958	44 911	40 8 9	621210	39 7 3	281014	191012	14 427	21 717	22 534	29 7 9	32 810	391011	621210
1959	511018	26 716	47 915	24 817	14 622	15 817	24 816	17 621	19 723	441113	42 917	481020	511018
1960	39 919	42 912	38 7 3	331117	20 714	181011	24 918	14 714	28 814	35 7 7	32 819	521010	521010
1961	48 9 8	661110	33 8 9	28 6 7	401116	26 720	12 514	14 718	411113	38 8 5	26 7 9	44 919	661110
1962	40 819	40 8 7	641 9	36 917	15 619	17 622	18 918	20 715	281010	26 912	40 810	481120	6411 9
1963	331017	301019	33 918	241019	26 917	17 717	18 718	30 718	34 9 9	28 631	551120	30 716	551120
1964	521214	34 7 6	43 918	34 819	27 724	17 719	17 5 4	27 717	321115	25 917	361017	36 918	521214
1965	38 911	531013	27 721	26 817	16 622	211014	16 622	18 619	21 718	31 821	38 920	30 722	531013
1966	51 923	401021	291117	20 6 5	21 621	24 917	15 718	18 623	30 913	251016	451314	41 9 8	51 923
1967	38 811	41 921	31 9 9	44 8 5	33 7 5	22 7 9	15 718	17 619	28 916	34 821	241020	49 9 8	49 9 8
1968	39 811	43 8 5	501010	38 919	32 913	16 917	11 519	18 624	22 715	30 820	48 9 9	35 821	501010
1969	31 630	43 8 8	40 7 5	35 919	28 918	13 913	18 616	26 819	201013	30 821	411216	501013	501013
1970	37 821	521316	29 817	441018	211017	17 621	18 619	31 914	22 721	331013	371116	551012	551012
1971	41 821	421216	431118	50 910	23 720	16 816	17 918	24 918	15 914	28 810	52 910	38 920	52 910
1972	31 819	40 9 9	31 819	24 6 3	27 917	36 914	16 817	19 619	33 810	29 8 9	35 813	31 911	40 9 9
1973	33 818	38 916	401021	351013	26 817	21 715	19 716	17 718	28 822	40 920	40 823	491018	491018
1974	35 823	34 818	42 9 9	40 919	26 819	21 816	20 721	22 721	28 822	32 819	46 8 4	651212	651212
1975	49 9 9	561021	581015	47 8 5	22 6 5	27 6 5	371313	15 5 4	36 821	26 6 7	39 7 6	5911 9	5911 9
MAX	611312	661110	6411 9	50 910	401116	36 914	371313	31 914	411113	441113	551120	651212	

MAX Hmo(m): 6.6 MAX Tp(sec): 11. MAX Dp(deg): 104. DATE(gmt): 61020415

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 325. DATE(gmt): 64120112

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.00 N, LONG: 71.50 W, DEPTH: 46 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 82

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	295	271	314	285	453	234	376	526	473	403	402	328	4360
0.50 - 0.99	1186	1174	1226	1642	2060	2590	2965	3000	2566	1912	1276	1225	22822
1.00 - 1.49	1250	1063	1378	1380	1541	1523	1277	1157	1069	1340	1211	1082	15271
1.50 - 1.99	970	847	984	774	618	360	296	198	407	773	878	909	8014
2.00 - 2.49	603	547	524	414	200	78	27	56	131	319	544	618	4061
2.50 - 2.99	303	295	241	164	66	9	9	17	103	144	253	347	1951
3.00 - 3.49	176	177	152	67	14	5	6	6	28	37	112	218	998
3.50 - 3.99	97	86	77	45	4	1	4	.	19	22	76	129	560
4.00 - 4.49	44	30	28	23	4	.	.	.	4	5	30	58	226
4.50 - 4.99	15	11	12	3	.	.	.	.	.	5	10	24	80
5.00 - 5.49	12	9	13	2	.	.	.	.	.	.	4	14	54
5.50 - 5.99	6	7	6	1	.	.	.	.	.	.	4	4	28
6.00 - 6.49	2	2	3	.	.	.	.	.	.	.	.	2	9
6.50 - 6.99	1	1	2	.	.	.	.	.	.	.	.	1	5
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	1	1
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 82

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	188	193	213	218	162	88	104	228	156	200	234	187	2171
4.0 - 4.9	876	805	932	831	686	644	652	916	934	928	819	712	9735
5.0 - 5.9	1261	981	1182	860	696	858	742	783	785	1070	1089	1081	11388
6.0 - 6.9	636	642	578	500	886	1092	1097	1004	577	562	621	661	8856
7.0 - 7.9	379	364	496	616	1091	1250	1275	1154	905	760	446	470	9206
8.0 - 8.9	431	410	488	667	763	572	754	552	765	761	456	405	7024
9.0 - 9.9	510	328	471	556	457	197	240	203	381	386	462	500	4691
10.0 - 10.9	323	351	333	366	151	67	72	79	175	169	384	504	2974
11.0 - 11.9	247	271	171	164	43	26	6	36	103	70	203	303	1643
12.0 - 12.9	80	120	67	21	14	6	4	5	18	25	53	116	529
13.0 - 13.9	26	49	17	1	8	.	10	.	1	28	20	19	179
14.0 - 14.9	3	6	9	.	3	.	4	.	.	1	9	2	37
15.0 - 15.9	.	.	1	.	.	.	.	.	.	.	4	.	5
16.0 - 16.9	.	.	2	.	.	.	.	.	.	.	.	.	2
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 82

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	251	182	214	197	87	34	23	113	127	181	204	229	1842
11.25 - 33.74 (22.5)	123	136	125	65	47	40	19	47	127	117	136	97	1079
33.75 - 56.24 (45.0)	67	125	88	60	53	20	6	64	101	136	76	76	872
56.25 - 78.74 (67.5)	117	110	131	53	59	11	10	35	96	119	129	90	960
78.75 - 101.24 (90.0)	174	231	236	168	207	43	42	89	419	348	294	227	2478
101.25 - 123.74 (112.5)	232	250	231	286	354	205	268	286	769	629	414	457	4381
123.75 - 146.24 (135.0)	454	338	386	433	708	825	840	822	939	685	417	394	7241
146.25 - 168.74 (157.5)	377	379	434	407	563	560	388	552	476	518	394	484	5532
168.75 - 191.24 (180.0)	646	801	869	1111	1308	1407	1551	1328	461	569	630	704	11385
191.25 - 213.74 (202.5)	495	422	545	766	729	816	991	668	384	324	597	515	7252
213.75 - 236.24 (225.0)	248	171	227	296	282	307	303	325	252	189	272	256	3128
236.25 - 258.74 (247.5)	152	108	77	106	149	179	186	184	148	184	126	139	1738
258.75 - 281.24 (270.0)	341	290	244	262	164	194	200	177	156	341	314	264	2947
281.25 - 303.74 (292.5)	393	362	380	226	96	78	74	102	136	227	285	298	2657
303.75 - 326.24 (315.0)	525	355	467	197	88	53	31	94	96	240	311	428	2885
326.25 - 348.74 (337.5)	365	260	306	167	66	28	28	74	113	153	201	302	2063
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.00 N LONG: 71.50 W DEPTH: 46 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 82 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1182	4	.	.	.	.	.	.	.	.	1186
1.00 - 1.99	457	1124	.	.	.	.	.	.	.	.	1581
2.00 - 2.99	.	434	2	.	.	.	.	.	.	.	436
3.00 - 3.99	.	14	35	.	.	.	.	.	.	.	49
4.00 - 4.99	.	.	15	.	.	.	.	.	.	.	15
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1639	1576	52	0	0	0	0	0	0	0	3267

STATION: 82 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	518	36	2	2	.	.	.	.	.	.	558
1.00 - 1.99	87	769	.	.	.	.	.	.	.	.	856
2.00 - 2.99	.	245	36	.	.	.	.	.	.	.	281
3.00 - 3.99	.	2	122	.	.	.	.	.	.	.	124
4.00 - 4.99	.	.	21	.	.	.	.	.	.	.	21
5.00 - 5.99	.	.	6	.	.	.	.	.	.	.	6
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	605	1052	187	2	0	0	0	0	0	0	1846

STATION: 82 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	352	395	755	677	301	22	1	.	.	.	2503
1.00 - 1.99	80	701	427	154	36	4	.	.	.	.	1402
2.00 - 2.99	.	174	250	27	6	.	.	.	.	.	457
3.00 - 3.99	.	.	140	47	4	.	.	.	.	.	191
4.00 - 4.99	.	.	21	36	2	.	.	.	.	.	59
5.00 - 5.99	.	.	.	17	11	.	.	.	.	.	28
6.00 - 6.99	.	.	.	2	6	1	.	.	.	.	9
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	432	1270	1593	960	367	27	1	0	0	0	4650

STATION: 82 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	549	985	3974	1802	432	42	3	.	.	.	7787
1.00 - 1.99	99	1096	1202	836	288	35	.	.	.	.	3556
2.00 - 2.99	.	94	454	254	86	20	.	.	.	.	908
3.00 - 3.99	.	.	78	188	67	12	.	.	.	.	345
4.00 - 4.99	.	.	3	28	33	3	2	.	.	.	69
5.00 - 5.99	.	.	.	6	7	.	1	.	.	.	14
6.00 - 6.99	.	.	.	1	3	.	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	648	2175	5711	3115	916	112	6	0	0	0	12683

STATION: 82 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1157	3291	3453	842	105	5	.	.	.	.	8853
1.00 - 1.99	169	2210	3144	1436	348	16	.	.	.	.	7323
2.00 - 2.99	.	107	747	791	205	27	.	.	.	.	1877
3.00 - 3.99	.	.	91	256	159	16	.	.	.	.	522
4.00 - 4.99	.	.	4	40	54	7	.	.	.	.	105
5.00 - 5.99	.	.	.	5	10	6	.	.	.	.	21
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1326	5608	7439	3370	881	77	0	0	0	0	18701

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.00 N LONG: 71.50 W DEPTH: 46 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 82 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1592	1326	236	4	.	.	.	.	.	.	3158
1.00 - 1.99	119	2196	375	7	.	.	.	.	.	.	2697
2.00 - 2.99	.	112	474	68	.	.	.	.	.	.	654
3.00 - 3.99	.	.	109	105	3	.	.	.	.	.	217
4.00 - 4.99	.	.	6	24	1	.	.	.	.	.	31
5.00 - 5.99	.	.	.	10	3	.	.	.	.	.	13
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1711	3634	1200	218	8	0	0	0	0	0	6771

STATION: 82 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1626	.	.	.	.	.	.	.	.	.	1626
1.00 - 1.99	929	1611	.	.	.	.	.	.	.	.	2540
2.00 - 2.99	.	688	7	.	.	.	.	.	.	.	695
3.00 - 3.99	.	39	19	.	.	.	.	.	.	.	58
4.00 - 4.99	.	.	5	.	.	.	.	.	.	.	5
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2555	2338	31	0	0	0	0	0	0	0	4924

STATION: 82 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1511	.	.	.	.	.	.	.	.	.	1511
1.00 - 1.99	1479	1851	.	.	.	.	.	.	.	.	3330
2.00 - 2.99	.	704	.	.	.	.	.	.	.	.	704
3.00 - 3.99	.	36	16	.	.	.	.	.	.	.	52
4.00 - 4.99	.	.	1	.	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2990	2591	17	0	0	0	0	0	0	0	5598

STATION: 82 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	8487	6037	8420	3327	838	69	4	.	.	.	27182
1.00 - 1.99	3419	11558	5148	2433	672	55	.	.	.	.	23285
2.00 - 2.99	.	2558	1970	1140	297	47	.	.	.	.	6012
3.00 - 3.99	.	91	610	596	233	28	.	.	.	.	1558
4.00 - 4.99	.	.	76	128	90	10	2	.	.	.	306
5.00 - 5.99	.	.	6	38	31	6	1	.	.	.	82
6.00 - 6.99	.	.	.	3	10	1	.	.	.	.	14
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11906	20244	16230	7665	2172	216	7	0	0	0	58440

STATION: 82

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	99	102	125	157	253	279	279	301	279	200	138	129	2341
2.50 - 4.99	1088	1071	1205	1643	2285	2542	2973	2948	2350	1871	1297	1214	22487
5.00 - 7.49	1016	895	1072	1260	1473	1391	1279	1254	1246	1272	1121	969	14248
7.50 - 9.99	1143	1116	1299	1178	830	556	409	411	736	1027	1154	1030	10889
10.00 - 12.49	719	589	635	355	88	30	14	34	144	380	551	653	4192
12.50 - 14.99	560	524	466	160	26	2	6	12	42	173	420	646	3037
15.00 - 17.49	143	116	82	17	4	.	.	.	2	20	56	172	612
17.50 - 19.99	137	99	54	18	1	.	.	.	1	16	50	118	494
20.00 - GREATER	55	8	22	12	.	.	.	.	.	1	13	29	140
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.00 N, LONG: 71.50 W, DEPTH: 46 M

STATION: 82

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	621	572	609	558	420	301	217	431	548	541	588	615	6021
22.50 - 67.49	(45.0)	349	459	427	312	329	224	162	280	547	516	398	406	4409
67.50 - 112.49	(90.0)	252	308	366	214	244	169	87	113	318	354	297	369	3091
112.50 - 157.49	(135.0)	235	312	368	369	349	308	214	229	302	331	292	333	3642
157.50 - 202.49	(180.0)	375	304	434	538	778	792	819	640	550	512	605	430	6777
202.50 - 247.49	(225.0)	590	447	481	835	1171	1511	1685	1490	925	784	717	587	11223
247.50 - 292.49	(270.0)	1082	961	976	1088	1001	1027	1296	1124	907	1075	917	970	12424
292.50 - 337.49	(315.0)	1456	1157	1299	886	668	468	480	653	703	847	986	1250	10853
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 82

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.94	1.30	1.35	1.22	0.87	1.02	0.89	0.87	0.93	1.10	1.20	1.23	1.16
1957	1.24	1.18	1.08	1.29	0.85	0.82	0.79	0.74	0.82	1.06	1.40	1.86	1.09
1958	1.63	1.57	1.51	1.60	1.14	1.06	0.83	0.96	0.86	1.40	1.32	1.35	1.27
1959	1.67	1.37	1.50	1.17	0.78	0.81	0.90	0.80	0.72	1.24	1.49	1.45	1.16
1960	1.31	1.87	1.47	1.24	0.94	0.99	0.88	0.78	0.92	1.09	1.15	1.32	1.16
1961	1.42	1.29	1.27	1.33	1.24	1.03	0.72	0.70	1.16	1.33	1.16	1.38	1.17
1962	1.50	1.35	1.69	1.38	0.76	0.79	0.84	0.93	0.96	1.14	1.63	1.67	1.22
1963	1.34	1.44	1.48	1.07	1.16	0.82	0.85	0.78	1.14	1.08	1.70	1.33	1.18
1964	1.94	1.59	1.60	1.12	1.07	0.90	0.97	0.84	1.13	1.05	1.21	1.56	1.25
1965	1.67	1.45	1.18	1.06	0.69	0.96	0.86	0.92	0.87	1.27	1.31	1.17	1.11
1966	1.81	1.27	1.29	0.89	1.07	1.03	0.86	0.82	1.21	1.06	1.38	1.63	1.19
1967	1.42	1.69	1.30	1.32	1.22	0.80	0.97	0.90	1.19	1.14	1.30	1.66	1.24
1968	1.55	1.47	1.60	1.21	1.06	0.95	0.62	0.66	0.71	1.10	1.52	1.80	1.19
1969	1.53	1.86	1.59	1.31	1.28	0.86	0.88	0.96	0.91	1.12	1.54	1.80	1.30
1970	1.29	1.80	1.26	1.27	1.04	0.98	0.89	0.92	0.80	1.16	1.28	1.64	1.19
1971	1.44	1.63	1.60	1.28	1.17	0.78	0.88	0.91	0.79	1.13	1.23	1.38	1.18
1972	1.35	1.50	1.46	1.08	1.42	1.22	0.79	0.75	1.10	1.13	1.26	1.44	1.21
1973	1.56	1.44	1.38	1.39	1.12	0.98	1.00	0.82	0.93	1.14	1.57	1.94	1.27
1974	1.13	1.44	1.51	1.50	1.03	0.96	0.68	0.76	0.91	0.99	1.56	1.66	1.18
1975	1.54	1.35	1.61	1.34	0.75	0.96	1.16	0.59	0.96	1.09	1.43	1.84	1.22
MEAN	1.51	1.49	1.44	1.25	1.03	0.94	0.86	0.82	0.95	1.14	1.38	1.56	

STATION: 82

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	6410 9	521023	47 911	381118	26 721	19 716	22 719	27 7 6	411010	24 918	37 819	38 727	6410 9
1957	39 8 8	27 629	38 9 9	401217	19 623	24 721	17 621	14 720	26 721	36 8 9	30 818	40 916	40 916
1958	47 911	40 8 9	661211	42 7 2	291014	201012	18 527	21 719	231018	30 8 9	33 810	411011	661211
1959	541019	30 728	47 915	27 818	16 623	16 528	25 714	18 722	20 625	471113	43 917	501021	541019
1960	43 920	441120	44 7 0	361117	20 814	221010	26 918	151018	30 815	36 7 7	33 821	541010	541010
1961	52 9 8	681112	33 8 9	29 812	431216	27 720	14 623	15 719	421013	41 8 5	26 7 9	441022	681112
1962	40 919	41 8 7	6411 9	40 918	16 719	17 622	20 919	23 636	32 6 2	28 627	40 810	501122	6411 9
1963	43 727	361020	351020	30 629	28 917	18 918	19 719	31 818	37 9 9	29 635	581121	331021	581121
1964	551112	35 812	42 919	33 819	28 724	19 527	18 536	29 817	321015	25 6 4	381017	41 8 1	551112
1965	39 911	561013	27 722	26 816	16 623	211015	18 622	17 528	21 617	31 822	391022	31 812	561013
1966	651121	441022	351020	21 6 5	22 721	24 917	17 817	19 625	31 913	31 917	471315	43 9 9	651121
1967	39 912	46 922	36 9 9	46 8 5	37 7 3	24 6 8	16 819	17 620	29 916	35 822	31 628	49 9 9	49 9 9
1968	39 912	441113	471023	39 921	33 912	18 917	11 519	16 526	53 716	31 821	51 9 9	431120	51 9 9
1969	41 728	43 9 9	40 7 5	35 821	301018	14 619	17 615	26 821	211013	30 822	421217	51 912	51 912
1970	37 821	561417	29 7 6	561022	231017	19 719	18 720	33 810	23 821	341014	391016	581012	581012
1971	43 919	441217	531219	52 910	24 820	17 816	17 817	25 918	15 914	27 810	51 910	38 921	531219
1972	31 721	41 9 9	31 810	24 6 4	281017	37 915	17 818	19 619	36 810	28 821	35 814	31 911	41 9 9
1973	32 822	39 916	391022	371013	28 717	21 715	20 720	18 818	27 723	44 924	45 921	52 921	52 921
1974	35 823	34 818	43 910	41 920	26 820	22 816	20 722	24 821	30 816	32 821	47 8 4	701110	701110
1975	48 911	581021	601016	50 8 5	22 6 4	29 6 5	391313	16 5 4	38 922	27 6 1	41 8 8	6411 9	6411 9
MAX	651121	681112	661211	561022	431216	37 915	391313	33 810	421013	471113	581121	701110	

MAX Hmo(m): 7.0 MAX Tp(sec): 11. MAX Dp(deg): 101. DATE(gmt): 74120209

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 10. DATE(gmt): 67042812

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 71.25 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 83

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	385	382	426	393	624	372	525	746	805	668	558	430	6314
0.50 - 0.99	1304	1240	1320	1820	2230	2731	3024	3035	2572	2004	1422	1344	24046
1.00 - 1.49	1297	1195	1435	1376	1364	1346	1143	960	934	1292	1183	1130	14655
1.50 - 1.99	966	770	946	663	535	286	233	168	282	646	817	885	7197
2.00 - 2.49	529	499	452	333	162	55	26	39	123	251	464	551	3484
2.50 - 2.99	252	242	201	124	36	5	9	12	64	74	207	327	1553
3.00 - 3.49	150	118	112	54	4	5	.	.	17	13	98	177	748
3.50 - 3.99	56	36	37	29	3	.	.	.	3	7	35	75	281
4.00 - 4.49	11	21	16	7	2	.	.	.	.	5	8	32	102
4.50 - 4.99	9	9	8	1	.	.	.	.	.	.	5	7	39
5.00 - 5.49	1	3	7	.	.	.	.	.	.	.	3	2	16
5.50 - 5.99	.	5	.	.	.	.	.	.	.	.	.	.	5
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 83

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	357	332	371	345	318	156	201	468	467	506	440	346	4307
4.0 - 4.9	991	971	1075	972	832	775	830	1035	1263	1156	1038	876	11814
5.0 - 5.9	1207	964	1134	831	735	994	926	861	756	1005	990	1043	11446
6.0 - 6.9	572	540	471	468	920	1157	1101	1031	565	457	573	594	8449
7.0 - 7.9	308	258	407	519	932	1026	1050	921	694	613	361	393	7482
8.0 - 8.9	369	369	448	582	629	444	609	354	496	562	401	364	5627
9.0 - 9.9	441	317	420	478	368	146	155	166	276	326	325	414	3832
10.0 - 10.9	301	312	294	367	154	67	55	74	137	197	314	422	2694
11.0 - 11.9	246	247	206	191	45	26	5	39	105	72	237	339	1758
12.0 - 12.9	130	129	72	35	15	9	9	10	36	34	77	141	697
13.0 - 13.9	31	74	44	12	7	.	12	1	4	25	27	24	261
14.0 - 14.9	4	7	9	.	5	.	7	.	1	5	9	4	51
15.0 - 15.9	2	.	3	.	.	.	.	.	.	2	7	.	14
16.0 - 16.9	.	.	6	.	.	.	.	.	.	.	1	.	7
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	1	.	.	.	.	.	.	.	.	.	.	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 83

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	197	135	160	169	77	27	30	105	140	178	194	177	1589
11.25 - 33.74 (22.5)	93	125	125	57	47	33	14	63	128	107	116	82	990
33.75 - 56.24 (45.0)	63	139	84	46	54	20	7	46	106	140	94	70	869
56.25 - 78.74 (67.5)	76	82	86	57	48	18	11	30	108	100	101	81	798
78.75 - 101.24 (90.0)	99	88	139	72	61	23	5	26	134	105	98	130	980
101.25 - 123.74 (112.5)	76	117	133	78	62	39	23	46	95	109	107	109	994
123.75 - 146.24 (135.0)	220	210	195	237	410	364	368	422	874	604	338	309	4551
146.25 - 168.74 (157.5)	599	510	618	639	872	780	675	746	953	973	709	656	8730
168.75 - 191.24 (180.0)	991	1066	1183	1411	1622	1773	1901	1597	731	765	885	1074	14999
191.25 - 213.74 (202.5)	459	373	486	715	770	822	996	739	440	377	558	543	7278
213.75 - 236.24 (225.0)	181	144	163	229	260	324	319	333	288	198	226	176	2841
236.25 - 258.74 (247.5)	172	121	84	148	164	190	229	249	167	212	144	151	2031
258.75 - 281.24 (270.0)	389	338	304	313	193	211	238	233	209	409	364	306	3507
281.25 - 303.74 (292.5)	497	476	476	269	138	97	84	133	183	297	353	382	3385
303.75 - 326.24 (315.0)	525	377	454	196	115	52	30	108	118	243	287	425	2930
326.25 - 348.74 (337.5)	323	219	270	164	67	27	30	84	126	143	226	289	1968
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N LONG: 71.25 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 83 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1724										1724
1.00 - 1.99	818	330									1148
2.00 - 2.99		103									103
3.00 - 3.99		3									3
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	2542	436	0	0	0	0	0	0	0	0	2978

STATION: 83 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	787										787
1.00 - 1.99	484	295									779
2.00 - 2.99		168									168
3.00 - 3.99		10	1								11
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1271	473	1	0	0	0	0	0	0	0	1745

STATION: 83 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	582	36									618
1.00 - 1.99	142	619	1								762
2.00 - 2.99		132	156								288
3.00 - 3.99			87								87
4.00 - 4.99			8	3							11
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	724	787	252	3	0	0	0	0	0	0	1766

STATION: 83 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	789	1272	2829	1429	595	96	10				7020
1.00 - 1.99	104	987	484	284	186	19	1				2064
2.00 - 2.99		107	294	87	44	13	1				546
3.00 - 3.99			69	50	11	5	2				137
4.00 - 4.99				13	11	3	2				29
5.00 - 5.99					2						2
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	893	2366	3676	1863	849	136	15	0	0	0	9798

STATION: 83 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1657	4616	4409	1522	355	38	2				12599
1.00 - 1.99	162	2433	3277	1847	546	43	1				8309
2.00 - 2.99		100	713	937	360	52	1				2163
3.00 - 3.99			69	277	269	24	1				640
4.00 - 4.99				17	63	12	1				93
5.00 - 5.99				1	10	7					18
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1819	7149	8468	4601	1603	176	6	0	0	0	23822

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 71.25 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 83 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2073	1219	126	1	.	.	.	.	.	.	3419
1.00 - 1.99	135	2079	176	2	.	.	.	.	.	.	2392
2.00 - 2.99	.	143	322	16	.	.	.	.	.	.	481
3.00 - 3.99	.	.	42	34	.	.	.	.	.	.	76
4.00 - 4.99	.	.	.	6	2	.	.	.	.	.	8
5.00 - 5.99	.	.	.	.	1	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2208	3441	666	59	3	0	0	0	0	0	6377

STATION: 83 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2284	2	.	.	.	.	.	.	.	1	2287
1.00 - 1.99	1014	2064	.	.	.	.	.	.	.	.	3078
2.00 - 2.99	.	704	7	.	.	.	.	.	.	.	711
3.00 - 3.99	.	19	19	.	.	.	.	.	.	.	38
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3298	2789	26	0	0	0	0	0	0	1	6114

STATION: 83 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1906	.	.	.	.	.	.	.	.	.	1906
1.00 - 1.99	1460	1860	.	.	.	.	.	.	.	.	3320
2.00 - 2.99	.	577	.	.	.	.	.	.	.	.	577
3.00 - 3.99	.	17	20	.	.	.	.	.	.	.	37
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3366	2454	20	0	0	0	0	0	0	0	5840

STATION: 83 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	11802	7145	7364	2952	950	134	12	.	.	1	30360
1.00 - 1.99	4319	10667	3938	2133	732	62	1	.	.	.	21852
2.00 - 2.99	.	2034	1492	1040	404	65	2	.	.	.	5037
3.00 - 3.99	.	49	307	361	280	29	3	.	.	.	1029
4.00 - 4.99	.	.	8	39	76	15	3	.	.	.	141
5.00 - 5.99	.	.	.	1	13	7	.	.	.	.	21
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16121	19895	13109	6526	2455	312	21	0	0	1	58440

STATION: 83

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	108	113	135	168	266	258	265	293	282	202	148	122	2360
2.50 - 4.99	1084	1052	1186	1647	2258	2525	2937	2944	2341	1885	1289	1211	22359
5.00 - 7.49	989	891	1067	1242	1487	1412	1303	1248	1237	1238	1114	955	14183
7.50 - 9.99	1139	1116	1305	1181	826	572	433	425	755	1050	1143	1016	10961
10.00 - 12.49	737	613	636	352	88	31	18	38	143	378	559	653	4246
12.50 - 14.99	568	513	470	165	28	2	4	12	40	170	419	680	3071
15.00 - 17.49	139	114	80	17	6	.	.	.	1	22	61	181	621
17.50 - 19.99	138	99	59	16	1	.	.	.	1	14	54	114	496
20.00 - GREATER	58	9	22	12	.	.	.	.	.	1	13	28	143
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 71.25 W, DEPTH: 18 M

STATION: 83

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	640	578	602	587	427	288	215	419	559	542	607	655	6119
22.50 - 67.49 (45.0)	333	445	407	284	311	211	155	239	506	494	383	386	4154
67.50 - 112.49 (90.0)	258	292	364	208	238	164	77	128	326	336	275	351	3017
112.50 - 157.49 (135.0)	240	333	395	389	361	313	221	224	287	339	318	344	3764
157.50 - 202.49 (180.0)	374	298	428	538	788	802	832	655	557	541	612	436	6861
202.50 - 247.49 (225.0)	572	442	447	804	1154	1494	1692	1467	932	758	704	591	11057
247.50 - 292.49 (270.0)	1083	934	977	1069	994	1034	1276	1161	907	1080	897	934	12346
292.50 - 337.49 (315.0)	1460	1198	1340	921	687	494	492	667	726	870	1004	1263	11122
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 83

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.57	1.22	1.23	1.14	0.80	0.94	0.84	0.77	0.78	0.90	1.08	1.15	1.04
1957	1.14	1.06	0.95	1.21	0.80	0.75	0.75	0.67	0.76	0.92	1.30	1.72	1.00
1958	1.48	1.47	1.31	1.39	1.02	0.96	0.78	0.90	0.82	1.22	1.22	1.20	1.15
1959	1.59	1.30	1.40	1.05	0.72	0.74	0.85	0.70	0.64	1.13	1.36	1.31	1.07
1960	1.23	1.73	1.35	1.16	0.84	0.89	0.82	0.72	0.80	0.97	1.09	1.22	1.07
1961	1.28	1.17	1.17	1.21	1.16	0.98	0.68	0.65	1.00	1.12	1.05	1.30	1.06
1962	1.40	1.18	1.45	1.30	0.67	0.75	0.78	0.82	0.86	1.05	1.39	1.47	1.09
1963	1.23	1.36	1.38	1.03	1.07	0.77	0.81	0.74	0.94	0.93	1.56	1.26	1.09
1964	1.77	1.48	1.48	1.04	0.97	0.88	0.90	0.79	0.99	0.96	1.15	1.42	1.15
1965	1.49	1.36	1.10	0.96	0.68	0.90	0.84	0.88	0.77	1.21	1.21	1.09	1.04
1966	1.63	1.20	1.22	0.80	1.00	0.96	0.81	0.77	1.10	0.99	1.20	1.42	1.09
1967	1.33	1.53	1.17	1.15	1.07	0.75	0.92	0.86	1.01	1.05	1.19	1.51	1.13
1968	1.41	1.33	1.46	1.08	0.97	0.91	0.59	0.64	0.63	1.02	1.39	1.69	1.09
1969	1.35	1.47	1.43	1.21	1.19	0.81	0.80	0.91	0.77	0.96	1.35	1.64	1.16
1970	1.19	1.66	1.18	1.12	0.97	0.93	0.84	0.84	0.74	0.99	1.12	1.46	1.09
1971	1.33	1.55	1.48	1.16	1.05	0.75	0.85	0.86	0.68	0.98	1.11	1.24	1.09
1972	1.23	1.35	1.34	0.98	1.28	1.15	0.74	0.72	0.94	1.02	1.11	1.27	1.09
1973	1.45	1.21	1.20	1.29	1.04	0.93	0.93	0.76	0.86	1.03	1.47	1.78	1.16
1974	1.05	1.25	1.41	1.41	0.95	0.89	0.63	0.69	0.79	0.90	1.36	1.46	1.07
1975	1.32	1.20	1.42	1.17	0.68	0.89	1.07	0.53	0.86	0.94	1.32	1.58	1.08
MEAN	1.37	1.35	1.31	1.14	0.95	0.88	0.81	0.76	0.84	1.01	1.25	1.41	

STATION: 83

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	461315	431022	38 810	371118	24 720	18 716	21 719	20 5 3	32 810	21 710	32 919	381218	461315
1957	30 811	27 728	30 7 8	401218	18 623	24 721	18 620	13 524	24 721	26 7 9	29 818	38 917	401218
1958	40 913	341014	481215	30 6 3	241116	17 622	18 527	21 718	23 534	27 710	271020	281015	481215
1959	481019	29 728	401119	25 818	16 919	15 527	23 714	16 622	20 625	431115	39 917	421020	481019
1960	36 920	411219	341118	351118	17 717	16 527	25 918	151018	27 917	231114	30 820	42 8 8	42 8 8
1961	38 8 8	521116	31 7 9	25 627	411217	25 719	13 623	14 618	371116	28 6 3	23 6 8	371021	521116
1962	35 919	34 810	421516	38 918	17 529	17 721	17 919	19 716	26 711	27 813	351117	431119	431119
1963	401119	38 729	32 919	29 629	25 918	16 918	17 719	29 818	30 7 8	27 630	511219	301120	511219
1964	471219	31 813	35 818	29 819	25 724	18 720	17 622	26 817	291017	22 918	361117	35 733	471219
1965	34 914	461118	26 722	26 817	15 619	18 621	18 623	17 528	20 618	28 821	341021	28 722	461118
1966	511120	391022	331119	191018	20 616	22 918	17 621	18 623	28 814	301017	461217	371119	511120
1967	34 914	40 921	361218	33 7 4	27 6 3	19 610	15 818	17 620	27 917	33 821	28 628	38 8 8	40 921
1968	361117	341217	40 913	34 920	30 813	17 917	11 521	16 525	22 716	28 820	40 8 8	411120	411120
1969	39 728	35 8 9	331118	31 820	291018	14 623	16 616	24 721	19 917	26 723	391217	461015	461015
1970	32 821	561418	28 819	451119	231018	18 720	18 720	271017	21 820	301016	341117	491116	561418
1971	37 919	431218	531318	43 810	23 819	16 816	17 623	23 918	14 612	26 718	401015	33 921	531318
1972	27 723	33 811	29 722	18 533	261017	331016	18 818	18 619	29 6 8	26 821	31 815	29 813	331016
1973	29 821	331017	331021	35 914	25 717	20 715	21 720	17 718	25 723	371021	38 921	481018	481018
1974	31 823	30 920	33 810	35 919	26 820	21 817	19 721	24 820	29 817	29 721	341316	531216	531216
1975	39 916	491120	521217	37 821	17 621	21 718	291316	15 623	33 821	23 713	33 820	421014	521217
MAX	511120	561418	531318	451119	411217	331016	291316	29 818	371116	431115	511219	531216	

MAX Hmo(m): 5.6 MAX Tp(sec): 14. MAX Dp(deg): 176. DATE(gmt): 70020415

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 15. DATE(gmt): 67042812

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 71.00 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 84

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	364	334	373	349	556	319	475	678	752	613	505	405	5723
0.50 - 0.99	1282	1248	1321	1767	2225	2663	2940	2982	2573	2004	1439	1308	23752
1.00 - 1.49	1206	1130	1337	1336	1333	1357	1195	1028	927	1250	1152	1105	14356
1.50 - 1.99	940	763	968	698	590	383	295	212	312	648	761	827	7397
2.00 - 2.49	601	507	509	372	202	67	40	44	148	316	498	584	3888
2.50 - 2.99	299	264	244	166	42	5	13	15	66	100	247	365	1826
3.00 - 3.49	163	164	119	68	6	6	2	1	18	16	131	210	904
3.50 - 3.99	63	61	49	33	3	.	.	.	4	8	45	88	354
4.00 - 4.49	26	27	21	8	3	.	.	.	.	5	13	54	157
4.50 - 4.99	10	13	8	2	.	.	.	.	.	.	5	11	49
5.00 - 5.49	6	2	8	1	.	.	.	.	.	.	4	3	24
5.50 - 5.99	.	7	2	.	.	.	.	.	.	.	.	.	9
6.00 - 6.49	.	.	1	.	.	.	.	.	.	.	.	.	1
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 84

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	321	310	352	325	311	151	183	448	463	507	429	330	4130
4.0 - 4.9	947	879	995	885	776	635	701	999	1216	1099	989	828	10949
5.0 - 5.9	1083	942	1089	845	848	1156	1111	1019	863	959	948	973	11836
6.0 - 6.9	761	613	663	589	951	1225	1181	1056	637	646	665	695	9682
7.0 - 7.9	367	353	407	541	937	998	1029	876	622	586	425	490	7631
8.0 - 8.9	361	372	444	564	579	398	545	308	458	537	365	371	5302
9.0 - 9.9	417	320	424	473	343	137	130	137	266	308	337	391	3683
10.0 - 10.9	306	285	275	346	144	65	49	75	132	191	304	397	2569
11.0 - 11.9	244	233	186	182	45	26	4	28	106	68	216	333	1671
12.0 - 12.9	116	129	60	38	15	8	10	13	33	24	76	124	646
13.0 - 13.9	30	78	43	12	6	1	9	1	4	30	29	26	269
14.0 - 14.9	5	6	12	.	5	.	8	.	.	5	11	2	54
15.0 - 15.9	2	.	4	.	.	.	.	.	.	.	6	.	12
16.0 - 16.9	.	.	5	.	.	.	.	.	.	.	.	.	5
17.0 - 17.9	.	.	1	.	.	.	.	.	.	.	.	.	1
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 84

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	183	128	181	161	77	30	25	106	144	174	201	185	1595
11.25 - 33.74 (22.5)	80	124	108	55	52	31	15	68	136	108	118	61	956
33.75 - 56.24 (45.0)	66	127	74	44	48	18	6	41	111	136	94	68	833
56.25 - 78.74 (67.5)	76	83	93	56	54	19	7	31	111	112	97	93	832
78.75 - 101.24 (90.0)	86	76	130	69	57	20	6	25	129	99	91	124	912
101.25 - 123.74 (112.5)	87	127	129	83	58	38	20	46	97	109	109	104	1007
123.75 - 146.24 (135.0)	163	191	172	218	309	267	266	286	726	508	283	262	3651
146.25 - 168.74 (157.5)	558	454	548	579	789	710	601	679	917	942	673	601	8051
168.75 - 191.24 (180.0)	970	1010	1110	1287	1543	1620	1722	1572	761	766	807	1014	14182
191.25 - 213.74 (202.5)	499	432	553	824	926	1091	1312	887	473	413	626	609	8645
213.75 - 236.24 (225.0)	223	156	199	272	326	390	372	403	348	233	260	216	3398
236.25 - 258.74 (247.5)	216	182	127	174	195	213	261	274	202	283	194	186	2507
258.75 - 281.24 (270.0)	429	411	372	359	204	202	219	227	217	399	390	361	3790
281.25 - 303.74 (292.5)	499	435	459	258	140	83	64	119	179	295	355	363	3249
303.75 - 326.24 (315.0)	510	378	464	197	112	48	35	112	129	237	284	429	2935
326.25 - 348.74 (337.5)	315	206	241	164	70	20	29	84	120	146	218	284	1897
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N LONG: 71.00 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 84 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1709	.	.	.	.	.	.	.	.	.	1709
1.00 - 1.99	843	313	.	.	.	.	.	.	.	.	1156
2.00 - 2.99	.	110	.	.	.	.	.	.	.	.	110
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2552	426	0	0	0	0	0	0	0	0	2978

STATION: 84 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	725	.	.	.	.	.	.	.	.	.	725
1.00 - 1.99	470	309	.	.	.	.	.	.	.	.	779
2.00 - 2.99	.	161	.	.	.	.	.	.	.	.	161
3.00 - 3.99	.	13	2	.	.	.	.	.	.	.	15
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1195	483	2	0	0	0	0	0	0	0	1680

STATION: 84 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	585	33	.	.	.	.	.	.	.	.	618
1.00 - 1.99	156	567	.	.	.	.	.	.	.	.	723
2.00 - 2.99	.	237	84	.	.	.	.	.	.	.	321
3.00 - 3.99	.	.	63	.	.	.	.	.	.	.	63
4.00 - 4.99	.	.	8	.	.	.	.	.	.	.	8
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	741	837	155	0	0	0	0	0	0	0	1733

STATION: 84 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	777	1119	2271	1240	522	90	8	.	.	.	6027
1.00 - 1.99	107	928	380	231	158	13	.	.	.	.	1817
2.00 - 2.99	.	127	271	60	33	10	1	.	.	.	502
3.00 - 3.99	.	.	74	45	10	6	1	.	.	.	136
4.00 - 4.99	.	.	2	12	10	4	1	.	.	.	29
5.00 - 5.99	.	.	.	.	2	.	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	884	2174	2998	1588	735	123	11	0	0	0	8513

STATION: 84 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1635	4458	4131	1454	346	51	1	.	.	.	12076
1.00 - 1.99	170	2455	3431	1864	518	45	1	.	.	.	8484
2.00 - 2.99	.	101	749	900	334	49	.	1	.	.	2134
3.00 - 3.99	.	.	69	311	265	32	2	.	.	.	679
4.00 - 4.99	.	.	1	36	94	12	2	.	.	.	145
5.00 - 5.99	.	.	.	3	17	10	.	.	.	.	30
6.00 - 6.99	.	.	.	.	.	1	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1805	7014	8381	4568	1574	200	6	1	0	0	23549

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 71.00 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 84 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2113	1687	236	1	.	.	.	.	.	.	4037
1.00 - 1.99	132	2432	319	8	.	.	.	.	.	.	2891
2.00 - 2.99	.	169	400	29	.	.	.	.	.	.	598
3.00 - 3.99	.	.	76	49	1	.	.	.	.	.	126
4.00 - 4.99	.	.	.	9	6	.	.	.	.	.	15
5.00 - 5.99	.	.	.	.	1	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2245	4288	1031	96	8	0	0	0	0	0	7668

STATION: 84 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2117	229	.	.	.	.	.	.	.	.	2346
1.00 - 1.99	226	2509	.	.	.	.	.	.	.	.	2735
2.00 - 2.99	.	1135	155	.	.	.	.	.	.	.	1290
3.00 - 3.99	.	7	184	.	.	.	.	.	.	.	191
4.00 - 4.99	.	.	9	.	.	.	.	.	.	.	9
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2343	3880	348	0	0	0	0	0	0	0	6571

STATION: 84 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1937	.	.	.	.	.	.	.	.	.	1937
1.00 - 1.99	1377	1791	.	.	.	.	.	.	.	.	3168
2.00 - 2.99	.	598	.	.	.	.	.	.	.	.	598
3.00 - 3.99	.	27	18	.	.	.	.	.	.	.	45
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3314	2416	18	0	0	0	0	0	0	0	5748

STATION: 84 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	11598	7526	6638	2695	868	141	9	.	.	.	29475
1.00 - 1.99	3481	11304	4130	2103	676	58	1	.	.	.	21753
2.00 - 2.99	.	2638	1659	989	367	59	1	1	.	.	5714
3.00 - 3.99	.	50	486	405	276	38	3	.	.	.	1258
4.00 - 4.99	.	.	20	57	110	16	3	.	.	.	206
5.00 - 5.99	.	.	.	3	20	10	.	.	.	.	33
6.00 - 6.99	.	.	.	.	.	1	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	15079	21518	12933	6252	2317	323	17	1	0	0	58440

STATION: 84

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	109	105	136	174	265	252	264	285	275	197	162	117	2341
2.50 - 4.99	1068	1055	1140	1616	2211	2488	2902	2866	2311	1865	1245	1184	21951
5.00 - 7.49	982	885	1081	1245	1486	1416	1314	1290	1255	1235	1131	968	14288
7.50 - 9.99	1117	1097	1269	1175	864	601	450	455	745	1022	1118	999	10912
10.00 - 12.49	754	607	664	370	95	39	22	47	163	417	585	639	4402
12.50 - 14.99	586	530	499	166	29	4	7	17	46	177	420	709	3190
15.00 - 17.49	132	120	85	23	9	.	1	.	4	30	65	185	654
17.50 - 19.99	152	110	60	17	1	.	.	.	1	14	60	129	544
20.00 - GREATER	60	11	26	14	.	.	.	.	.	3	14	30	158
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 71.00 W, DEPTH: 18 M

STATION: 84

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	667	586	608	570	425	295	216	411	580	561	627	661	6207
22.50 - 67.49 (45.0)	329	436	386	279	309	199	155	227	478	492	371	380	4041
67.50 - 112.49 (90.0)	252	281	360	208	218	155	76	130	327	303	271	340	2921
112.50 - 157.49 (135.0)	254	340	410	396	383	329	226	234	286	341	331	358	3888
157.50 - 202.49 (180.0)	384	302	419	549	788	808	843	673	564	549	621	432	6932
202.50 - 247.49 (225.0)	561	426	443	776	1158	1496	1716	1467	917	740	680	584	10964
247.50 - 292.49 (270.0)	1062	922	951	1083	980	1016	1247	1120	902	1065	897	921	12166
292.50 - 337.49 (315.0)	1451	1227	1383	939	699	502	481	698	746	909	1002	1284	11321
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 84

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.61	1.30	1.27	1.19	0.84	0.97	0.87	0.80	0.79	0.93	1.11	1.20	1.07
1957	1.19	1.12	0.98	1.27	0.85	0.76	0.79	0.70	0.78	0.93	1.33	1.81	1.04
1958	1.52	1.56	1.35	1.43	1.04	1.00	0.83	0.92	0.86	1.25	1.30	1.26	1.19
1959	1.66	1.37	1.51	1.10	0.76	0.78	0.88	0.73	0.65	1.17	1.40	1.39	1.12
1960	1.31	1.82	1.39	1.21	0.85	0.92	0.86	0.76	0.83	1.02	1.15	1.28	1.11
1961	1.34	1.21	1.23	1.29	1.19	1.02	0.70	0.66	1.04	1.17	1.06	1.37	1.11
1962	1.48	1.21	1.50	1.38	0.68	0.79	0.82	0.84	0.91	1.09	1.41	1.53	1.14
1963	1.28	1.42	1.44	1.08	1.11	0.80	0.84	0.77	0.96	0.95	1.62	1.33	1.13
1964	1.86	1.55	1.56	1.07	1.03	0.92	0.94	0.81	1.01	0.98	1.20	1.45	1.20
1965	1.56	1.42	1.15	0.99	0.71	0.95	0.88	0.92	0.77	1.26	1.26	1.11	1.08
1966	1.68	1.27	1.29	0.83	1.05	0.99	0.85	0.80	1.15	1.06	1.22	1.47	1.14
1967	1.38	1.60	1.22	1.18	1.13	0.77	0.95	0.89	1.02	1.07	1.25	1.57	1.17
1968	1.45	1.42	1.52	1.12	1.00	0.95	0.60	0.67	0.67	1.07	1.44	1.81	1.14
1969	1.43	1.50	1.48	1.25	1.21	0.82	0.81	0.96	0.79	1.00	1.38	1.68	1.19
1970	1.23	1.74	1.27	1.16	1.00	0.97	0.86	0.87	0.76	1.01	1.15	1.51	1.12
1971	1.39	1.61	1.58	1.22	1.10	0.78	0.88	0.89	0.69	1.01	1.15	1.30	1.13
1972	1.28	1.40	1.37	1.02	1.30	1.19	0.78	0.75	0.97	1.05	1.14	1.30	1.13
1973	1.52	1.22	1.23	1.37	1.07	0.96	0.96	0.79	0.87	1.08	1.60	1.86	1.21
1974	1.09	1.28	1.45	1.48	0.98	0.91	0.66	0.72	0.81	0.92	1.43	1.53	1.10
1975	1.36	1.25	1.45	1.22	0.69	0.93	1.13	0.54	0.88	0.97	1.38	1.62	1.12
MEAN	1.43	1.41	1.36	1.19	0.98	0.91	0.84	0.79	0.86	1.05	1.30	1.47	

STATION: 84

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	471316	451121	37 812	391118	24 720	19 715	22 719	20 5 3	32 7 9	22 6 8	33 919	43 729	471316
1957	30 7 7	31 728	32 7 7	421218	20 624	24 721	18 620	14 520	25 721	26 7 9	29 818	40 917	421218
1958	411015	37 916	481216	30 6 3	241116	19 626	21 626	22 718	24 534	27 726	31 728	31 728	481216
1959	501019	32 729	451219	27 818	19 526	16 528	26 714	17 622	19 723	441116	401120	441019	501019
1960	391020	461118	351118	371118	17 717	18 626	26 919	161019	30 714	23 6 6	35 728	41 8 9	461118
1961	40 8 7	501116	31 920	29 726	411117	27 719	14 622	14 720	361117	29 6 3	23 629	381021	501116
1962	35 919	33 7 7	421516	41 918	21 627	18 721	18 625	19 534	24 610	29 814	361117	441119	441119
1963	441119	42 827	371020	34 728	27 816	17 624	18 720	30 818	29 719	28 725	521220	351318	521220
1964	531219	31 726	35 818	29 820	27 724	22 627	17 624	26 818	291117	22 918	391118	36 921	531219
1965	33 710	481116	25 723	26 817	17 623	20 621	19 719	20 626	19 618	31 822	361021	29 813	481116
1966	531121	401022	37 727	211019	20 616	22 918	18 621	19 624	31 822	33 727	461316	421120	531121
1967	35 813	41 922	381218	34 7 3	28 6 3	20 610	16 818	17 620	27 917	33 919	32 727	37 914	41 922
1968	361117	361217	431016	35 920	31 712	18 627	12 525	17 624	23 717	27 726	41 8 9	461220	461220
1969	44 827	34 728	341118	31 821	301018	15 618	16 616	24 721	21 917	26 723	381217	481016	481016
1970	32 821	581418	28 918	501119	231018	20 719	19 719	281017	22 920	311016	341117	491116	581418
1971	431220	451218	601318	441117	23 819	16 816	18 722	23 819	15 613	28 718	40 811	33 727	601318
1972	28 725	34 816	29 723	18 532	271018	34 915	18 818	20 625	30 711	27 821	30 815	31 727	34 915
1973	29 921	34 916	341021	38 814	27 717	20 715	22 721	18 718	24 723	391021	451019	511118	511118
1974	31 822	32 922	33 725	35 920	26 820	22 715	21 723	25 820	30 817	28 721	351316	501115	501115
1975	39 916	481121	541217	38 7 5	17 621	23 718	301416	16 526	34 822	23 6 8	371021	421018	541217
MAX	531121	581418	601318	501119	411117	34 915	301416	30 818	361117	441116	521220	511118	

MAX Hmo(m): 6.0 MAX Tp(sec): 13. MAX Dp(deg): 184. DATE(gmt): 71030509

MAX WIND SPEED(m/sec): 27. MAX WIND DIRECTION(deg): 325. DATE(gmt): 64120112

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 70.75 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 85

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	331	301	334	316	526	302	457	650	752	602	479	388	5438
0.50 - 0.99	1256	1234	1302	1741	2188	2603	2869	2980	2538	1993	1403	1293	23400
1.00 - 1.49	1248	1151	1354	1361	1370	1410	1249	1045	963	1258	1177	1118	14704
1.50 - 1.99	891	727	950	685	603	398	317	218	296	619	775	806	7285
2.00 - 2.49	603	516	521	377	215	77	53	51	164	342	436	569	3924
2.50 - 2.99	331	275	270	189	45	4	13	14	67	109	302	359	1978
3.00 - 3.49	183	183	129	78	7	6	2	2	16	21	152	261	1040
3.50 - 3.99	61	72	62	39	3	.	.	.	4	11	56	83	391
4.00 - 4.49	30	31	18	11	3	.	.	.	.	5	10	59	167
4.50 - 4.99	17	22	6	1	.	.	.	.	.	.	6	23	75
5.00 - 5.49	7	1	9	1	.	.	.	.	.	.	4	1	23
5.50 - 5.99	2	7	3	1	.	.	.	.	.	.	.	.	13
6.00 - 6.49	.	.	2	.	.	.	.	.	.	.	.	.	2
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 85

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	313	283	325	324	300	158	176	447	477	500	425	324	4052
4.0 - 4.9	949	869	994	876	762	650	730	1021	1269	1122	1005	837	11084
5.0 - 5.9	1044	913	1053	792	864	1146	1152	1024	866	935	880	965	11634
6.0 - 6.9	707	584	625	623	1003	1293	1225	1099	683	696	640	622	9800
7.0 - 7.9	444	436	509	595	922	954	992	840	565	597	514	577	7945
8.0 - 8.9	393	388	463	562	554	384	503	288	410	497	372	386	5200
9.0 - 9.9	416	339	397	473	343	111	104	135	259	308	339	394	3618
10.0 - 10.9	306	272	288	327	139	70	43	69	137	175	294	388	2508
11.0 - 11.9	245	229	176	176	44	26	5	25	101	71	209	310	1617
12.0 - 12.9	105	122	66	38	18	7	11	12	28	28	73	130	638
13.0 - 13.9	32	80	44	13	5	1	10	.	5	26	24	25	265
14.0 - 14.9	5	5	8	1	6	.	9	.	.	4	17	2	57
15.0 - 15.9	1	.	6	.	.	.	.	.	.	1	6	.	14
16.0 - 16.9	.	.	5	.	.	.	.	.	.	.	2	.	7
17.0 - 17.9	.	.	1	.	.	.	.	.	.	.	.	.	1
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 85

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	180	125	170	166	81	30	29	102	147	180	198	179	1587
11.25 - 33.74 (22.5)	77	124	110	42	50	29	16	71	148	109	116	58	950
33.75 - 56.24 (45.0)	63	123	74	43	54	18	5	42	119	150	90	66	847
56.25 - 78.74 (67.5)	81	78	96	53	54	12	6	27	113	119	99	88	826
78.75 - 101.24 (90.0)	78	79	106	72	53	27	10	27	129	91	84	114	870
101.25 - 123.74 (112.5)	80	119	121	64	61	35	15	40	99	105	110	92	941
123.75 - 146.24 (135.0)	144	187	178	186	218	178	162	220	558	440	241	257	2969
146.25 - 168.74 (157.5)	486	421	475	544	755	637	529	613	900	879	651	543	7433
168.75 - 191.24 (180.0)	963	1003	1113	1195	1512	1579	1605	1520	819	798	802	1010	13919
191.25 - 213.74 (202.5)	575	462	600	915	1019	1254	1547	987	500	429	620	635	9543
213.75 - 236.24 (225.0)	234	160	214	319	373	411	429	467	387	247	301	244	3786
236.25 - 258.74 (247.5)	252	210	173	210	225	231	261	300	222	293	231	233	2841
258.75 - 281.24 (270.0)	458	453	410	367	200	214	219	224	232	449	413	397	4036
281.25 - 303.74 (292.5)	459	417	427	255	132	81	67	130	182	294	338	339	3121
303.75 - 326.24 (315.0)	513	377	460	196	109	44	32	111	127	236	280	431	2916
326.25 - 348.74 (337.5)	317	182	233	173	64	20	28	79	118	141	226	274	1855
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 70.75 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 85 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1681	.	.	.	.	.	.	.	.	.	1681
1.00 - 1.99	858	314	.	.	.	.	.	.	.	.	1172
2.00 - 2.99	.	98	.	.	.	.	.	.	.	.	98
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2539	415	0	0	0	0	0	0	0	0	2954

STATION: 85 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	725	.	.	.	.	.	.	.	.	.	725
1.00 - 1.99	497	330	.	.	.	.	.	.	.	.	827
2.00 - 2.99	.	145	.	.	.	.	.	.	.	.	145
3.00 - 3.99	.	3	1	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1222	478	1	0	0	0	0	0	0	0	1701

STATION: 85 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	571	19	.	.	.	.	.	.	.	.	590
1.00 - 1.99	153	607	.	.	.	.	.	.	.	.	760
2.00 - 2.99	.	264	18	.	.	.	.	.	.	.	282
3.00 - 3.99	.	3	27	.	.	.	.	.	.	.	30
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	724	893	45	0	0	0	0	0	0	0	1662

STATION: 85 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	824	942	1761	1046	447	75	8	.	.	.	5103
1.00 - 1.99	119	918	306	169	115	12	1	.	.	.	1640
2.00 - 2.99	.	139	223	56	22	2	.	.	.	.	442
3.00 - 3.99	.	.	62	42	9	3	.	.	.	.	116
4.00 - 4.99	.	.	1	10	7	.	.	.	.	.	18
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	943	1999	2353	1323	600	92	9	0	0	0	7319

STATION: 85 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1617	4494	3875	1427	369	53	3	.	.	.	11838
1.00 - 1.99	162	2436	3620	1934	549	56	1	.	.	.	8758
2.00 - 2.99	.	111	761	965	353	54	1	1	.	.	2246
3.00 - 3.99	.	.	70	287	251	36	3	.	.	.	647
4.00 - 4.99	.	.	1	35	104	16	4	.	.	.	160
5.00 - 5.99	.	.	.	2	16	13	.	.	.	.	31
6.00 - 6.99	.	.	.	.	.	2	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1779	7041	8327	4650	1642	230	12	1	0	0	23682

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 70.75 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 85 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2174	1988	342	11	.	.	.	.	.	.	4515
1.00 - 1.99	109	2611	441	14	.	.	.	.	.	.	3175
2.00 - 2.99	.	121	547	34	.	.	.	.	.	.	702
3.00 - 3.99	.	.	88	71	1	.	.	.	.	.	160
4.00 - 4.99	.	.	.	16	9	.	.	.	.	.	25
5.00 - 5.99	.	.	.	2	3	.	.	.	.	.	5
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2283	4720	1418	148	13	0	0	0	0	0	8582

STATION: 85 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2138	298	.	.	.	.	.	.	.	.	2436
1.00 - 1.99	205	2344	.	.	.	.	.	.	.	.	2549
2.00 - 2.99	.	897	528	.	.	.	.	.	.	.	1425
3.00 - 3.99	.	3	423	.	.	.	.	.	.	.	426
4.00 - 4.99	.	.	34	5	.	.	.	.	.	.	39
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2343	3542	985	5	0	0	0	0	0	0	6875

STATION: 85 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1950	.	.	.	.	.	.	.	.	.	1950
1.00 - 1.99	1353	1755	.	.	.	.	.	.	.	.	3108
2.00 - 2.99	.	562	.	.	.	.	.	.	.	.	562
3.00 - 3.99	.	29	16	.	.	.	.	.	.	.	45
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3303	2346	16	0	0	0	0	0	0	0	5665

STATION: 85 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	11680	7741	5978	2484	816	128	11	.	.	.	28838
1.00 - 1.99	3456	11315	4367	2117	664	68	2	.	.	.	21989
2.00 - 2.99	.	2337	2077	1055	375	56	1	1	.	.	5902
3.00 - 3.99	.	41	687	400	261	39	3	.	.	.	1431
4.00 - 4.99	.	.	36	66	120	16	4	.	.	.	242
5.00 - 5.99	.	.	.	4	19	13	.	.	.	.	36
6.00 - 6.99	.	.	.	.	.	2	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	15136	21434	13145	6126	2255	322	21	1	0	0	58440

STATION: 85

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	105	99	124	167	246	243	245	271	267	178	157	123	2225
2.50 - 4.99	1057	1032	1119	1581	2226	2498	2907	2883	2307	1847	1228	1156	21841
5.00 - 7.49	985	899	1090	1251	1469	1416	1328	1290	1241	1273	1124	968	14334
7.50 - 9.99	1134	1098	1283	1182	887	600	452	455	778	1029	1161	1034	11093
10.00 - 12.49	748	622	678	395	95	37	19	49	152	414	578	644	4431
12.50 - 14.99	597	546	500	168	31	6	8	12	52	175	416	706	3217
15.00 - 17.49	132	112	83	26	5	.	1	.	2	27	71	177	636
17.50 - 19.99	149	104	57	20	1	.	.	.	1	15	52	125	524
20.00 - GREATER	53	8	26	10	.	.	.	.	.	2	13	27	139
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 70.75 W, DEPTH: 18 M

STATION: 85

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	666	570	613	558	436	298	216	418	584	560	645	669	6233
22.50 - 67.49 (45.0)	324	434	378	271	290	195	158	225	473	498	363	361	3970
67.50 - 112.49 (90.0)	240	279	360	215	223	158	71	131	324	314	273	338	2926
112.50 - 157.49 (135.0)	275	349	419	389	400	336	233	248	304	364	352	369	4038
157.50 - 202.49 (180.0)	390	310	427	556	794	840	881	708	579	549	613	440	7087
202.50 - 247.49 (225.0)	550	415	436	774	1137	1457	1679	1440	893	708	668	574	10731
247.50 - 292.49 (270.0)	1050	927	946	1067	959	1013	1241	1105	896	1054	889	904	12051
292.50 - 337.49 (315.0)	1465	1236	1381	970	721	503	481	685	747	913	997	1305	11404
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 85

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.61	1.33	1.30	1.22	0.86	0.98	0.90	0.82	0.79	0.94	1.12	1.22	1.09
1957	1.21	1.17	0.99	1.30	0.88	0.76	0.81	0.70	0.78	0.93	1.36	1.86	1.06
1958	1.54	1.60	1.35	1.44	1.04	1.01	0.87	0.93	0.86	1.25	1.34	1.30	1.21
1959	1.70	1.42	1.56	1.12	0.78	0.79	0.89	0.74	0.65	1.19	1.42	1.41	1.14
1960	1.34	1.89	1.39	1.25	0.85	0.94	0.87	0.77	0.84	1.05	1.18	1.31	1.14
1961	1.38	1.24	1.26	1.34	1.21	1.05	0.71	0.67	1.06	1.18	1.07	1.40	1.13
1962	1.53	1.23	1.53	1.42	0.69	0.81	0.85	0.84	0.93	1.10	1.42	1.56	1.16
1963	1.31	1.45	1.47	1.11	1.12	0.81	0.87	0.79	0.95	0.95	1.65	1.37	1.15
1964	1.92	1.58	1.61	1.09	1.05	0.93	0.95	0.82	1.01	0.99	1.23	1.46	1.22
1965	1.58	1.46	1.17	1.00	0.73	0.95	0.90	0.94	0.76	1.27	1.28	1.11	1.09
1966	1.69	1.29	1.31	0.84	1.07	1.00	0.87	0.82	1.17	1.09	1.24	1.50	1.16
1967	1.39	1.64	1.24	1.19	1.15	0.78	0.98	0.91	1.03	1.08	1.28	1.57	1.19
1968	1.45	1.46	1.53	1.14	1.02	0.96	0.60	0.66	0.66	1.07	1.46	1.86	1.16
1969	1.47	1.53	1.50	1.28	1.22	0.83	0.81	0.97	0.80	1.01	1.38	1.70	1.21
1970	1.26	1.77	1.32	1.19	1.00	0.98	0.88	0.88	0.77	1.00	1.16	1.52	1.14
1971	1.45	1.66	1.64	1.26	1.11	0.79	0.91	0.90	0.69	1.01	1.17	1.31	1.16
1972	1.31	1.43	1.39	1.05	1.30	1.20	0.80	0.76	0.97	1.06	1.17	1.32	1.14
1973	1.57	1.25	1.25	1.42	1.10	0.98	0.98	0.80	0.88	1.09	1.68	1.89	1.24
1974	1.10	1.30	1.48	1.53	0.99	0.93	0.66	0.73	0.82	0.93	1.46	1.57	1.12
1975	1.38	1.28	1.48	1.25	0.69	0.94	1.16	0.54	0.87	0.97	1.40	1.64	1.13
MEAN	1.46	1.45	1.39	1.22	0.99	0.92	0.86	0.80	0.86	1.06	1.32	1.49	

STATION: 85

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	451316	471120	36 726	391118	24 720	19 614	22 719	19 5 3	28 7 9	22 628	33 919	47 828	47 828
1957	28 629	34 827	30 7 8	431218	21 626	24 721	18 620	13 524	24 721	24 6 8	30 818	39 917	431218
1958	40 813	39 822	441216	291115	241117	22 626	22 627	22 718	241019	30 727	35 728	33 826	441216
1959	511019	34 827	481219	26 818	19 626	17 625	25 715	17 622	19 625	441116	43 826	471220	511019
1960	421020	491220	341118	371118	17 717	20 627	27 919	181019	30 815	24 726	38 827	391015	491220
1961	37 8 9	451116	35 729	32 727	421117	27 720	14 623	15 619	361217	28 6 3	26 629	38 922	451116
1962	36 919	30 916	431516	42 918	21 629	20 626	20 626	19 818	27 6 3	31 727	38 825	451119	451119
1963	471120	45 828	39 824	36 728	28 816	20 626	18 720	30 918	29 719	28 725	531220	371418	531220
1964	561220	34 825	361318	29 820	25 725	23 627	17 624	26 818	291117	22 918	371118	36 921	561220
1965	31 728	491016	24 722	26 817	17 625	18 621	19 720	22 627	18 718	32 823	361021	28 632	491016
1966	521121	421220	40 826	22 625	21 627	22 918	18 621	20 625	34 823	361018	461317	461120	521121
1967	34 814	431021	401218	33 7 3	27 6 3	20 610	16 819	17 620	27 917	34 919	35 826	371018	431021
1968	361117	361217	441121	35 920	30 713	21 628	11 528	19 625	21 717	30 728	38 918	491220	491220
1969	47 926	38 827	341118	31 821	311019	15 619	16 718	24 721	20 917	27 723	371218	481016	481016
1970	32 821	591418	29 725	551120	241018	19 720	19 719	281018	23 820	31 915	341117	481116	591418
1971	461220	451318	631319	441117	24 820	16 817	18 722	24 819	15 613	29 719	38 914	35 825	631319
1972	30 727	32 726	29 723	18 532	281018	341017	18 818	22 627	30 713	27 821	29 817	33 728	341017
1973	30 920	341018	341021	38 814	27 717	22 626	22 721	18 818	23 723	381022	481021	511118	511118
1974	31 822	34 727	33 822	36 920	26 820	22 716	20 722	25 821	29 726	27 822	351316	471115	471115
1975	37 917	491121	541317	371020	17 721	23 818	311416	17 624	34 822	22 627	371022	431118	541317
MAX	561220	591418	631319	551120	421117	341017	311416	30 918	361217	441116	531220	511118	

MAX Hmo(m): 6.3 MAX Tp(sec): 13. MAX Dp(deg): 187. DATE(gmt): 71030509

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 10. DATE(gmt): 67042812

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 70.50 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 86

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	300	274	297	302	527	295	441	651	791	597	460	369	5304
0.50 - 0.99	1240	1225	1296	1682	2135	2599	2838	2944	2488	1988	1415	1295	23145
1.00 - 1.49	1291	1185	1383	1405	1428	1437	1259	1078	984	1280	1195	1121	15046
1.50 - 1.99	900	745	972	714	604	394	351	216	311	646	776	834	7463
2.00 - 2.49	570	482	509	343	208	64	55	55	153	300	412	550	3701
2.50 - 2.99	359	268	257	214	44	5	13	15	57	109	304	358	2003
3.00 - 3.49	176	177	148	79	9	6	3	1	14	27	151	239	1030
3.50 - 3.99	66	91	56	45	2	.	.	.	2	8	64	107	441
4.00 - 4.49	29	43	19	12	3	.	.	.	.	5	12	61	184
4.50 - 4.99	19	19	9	2	.	.	.	.	.	.	7	24	80
5.00 - 5.49	8	4	8	1	.	.	.	.	.	.	4	2	27
5.50 - 5.99	2	7	3	1	.	.	.	.	.	.	.	.	13
6.00 - 6.49	.	.	3	.	.	.	.	.	.	.	.	.	3
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 86

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	296	266	305	309	306	174	165	470	526	515	423	319	4074
4.0 - 4.9	964	881	1025	948	815	652	747	1037	1349	1184	1064	853	11519
5.0 - 5.9	1044	959	1082	767	855	1163	1196	1088	901	979	898	1012	11944
6.0 - 6.9	654	512	546	588	999	1324	1236	1080	656	593	577	568	9333
7.0 - 7.9	489	410	521	636	939	919	975	796	510	635	503	532	7865
8.0 - 8.9	419	480	497	575	507	354	482	269	363	448	410	473	5277
9.0 - 9.9	423	336	399	448	324	117	82	123	221	310	336	391	3510
10.0 - 10.9	296	275	281	321	148	64	40	62	139	166	282	358	2432
11.0 - 11.9	233	207	175	160	36	25	6	31	102	71	187	292	1525
12.0 - 12.9	103	110	66	42	20	6	5	4	31	22	70	136	615
13.0 - 13.9	36	77	42	6	5	2	16	.	2	31	29	26	272
14.0 - 14.9	3	7	12	.	6	.	10	.	.	6	12	.	56
15.0 - 15.9	.	.	4	.	.	.	.	.	.	.	9	.	13
16.0 - 16.9	.	.	5	.	.	.	.	.	.	.	.	.	5
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 86

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	181	137	176	158	86	26	33	112	148	192	216	182	1647
11.25 - 33.74 (22.5)	73	138	106	44	55	39	9	68	164	125	113	58	992
33.75 - 56.24 (45.0)	64	112	74	45	51	11	7	44	130	157	95	69	859
56.25 - 78.74 (67.5)	79	88	99	55	62	12	10	24	136	114	91	89	859
78.75 - 101.24 (90.0)	73	65	87	62	49	25	6	24	104	105	84	106	790
101.25 - 123.74 (112.5)	79	103	111	61	57	30	12	38	101	98	107	76	873
123.75 - 146.24 (135.0)	110	165	151	144	163	96	83	157	343	328	179	207	2126
146.25 - 168.74 (157.5)	405	371	421	482	643	534	465	509	875	788	606	455	6554
168.75 - 191.24 (180.0)	953	948	1096	1150	1444	1532	1431	1413	877	878	812	1010	13544
191.25 - 213.74 (202.5)	652	553	661	985	1153	1431	1808	1185	559	451	615	694	10747
213.75 - 236.24 (225.0)	276	181	241	344	436	466	488	534	413	276	361	283	4299
236.25 - 258.74 (247.5)	260	251	179	221	229	230	276	310	265	322	252	244	3039
258.75 - 281.24 (270.0)	487	449	432	405	212	232	209	231	242	448	430	448	4225
281.25 - 303.74 (292.5)	447	410	433	243	133	69	68	116	193	298	313	328	3051
303.75 - 326.24 (315.0)	512	358	459	209	115	42	30	118	131	247	302	448	2971
326.25 - 348.74 (337.5)	309	191	234	192	72	25	25	77	119	133	224	263	1864
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N LONG: 70.50 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 86 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1776	.	.	.	.	.	.	.	.	.	1776
1.00 - 1.99	864	320	.	.	.	.	.	.	.	.	1184
2.00 - 2.99	.	98	.	.	.	.	.	.	.	.	98
3.00 - 3.99	.	4	.	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2640	422	0	0	0	0	0	0	0	0	3062

STATION: 86 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	733	.	.	.	.	.	.	.	.	.	733
1.00 - 1.99	525	333	.	.	.	.	.	.	.	.	858
2.00 - 2.99	.	145	.	.	.	.	.	.	.	.	145
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1258	479	0	0	0	0	0	0	0	0	1737

STATION: 86 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	571	.	.	3	24	3	.	.	.	.	601
1.00 - 1.99	289	563	.	.	.	.	.	.	.	.	852
2.00 - 2.99	.	145	1	.	.	.	.	.	.	.	146
3.00 - 3.99	.	5	2	.	.	.	.	.	.	.	7
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	860	713	3	3	24	3	0	0	0	0	1606

STATION: 86 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	878	741	1212	789	303	57	7	.	.	.	3987
1.00 - 1.99	136	848	165	103	40	8	1	.	.	.	1301
2.00 - 2.99	.	145	192	52	22	.	1	.	.	.	412
3.00 - 3.99	.	.	41	22	7	3	.	.	.	.	73
4.00 - 4.99	.	.	.	3	3	1	.	.	.	.	7
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1014	1734	1610	969	375	69	9	0	0	0	5780

STATION: 86 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1733	4553	3720	1422	427	71	3	.	.	.	11929
1.00 - 1.99	137	2407	3768	2000	598	60	.	.	.	.	8970
2.00 - 2.99	.	115	744	1007	343	59	.	.	.	.	2268
3.00 - 3.99	.	.	82	269	243	32	3	.	.	.	629
4.00 - 4.99	.	.	.	37	89	17	3	.	.	.	146
5.00 - 5.99	.	.	.	2	15	15	.	.	.	.	32
6.00 - 6.99	.	.	.	.	.	2	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1870	7075	8314	4737	1715	256	9	0	0	0	23976

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N LONG: 70.50 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 86 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2213	2268	443	22	.	.	.	.	.	.	4946
1.00 - 1.99	115	2792	569	24	.	.	.	.	.	.	3500
2.00 - 2.99	.	112	569	53	2	.	.	.	.	.	736
3.00 - 3.99	.	.	169	91	4	.	.	.	.	.	264
4.00 - 4.99	.	.	4	21	14	.	.	.	.	.	39
5.00 - 5.99	.	.	.	3	5	.	.	.	.	.	8
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2328	5172	1754	214	26	0	0	0	0	0	9494

STATION: 86 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2142	374	.	.	.	.	.	.	.	.	2516
1.00 - 1.99	179	2514	13	.	.	.	.	.	.	.	2706
2.00 - 2.99	.	388	932	.	.	.	.	.	.	.	1320
3.00 - 3.99	.	1	449	1	.	.	.	.	.	.	451
4.00 - 4.99	.	.	54	18	.	.	.	.	.	.	72
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2321	3277	1448	19	0	0	0	0	0	0	7065

STATION: 86 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1961	.	.	.	.	.	.	.	.	.	1961
1.00 - 1.99	1341	1797	.	.	.	.	.	.	.	.	3138
2.00 - 2.99	.	579	.	.	.	.	.	.	.	.	579
3.00 - 3.99	.	29	13	.	.	.	.	.	.	.	42
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3302	2405	13	0	0	0	0	0	0	0	5720

STATION: 86 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	12007	7936	5375	2236	754	131	10	.	.	.	28449
1.00 - 1.99	3586	11574	4515	2127	638	68	1	.	.	.	22509
2.00 - 2.99	.	1727	2438	1112	367	59	1	.	.	.	5704
3.00 - 3.99	.	40	756	383	254	35	3	.	.	.	1471
4.00 - 4.99	.	.	58	79	106	18	3	.	.	.	264
5.00 - 5.99	.	.	.	5	20	15	.	.	.	.	40
6.00 - 6.99	.	.	.	.	1	2	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	15593	21277	13142	5942	2140	328	18	0	0	0	58440

STATION: 86

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	98	87	108	155	225	207	229	259	231	156	136	113	2004
2.50 - 4.99	989	1007	1078	1547	2217	2515	2882	2877	2316	1823	1200	1120	21571
5.00 - 7.49	1033	911	1115	1255	1483	1442	1346	1309	1262	1300	1141	1003	14600
7.50 - 9.99	1164	1115	1303	1201	909	592	474	459	778	1050	1192	1056	11293
10.00 - 12.49	758	617	678	411	90	36	17	47	162	417	588	644	4465
12.50 - 14.99	593	557	517	177	30	8	10	9	49	172	416	697	3235
15.00 - 17.49	131	118	83	22	5	.	1	.	1	27	61	181	630
17.50 - 19.99	142	103	53	21	1	.	1	.	1	15	53	122	512
20.00 - GREATER	52	5	25	11	.	.	.	.	.	.	13	24	130
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 70.50 W, DEPTH: 18 M

STATION: 86

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	666	573	621	558	419	312	215	430	587	582	638	687	6288
22.50 - 67.49 (45.0)	304	433	363	257	291	187	152	217	476	495	370	350	3895
67.50 - 112.49 (90.0)	260	267	351	219	226	154	78	136	312	324	271	323	2921
112.50 - 157.49 (135.0)	286	354	442	399	393	362	243	264	342	382	346	378	4191
157.50 - 202.49 (180.0)	392	324	421	561	822	865	903	737	583	564	613	446	7231
202.50 - 247.49 (225.0)	533	414	443	766	1116	1434	1673	1404	859	668	661	566	10537
247.50 - 292.49 (270.0)	1040	911	925	1054	949	988	1225	1083	887	1029	879	901	11871
292.50 - 337.49 (315.0)	1479	1244	1394	986	744	498	471	689	754	916	1022	1309	11506
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 86

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.59	1.34	1.31	1.24	0.88	0.99	0.91	0.82	0.78	0.93	1.12	1.23	1.09
1957	1.22	1.20	1.00	1.31	0.90	0.75	0.83	0.71	0.78	0.91	1.38	1.88	1.07
1958	1.54	1.64	1.34	1.43	1.03	1.01	0.89	0.93	0.87	1.22	1.37	1.32	1.21
1959	1.72	1.43	1.58	1.13	0.80	0.81	0.89	0.75	0.65	1.18	1.43	1.43	1.15
1960	1.37	1.93	1.39	1.27	0.84	0.95	0.88	0.78	0.84	1.06	1.20	1.33	1.15
1961	1.39	1.26	1.27	1.38	1.21	1.06	0.73	0.68	1.06	1.17	1.07	1.41	1.14
1962	1.56	1.22	1.54	1.45	0.69	0.82	0.85	0.84	0.92	1.10	1.43	1.57	1.16
1963	1.33	1.47	1.48	1.14	1.13	0.81	0.89	0.80	0.94	0.94	1.66	1.40	1.16
1964	1.96	1.60	1.63	1.10	1.05	0.94	0.96	0.82	1.01	0.98	1.25	1.46	1.23
1965	1.59	1.47	1.17	1.01	0.74	0.95	0.92	0.93	0.75	1.28	1.28	1.10	1.10
1966	1.67	1.30	1.32	0.85	1.07	1.01	0.89	0.84	1.16	1.10	1.23	1.51	1.16
1967	1.40	1.66	1.25	1.21	1.17	0.77	1.00	0.92	1.02	1.08	1.30	1.57	1.19
1968	1.45	1.49	1.52	1.15	1.02	0.95	0.59	0.66	0.65	1.07	1.45	1.90	1.16
1969	1.48	1.53	1.51	1.28	1.20	0.83	0.81	0.98	0.79	1.01	1.36	1.69	1.20
1970	1.30	1.79	1.35	1.20	1.01	0.99	0.89	0.90	0.78	1.00	1.15	1.52	1.15
1971	1.47	1.68	1.68	1.27	1.13	0.78	0.92	0.89	0.67	0.99	1.17	1.32	1.16
1972	1.33	1.42	1.39	1.05	1.29	1.20	0.81	0.77	0.96	1.07	1.17	1.32	1.15
1973	1.59	1.25	1.28	1.44	1.11	0.99	0.98	0.81	0.87	1.09	1.73	1.91	1.25
1974	1.10	1.31	1.48	1.55	0.99	0.93	0.68	0.74	0.82	0.93	1.47	1.58	1.13
1975	1.39	1.31	1.50	1.28	0.68	0.93	1.19	0.55	0.85	0.97	1.40	1.64	1.14
MEAN	1.47	1.47	1.40	1.24	1.00	0.92	0.87	0.81	0.86	1.05	1.33	1.50	

STATION: 86

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	401317	481120	38 825	391219	24 720	19 614	22 719	18 5 3	25 6 8	23 727	34 919	491020	491020
1957	30 727	35 827	29 728	431218	22 724	24 820	18 620	14 719	24 722	24 727	31 818	40 828	431218
1958	37 916	42 920	391216	29 634	231117	22 725	23 725	21 819	241019	32 825	38 828	36 828	42 920
1959	491120	35 827	491219	26 918	20 626	17 626	24 715	16 622	19 625	421116	43 826	491220	491220
1960	45 828	511220	331118	371118	17 718	20 725	271019	181019	31 816	26 724	40 828	351017	511220
1961	34 7 8	421219	37 827	34 825	421218	27 720	14 623	15 522	351117	29 726	28 728	38 922	421218
1962	36 919	26 916	431516	411018	19 628	20 626	20 725	20 534	27 726	33 825	39 827	461119	461119
1963	49 927	46 926	40 826	40 827	28 816	18 627	18 819	30 818	29 719	27 824	531221	38 827	531221
1964	571320	36 826	361219	30 821	25 725	25 726	17 819	25 818	281017	22 625	371118	35 921	571320
1965	34 827	471116	24 726	26 716	17 626	181017	19 720	23 726	18 617	32 725	371021	29 632	471116
1966	531220	441220	40 827	221118	21 627	21 818	19 621	20 722	34 922	39 827	451317	461220	531220
1967	33 725	451021	401218	32 6 1	27 6 4	18 5 8	16 622	17 620	26 917	34 919	37 827	371118	451021
1968	371217	351218	461122	35 921	28 714	20 727	11 527	17 626	21 717	32 826	39 925	501220	501220
1969	49 927	40 827	341119	30 821	311019	15 619	16 719	24 721	20 918	27 822	351218	481117	49 927
1970	32 821	591418	31 725	561121	251018	18 721	19 720	281018	23 821	311016	341117	451116	591418
1971	471221	451218	641319	441118	24 820	15 817	18 722	24 819	14 512	29 719	35 822	36 826	641319
1972	32 825	32 825	29 723	18 533	271018	331017	19 818	22 723	29 819	27 821	29 725	35 825	35 825
1973	32 826	34 917	341021	361017	26 717	21 626	22 820	18 819	23 723	371022	491021	511119	511119
1974	31 823	36 825	34 823	36 920	24 821	22 716	20 722	25 821	30 824	27 721	351316	441117	441117
1975	37 826	481121	531318	39 921	18 721	23 818	311316	17 529	32 822	21 627	37 920	431118	531318
MAX	571320	591418	641319	561121	421218	331017	311316	30 818	351117	421116	531221	511119	

MAX Hmo(m): 6.4 MAX Tp(sec): 13. MAX Dp(deg): 194. DATE(gmt): 71030509

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 10. DATE(gmt): 67042812

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 70.25 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 87

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	295	269	282	305	547	315	458	683	878	653	459	370	5514
0.50 - 0.99	1278	1252	1342	1703	2144	2625	2826	2928	2457	2008	1461	1311	23335
1.00 - 1.49	1310	1194	1424	1407	1450	1419	1236	1062	1000	1296	1179	1166	15143
1.50 - 1.99	886	746	963	710	569	381	372	215	273	595	781	835	7326
2.00 - 2.49	576	471	482	325	197	51	56	60	136	267	398	542	3561
2.50 - 2.99	338	248	230	206	40	5	12	11	45	93	284	313	1825
3.00 - 3.49	155	161	137	84	8	4	.	1	11	35	150	227	973
3.50 - 3.99	59	98	61	44	3	.	.	.	.	11	59	115	450
4.00 - 4.49	31	50	15	12	2	.	.	.	.	2	19	50	181
4.50 - 4.99	19	17	12	2	.	.	.	.	.	.	9	28	87
5.00 - 5.49	10	11	5	.	.	.	.	.	.	.	1	3	30
5.50 - 5.99	3	3	2	2	.	.	.	.	.	.	.	.	10
6.00 - 6.49	.	.	4	.	.	.	.	.	.	.	.	.	4
6.50 - 6.99	.	.	1	.	.	.	.	.	.	.	.	.	1
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 87

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	319	286	356	350	376	224	209	553	697	634	469	366	4839
4.0 - 4.9	1017	951	1082	1056	826	671	783	1059	1424	1276	1127	969	12241
5.0 - 5.9	1029	945	1044	718	884	1191	1228	1103	827	907	873	957	11706
6.0 - 6.9	604	474	503	570	1027	1377	1228	1092	632	581	545	557	9190
7.0 - 7.9	485	403	500	655	962	858	947	723	478	597	484	517	7609
8.0 - 8.9	467	503	536	582	451	297	440	250	313	422	463	522	5246
9.0 - 9.9	414	354	396	395	255	99	63	108	188	292	345	382	3291
10.0 - 10.9	273	246	283	286	115	51	31	53	116	125	241	328	2148
11.0 - 11.9	223	192	155	146	34	25	4	18	111	71	160	249	1388
12.0 - 12.9	94	95	50	33	19	7	8	1	13	26	57	91	494
13.0 - 13.9	30	63	38	9	5	.	10	.	1	21	19	22	218
14.0 - 14.9	5	8	10	.	6	.	9	.	.	8	8	.	54
15.0 - 15.9	.	.	3	.	.	.	.	.	.	.	6	.	9
16.0 - 16.9	.	.	4	.	.	.	.	.	.	.	1	.	5
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	2	.	2
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 87

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	194	161	182	165	101	35	37	127	192	206	245	194	1839
11.25 - 33.74 (22.5)	84	164	112	63	59	46	11	76	186	158	125	69	1153
33.75 - 56.24 (45.0)	57	108	72	42	60	11	6	35	133	159	89	57	829
56.25 - 78.74 (67.5)	79	71	89	48	53	8	10	17	127	103	93	81	779
78.75 - 101.24 (90.0)	75	54	84	57	49	26	8	24	104	90	76	97	744
101.25 - 123.74 (112.5)	41	66	76	47	52	18	8	32	59	91	71	62	623
123.75 - 146.24 (135.0)	81	122	102	95	115	50	27	91	162	172	131	118	1266
146.25 - 168.74 (157.5)	217	240	280	286	413	319	295	348	698	550	381	327	4354
168.75 - 191.24 (180.0)	789	701	840	847	1198	1355	1077	1097	904	961	812	834	11415
191.25 - 213.74 (202.5)	928	879	994	1370	1511	1773	2216	1583	690	602	773	909	14228
213.75 - 236.24 (225.0)	322	207	292	419	531	538	620	603	499	312	399	331	5073
236.25 - 258.74 (247.5)	295	287	205	241	256	247	301	347	304	344	303	285	3415
258.75 - 281.24 (270.0)	517	471	465	430	234	237	213	253	262	491	434	486	4493
281.25 - 303.74 (292.5)	438	414	420	248	127	67	67	129	197	305	321	343	3076
303.75 - 326.24 (315.0)	527	377	480	232	124	42	35	119	153	262	302	471	3124
326.25 - 348.74 (337.5)	316	198	267	210	77	28	29	79	130	154	245	296	2029
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 70.25 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 87 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1988	.	.	.	.	.	.	.	.	.	1988
1.00 - 1.99	993	362	.	.	.	.	.	.	.	.	1355
2.00 - 2.99	.	109	.	.	.	.	.	.	.	.	109
3.00 - 3.99	.	2	.	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2981	473	0	0	0	0	0	0	0	0	3454

STATION: 87 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	697	.	.	.	.	.	.	.	.	.	697
1.00 - 1.99	530	343	.	.	.	.	.	.	.	.	873
2.00 - 2.99	.	137	.	.	.	.	.	.	.	.	137
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1227	481	0	0	0	0	0	0	0	0	1708

STATION: 87 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	815	.	.	14	63	1	.	.	.	.	893
1.00 - 1.99	444	78	.	.	.	.	.	.	.	.	522
2.00 - 2.99	.	32	.	.	.	.	.	.	.	.	32
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1259	110	0	14	63	1	0	0	0	0	1447

STATION: 87 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	894	421	213	206	142	46	6	.	.	.	1928
1.00 - 1.99	191	591	61	38	26	2	.	.	.	.	909
2.00 - 2.99	.	103	74	12	4	.	.	.	.	.	193
3.00 - 3.99	.	1	20	3	.	1	.	.	.	.	25
4.00 - 4.99	.	.	.	1	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1085	1116	368	260	172	49	6	0	0	0	3056

STATION: 87 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1886	4611	3800	1398	398	56	1	2	.	.	12152
1.00 - 1.99	159	2312	3510	1843	527	37	.	.	.	.	8388
2.00 - 2.99	.	149	714	863	377	55	.	.	.	.	2158
3.00 - 3.99	.	.	96	203	195	28	7	.	.	.	529
4.00 - 4.99	.	.	.	30	45	18	.	.	.	.	93
5.00 - 5.99	.	.	.	.	1	10	.	.	.	.	11
6.00 - 6.99	.	.	.	.	.	1	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2045	7072	8120	4337	1543	205	8	2	0	0	23332

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 70.25 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 87 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2421	2730	920	239	22	3	.	.	.	.	6335
1.00 - 1.99	101	3048	966	187	27	4	.	.	.	.	4333
2.00 - 2.99	.	113	603	125	11	1	.	.	.	.	853
3.00 - 3.99	.	.	176	135	3	.	.	.	.	.	314
4.00 - 4.99	.	.	1	51	23	.	.	.	.	.	75
5.00 - 5.99	.	.	.	1	16	7	.	.	.	.	24
6.00 - 6.99	.	.	.	.	2	2	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2522	5891	2666	738	104	17	0	0	0	0	11938

STATION: 87 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2271	474	.	.	.	.	.	.	.	.	2745
1.00 - 1.99	182	2533	153	.	.	.	.	.	.	.	2868
2.00 - 2.99	.	273	1019	.	.	.	.	.	.	.	1292
3.00 - 3.99	.	3	494	8	.	.	.	.	.	.	505
4.00 - 4.99	.	.	22	77	.	.	.	.	.	.	99
5.00 - 5.99	.	.	.	5	.	.	.	.	.	.	5
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2453	3283	1688	90	0	0	0	0	0	0	7514

STATION: 87 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2111	.	.	.	.	.	.	.	.	.	2111
1.00 - 1.99	1397	1824	.	.	.	.	.	.	.	.	3221
2.00 - 2.99	.	612	.	.	.	.	.	.	.	.	612
3.00 - 3.99	.	34	13	.	.	.	.	.	.	.	47
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3508	2470	13	0	0	0	0	0	0	0	5991

STATION: 87 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	13083	8236	4933	1857	625	106	7	2	.	.	28849
1.00 - 1.99	3997	11091	4690	2068	580	43	.	.	.	.	22469
2.00 - 2.99	.	1528	2410	1000	392	56	.	.	.	.	5386
3.00 - 3.99	.	41	799	349	198	29	7	.	.	.	1423
4.00 - 4.99	.	.	23	159	68	18	.	.	.	.	268
5.00 - 5.99	.	.	.	6	17	17	.	.	.	.	40
6.00 - 6.99	.	.	.	.	2	3	.	.	.	.	5
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	17080	20896	12855	5439	1882	272	14	2	0	0	58440

STATION: 87

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	91	82	107	142	203	172	203	230	217	147	125	117	1836
2.50 - 4.99	952	971	1039	1501	2185	2527	2855	2845	2300	1779	1174	1073	21201
5.00 - 7.49	1039	914	1107	1271	1514	1462	1382	1349	1261	1323	1132	1027	14781
7.50 - 9.99	1208	1123	1335	1233	925	598	490	480	802	1078	1243	1074	11589
10.00 - 12.49	754	641	685	416	96	31	18	47	169	411	593	635	4496
12.50 - 14.99	597	566	527	183	33	9	6	9	49	183	404	711	3277
15.00 - 17.49	126	118	83	22	3	1	5	.	1	24	70	181	634
17.50 - 19.99	145	102	53	22	1	.	1	.	1	15	47	122	509
20.00 - GREATER	48	3	24	10	.	.	.	.	.	.	12	20	117
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 70.25 W, DEPTH: 18 M

STATION: 87

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	674	566	625	561	442	315	215	423	589	575	635	664	6284
22.50 - 67.49 (45.0)	297	419	353	245	288	185	153	211	494	505	359	336	3845
67.50 - 112.49 (90.0)	246	265	353	220	220	151	83	137	311	335	269	320	2910
112.50 - 157.49 (135.0)	297	370	437	397	414	369	253	276	367	413	378	389	4360
157.50 - 202.49 (180.0)	400	320	425	565	838	900	908	753	594	564	590	450	7307
202.50 - 247.49 (225.0)	526	416	453	758	1085	1396	1667	1390	814	638	663	562	10368
247.50 - 292.49 (270.0)	1029	894	912	1043	934	976	1198	1066	857	1007	864	890	11670
292.50 - 337.49 (315.0)	1491	1270	1402	1011	739	508	483	704	774	923	1042	1349	11696
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 87

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.51	1.34	1.30	1.24	0.88	0.98	0.91	0.81	0.73	0.89	1.11	1.21	1.07
1957	1.20	1.20	0.99	1.28	0.91	0.73	0.84	0.70	0.76	0.87	1.36	1.87	1.06
1958	1.50	1.63	1.29	1.37	0.99	0.99	0.90	0.92	0.86	1.15	1.36	1.30	1.18
1959	1.73	1.43	1.58	1.13	0.81	0.81	0.89	0.74	0.63	1.15	1.41	1.41	1.14
1960	1.37	1.94	1.37	1.27	0.80	0.94	0.87	0.78	0.82	1.05	1.20	1.32	1.14
1961	1.38	1.26	1.25	1.39	1.19	1.07	0.73	0.69	1.01	1.16	1.06	1.41	1.13
1962	1.55	1.19	1.51	1.45	0.67	0.81	0.86	0.81	0.90	1.09	1.40	1.57	1.15
1963	1.33	1.47	1.47	1.15	1.11	0.82	0.89	0.80	0.90	0.91	1.62	1.41	1.15
1964	1.97	1.60	1.63	1.08	1.04	0.94	0.96	0.81	0.95	0.96	1.26	1.45	1.22
1965	1.56	1.45	1.17	1.01	0.74	0.94	0.93	0.93	0.72	1.27	1.27	1.08	1.09
1966	1.62	1.29	1.31	0.84	1.06	0.99	0.89	0.84	1.12	1.10	1.20	1.47	1.14
1967	1.39	1.67	1.24	1.20	1.16	0.75	0.99	0.91	0.99	1.07	1.30	1.52	1.18
1968	1.40	1.48	1.48	1.14	0.99	0.93	0.57	0.65	0.64	1.05	1.42	1.91	1.14
1969	1.45	1.52	1.49	1.28	1.17	0.80	0.79	0.97	0.76	0.99	1.30	1.65	1.18
1970	1.31	1.74	1.35	1.19	1.00	0.97	0.88	0.89	0.77	0.97	1.08	1.49	1.13
1971	1.47	1.67	1.70	1.26	1.12	0.77	0.94	0.88	0.63	0.94	1.15	1.32	1.15
1972	1.33	1.39	1.37	1.05	1.24	1.16	0.82	0.77	0.91	1.04	1.16	1.28	1.13
1973	1.60	1.25	1.26	1.44	1.12	0.98	0.97	0.80	0.86	1.08	1.76	1.88	1.25
1974	1.10	1.31	1.44	1.55	0.99	0.91	0.68	0.74	0.81	0.92	1.46	1.54	1.12
1975	1.39	1.31	1.49	1.30	0.66	0.92	1.18	0.54	0.82	0.95	1.39	1.58	1.13
MEAN	1.46	1.46	1.38	1.23	0.98	0.91	0.87	0.80	0.83	1.03	1.31	1.48	

STATION: 87

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	38 824	501122	38 826	381119	22 721	19 721	22 821	17 531	22 727	24 727	34 820	491022	501122
1957	31 725	37 925	31 826	421219	22 725	24 821	18 620	14 719	23 722	24 727	31 818	42 925	42 925
1958	31 917	42 922	371119	29 634	211118	22 726	24 726	22 718	24 534	33 827	39 925	37 828	42 922
1959	491121	351020	511221	28 819	19 725	18 627	24 716	16 623	18 724	411016	45 925	511221	511221
1960	45 927	541221	321220	361119	16 719	21 726	271020	191020	31 817	27 725	42 926	331018	541221
1961	36 729	431220	38 828	36 827	411218	26 721	14 623	14 721	321218	31 824	30 827	38 922	431220
1962	351021	25 715	391516	41 919	18 619	20 725	21 726	20 533	27 726	35 826	40 923	481121	481121
1963	501122	47 927	41 924	42 925	28 817	19 726	18 819	30 819	29 719	25 630	501321	39 925	501321
1964	591321	37 826	361319	30 821	24 824	24 726	17 819	24 818	261118	22 626	37 825	35 922	591321
1965	36 827	461119	25 724	25 717	16 625	17 621	19 721	24 727	17 618	31 824	40 828	28 920	461119
1966	551221	451221	42 925	221020	22 723	20 819	19 622	20 723	33 923	39 828	411318	48 926	551221
1967	34 827	451022	391119	31 6 1	27 820	15 623	17 622	17 720	25 818	33 920	38 827	381119	451022
1968	37 823	341219	461024	35 921	27 715	19 727	11 527	17 626	21 716	33 827	42 927	50 926	50 926
1969	501025	43 926	34 825	30 821	321019	15 620	16 719	23 721	20 918	28 822	311219	451118	501025
1970	33 821	571419	32 827	561121	241019	18 721	19 720	271018	24 821	31 916	33 825	44 826	571419
1971	49 927	441319	661321	431119	25 821	14 623	18 723	24 820	12 618	29 719	35 825	38 827	661321
1972	34 827	34 826	29 724	19 5 4	261018	32 716	18 819	22 627	29 819	28 821	29 824	36 827	36 827
1973	34 827	33 917	341022	34 716	26 718	22 725	22 821	18 819	22 723	371022	471022	491119	491119
1974	29 823	38 826	35 825	361021	24 821	22 717	19 723	24 821	32 825	27 722	321316	421018	421018
1975	38 827	481122	501318	411021	18 721	22 5 5	291317	19 628	31 822	21 726	371021	431119	501318
MAX	591321	571419	661321	561121	411218	32 716	291317	30 819	33 923	411016	501321	511221	

MAX Hmo(m): 6.6 MAX Tp(sec): 13. MAX Dp(deg): 205. DATE(gmt): 71030509

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 30. DATE(gmt): 62030712

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.00 N, LONG: 70.00 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 88

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	82	91	89	110	183	100	169	316	292	207	154	126	1919
0.50 - 0.99	994	986	1035	1346	1865	2293	2643	2806	2409	1745	1160	1021	20303
1.00 - 1.49	1102	924	1122	1297	1663	1728	1470	1351	1188	1317	1141	1044	15347
1.50 - 1.99	957	887	1063	993	799	529	575	343	467	848	925	903	9289
2.00 - 2.49	741	577	720	492	294	114	75	109	220	481	589	659	5071
2.50 - 2.99	462	447	451	288	116	20	15	26	141	211	415	492	3084
3.00 - 3.49	284	272	240	147	21	8	1	9	56	94	205	304	1641
3.50 - 3.99	161	139	109	61	12	6	.	.	17	34	121	206	866
4.00 - 4.49	80	96	64	39	3	1	2	.	8	11	48	122	474
4.50 - 4.99	48	53	25	16	4	1	1	.	2	7	27	50	234
5.00 - 5.49	39	26	10	5	.	.	5	.	.	5	13	28	131
5.50 - 5.99	5	13	12	5	.	.	3	.	.	.	2	4	44
6.00 - 6.49	3	4	5	1	.	.	1	.	.	.	.	1	15
6.50 - 6.99	2	5	5	.	.	.	.	.	.	.	.	.	12
7.00 - 7.49	.	.	7	.	.	.	.	.	.	.	.	.	7
7.50 - 7.99	.	.	3	.	.	.	.	.	.	.	.	.	3
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 88

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	67	127	119	136	148	59	73	253	155	131	131	114	1513
4.0 - 4.9	443	358	423	502	437	433	539	807	685	591	474	377	6069
5.0 - 5.9	783	753	866	769	856	1156	1129	1085	990	1026	817	695	10925
6.0 - 6.9	1026	829	1048	742	1099	1361	1263	1198	752	855	858	841	11872
7.0 - 7.9	701	554	637	700	1029	1041	1069	890	756	764	617	694	9452
8.0 - 8.9	623	535	585	678	637	434	568	352	672	722	540	574	6920
9.0 - 9.9	499	488	551	604	460	192	197	224	397	455	537	577	5181
10.0 - 10.9	393	337	355	373	218	74	85	89	224	213	417	513	3291
11.0 - 11.9	271	288	205	211	42	42	23	44	144	116	257	370	2013
12.0 - 12.9	110	150	97	55	24	8	8	16	25	43	85	167	788
13.0 - 13.9	43	76	49	20	9	.	4	2	.	35	40	35	313
14.0 - 14.9	1	25	19	7	1	.	2	.	.	8	18	2	83
15.0 - 15.9	.	.	6	2	.	.	.	.	.	1	4	1	14
16.0 - 16.9	.	.	.	1	.	.	.	.	.	.	5	.	6
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 88

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	81	53	54	50	45	20	26	79	57	45	65	55	630
11.25 - 33.74 (22.5)	88	61	81	46	20	19	7	58	90	92	50	92	704
33.75 - 56.24 (45.0)	217	243	229	173	141	44	14	98	210	318	283	244	2214
56.25 - 78.74 (67.5)	168	186	198	138	129	25	27	78	249	237	249	157	1841
78.75 - 101.24 (90.0)	198	248	238	261	237	87	102	159	467	445	338	297	3077
101.25 - 123.74 (112.5)	206	217	201	211	287	207	163	169	587	489	309	407	3453
123.75 - 146.24 (135.0)	317	222	253	321	409	434	408	400	647	417	257	194	4279
146.25 - 168.74 (157.5)	241	240	323	288	398	423	311	412	367	429	336	320	4088
168.75 - 191.24 (180.0)	461	523	566	633	1001	1077	911	900	518	516	495	559	8160
191.25 - 213.74 (202.5)	685	661	774	1049	1085	1392	1800	1267	445	385	567	606	10716
213.75 - 236.24 (225.0)	353	224	301	443	521	499	616	564	387	279	435	334	4956
236.25 - 258.74 (247.5)	273	248	214	228	240	238	309	332	249	304	268	279	3182
258.75 - 281.24 (270.0)	408	436	402	357	198	216	185	186	176	402	379	407	3752
281.25 - 303.74 (292.5)	454	427	459	264	108	71	40	109	141	275	307	336	2991
303.75 - 326.24 (315.0)	525	366	471	218	84	34	22	88	111	234	301	449	2903
326.25 - 348.74 (337.5)	285	165	196	120	57	14	19	61	99	93	161	224	1494
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.00 N LONG: 70.00 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 88 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	599	34	11	1	.	.	.	.	.	.	645
1.00 - 1.99	428	75	5	5	.	.	.	.	.	.	513
2.00 - 2.99	.	54	2	2	.	.	.	.	.	.	58
3.00 - 3.99	.	2	1	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1027	165	19	8	0	0	0	0	0	0	1219

STATION: 88 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	296	423	365	109	52	27	.	.	.	.	1272
1.00 - 1.99	119	673	448	335	12	1	.	.	.	.	1588
2.00 - 2.99	.	85	254	145	67	.	.	.	.	.	551
3.00 - 3.99	.	.	45	48	36	16	1	.	.	.	146
4.00 - 4.99	.	.	.	21	24	14	.	.	.	.	59
5.00 - 5.99	.	.	.	2	3	16	.	.	.	.	21
6.00 - 6.99	.	.	.	.	.	1	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	415	1181	1112	660	194	75	1	0	0	0	3638

STATION: 88 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	357	426	605	722	366	31	4	.	.	.	2511
1.00 - 1.99	89	877	542	459	248	33	.	.	.	.	2248
2.00 - 2.99	.	100	385	110	20	6	.	.	.	.	621
3.00 - 3.99	.	.	85	137	25	2	.	.	.	.	249
4.00 - 4.99	.	.	.	42	52	2	.	.	.	.	96
5.00 - 5.99	.	.	.	2	20	10	.	.	.	.	32
6.00 - 6.99	.	.	.	.	.	1	1	.	.	.	2
7.00 - 7.99	.	.	.	.	.	2	5	.	.	.	7
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	446	1403	1617	1472	731	87	10	0	0	0	5766

STATION: 88 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	608	753	1556	980	274	20	6	.	.	.	4197
1.00 - 1.99	116	1084	632	576	238	54	3	.	.	.	2703
2.00 - 2.99	.	125	353	176	89	13	.	.	.	.	756
3.00 - 3.99	.	.	59	145	47	7	.	.	.	.	258
4.00 - 4.99	.	.	.	26	63	4	.	.	.	.	93
5.00 - 5.99	.	.	.	.	9	2	.	.	.	.	11
6.00 - 6.99	.	.	.	.	.	1	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	724	1962	2600	1903	720	101	9	0	0	0	8019

STATION: 88 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1014	2726	1939	466	63	3	.	.	.	.	6211
1.00 - 1.99	158	2355	3082	1376	308	15	.	.	.	.	7294
2.00 - 2.99	.	131	804	836	273	17	.	.	.	.	2061
3.00 - 3.99	.	.	95	340	185	24	.	.	.	.	644
4.00 - 4.99	.	.	1	35	105	27	.	.	.	.	168
5.00 - 5.99	.	.	.	.	22	17	.	.	.	.	39
6.00 - 6.99	.	.	.	.	1	8	.	.	.	.	9
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1172	5212	5921	3053	957	111	0	0	0	0	16426

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.00 N LONG: 70.00 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 88 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1381	2071	734	171	25	1	.	.	.	.	4383
1.00 - 1.99	101	3223	1344	316	58	5	.	.	.	.	5047
2.00 - 2.99	.	124	721	213	9	2	.	.	.	.	1069
3.00 - 3.99	.	.	116	251	16	.	.	.	.	.	383
4.00 - 4.99	.	.	2	82	34	.	.	.	.	.	118
5.00 - 5.99	.	.	.	6	50	4	.	.	.	.	60
6.00 - 6.99	.	.	.	.	7	7	.	.	.	.	14
7.00 - 7.99	.	.	.	.	.	3	.	.	.	.	3
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	1482	5418	2917	1039	199	22	0	0	0	0	11077

STATION: 88 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1115	637		.	.	.	.	.	.	.	1752
1.00 - 1.99	95	2411	280	.	.	.	.	.	.	.	2786
2.00 - 2.99	.	349	1046	5	.	.	.	.	.	.	1400
3.00 - 3.99	.	.	345	175	.	.	.	.	.	.	520
4.00 - 4.99	.	.	5	141	.	.	.	.	.	.	146
5.00 - 5.99	.	.	.	12	.	.	.	.	.	.	12
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	1210	3397	1676	333	0	0	0	0	0	0	6616

STATION: 88 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	990	260	1		.	.	.	.	.	.	1251
1.00 - 1.99	116	2338		3	.	.	.	.	.	.	2457
2.00 - 2.99	.	1457	181	1	.	.	.	.	.	.	1639
3.00 - 3.99	.	4	300	.	.	.	.	.	.	.	304
4.00 - 4.99	.	.	28	.	.	.	.	.	.	.	28
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	1106	4059	510	4	0	0	0	0	0	0	5679

STATION: 88 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	6360	7330	5211	2449	780	82	10	.	.	.	22222
1.00 - 1.99	1222	13036	6333	3070	864	108	3	.	.	.	24636
2.00 - 2.99	.	2425	3746	1488	458	38	.	.	.	.	8155
3.00 - 3.99	.	6	1046	1096	309	49	1	.	.	.	2507
4.00 - 4.99	.	.	36	347	278	47	.	.	.	.	708
5.00 - 5.99	.	.	.	22	104	49	.	.	.	.	175
6.00 - 6.99	.	.	.	.	8	18	1	.	.	.	27
7.00 - 7.99	.	.	.	.	.	5	5	.	.	.	10
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	7582	22797	16372	8472	2801	396	20	0	0	0	58440

STATION: 88

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	91	72	90	124	161	133	143	186	183	110	103	87	1483
2.50 - 4.99	867	872	950	1349	2084	2461	2809	2757	2204	1686	1127	1016	20182
5.00 - 7.49	1048	925	1097	1264	1514	1513	1386	1406	1308	1339	1086	1031	14917
7.50 - 9.99	1224	1144	1336	1298	1026	639	582	529	814	1142	1271	1124	12129
10.00 - 12.49	763	642	728	478	127	39	25	65	208	431	648	632	4786
12.50 - 14.99	630	589	571	214	40	12	4	17	74	212	426	714	3503
15.00 - 17.49	136	149	90	32	7	1	3	.	8	21	66	203	716
17.50 - 19.99	161	118	68	28	1	2	7	.	1	19	60	126	591
20.00 - GREATER	40	9	30	13			1				13	27	133
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.00 N, LONG: 70.00 W, DEPTH: 18 M

STATION: 88

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	672	589	627	559	465	350	242	467	601	611	662	651	6496
22.50 - 67.49	(45.0)	282	436	349	243	310	197	170	207	543	551	370	329	3987
67.50 - 112.49	(90.0)	240	244	336	222	221	155	99	159	308	315	263	298	2860
112.50 - 157.49	(135.0)	314	369	429	428	460	411	325	359	417	504	388	385	4789
157.50 - 202.49	(180.0)	433	334	436	537	803	888	898	750	571	493	559	466	7168
202.50 - 247.49	(225.0)	510	430	482	749	1083	1376	1660	1369	809	618	662	566	10314
247.50 - 292.49	(270.0)	938	861	873	1041	889	950	1118	989	781	952	835	893	11120
292.50 - 337.49	(315.0)	1571	1257	1428	1021	729	473	448	660	770	916	1061	1372	11706
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 88

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.23	1.55	1.58	1.47	0.99	1.13	1.01	1.01	1.02	1.27	1.31	1.47	1.34
1957	1.49	1.49	1.32	1.47	1.00	0.84	0.93	0.83	0.89	1.16	1.57	2.14	1.26
1958	1.93	1.96	1.85	1.83	1.22	1.16	0.99	1.02	0.98	1.58	1.56	1.65	1.48
1959	2.04	1.66	1.81	1.35	0.91	0.95	0.97	0.93	0.76	1.41	1.65	1.72	1.34
1960	1.63	2.31	1.73	1.42	1.01	1.12	0.97	0.88	1.08	1.32	1.31	1.62	1.36
1961	1.74	1.54	1.54	1.62	1.37	1.15	0.84	0.79	1.39	1.60	1.37	1.66	1.38
1962	1.76	1.58	2.18	1.62	0.90	0.90	0.98	1.03	1.14	1.31	1.91	1.96	1.44
1963	1.63	1.72	1.69	1.33	1.27	0.92	0.99	0.89	1.24	1.21	1.95	1.68	1.37
1964	2.34	1.99	1.94	1.27	1.25	1.01	1.11	0.90	1.26	1.16	1.41	1.70	1.44
1965	1.95	1.71	1.41	1.19	0.82	1.06	1.00	1.01	0.89	1.42	1.48	1.25	1.26
1966	2.00	1.49	1.47	1.04	1.20	1.09	1.01	0.94	1.36	1.24	1.64	1.90	1.36
1967	1.61	1.96	1.62	1.55	1.46	0.87	1.10	0.99	1.30	1.54	1.55	1.90	1.43
1968	1.77	1.82	1.78	1.43	1.20	1.00	0.63	0.69	0.83	1.23	1.74	2.17	1.36
1969	1.86	2.41	1.94	1.43	1.34	0.92	0.95	1.06	1.07	1.30	1.76	2.05	1.50
1970	1.65	2.11	1.57	1.55	1.19	1.07	0.96	1.05	0.89	1.31	1.54	1.93	1.40
1971	1.71	1.92	2.05	1.55	1.34	0.86	1.02	0.98	0.86	1.24	1.44	1.57	1.38
1972	1.55	1.72	1.65	1.26	1.52	1.34	0.92	0.85	1.23	1.31	1.46	1.64	1.37
1973	1.85	1.73	1.63	1.68	1.28	1.10	1.10	0.95	0.98	1.29	1.92	2.14	1.47
1974	1.25	1.64	1.68	1.71	1.18	1.05	0.79	0.89	1.03	1.10	1.81	1.92	1.33
1975	1.77	1.58	1.88	1.64	0.82	1.08	1.45	0.66	1.04	1.24	1.64	2.06	1.40
MEAN	1.79	1.79	1.72	1.47	1.16	1.03	0.99	0.92	1.06	1.30	1.60	1.81	

STATION: 88

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	521211	531122	39 926	411219	22 722	21 722	23 821	29 8 4	37 9 8	30 9 6	35 820	541025	541025
1957	37 732	4210 5	3810 8	461219	22 726	26 821	18 621	15 719	23 722	37 9 8	33 919	4610 6	4610 6
1958	37 912	471121	471211	481110	351116	21 725	22 726	22 820	29 633	35 9 6	42 927	4410 9	481110
1959	521319	40 927	571222	28 919	21 726	20 627	28 817	26 7 3	22 634	451214	491123	601222	601222
1960	501122	651321	481212	391119	21 716	35 9 5	291020	211020	34 816	3811 6	471025	461012	651321
1961	491110	591112	42 926	39 925	471218	27 721	15 623	15 528	461217	5314 5	31 827	41 922	591112
1962	381021	4011 6	7615 8	471019	20 718	20 726	19 726	28 632	4910 5	37 925	4713 4	491221	7615 8
1963	561123	511026	44 926	461024	30 817	19 726	21 726	32 920	3510 8	34 730	541219	43 927	561123
1964	661322	4110 7	441319	32 826	24 824	24 826	22 7 3	25 818	341117	25 631	41 925	44 831	661322
1965	4710 7	521219	26 633	29 710	16 625	261017	21 720	25 728	17 719	30 922	451023	36 733	521219
1966	631222	501222	461024	27 8 4	24 822	22 819	19 722	22 722	34 923	42 926	531316	531123	631222
1967	36 926	451023	441219	5611 6	40 910	24 713	18 722	18 820	35 9 8	36 820	43 926	461219	5611 6
1968	471214	581210	501320	36 921	30 914	19 728	11 526	16 625	22 715	34 925	471023	551123	581210
1969	551223	5814 5	431111	30 821	351020	16 718	19 6 3	23 919	27 8 6	32 732	391218	501218	5814 5
1970	33 922	671418	32 826	601221	281019	18 919	20 627	341018	26 820	36 914	391017	541117	671418
1971	571222	491319	761421	481117	26 921	16 817	19 720	25 820	16 532	31 818	44 910	441024	761421
1972	34 826	36 827	29 822	29 8 7	301018	361018	19 819	22 626	35 816	29 822	31 818	40 926	40 926
1973	36 828	4412 5	3710 7	361018	26 718	22 725	22 821	20 819	24 823	361023	501122	541219	541219
1974	30 823	42 925	37 9 9	391121	24 821	22 818	19 723	24 8 4	31 826	25 822	5913 9	551112	5913 9
1975	5011 9	521022	601318	5912 7	27 7 3	4510 9	621313	22 6 3	30 823	29 7 6	4710 7	491119	621313
MAX	661322	671418	761421	601221	471218	4510 9	621313	341018	4910 5	5314 5	5913 9	601222	

MAX Hmo(m): 7.6 MAX Tp(sec): 14. MAX Dp(deg): 205. DATE(gmt): 71030509

MAX WIND SPEED(m/sec): 27. MAX WIND DIRECTION(deg): 30. DATE(gmt): 62030712

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 69.75 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 89

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	99	100	128	161	273	140	303	396	382	277	180	116	2555
0.50 - 0.99	1027	1111	1100	1595	2192	2767	3037	3125	2550	1895	1232	1101	22732
1.00 - 1.49	1259	1032	1288	1298	1485	1408	1178	1049	1026	1406	1219	1137	14785
1.50 - 1.99	993	882	1079	845	649	386	373	285	415	707	990	906	8510
2.00 - 2.49	621	594	581	453	232	62	45	71	227	349	589	680	4504
2.50 - 2.99	435	349	341	221	74	21	11	22	129	180	294	431	2508
3.00 - 3.49	246	195	227	118	25	12	1	12	49	83	130	278	1375
3.50 - 3.99	138	106	102	49	15	3	1	.	8	30	84	158	694
4.00 - 4.49	75	70	53	23	12	1	2	.	9	14	34	90	383
4.50 - 4.99	33	42	26	12	3	.	3	.	5	9	17	39	189
5.00 - 5.49	30	18	10	13	.	.	6	.	.	5	18	17	117
5.50 - 5.99	4	11	9	6	.	.	1	.	.	5	7	5	48
6.00 - 6.49	.	7	6	5	.	.	.	.	.	.	4	2	24
6.50 - 6.99	.	3	2	1	.	.	.	.	.	.	2	.	8
7.00 - 7.49	.	.	3	.	.	.	.	.	.	.	.	.	3
7.50 - 7.99	.	.	4	.	.	.	.	.	.	.	.	.	4
8.00 - 8.49	.	.	1	.	.	.	.	.	.	.	.	.	1
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 89

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	110	136	142	183	190	167	212	391	230	233	187	131	2312
4.0 - 4.9	532	571	646	615	589	625	561	712	747	811	559	467	7435
5.0 - 5.9	614	550	616	560	673	829	802	912	786	787	670	539	8338
6.0 - 6.9	581	486	594	539	947	1158	1103	1107	797	613	637	555	9117
7.0 - 7.9	649	607	716	715	1065	1153	1177	1030	832	808	660	700	10112
8.0 - 8.9	884	577	783	717	732	555	749	432	692	757	669	733	8280
9.0 - 9.9	658	539	635	660	481	200	252	235	358	498	548	671	5735
10.0 - 10.9	436	424	410	451	211	65	75	79	196	249	438	582	3616
11.0 - 11.9	326	340	253	255	38	42	19	47	144	119	252	363	2198
12.0 - 12.9	123	185	92	72	20	6	5	11	17	48	109	189	877
13.0 - 13.9	45	76	45	23	6	.	4	4	1	28	47	23	302
14.0 - 14.9	2	26	21	7	7	.	1	.	.	7	18	7	96
15.0 - 15.9	.	1	6	3	1	.	.	.	.	2	4	.	17
16.0 - 16.9	.	2	.	.	.	.	.	.	.	.	2	.	4
17.0 - 17.9	.	.	1	.	.	.	.	.	.	.	.	.	1
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 89

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	995	612	742	409	170	56	57	188	231	389	526	845	5220
11.25 - 33.74 (22.5)	263	233	247	174	128	58	14	103	215	241	272	300	2248
33.75 - 56.24 (45.0)	159	237	194	140	131	54	26	96	183	267	243	169	1899
56.25 - 78.74 (67.5)	188	217	269	174	155	46	32	103	292	259	272	192	2199
78.75 - 101.24 (90.0)	157	155	166	207	216	81	84	103	332	317	158	193	2169
101.25 - 123.74 (112.5)	190	217	221	209	296	250	208	225	645	495	314	325	3595
123.75 - 146.24 (135.0)	324	245	267	356	498	528	575	527	706	471	344	298	5139
146.25 - 168.74 (157.5)	297	310	360	357	563	545	380	480	458	531	404	419	5104
168.75 - 191.24 (180.0)	731	764	858	1061	1305	1444	1541	1319	569	653	689	731	11665
191.25 - 213.74 (202.5)	622	544	611	894	790	1009	1301	943	437	336	607	558	8652
213.75 - 236.24 (225.0)	310	223	244	275	299	323	392	363	279	250	316	314	3588
236.25 - 258.74 (247.5)	71	86	58	72	82	108	130	165	87	99	87	72	1117
258.75 - 281.24 (270.0)	114	111	112	101	102	165	127	131	97	206	103	88	1457
281.25 - 303.74 (292.5)	149	180	200	120	67	64	43	82	83	164	143	113	1408
303.75 - 326.24 (315.0)	192	219	255	147	86	46	25	64	87	159	176	184	1640
326.25 - 348.74 (337.5)	198	167	156	104	72	23	25	68	99	123	146	159	1340
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 69.75 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 89 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	761	822	194								1777
1.00 - 1.99	169	1254	1470	8							2901
2.00 - 2.99	.	177	1168	291							1636
3.00 - 3.99	.	1	131	335							467
4.00 - 4.99	.	.	2	84	8						94
5.00 - 5.99	.	.	.	5	7						12
6.00 - 6.99	.	.	.	.	5						5
7.00 - 7.99	.	.	.	.	.						0
8.00 - 8.99	.	.	.	.	.						0
9.00 - GREATER	.	.	.	.	.						0
TOTAL	930	2254	2965	723	20	0	0	0	0	0	6892

STATION: 89 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	392	413	93	136	132	65	12	1	.	.	1244
1.00 - 1.99	76	1086	530	44	46	8	.	.	.	.	1790
2.00 - 2.99	.	70	474	179	4	.	.	.	.	.	727
3.00 - 3.99	.	.	70	196	35	.	.	.	.	.	301
4.00 - 4.99	.	.	.	63	81	9	.	.	.	.	153
5.00 - 5.99	.	.	.	3	34	27	.	.	.	.	64
6.00 - 6.99	.	.	.	.	3	9	.	.	.	.	12
7.00 - 7.99	.	.	.	.	.	1	2	.	.	.	3
8.00 - 8.99	.	.	.	.	.	1	.	.	.	.	1
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	468	1569	1167	621	335	120	14	1	0	0	4295

STATION: 89 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	405	461	529	410	187	7	.	.	.	.	1999
1.00 - 1.99	92	860	446	208	61	9	.	.	.	.	1676
2.00 - 2.99	.	79	402	56	6	.	.	.	.	.	543
3.00 - 3.99	.	.	71	139	9	.	.	.	.	.	219
4.00 - 4.99	.	.	1	44	38	.	.	.	.	.	83
5.00 - 5.99	.	.	.	1	27	7	.	.	.	.	35
6.00 - 6.99	.	.	.	.	4	2	.	.	.	.	6
7.00 - 7.99	.	.	.	.	.	3	1	.	.	.	4
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	497	1400	1449	858	332	28	1	0	0	0	4565

STATION: 89 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	607	1014	2419	1348	355	36	3	.	.	.	5782
1.00 - 1.99	145	1069	777	584	303	53	3	.	.	.	2934
2.00 - 2.99	.	126	409	188	96	6	.	.	.	.	825
3.00 - 3.99	.	.	64	152	39	9	.	.	.	.	264
4.00 - 4.99	.	.	.	24	41	4	.	.	.	.	69
5.00 - 5.99	.	.	.	1	11	3	.	.	.	.	15
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	752	2209	3669	2297	845	111	6	0	0	0	9889

STATION: 89 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1191	3183	3167	792	117	4	.	.	.	.	8454
1.00 - 1.99	157	2320	3285	2021	509	18	.	.	.	.	8310
2.00 - 2.99	.	132	731	923	375	28	.	.	.	.	2189
3.00 - 3.99	.	.	83	306	206	24	.	.	.	.	619
4.00 - 4.99	.	.	.	30	92	24	.	.	.	.	146
5.00 - 5.99	.	.	.	.	18	19	.	.	.	.	37
6.00 - 6.99	.	.	.	.	.	9	.	.	.	.	9
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1348	5635	7266	4072	1317	126	0	0	0	0	19764

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 69.75 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 89 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1262	1498	635	32	.	.	.	.	.	.	3427
1.00 - 1.99	157	1756	695	355	22	.	.	.	.	.	2985
2.00 - 2.99	.	77	312	266	129	.	.	.	.	.	784
3.00 - 3.99	.	.	43	74	63	4	.	.	.	.	184
4.00 - 4.99	.	.	.	8	9	9	.	.	.	.	26
5.00 - 5.99	.	.	.	.	2	.	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1419	3331	1685	735	225	13	0	0	0	0	7408

STATION: 89 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1561	37	30	.	.	.	.	.	.	.	1628
1.00 - 1.99	763	52	51	9	.	.	.	.	.	.	875
2.00 - 2.99	.	6	3	7	.	.	.	.	.	.	16
3.00 - 3.99	.	.	.	1	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2324	95	84	17	0	0	0	0	0	0	2520

STATION: 89 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	919	22	35	.	.	.	.	.	.	.	976
1.00 - 1.99	1090	669	60	5	.	.	.	.	.	.	1824
2.00 - 2.99	.	261	10	21	.	.	.	.	.	.	292
3.00 - 3.99	.	10	2	2	.	.	.	.	.	.	14
4.00 - 4.99	.	.	.	.	1	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2009	962	107	28	1	0	0	0	0	0	3107

STATION: 89 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	7098	7450	7102	2718	791	112	15	1	.	.	25287
1.00 - 1.99	2649	9066	7314	3234	941	88	3	.	.	.	23295
2.00 - 2.99	.	928	3509	1931	610	34	.	.	.	.	7012
3.00 - 3.99	.	11	464	1205	352	37	.	.	.	.	2069
4.00 - 4.99	.	.	3	253	270	46	.	.	.	.	572
5.00 - 5.99	.	.	.	10	99	56	.	.	.	.	165
6.00 - 6.99	.	.	.	.	12	20	.	.	.	.	32
7.00 - 7.99	.	.	.	.	.	4	3	.	.	.	7
8.00 - 8.99	.	.	.	.	.	1	.	.	.	.	1
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9747	17455	18392	9351	3075	398	21	1	0	0	58440

STATION: 89

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	90	72	89	152	200	171	213	220	244	165	129	109	1854
2.50 - 4.99	895	899	976	1412	2128	2440	2791	2821	2229	1688	1107	1002	20388
5.00 - 7.49	1045	910	1112	1247	1514	1507	1360	1385	1261	1352	1107	1040	14840
7.50 - 9.99	1247	1204	1366	1293	974	643	567	476	829	1115	1307	1140	12161
10.00 - 12.49	753	630	716	439	109	28	16	51	191	415	632	630	4610
12.50 - 14.99	608	586	552	197	33	9	5	7	43	191	398	722	3351
15.00 - 17.49	147	121	76	26	2	1	4	.	2	23	64	181	647
17.50 - 19.99	136	96	51	28	.	1	4	.	1	11	47	121	496
20.00 - GREATER	39	2	22	6	.	.	.	.	.	.	9	15	93
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.25 N, LONG: 69.75 W, DEPTH: 18 M

STATION: 89

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	651	556	622	567	430	320	221	419	600	594	637	655	6272
22.50 - 67.49 (45.0)	293	438	361	260	321	198	167	208	510	520	362	318	3956
67.50 - 112.49 (90.0)	246	255	338	221	217	143	91	150	315	329	272	318	2895
112.50 - 157.49 (135.0)	312	376	435	419	441	397	296	313	404	495	406	392	4686
157.50 - 202.49 (180.0)	420	324	441	536	811	887	864	746	579	508	552	460	7128
202.50 - 247.49 (225.0)	511	426	454	728	1070	1397	1693	1376	793	614	677	560	10299
247.50 - 292.49 (270.0)	985	884	914	1068	952	964	1180	1062	816	983	838	911	11557
292.50 - 337.49 (315.0)	1542	1261	1395	1001	718	494	448	686	783	917	1056	1346	11647
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 89

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.33	1.34	1.48	1.32	0.91	1.03	0.90	0.94	1.01	1.22	1.24	1.30	1.25
1957	1.42	1.36	1.29	1.29	0.89	0.78	0.81	0.78	0.84	1.12	1.41	1.95	1.16
1958	1.85	1.62	1.80	1.83	1.15	1.02	0.82	0.91	0.91	1.46	1.30	1.51	1.35
1959	1.87	1.51	1.57	1.24	0.79	0.85	0.86	0.87	0.73	1.31	1.52	1.64	1.23
1960	1.46	1.99	1.73	1.33	0.93	1.04	0.89	0.79	1.08	1.17	1.13	1.48	1.25
1961	1.54	1.48	1.45	1.42	1.28	1.03	0.75	0.69	1.35	1.56	1.33	1.48	1.28
1962	1.59	1.62	2.17	1.42	0.84	0.79	0.85	1.01	1.05	1.18	2.01	1.86	1.37
1963	1.62	1.55	1.55	1.18	1.21	0.78	0.88	0.79	1.27	1.18	1.82	1.49	1.28
1964	2.14	1.80	1.82	1.14	1.10	0.87	1.02	0.86	1.18	1.10	1.34	1.70	1.34
1965	1.87	1.58	1.28	1.15	0.74	0.96	0.89	0.88	0.86	1.27	1.31	1.19	1.16
1966	2.06	1.36	1.32	0.94	1.11	0.99	0.91	0.83	1.24	1.06	1.70	1.82	1.28
1967	1.46	1.80	1.71	1.65	1.40	0.82	1.02	0.89	1.23	1.25	1.35	1.97	1.38
1968	1.84	1.57	1.65	1.44	1.12	0.91	0.54	0.64	0.80	1.08	1.61	1.90	1.26
1969	1.67	2.42	1.82	1.33	1.29	0.87	0.91	0.97	1.01	1.23	1.70	2.04	1.43
1970	1.59	1.96	1.37	1.41	1.11	1.00	0.87	0.96	0.85	1.26	1.48	1.91	1.31
1971	1.59	1.74	1.74	1.46	1.25	0.82	0.91	0.88	0.80	1.15	1.46	1.58	1.28
1972	1.47	1.58	1.56	1.23	1.47	1.27	0.83	0.79	1.15	1.27	1.50	1.54	1.30
1973	1.65	1.81	1.63	1.49	1.18	0.99	1.03	0.90	0.90	1.17	1.51	1.98	1.35
1974	1.21	1.66	1.53	1.56	1.10	1.00	0.73	0.86	1.00	1.10	1.82	1.85	1.28
1975	1.78	1.47	1.97	1.59	0.85	1.03	1.33	0.65	1.03	1.21	1.60	2.18	1.39
MEAN	1.70	1.66	1.62	1.37	1.09	0.94	0.89	0.85	1.01	1.22	1.51	1.72	

STATION: 89

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	5613 7	411021	37 810	391119	24 720	20 721	22 721	31 9 7	3410 9	32 8 4	34 819	431119	5613 7
1957	36 911	4111 7	3910 8	451218	22 636	24 820	19 620	13 516	23 720	32 9 8	311019	5212 4	5212 4
1958	391011	431120	491110	5611 7	361015	181112	16 622	21 719	34 835	32 8 5	29 717	44 9 4	5611 7
1959	501319	30 818	42 9 2	28 818	15 620	16 818	25 716	24 7 3	24 7 0	471113	40 917	461122	501319
1960	37 918	531220	6111 2	391118	20 716	31 9 6	271019	191019	32 916	3911 6	281222	6011 2	6111 2
1961	5212 8	621211	35 9 1	38 9 0	461217	25 720	15 622	14 620	471216	5814 4	41 9 1	38 921	621211
1962	38 918	4510 3	8014 7	471018	20 718	19 721	18 920	32 9 3	4910 7	331010	6512 2	4912 8	8014 7
1963	40 923	37 936	34 9 0	311120	29 916	17 6 4	19 819	31 818	31 9 7	4210 1	551217	391418	551217
1964	5312 5	4610 2	461319	29 821	22 724	17 621	25 8 4	25 817	351117	23 918	381118	6112 1	6112 1
1965	4911 7	501217	28 8 2	28 836	15 622	261017	19 720	16 718	17 6 4	28 724	36 922	401036	501217
1966	521219	35 923	381218	27 8 1	22 722	21 818	17 623	20 721	31 922	301019	541316	3710 4	541316
1967	36 912	42 9 2	431218	6614 4	44 9 8	21 713	18 622	17 720	31 9 7	361017	32 9 1	5910 2	6614 4
1968	531217	5912 7	461219	35 920	27 916	19 917	9 424	15 6 1	24 7 3	25 936	4210 2	441122	5912 7
1969	341222	6214 5	441110	311019	341019	16 718	19 7 7	22 819	261014	31 9 0	391218	501217	6214 5
1970	4110 1	681418	34 9 3	521121	271018	17 918	19 719	321017	24 820	39 9 0	361117	541116	681418
1971	38 9 1	501318	631319	471117	25 820	17 816	19 722	22 819	15 715	31 817	441011	31 922	631319
1972	28 836	3810 8	29 821	32 836	4310 4	351017	18 819	19 721	33 914	28 912	29 817	31 912	4310 4
1973	33 818	4412 5	44 9 1	361017	25 818	20 714	22 720	19 719	24 918	33 922	451121	531218	531218
1974	31 821	40 9 4	341011	361119	25 7 0	22 817	19 721	22 7 3	29 918	31 936	6013 7	531111	6013 7
1975	5111 6	491021	611317	5812 8	4210 3	42 9 7	581313	23 8 4	28 821	4310 1	4510 8	491118	611317
MAX	5613 7	681418	8014 7	6614 4	461217	42 9 7	581313	321017	4910 7	5814 4	6512 2	6112 1	

MAX Hmo(m): 8.0 MAX Tp(sec): 14. MAX Dp(deg): 65. DATE(gmt): 62030712

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 35. DATE(gmt): 62030712

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.50 N, LONG: 69.75 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 90

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	141	137	179	231	375	250	429	567	476	353	233	152	3523
0.50 - 0.99	1130	1185	1162	1744	2405	2985	3239	3232	2616	2036	1308	1200	24242
1.00 - 1.49	1301	1094	1349	1316	1371	1199	1014	887	982	1364	1269	1169	14315
1.50 - 1.99	929	858	1029	758	531	289	240	200	393	622	979	907	7735
2.00 - 2.49	592	578	534	394	180	51	22	45	191	315	534	610	4046
2.50 - 2.99	408	288	330	177	49	16	3	23	98	159	238	429	2218
3.00 - 3.49	217	158	191	96	25	9	1	6	27	53	110	240	1133
3.50 - 3.99	119	103	96	40	13	1	3	.	11	27	64	138	615
4.00 - 4.49	73	57	41	15	11	.	7	.	6	15	31	63	319
4.50 - 4.99	31	29	20	9	.	.	2	.	.	6	6	34	137
5.00 - 5.49	16	16	10	11	.	.	.	.	.	4	18	10	85
5.50 - 5.99	3	9	7	3	.	.	.	.	.	5	6	5	38
6.00 - 6.49	.	7	3	4	.	.	.	.	.	1	4	2	21
6.50 - 6.99	.	1	2	1	.	.	.	.	.	.	.	1	5
7.00 - 7.49	.	.	2	1	.	.	.	.	.	.	.	.	3
7.50 - 7.99	.	.	5	.	.	.	.	.	.	.	.	.	5
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 90

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	157	196	197	232	292	285	390	563	363	345	255	181	3456
4.0 - 4.9	703	679	809	806	829	911	855	971	1035	983	729	636	9946
5.0 - 5.9	610	583	555	516	540	618	577	682	630	728	645	568	7252
6.0 - 6.9	530	459	535	451	772	998	868	944	702	538	602	518	7917
7.0 - 7.9	628	588	694	671	987	1092	1170	995	719	739	608	671	9562
8.0 - 8.9	799	505	737	652	767	582	754	426	647	712	560	703	7844
9.0 - 9.9	564	476	561	629	456	216	276	229	340	452	502	589	5290
10.0 - 10.9	433	360	395	420	230	62	54	97	190	255	414	497	3407
11.0 - 11.9	338	342	253	300	46	30	7	36	152	108	271	352	2235
12.0 - 12.9	148	216	126	90	18	5	4	15	22	61	118	193	1016
13.0 - 13.9	43	85	63	28	10	1	1	2	.	30	62	42	367
14.0 - 14.9	7	27	32	5	12	.	4	.	.	2	22	10	121
15.0 - 15.9	.	1	2	.	1	.	.	.	.	5	11	.	20
16.0 - 16.9	.	3	1	.	.	.	.	.	.	1	1	.	6
17.0 - 17.9	.	.	.	.	.	.	.	.	.	1	.	.	1
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 90

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	1073	661	802	441	182	61	52	193	244	421	551	904	5585
11.25 - 33.74 (22.5)	252	265	251	189	123	58	23	99	225	232	294	328	2339
33.75 - 56.24 (45.0)	187	241	202	136	135	61	29	106	183	276	229	163	1948
56.25 - 78.74 (67.5)	190	193	336	224	206	44	30	98	251	258	289	221	2340
78.75 - 101.24 (90.0)	175	228	177	208	224	111	112	118	425	355	217	223	2573
101.25 - 123.74 (112.5)	171	167	178	145	233	189	167	135	374	320	247	231	2557
123.75 - 146.24 (135.0)	257	218	268	286	450	455	435	471	753	476	301	297	4667
146.25 - 168.74 (157.5)	374	369	394	492	721	728	574	613	555	614	464	438	6336
168.75 - 191.24 (180.0)	1041	1014	1145	1411	1584	1833	2145	1661	728	813	928	986	15289
191.25 - 213.74 (202.5)	353	297	300	525	443	539	689	559	318	233	436	381	5073
213.75 - 236.24 (225.0)	83	52	84	113	149	208	208	256	167	94	84	92	1590
236.25 - 258.74 (247.5)	64	59	46	74	109	130	170	180	96	135	86	69	1218
258.75 - 281.24 (270.0)	181	189	147	153	138	205	194	190	157	271	156	139	2120
281.25 - 303.74 (292.5)	208	237	261	164	88	86	64	104	118	186	213	174	1903
303.75 - 326.24 (315.0)	204	203	228	141	92	52	37	83	105	163	175	188	1671
326.25 - 348.74 (337.5)	147	127	141	98	83	40	31	94	101	113	130	126	1231
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.50 N, LONG: 69.75 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 90 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	904	905	139	.	.	.	.	.	.	.	1948
1.00 - 1.99	176	1312	1488	6	.	.	.	.	.	.	2982
2.00 - 2.99	.	154	1363	237	.	.	.	.	.	.	1754
3.00 - 3.99	.	.	150	360	1	.	.	.	.	.	511
4.00 - 4.99	.	.	1	100	8	.	.	.	.	.	109
5.00 - 5.99	.	.	.	8	9	.	.	.	.	.	17
6.00 - 6.99	.	.	.	1	3	.	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1080	2371	3141	712	21	0	0	0	0	0	7325

STATION: 90 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	478	473	68	106	161	96	15	1	.	.	1398
1.00 - 1.99	64	1095	516	25	55	15	.	.	.	.	1770
2.00 - 2.99	.	68	472	132	2	1	.	.	.	.	675
3.00 - 3.99	.	.	58	185	42	.	.	.	.	.	285
4.00 - 4.99	.	.	.	69	70	2	.	.	.	.	141
5.00 - 5.99	.	.	.	3	39	25	.	.	.	.	67
6.00 - 6.99	.	.	.	.	6	10	.	.	.	.	16
7.00 - 7.99	.	.	.	.	.	6	.	.	.	.	6
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	542	1636	1114	520	375	155	15	1	0	0	4358

STATION: 90 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	543	495	528	538	321	42	5	.	.	.	2472
1.00 - 1.99	86	770	422	204	141	27	1	.	.	.	1651
2.00 - 2.99	.	78	329	56	3	3	.	.	.	.	469
3.00 - 3.99	.	.	62	93	8	2	.	.	.	.	165
4.00 - 4.99	.	.	.	27	33	.	.	.	.	.	60
5.00 - 5.99	.	.	.	.	13	2	.	.	.	.	15
6.00 - 6.99	.	.	.	.	.	2	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	2	.	.	.	.	2
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	629	1343	1341	918	519	80	6	0	0	0	4836

STATION: 90 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	729	1024	2317	1270	336	29	4	.	.	.	5709
1.00 - 1.99	132	1076	680	445	226	29	.	.	.	.	2588
2.00 - 2.99	.	112	363	158	67	5	.	.	.	.	705
3.00 - 3.99	.	.	57	123	26	7	.	.	.	.	213
4.00 - 4.99	.	.	1	11	30	2	.	.	.	.	44
5.00 - 5.99	.	.	.	.	1	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	861	2212	3418	2007	686	72	4	0	0	0	9260

STATION: 90 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1591	3567	4070	1041	191	7	1	.	.	.	10468
1.00 - 1.99	270	2205	3158	2213	645	37	.	.	.	.	8528
2.00 - 2.99	.	122	706	910	473	43	.	.	.	.	2254
3.00 - 3.99	.	.	69	232	211	46	.	.	.	.	558
4.00 - 4.99	.	.	.	14	58	30	.	.	.	.	102
5.00 - 5.99	.	.	.	1	9	13	.	.	.	.	23
6.00 - 6.99	.	.	.	.	.	4	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1861	5894	8003	4411	1587	180	1	0	0	0	21937

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.50 N LONG: 69.75 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 90 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1686	341	190	15	.	.	.	.	.	.	2232
1.00 - 1.99	1008	198	141	87	14	.	.	.	.	.	1448
2.00 - 2.99	.	5	25	23	48	1	.	.	.	.	102
3.00 - 3.99	.	.	.	.	1	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2694	544	356	125	63	1	0	0	0	0	3783

STATION: 90 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2354	7	3	.	.	.	.	.	.	.	2364
1.00 - 1.99	1098	207	3	.	.	.	.	.	.	.	1308
2.00 - 2.99	.	54	2	.	.	.	.	.	.	.	56
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3452	268	8	0	0	0	0	0	0	0	3728

STATION: 90 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1151	18	5	.	.	.	.	.	.	.	1174
1.00 - 1.99	1132	626	15	2	.	.	.	.	.	.	1775
2.00 - 2.99	.	245	3	1	.	.	.	.	.	.	249
3.00 - 3.99	.	12	2	1	.	.	.	.	.	.	15
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2283	901	25	4	0	0	0	0	0	0	3213

STATION: 90 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	9436	6830	7320	2970	1009	174	25	1	.	.	27765
1.00 - 1.99	3966	7489	6423	2982	1081	108	1	.	.	.	22050
2.00 - 2.99	.	838	3263	1517	593	53	.	.	.	.	6264
3.00 - 3.99	.	12	398	994	289	55	.	.	.	.	1748
4.00 - 4.99	.	.	2	221	199	34	.	.	.	.	456
5.00 - 5.99	.	.	.	12	71	40	.	.	.	.	123
6.00 - 6.99	.	.	.	1	9	16	.	.	.	.	26
7.00 - 7.99	.	.	.	.	.	8	.	.	.	.	8
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	13402	15169	17406	8697	3251	488	26	1	0	0	58440

STATION: 90

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	91	82	99	167	228	190	236	236	249	173	148	111	2010
2.50 - 4.99	914	938	1002	1444	2151	2455	2806	2855	2254	1702	1106	1032	20659
5.00 - 7.49	1032	908	1114	1270	1519	1504	1384	1376	1269	1384	1154	1040	14954
7.50 - 9.99	1258	1183	1388	1287	932	617	505	448	836	1088	1300	1120	11962
10.00 - 12.49	756	648	708	391	100	30	17	39	159	415	589	658	4510
12.50 - 14.99	591	565	507	185	28	4	9	6	31	162	390	698	3176
15.00 - 17.49	143	106	76	24	2	.	3	.	1	23	60	183	621
17.50 - 19.99	130	89	48	26	.	.	.	.	1	13	44	103	454
20.00 - GREATER	45	1	18	6	.	.	.	.	.	.	9	15	94
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.50 N, LONG: 69.75 W, DEPTH: 18 M

STATION: 90

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	668	561	620	562	406	297	186	398	578	553	632	674	6135
22.50 - 67.49	(45.0)	295	433	365	273	318	188	168	210	493	495	357	327	3922
67.50 - 112.49	(90.0)	258	264	344	226	224	151	82	137	318	332	270	322	2928
112.50 - 157.49	(135.0)	293	366	439	393	414	366	255	273	364	431	396	409	4399
157.50 - 202.49	(180.0)	415	324	428	559	800	882	877	737	588	543	585	446	7184
202.50 - 247.49	(225.0)	513	417	435	729	1091	1422	1673	1401	827	655	662	560	10385
247.50 - 292.49	(270.0)	1025	923	946	1079	980	1002	1242	1119	869	1009	879	921	11994
292.50 - 337.49	(315.0)	1493	1232	1383	979	727	492	477	685	763	942	1019	1301	11493
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 90

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.29	1.26	1.40	1.22	0.84	0.95	0.82	0.86	0.94	1.14	1.18	1.24	1.18
1957	1.36	1.28	1.25	1.20	0.81	0.72	0.74	0.72	0.78	1.08	1.33	1.81	1.09
1958	1.80	1.54	1.75	1.73	1.07	0.92	0.72	0.84	0.86	1.37	1.23	1.45	1.27
1959	1.79	1.40	1.47	1.14	0.73	0.77	0.78	0.80	0.69	1.24	1.43	1.53	1.15
1960	1.40	1.86	1.69	1.22	0.86	0.97	0.82	0.72	1.01	1.12	1.05	1.42	1.17
1961	1.47	1.35	1.38	1.31	1.20	0.93	0.68	0.63	1.24	1.50	1.30	1.42	1.20
1962	1.46	1.55	2.11	1.31	0.80	0.72	0.80	0.96	1.00	1.12	1.90	1.72	1.29
1963	1.54	1.47	1.46	1.13	1.12	0.73	0.82	0.74	1.21	1.11	1.73	1.45	1.21
1964	2.02	1.73	1.70	1.07	0.98	0.82	0.93	0.82	1.09	1.05	1.27	1.64	1.26
1965	1.81	1.52	1.22	1.09	0.69	0.87	0.80	0.82	0.81	1.19	1.24	1.14	1.10
1966	1.99	1.28	1.25	0.87	1.03	0.90	0.83	0.75	1.15	1.00	1.60	1.70	1.20
1967	1.39	1.68	1.64	1.61	1.33	0.76	0.92	0.81	1.16	1.18	1.30	1.92	1.31
1968	1.82	1.52	1.56	1.36	1.04	0.88	0.51	0.60	0.77	1.04	1.55	1.78	1.20
1969	1.57	2.37	1.76	1.22	1.20	0.82	0.86	0.90	0.94	1.15	1.65	1.98	1.36
1970	1.53	1.81	1.31	1.28	1.04	0.94	0.81	0.89	0.78	1.19	1.41	1.86	1.23
1971	1.49	1.64	1.59	1.36	1.16	0.77	0.83	0.81	0.76	1.08	1.39	1.50	1.20
1972	1.38	1.51	1.50	1.15	1.39	1.19	0.76	0.74	1.07	1.19	1.43	1.48	1.23
1973	1.56	1.75	1.56	1.38	1.10	0.90	0.94	0.84	0.84	1.10	1.37	1.85	1.26
1974	1.15	1.59	1.45	1.43	1.04	0.94	0.67	0.79	0.95	1.06	1.72	1.74	1.21
1975	1.71	1.37	1.89	1.51	0.82	0.97	1.20	0.63	0.98	1.15	1.51	2.08	1.32
MEAN	1.62	1.57	1.55	1.28	1.01	0.87	0.81	0.78	0.95	1.15	1.43	1.64	

STATION: 90

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	5813 5	38 918	37 810	371118	21 736	17 716	22 718	29 8 5	31 9 8	31 8 3	34 917	401218	5813 5
1957	36 9 1	3610 6	3710 6	401218	20 636	21 717	16 619	13 5 3	19 719	28 8 7	31 818	5212 4	5212 4
1958	38 911	391018	4611 9	5311 4	331015	16 619	14 620	21 718	34 835	28 8 5	28 717	41 9 4	5311 4
1959	441218	29 719	39 9 1	27 817	15 520	15 818	24 716	21 6 2	22 7 2	441115	381017	4510 3	4510 3
1960	32 836	461118	6312 3	34 8 2	18 714	28 8 5	25 718	171019	301017	3811 5	28 719	5711 2	6312 3
1961	5012 8	5612 9	35 9 1	39 9 1	441217	24 719	13 621	13 421	431217	6113 4	39 9 2	33 9 1	6113 4
1962	36 918	4510 3	7614 6	441018	19 718	15 720	16 619	32 9 3	43 9 5	33 9 9	6412 3	4812 8	7614 6
1963	40 9 0	38 936	34 9 1	29 936	28 917	17 6 4	18 619	29 818	31 9 6	4210 1	521116	35 9 0	521116
1964	5311 3	4510 3	451318	27 819	17 721	17 620	23 7 0	24 817	331117	24 836	361017	6512 1	6512 1
1965	4710 5	471217	27 8 3	28 8 0	13 618	241017	19 719	15 718	17 536	27 715	28 920	4110 0	471217
1966	5010 2	33 818	361217	25 8 3	20 917	20 818	16 718	18 619	26 915	281019	511317	3810 3	511317
1967	35 912	4310 4	401218	7013 3	4410 7	20 711	16 719	17 619	28 8 7	35 818	33 9 1	6010 1	7013 3
1968	521217	5712 6	441118	30 919	26 916	18 917	9 519	13 6 1	21 7 3	26 936	4210 1	4210 1	5712 6
1969	32 9 1	6513 5	4211 9	301018	321018	15 717	17 813	19 918	231015	32 9 0	371217	481217	6513 5
1970	4110 3	631418	34 8 2	361018	251018	17 619	19 719	311018	24 719	39 9 0	371117	471116	631418
1971	38 9 1	461218	5011 5	431117	23 720	17 816	17 619	22 718	15 716	29 718	401012	31 8 1	5011 5
1972	27 836	3610 8	27 816	31 9 1	4210 4	331017	17 818	17 719	30 913	26 8 3	29 817	30 912	4210 4
1973	31 8 0	4311 3	43 9 2	341017	26 716	20 714	19 719	17 818	22 720	30 9 9	331019	511218	511218
1974	28 8 1	40 9 1	32 910	32 818	27 736	22 715	15 720	19 7 4	28 918	31 9 0	5813 7	501111	5813 7
1975	4910 2	42 919	591317	5212 8	42 9 1	37 9 9	481315	22 8 4	24 720	4210 2	43 9 5	471118	591317
MAX	5813 5	6513 5	7614 6	7013 3	4410 7	37 9 9	481315	32 9 3	43 9 5	6113 4	6412 3	6512 1	

MAX Hmo(m): 7.6 MAX Tp(sec): 14. MAX Dp(deg): 61. DATE(gmt): 62030715

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 35. DATE(gmt): 62030712

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.75 N, LONG: 69.75 W, DEPTH: 91 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 91

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	143	143	189	253	384	238	438	589	450	315	237	163	3542
0.50 - 0.99	1113	1189	1168	1722	2379	3060	3287	3234	2583	2035	1274	1175	24219
1.00 - 1.49	1258	1012	1277	1315	1400	1149	1006	882	1029	1333	1220	1094	13975
1.50 - 1.99	880	855	966	739	533	266	192	179	404	647	924	864	7449
2.00 - 2.49	531	561	537	393	171	60	21	43	178	302	564	594	3955
2.50 - 2.99	396	303	338	179	41	17	3	17	89	164	278	417	2242
3.00 - 3.49	276	172	220	97	20	9	4	14	46	81	135	282	1356
3.50 - 3.99	147	99	107	46	15	1	1	2	16	31	68	162	695
4.00 - 4.49	84	75	79	19	10	.	7	.	2	20	41	90	427
4.50 - 4.99	66	47	36	6	6	.	1	.	3	7	21	50	243
5.00 - 5.49	32	24	13	8	1	.	.	.	.	10	11	37	136
5.50 - 5.99	16	16	11	7	.	.	.	.	.	7	5	16	78
6.00 - 6.49	7	12	4	6	.	.	.	.	.	2	7	8	46
6.50 - 6.99	7	5	4	4	.	.	.	.	.	2	8	5	35
7.00 - 7.49	3	3	.	1	.	.	.	.	.	4	2	1	14
7.50 - 7.99	1	4	1	2	.	.	.	.	.	.	5	.	13
8.00 - 8.49	.	.	3	1	.	.	.	.	.	.	.	2	6
8.50 - 8.99	.	.	1	2	.	.	.	.	.	.	.	.	3
9.00 - 9.49	.	.	5	.	.	.	.	.	.	.	.	.	5
9.50 - 9.99	.	.	1	.	.	.	.	.	.	.	.	.	1
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 91

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	171	211	207	263	303	291	385	567	336	306	237	158	3435
4.0 - 4.9	655	624	695	782	802	957	854	965	930	906	657	575	9402
5.0 - 5.9	571	512	525	438	478	536	477	557	539	628	579	517	6357
6.0 - 6.9	527	502	583	442	666	867	749	856	612	536	572	534	7446
7.0 - 7.9	736	708	804	688	972	1183	1206	1069	818	817	683	719	10403
8.0 - 8.9	813	510	725	663	870	634	929	532	797	767	606	770	8616
9.0 - 9.9	532	464	536	675	538	239	301	268	382	515	531	545	5526
10.0 - 10.9	429	339	407	454	240	68	48	91	210	266	443	521	3516
11.0 - 11.9	348	367	238	288	48	25	7	49	157	132	293	381	2333
12.0 - 12.9	129	191	146	68	20	.	4	5	19	61	108	192	943
13.0 - 13.9	46	68	64	31	12	.	.	1	.	16	61	36	335
14.0 - 14.9	2	21	21	6	10	.	.	.	.	2	24	11	97
15.0 - 15.9	1	2	8	2	1	.	.	.	.	7	6	1	28
16.0 - 16.9	.	1	1	.	.	.	.	.	.	1	.	.	3
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 91

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	774	453	567	351	146	65	43	143	191	294	392	664	4083
11.25 - 33.74 (22.5)	222	207	189	165	96	49	27	79	175	187	237	234	1867
33.75 - 56.24 (45.0)	154	227	182	118	131	58	18	111	146	245	196	173	1759
56.25 - 78.74 (67.5)	200	188	318	254	206	43	30	80	217	251	292	208	2287
78.75 - 101.24 (90.0)	319	352	356	330	339	147	138	178	540	458	390	382	3929
101.25 - 123.74 (112.5)	252	236	295	261	420	298	295	305	743	558	347	424	4434
123.75 - 146.24 (135.0)	298	263	260	352	544	623	624	615	672	475	368	243	5337
146.25 - 168.74 (157.5)	309	344	352	444	602	610	483	528	473	471	377	466	5459
168.75 - 191.24 (180.0)	1010	942	1103	1441	1546	1835	2170	1643	669	829	957	903	15048
191.25 - 213.74 (202.5)	156	113	136	219	217	318	401	316	208	148	208	162	2602
213.75 - 236.24 (225.0)	76	68	71	112	158	228	221	261	149	88	84	88	1604
236.25 - 258.74 (247.5)	76	66	47	83	118	118	160	178	101	129	84	77	1237
258.75 - 281.24 (270.0)	221	216	164	177	139	209	188	205	158	278	178	162	2295
281.25 - 303.74 (292.5)	191	206	195	156	92	83	72	103	133	143	174	137	1685
303.75 - 326.24 (315.0)	168	154	177	107	84	60	47	88	90	120	148	147	1390
326.25 - 348.74 (337.5)	534	485	548	230	122	56	43	127	135	286	368	490	3424
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.75 N, LONG: 69.75 W, DEPTH: 91 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 91 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	811	855	54								1720
1.00 - 1.99	136	1401	1033	1							2571
2.00 - 2.99	.	154	1494	12							1660
3.00 - 3.99	.	.	543	239							782
4.00 - 4.99	.	.	28	232							260
5.00 - 5.99	.	.	.	51	2						53
6.00 - 6.99	.	.	.	15	3						18
7.00 - 7.99	.	.	.	.	6						6
8.00 - 8.99	.	.	.	.	2						2
9.00 - GREATER	.	.	.	.	.						0
TOTAL	947	2410	3152	550	13	0	0	0	0	0	7072

STATION: 91 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	451	419	40	10	1						921
1.00 - 1.99	58	927	426	12	.						1423
2.00 - 2.99	.	79	453	57	.						589
3.00 - 3.99	.	.	95	106	4						205
4.00 - 4.99	.	.	10	111	21						142
5.00 - 5.99	.	.	.	23	47						70
6.00 - 6.99	.	.	.	5	23	2					30
7.00 - 7.99	.	.	.	.	14	5					19
8.00 - 8.99	.	.	.	.	1	3					4
9.00 - GREATER	.	.	.	.	1	3					4
TOTAL	509	1425	1024	324	112	13	0	0	0	0	3407

STATION: 91 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	478	445	851	1118	750	173	22				3837
1.00 - 1.99	85	854	668	519	445	65	9				2645
2.00 - 2.99	.	86	437	109	48	9	.				689
3.00 - 3.99	.	.	132	129	10	1	.				272
4.00 - 4.99	.	.	11	79	33	.	.				123
5.00 - 5.99	.	.	.	22	20	.	.				42
6.00 - 6.99	.	.	.	2	23	2	.				27
7.00 - 7.99	.	.	.	.	1	1	.				2
8.00 - 8.99	.	.	.	.	2	1	.				3
9.00 - GREATER	.	.	.	.	.	2	.				2
TOTAL	563	1385	2099	1978	1332	254	31	0	0	0	7642

STATION: 91 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	624	915	3014	1260	249	22	.	.	.	.	6084
1.00 - 1.99	110	1112	825	587	193	12	.	.	.	.	2839
2.00 - 2.99	.	126	440	200	65	2	.	.	.	.	833
3.00 - 3.99	.	.	98	147	29	5	.	.	.	.	279
4.00 - 4.99	.	.	7	35	25	2	.	.	.	.	69
5.00 - 5.99	.	.	.	10	11	.	.	.	.	.	21
6.00 - 6.99	.	.	.	2	3	.	.	.	.	.	5
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	734	2153	4384	2241	575	43	0	0	0	0	10130

STATION: 91 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1528	2918	4071	1034	180	6	.	.	.	.	9737
1.00 - 1.99	284	2019	2777	1956	540	24	.	.	.	.	7600
2.00 - 2.99	.	125	569	705	370	41	.	.	.	.	1810
3.00 - 3.99	.	.	106	150	125	33	.	.	.	.	414
4.00 - 4.99	.	.	6	39	17	11	.	.	.	.	73
5.00 - 5.99	.	.	.	4	10	7	.	.	.	.	21
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1812	5062	7529	3888	1243	122	0	0	0	0	19656

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.75 N, LONG: 69.75 W, DEPTH: 91 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 91 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1801	44	25	1	.	.	.	.	.	.	1871
1.00 - 1.99	1095	131	10	1	1	.	.	.	.	.	1238
2.00 - 2.99	.	18	2	3	.	.	.	.	.	.	23
3.00 - 3.99	.	.	1	1	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2896	193	38	6	1	0	0	0	0	0	3134

STATION: 91 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2416	10	.	.	.	.	.	.	.	.	2426
1.00 - 1.99	1077	256	5	.	.	.	.	.	.	.	1338
2.00 - 2.99	.	94	3	.	.	.	.	.	.	.	97
3.00 - 3.99	.	.	.	1	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3493	360	8	1	0	0	0	0	0	0	3862

STATION: 91 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1047	113	5	.	.	.	.	.	.	.	1165
1.00 - 1.99	836	529	405	.	.	.	.	.	.	.	1770
2.00 - 2.99	.	163	329	4	.	.	.	.	.	.	496
3.00 - 3.99	.	10	46	40	.	.	.	.	.	.	96
4.00 - 4.99	.	.	.	3	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	7	.	.	.	.	.	.	7
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1883	815	785	54	0	0	0	0	0	0	3537

STATION: 91 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	9156	5719	8060	3423	1180	201	22	.	.	.	27761
1.00 - 1.99	3681	7229	6149	3076	1179	101	9	.	.	.	21424
2.00 - 2.99	.	845	3727	1090	483	52	.	.	.	.	6197
3.00 - 3.99	.	10	1021	813	168	39	.	.	.	.	2051
4.00 - 4.99	.	.	62	499	96	13	.	.	.	.	670
5.00 - 5.99	.	.	.	117	90	7	.	.	.	.	214
6.00 - 6.99	.	.	.	24	53	4	.	.	.	.	81
7.00 - 7.99	.	.	.	.	21	6	.	.	.	.	27
8.00 - 8.99	.	.	.	.	5	4	.	.	.	.	9
9.00 - GREATER	.	.	.	.	1	5	.	.	.	.	6
TOTAL	12837	13803	19019	9042	3276	432	31	0	0	0	58440

STATION: 91

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	81	87	101	166	214	172	192	212	222	142	146	93	1828
2.50 - 4.99	932	949	1027	1490	2170	2451	2849	2897	2269	1774	1107	1038	20953
5.00 - 7.49	1057	886	1092	1276	1561	1541	1418	1388	1308	1358	1184	1055	15124
7.50 - 9.99	1213	1219	1389	1267	892	606	477	424	843	1086	1267	1128	11811
10.00 - 12.49	769	648	727	372	95	27	17	34	130	407	590	650	4466
12.50 - 14.99	597	543	484	173	27	3	7	5	27	158	391	700	3115
15.00 - 17.49	134	98	79	28	1	.	.	.	1	22	66	177	606
17.50 - 19.99	132	88	45	21	.	.	.	.	.	13	40	103	442
20.00 - GREATER	45	2	16	7	.	.	.	.	.	.	9	16	95
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 41.75 N, LONG: 69.75 W, DEPTH: 91 M

STATION: 91

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION	WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	658	562	605	551	409	276	200	379	561	537	611	669	6018
22.50 - 67.49	(45.0)	303	426	380	276	301	197	143	210	466	481	383	350	3916
67.50 - 112.49	(90.0)	281	282	363	239	233	161	92	135	342	315	280	345	3068
112.50 - 157.49	(135.0)	267	356	435	390	419	353	247	266	314	422	384	396	4249
157.50 - 202.49	(180.0)	394	322	409	549	743	814	827	666	585	534	594	426	6863
202.50 - 247.49	(225.0)	528	411	427	720	1119	1470	1690	1459	857	702	658	575	10616
247.50 - 292.49	(270.0)	1063	936	964	1117	1027	1045	1303	1166	935	1054	908	928	12446
292.50 - 337.49	(315.0)	1466	1225	1377	958	709	484	458	679	740	915	982	1271	11264
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 91

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.55	1.29	1.42	1.20	0.83	0.93	0.80	0.86	0.96	1.15	1.22	1.31	1.21
1957	1.42	1.30	1.34	1.18	0.80	0.70	0.71	0.70	0.77	1.12	1.36	1.82	1.10
1958	1.95	1.62	1.90	1.80	1.07	0.93	0.69	0.83	0.87	1.41	1.26	1.51	1.32
1959	1.90	1.42	1.51	1.14	0.71	0.76	0.76	0.79	0.69	1.28	1.46	1.57	1.17
1960	1.49	1.92	1.81	1.18	0.87	0.96	0.80	0.68	1.01	1.17	1.09	1.52	1.21
1961	1.59	1.39	1.43	1.30	1.19	0.90	0.66	0.61	1.22	1.63	1.43	1.50	1.24
1962	1.45	1.63	2.34	1.27	0.84	0.71	0.78	0.96	1.04	1.17	1.97	1.80	1.33
1963	1.59	1.51	1.49	1.18	1.11	0.72	0.80	0.74	1.27	1.19	1.83	1.56	1.25
1964	2.11	1.84	1.73	1.07	0.97	0.82	0.90	0.81	1.08	1.06	1.30	1.74	1.29
1965	1.94	1.60	1.27	1.10	0.69	0.85	0.77	0.81	0.83	1.20	1.31	1.21	1.13
1966	2.18	1.30	1.25	0.86	1.01	0.87	0.81	0.73	1.10	1.03	1.63	1.77	1.21
1967	1.47	1.76	1.68	1.74	1.37	0.77	0.89	0.79	1.19	1.17	1.36	2.06	1.35
1968	1.92	1.64	1.62	1.38	1.02	0.88	0.54	0.62	0.79	1.10	1.64	1.86	1.25
1969	1.64	2.67	1.87	1.22	1.20	0.82	0.88	0.87	0.96	1.19	1.73	2.15	1.43
1970	1.61	1.77	1.34	1.29	1.06	0.92	0.80	0.87	0.79	1.22	1.47	2.03	1.26
1971	1.52	1.61	1.62	1.39	1.16	0.75	0.80	0.82	0.80	1.09	1.45	1.58	1.21
1972	1.40	1.60	1.55	1.17	1.38	1.20	0.74	0.74	1.11	1.21	1.48	1.56	1.26
1973	1.63	1.86	1.60	1.40	1.10	0.90	0.94	0.83	0.87	1.13	1.38	1.91	1.29
1974	1.19	1.66	1.50	1.40	1.05	0.93	0.67	0.79	0.97	1.12	1.85	1.86	1.25
1975	1.81	1.40	1.96	1.59	0.84	0.99	1.17	0.66	1.03	1.19	1.54	2.21	1.37
MEAN	1.72	1.64	1.61	1.29	1.01	0.87	0.80	0.78	0.97	1.19	1.49	1.73	

STATION: 91

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	7813 7	46 918	43 810	36 8 9	22 635	17 614	24 718	33 9 7	34 9 9	33 8 3	41 917	411218	7813 7
1957	42 935	37 9 5	4410 8	39 917	20 6 1	23 717	16 519	11 423	18 734	29 8 2	32 918	5911 4	5911 4
1958	47 910	451036	611110	6711 3	341014	181012	13 428	22 718	37 835	30 9 9	31 833	44 9 2	6711 3
1959	561034	32 934	48 913	29 817	14 518	14 818	25 716	19 6 3	24 7 2	521113	481017	52 9 2	561034
1960	37 819	521017	7912 3	37 8 3	19 814	29 8 5	24 717	161018	32 814	4310 6	32 818	651036	7912 3
1961	6312 8	6612 9	38 9 3	44 9 2	391217	24 718	12 519	12 618	391116	7312 5	43 9 2	37 936	7312 5
1962	39 918	51 9 2	9513 7	44 917	19 717	14 719	16 619	35 8 1	49 9 7	381010	7911 0	5412 8	9513 7
1963	47 935	46 935	40 918	35 935	31 815	17 6 4	17 818	29 717	35 9 7	51 935	681115	42 936	681115
1964	6511 7	52 936	4310 5	29 720	181212	20 719	23 7 1	26 817	301117	29 835	39 915	8212 1	8212 1
1965	5810 7	611113	30 8 4	30 836	14 618	221017	17 620	14 530	17 636	31 935	30 833	471036	611113
1966	5710 7	35 817	331117	27 9 6	21 917	20 818	15 818	17 619	26 914	28 8 1	481215	4610 4	5710 7
1967	44 912	51 9 3	44 9 1	8913 5	5310 6	22 7 9	16 619	16 619	29 8 7	36 918	38 9 0	6610 1	8913 5
1968	511035	7111 5	45 912	29 815	26 813	19 7 9	9 420	14 519	21 6 2	32 935	5110 8	51 935	7111 5
1969	36 9 1	7912 5	5210 7	291018	321018	16 618	18 811	18 918	241014	37 936	4310 5	621114	7912 5
1970	48 9 2	571217	37 8 3	40 816	241018	17 619	20 719	32 916	24 719	45 9 0	381117	5610 1	571217
1971	45 9 1	451117	5610 7	41 814	24 819	17 816	17 518	21 7 3	15 6 1	32 817	45 910	35 8 1	5610 7
1972	31 835	4310 9	31 815	36 9 1	4410 5	36 912	16 818	20 719	37 911	29 912	33 816	35 910	4410 5
1973	36 936	5211 5	4710 2	40 910	28 716	20 714	18 719	17 818	24 720	34 9 9	34 918	561117	561117
1974	31 8 1	45 9 4	37 911	37 919	28 736	22 715	15 735	18 8 9	32 918	38 9 0	7512 7	621110	7512 7
1975	5710 2	47 919	561016	6410 6	47 9 2	34 8 8	4910 7	22 8 4	251113	50 9 1	5210 3	6511 8	6511 8
MAX	7813 7	7912 5	9513 7	8913 5	5310 6	36 912	4910 7	35 8 1	49 9 7	7312 5	7911 0	8212 1	

MAX Hmo(m): 9.5 MAX Tp(sec): 13. MAX Dp(deg): 68. DATE(gmt): 62030712

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 325. DATE(gmt): 64120112

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.00 N, LONG: 69.75 W, DEPTH: 137 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 92

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	136	143	191	274	383	220	419	571	406	293	232	170	3438
0.50 - 0.99	1113	1201	1164	1719	2367	3047	3322	3271	2598	2027	1302	1167	24298
1.00 - 1.49	1193	919	1201	1237	1408	1192	1010	872	1062	1305	1143	1018	13560
1.50 - 1.99	797	793	873	730	520	247	172	167	422	622	883	820	7046
2.00 - 2.49	529	574	552	426	183	69	23	45	164	337	540	556	3998
2.50 - 2.99	368	340	384	202	50	15	2	16	80	175	290	414	2336
3.00 - 3.49	299	194	242	104	14	8	4	16	38	90	178	295	1482
3.50 - 3.99	214	117	146	46	17	2	7	2	17	43	97	200	908
4.00 - 4.49	116	94	104	26	5	.	1	.	10	32	63	161	612
4.50 - 4.99	81	60	45	7	11	.	.	.	3	10	27	70	314
5.00 - 5.49	49	42	31	5	1	.	.	.	.	8	17	39	192
5.50 - 5.99	25	20	7	6	1	.	.	.	.	9	5	21	94
6.00 - 6.49	19	9	2	9	.	.	.	.	.	3	8	14	64
6.50 - 6.99	11	4	4	2	.	.	.	.	.	3	7	11	42
7.00 - 7.49	6	8	2	3	.	.	.	.	.	3	7	2	31
7.50 - 7.99	3	2	5	1	.	.	.	.	.	.	1	2	14
8.00 - 8.49	1	.	1	2	.	.	.	.	.	.	.	.	4
8.50 - 8.99	.	.	4	1	.	.	.	.	.	.	.	.	5
9.00 - 9.49	.	.	2	.	.	.	.	.	.	.	.	.	2
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 92

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	201	208	221	270	285	288	421	605	325	303	251	155	3533
4.0 - 4.9	539	496	549	690	814	980	861	1016	896	847	565	508	8761
5.0 - 5.9	615	539	621	515	520	539	473	517	613	664	601	548	6765
6.0 - 6.9	622	678	711	491	657	795	657	782	570	627	678	653	7921
7.0 - 7.9	843	754	895	704	880	1177	1188	1064	833	861	735	832	10766
8.0 - 8.9	723	523	648	651	938	670	974	562	815	726	587	720	8537
9.0 - 9.9	538	402	488	658	556	258	330	274	384	480	512	482	5362
10.0 - 10.9	408	314	370	445	238	72	43	87	208	260	447	485	3377
11.0 - 11.9	313	354	250	280	47	21	6	45	143	118	252	389	2218
12.0 - 12.9	113	172	127	67	10	.	4	8	13	46	100	153	813
13.0 - 13.9	41	55	58	23	9	.	2	.	.	21	48	29	286
14.0 - 14.9	4	23	14	5	6	.	1	.	.	.	19	6	78
15.0 - 15.9	.	1	7	1	.	.	.	.	.	6	5	.	20
16.0 - 16.9	.	1	1	.	.	.	.	.	.	1	.	.	3
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 92

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	444	281	336	261	114	64	32	107	165	212	276	405	2697
11.25 - 33.74 (22.5)	185	170	157	133	74	37	21	69	159	170	183	203	1561
33.75 - 56.24 (45.0)	131	184	178	97	132	47	16	100	116	201	193	167	1562
56.25 - 78.74 (67.5)	196	204	313	245	186	55	19	79	187	238	289	203	2214
78.75 - 101.24 (90.0)	299	343	333	315	329	153	129	195	527	414	334	347	3718
101.25 - 123.74 (112.5)	257	253	302	282	419	292	282	281	734	515	377	413	4407
123.75 - 146.24 (135.0)	339	303	295	428	665	727	763	708	759	559	395	306	6247
146.25 - 168.74 (157.5)	365	355	379	486	632	652	532	545	493	498	410	523	5870
168.75 - 191.24 (180.0)	902	853	1015	1361	1429	1646	2003	1489	606	788	936	803	13831
191.25 - 213.74 (202.5)	109	70	82	120	172	289	347	287	185	133	142	99	2035
213.75 - 236.24 (225.0)	90	66	71	118	165	251	237	283	166	110	93	100	1750
236.25 - 258.74 (247.5)	91	85	46	102	125	117	165	175	94	143	91	86	1320
258.75 - 281.24 (270.0)	204	172	142	151	142	219	197	236	167	249	164	129	2172
281.25 - 303.74 (292.5)	159	158	169	115	102	79	83	107	110	146	141	113	1482
303.75 - 326.24 (315.0)	561	564	565	309	155	113	79	132	163	327	452	525	3945
326.25 - 348.74 (337.5)	628	459	577	277	119	59	55	167	169	257	324	538	3629
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.00 N, LONG: 69.75 W, DEPTH: 137 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 92 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	902	611	6	.	.	.	.	.	.	.	1519
1.00 - 1.99	79	1373	330	.	.	.	.	.	.	.	1782
2.00 - 2.99	.	132	878	.	.	.	.	.	.	.	1010
3.00 - 3.99	.	.	612	3	.	.	.	.	.	.	615
4.00 - 4.99	.	.	88	167	.	.	.	.	.	.	255
5.00 - 5.99	.	.	.	63	.	.	.	.	.	.	63
6.00 - 6.99	.	.	.	17	.	.	.	.	.	.	17
7.00 - 7.99	.	.	.	.	6	.	.	.	.	.	6
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	981	2116	1914	250	6	0	0	0	0	0	5267

STATION: 92 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	449	398	25	17	11	.	.	.	.	.	900
1.00 - 1.99	65	826	343	8	1	.	.	.	.	.	1243
2.00 - 2.99	.	70	393	33	2	.	.	.	.	.	498
3.00 - 3.99	.	.	98	72	1	.	.	.	.	.	171
4.00 - 4.99	.	.	8	106	18	.	.	.	.	.	132
5.00 - 5.99	.	.	.	21	40	.	.	.	.	.	61
6.00 - 6.99	.	.	.	5	25	.	.	.	.	.	30
7.00 - 7.99	.	.	.	.	21	1	.	.	.	.	22
8.00 - 8.99	.	.	.	.	6	1	.	.	.	.	7
9.00 - GREATER	.	.	.	.	2	.	.	.	.	.	2
TOTAL	514	1294	867	262	127	2	0	0	0	0	3066

STATION: 92 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	450	454	826	906	593	122	17	.	.	.	3368
1.00 - 1.99	77	906	768	443	242	40	5	.	.	.	2481
2.00 - 2.99	.	92	450	104	18	3	.	.	.	.	667
3.00 - 3.99	.	.	134	150	9	1	.	.	.	.	294
4.00 - 4.99	.	.	19	92	28	.	.	.	.	.	139
5.00 - 5.99	.	.	.	29	34	2	.	.	.	.	65
6.00 - 6.99	.	.	.	3	23	2	.	.	.	.	28
7.00 - 7.99	.	.	.	.	9	5	.	.	.	.	14
8.00 - 8.99	.	.	.	.	1	1	.	.	.	.	2
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	527	1452	2197	1727	957	176	22	0	0	0	7058

STATION: 92 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	616	908	3367	1587	347	33	1	.	.	.	6859
1.00 - 1.99	122	1164	971	717	267	24	.	.	.	.	3265
2.00 - 2.99	.	122	498	212	56	5	.	.	.	.	893
3.00 - 3.99	.	.	101	165	31	7	.	.	.	.	304
4.00 - 4.99	.	.	7	43	33	2	.	.	.	.	85
5.00 - 5.99	.	.	.	11	10	.	.	.	.	.	21
6.00 - 6.99	.	.	.	2	8	.	.	.	.	.	10
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	738	2194	4944	2737	752	71	1	0	0	0	11437

STATION: 92 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1588	2432	3871	1061	206	5	.	.	.	.	9163
1.00 - 1.99	314	1893	2383	1741	507	17	.	.	.	.	6855
2.00 - 2.99	.	128	524	612	331	45	.	.	.	.	1640
3.00 - 3.99	.	.	105	143	117	30	.	.	.	.	395
4.00 - 4.99	.	.	8	36	21	11	.	.	.	.	76
5.00 - 5.99	.	.	.	7	6	6	.	.	.	.	19
6.00 - 6.99	.	.	.	.	1	1	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1902	4453	6891	3600	1189	115	0	0	0	0	18150

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.00 N LONG: 69.75 W DEPTH: 137 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 92 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1938	7	1	.	.	.	.	.	.	.	1946
1.00 - 1.99	1147	210	2	.	.	.	.	.	.	.	1359
2.00 - 2.99	.	24	1	.	.	.	.	.	.	.	25
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3085	241	4	0	0	0	0	0	0	0	3330

STATION: 92 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2404	9	.	.	.	.	.	.	.	.	2413
1.00 - 1.99	843	100	13	.	.	.	.	.	.	.	956
2.00 - 2.99	.	74	15	1	.	.	.	.	.	.	90
3.00 - 3.99	.	.	2	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	1	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3247	183	30	2	0	0	0	0	0	0	3462

STATION: 92 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1095	473	.	.	.	.	.	.	.	.	1568
1.00 - 1.99	205	1877	583	.	.	.	.	.	.	.	2665
2.00 - 2.99	.	397	1112	2	.	.	.	.	.	.	1511
3.00 - 3.99	.	6	589	14	.	.	.	.	.	.	609
4.00 - 4.99	.	.	171	67	.	.	.	.	.	.	238
5.00 - 5.99	.	.	1	56	.	.	.	.	.	.	57
6.00 - 6.99	.	.	.	19	.	.	.	.	.	.	19
7.00 - 7.99	.	.	.	3	.	.	.	.	.	.	3
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1300	2753	2456	161	0	0	0	0	0	0	6670

STATION: 92 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	9442	5292	8096	3571	1157	160	18	.	.	.	27736
1.00 - 1.99	2852	8349	5393	2909	1017	81	5	.	.	.	20606
2.00 - 2.99	.	1039	3871	964	407	53	.	.	.	.	6334
3.00 - 3.99	.	6	1641	547	158	38	.	.	.	.	2390
4.00 - 4.99	.	.	301	512	100	13	.	.	.	.	926
5.00 - 5.99	.	.	1	187	90	8	.	.	.	.	286
6.00 - 6.99	.	.	.	46	57	3	.	.	.	.	106
7.00 - 7.99	.	.	.	3	36	6	.	.	.	.	45
8.00 - 8.99	.	.	.	.	7	2	.	.	.	.	9
9.00 - GREATER	.	.	.	.	2	.	.	.	.	.	2
TOTAL	12294	14686	19303	8739	3031	364	23	0	0	0	58440

STATION: 92

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	69	83	100	134	188	152	149	175	179	122	123	83	1557
2.50 - 4.99	949	947	1024	1503	2158	2412	2868	2886	2283	1762	1125	1028	20945
5.00 - 7.49	1063	912	1085	1351	1616	1592	1468	1433	1356	1381	1172	1060	15489
7.50 - 9.99	1201	1220	1412	1235	884	615	453	427	841	1115	1273	1118	11794
10.00 - 12.49	750	633	725	354	78	28	20	35	114	381	604	665	4387
12.50 - 14.99	622	527	468	170	35	1	2	4	26	162	384	700	3101
15.00 - 17.49	126	115	79	27	1	.	.	.	1	25	72	181	627
17.50 - 19.99	136	78	53	21	.	.	.	.	.	12	38	109	447
20.00 - GREATER	44	5	14	5	.	.	.	.	.	.	9	16	93
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.00 N, LONG: 69.75 W, DEPTH: 137 M

STATION: 92

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	657	571	602	550	383	253	199	352	544	531	603	645	5890
22.50 - 67.49 (45.0)	317	421	394	286	306	206	132	224	442	457	371	368	3924
67.50 - 112.49 (90.0)	275	302	376	255	250	165	93	149	364	319	305	380	3233
112.50 - 157.49 (135.0)	259	354	420	392	411	360	238	252	303	381	384	372	4126
157.50 - 202.49 (180.0)	384	300	406	530	707	742	781	601	555	520	598	413	6537
202.50 - 247.49 (225.0)	544	422	427	709	1122	1497	1711	1478	881	766	639	582	10778
247.50 - 292.49 (270.0)	1080	954	980	1152	1095	1082	1347	1228	986	1102	949	935	12890
292.50 - 337.49 (315.0)	1444	1196	1355	926	686	495	459	676	725	884	951	1265	11062
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 92

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.62	1.36	1.46	1.19	0.83	0.93	0.80	0.87	0.94	1.14	1.27	1.36	1.23
1957	1.51	1.33	1.41	1.21	0.80	0.71	0.70	0.69	0.79	1.17	1.39	1.86	1.13
1958	2.05	1.81	1.99	1.82	1.08	0.94	0.68	0.83	0.89	1.45	1.34	1.56	1.37
1959	2.10	1.52	1.57	1.12	0.71	0.76	0.76	0.78	0.70	1.32	1.50	1.60	1.20
1960	1.63	1.98	1.96	1.16	0.88	0.96	0.80	0.67	1.00	1.21	1.14	1.60	1.25
1961	1.75	1.39	1.50	1.32	1.19	0.88	0.66	0.61	1.20	1.68	1.58	1.67	1.28
1962	1.47	1.65	2.43	1.28	0.87	0.71	0.78	0.97	1.05	1.23	1.97	1.85	1.35
1963	1.64	1.58	1.54	1.27	1.11	0.73	0.81	0.75	1.27	1.25	1.90	1.76	1.30
1964	2.22	2.01	1.79	1.07	0.97	0.85	0.89	0.82	1.08	1.09	1.35	1.80	1.33
1965	2.05	1.70	1.35	1.10	0.69	0.85	0.75	0.82	0.84	1.26	1.38	1.29	1.17
1966	2.36	1.39	1.29	0.84	1.01	0.85	0.81	0.72	1.10	1.08	1.61	1.83	1.24
1967	1.57	1.84	1.68	1.76	1.37	0.78	0.86	0.76	1.17	1.18	1.45	2.17	1.38
1968	2.06	1.76	1.73	1.40	1.01	0.91	0.57	0.65	0.79	1.18	1.73	2.01	1.32
1969	1.72	2.71	1.98	1.22	1.20	0.83	0.90	0.87	0.96	1.21	1.76	2.28	1.46
1970	1.76	1.80	1.39	1.29	1.07	0.93	0.80	0.87	0.81	1.24	1.49	2.17	1.30
1971	1.60	1.65	1.69	1.40	1.15	0.77	0.79	0.83	0.82	1.07	1.49	1.66	1.24
1972	1.44	1.71	1.62	1.19	1.39	1.21	0.73	0.75	1.15	1.22	1.49	1.62	1.29
1973	1.77	1.89	1.60	1.43	1.10	0.90	0.94	0.82	0.89	1.17	1.47	1.97	1.33
1974	1.23	1.70	1.59	1.43	1.08	0.93	0.68	0.78	0.97	1.16	1.90	1.93	1.28
1975	1.85	1.44	2.03	1.63	0.85	1.00	1.13	0.68	1.05	1.23	1.58	2.25	1.39
MEAN	1.82	1.71	1.68	1.31	1.02	0.87	0.79	0.78	0.97	1.23	1.54	1.81	

STATION: 92

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	8414 6	47 918	451011	35 8 9	21 619	16 717	24 718	34 9 8	31 9 9	33 8 3	39 917	53 931	8414 6
1957	49 934	34 9 7	4710 8	40 831	20 6 0	23 717	14 520	12 534	23 732	31 732	32 817	5911 6	5911 6
1958	49 910	55 932	621110	6511 7	35 912	191012	14 631	22 718	37 834	33 9 9	40 832	42 9 5	6511 7
1959	711032	43 831	51 913	28 816	14 518	14 818	24 613	16 917	23 7 3	561113	451017	5010 5	711032
1960	45 934	521017	7812 5	34 8 4	20 714	26 7 5	23 718	151018	31 916	4410 6	39 831	6911 4	7812 5
1961	6712 9	741210	41 831	42 836	391217	23 718	12 519	12 618	411115	7312 5	43 830	42 833	741210
1962	40 818	5010 8	9012 5	42 818	26 730	14 534	15 619	37 8 1	4710 8	38 8 2	7511 2	631035	9012 5
1963	53 934	50 931	40 918	43 832	29 815	18 6 2	19 630	28 818	36 9 8	601033	681116	50 935	681116
1964	6811 8	56 932	50 933	29 720	181213	22 633	23 7 2	26 817	311117	36 834	42 914	791135	791135
1965	571036	651114	30 731	28 734	14 618	211017	17 619	16 530	19 635	40 832	40 831	50 935	651114
1966	621033	38 834	331117	26 7 2	25 725	19 817	15 818	16 618	27 814	34 730	491215	4610 5	621033
1967	481010	48 9 7	44 9 3	8612 4	5611 6	24 7 8	14 818	16 619	26 8 7	36 820	45 9 0	6911 5	8612 4
1968	661032	7311 5	56 931	29 814	25 814	20 711	11 519	16 619	21 716	41 832	5410 8	49 935	7311 5
1969	42 831	7612 6	5410 8	281018	311018	16 618	20 812	17 818	241014	44 935	4310 5	661114	7612 6
1970	47 934	581017	38 8 3	40 918	231018	19 619	22 718	331017	22 818	43 9 0	411016	601113	601113
1971	43 9 0	451117	5311 7	40 814	24 714	17 816	15 618	22 7 4	17 634	30 718	491113	42 833	5311 7
1972	31 833	451010	31 815	35 835	46 9 4	36 810	16 818	20 718	481010	30 912	33 816	40 832	481010
1973	43 935	4910 3	4711 4	40 910	29 717	20 714	17 718	17 612	22 618	37 910	34 918	541018	541018
1974	31 8 1	45 9 0	34 911	34 919	27 7 1	22 816	18 632	17 8 9	34 918	38 835	7411 5	671111	7411 5
1975	5610 2	451018	561016	6411 8	4710 4	28 810	43 9 6	22 8 4	29 734	47 9 2	5410 4	7011 8	7011 8
MAX	8414 6	7612 6	9012 5	8612 4	5611 6	36 810	43 9 6	37 8 1	481010	7312 5	7511 2	791135	

MAX Hmo(m): 9.0 MAX Tp(sec): 12. MAX Dp(deg): 54. DATE(gmt): 62030718

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 330. DATE(gmt): 64120112

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.00 N, LONG: 70.50 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 93

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	618	656	715	1168	1788	2040	2493	2387	1849	1381	855	710	16660
0.50 - 0.99	1585	1496	1783	2087	2463	2315	2140	2195	2133	2057	1810	1551	23615
1.00 - 1.49	1454	1329	1462	1123	625	420	311	332	665	1061	1329	1360	11471
1.50 - 1.99	693	624	548	245	42	14	9	25	96	260	511	782	3849
2.00 - 2.49	294	187	210	85	11	11	6	12	37	115	147	273	1388
2.50 - 2.99	146	87	105	35	10	.	1	6	14	29	61	125	619
3.00 - 3.49	81	48	71	22	10	.	.	3	6	26	37	88	392
3.50 - 3.99	49	36	38	16	4	.	.	.	.	18	24	32	217
4.00 - 4.49	21	27	14	13	6	.	.	.	.	6	10	22	119
4.50 - 4.99	8	24	5	5	1	.	.	.	.	7	9	10	69
5.00 - 5.49	6	3	7	1	.	.	.	.	.	.	7	6	30
5.50 - 5.99	4	2	2	.	.	.	.	.	.	.	.	1	9
6.00 - 6.49	1	1	.	.	.	.	.	.	.	.	.	.	2
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 93

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	945	890	1026	1743	2410	2822	3376	3188	2297	1964	1210	971	22842
4.0 - 4.9	1781	1809	2043	1977	1958	1680	1373	1446	1771	1864	1859	1692	21253
5.0 - 5.9	1251	1016	1015	497	265	125	76	134	331	599	959	1336	7604
6.0 - 6.9	433	350	302	217	112	69	16	47	125	205	290	385	2551
7.0 - 7.9	221	164	221	131	54	35	27	43	87	134	147	233	1497
8.0 - 8.9	129	91	133	62	23	10	14	18	48	68	94	154	844
9.0 - 9.9	57	39	73	54	31	13	13	8	46	25	63	61	483
10.0 - 10.9	44	52	48	29	31	7	10	2	30	44	31	38	366
11.0 - 11.9	36	32	56	27	23	5	2	5	29	33	52	34	334
12.0 - 12.9	34	34	14	23	18	.	.	6	19	16	45	22	231
13.0 - 13.9	22	17	18	24	7	.	.	.	.	.	10	17	115
14.0 - 14.9	5	19	5	8	7	.	.	.	.	.	13	11	68
15.0 - 15.9	2	1	1	.	1	.	.	.	.	2	8	1	16
16.0 - 16.9	.	1	1	.	.	.	.	.	.	2	.	.	4
17.0 - 17.9	.	.	1	.	.	.	.	.	.	.	3	.	4
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	5	3	8	20	34	53	63	17	4	16	5	228
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 93

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	762	586	714	655	426	349	286	486	555	541	576	772	6708
11.25 - 33.74 (22.5)	275	326	267	200	195	145	92	187	246	286	289	274	2782
33.75 - 56.24 (45.0)	366	358	466	332	323	189	125	174	485	435	446	426	4125
56.25 - 78.74 (67.5)	71	102	118	108	210	146	117	101	214	160	117	115	1579
78.75 - 101.24 (90.0)	91	122	143	99	89	67	35	41	139	109	96	147	1178
101.25 - 123.74 (112.5)	118	136	157	106	106	86	46	59	129	134	101	133	1311
123.75 - 146.24 (135.0)	86	137	158	133	152	125	91	93	103	141	138	114	1471
146.25 - 168.74 (157.5)	119	144	173	240	221	160	124	148	156	189	182	192	2048
168.75 - 191.24 (180.0)	218	150	230	319	441	474	469	329	308	313	379	236	3866
191.25 - 213.74 (202.5)	243	160	187	275	461	673	717	543	356	318	349	223	4505
213.75 - 236.24 (225.0)	196	182	171	296	443	623	736	651	398	286	222	245	4449
236.25 - 258.74 (247.5)	251	184	164	311	440	458	608	549	283	335	244	208	4035
258.75 - 281.24 (270.0)	554	487	443	541	527	593	759	684	460	610	468	453	6579
281.25 - 303.74 (292.5)	475	454	510	413	325	292	319	322	338	388	424	404	4664
303.75 - 326.24 (315.0)	588	567	543	423	318	217	251	282	303	400	425	529	4846
326.25 - 348.74 (337.5)	547	425	516	349	283	203	185	311	327	315	344	489	4294
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.00 N, LONG: 70.50 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 93 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5252	805									6057
1.00 - 1.99	243	2082	157	1	.	.	.	.	.	.	2483
2.00 - 2.99	.	235	814	3	.	.	.	.	.	.	1052
3.00 - 3.99	.	.	365	85	1	.	.	.	.	.	451
4.00 - 4.99	.	.	2	89	14	.	.	.	.	.	105
5.00 - 5.99	.	.	.	10	8	.	.	.	.	.	18
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5495	3122	1338	188	23	0	0	0	0	0	10166

STATION: 93 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1952	1158	494	401	470	168	18	4	.	.	4665
1.00 - 1.99	104	669	258	91	11	3	.	.	.	.	1136
2.00 - 2.99	.	98	178	45	13	1	.	.	.	.	335
3.00 - 3.99	.	.	60	71	8	.	.	.	.	.	139
4.00 - 4.99	.	.	.	50	31	2	.	.	.	.	83
5.00 - 5.99	.	.	.	3	9	8	1	.	.	.	21
6.00 - 6.99	.	.	.	.	.	1	1	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2056	1925	990	661	542	183	20	4	0	0	6381

STATION: 93 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1717										1717
1.00 - 1.99	499	138	.	.	.	.	.	.	.	.	637
2.00 - 2.99	.	39	.	.	.	.	.	.	.	.	39
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2216	177	0	0	0	0	0	0	0	0	2393

STATION: 93 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1978	5	.	.	.	.	.	.	.	.	1983
1.00 - 1.99	600	426	.	.	.	.	.	.	.	.	1026
2.00 - 2.99	.	33	.	.	.	.	.	.	.	.	33
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2578	464	0	0	0	0	0	0	0	0	3042

STATION: 93 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5905		.	.	.	.	.	.	.	.	5905
1.00 - 1.99	1057	304	.	.	.	.	.	.	.	.	1361
2.00 - 2.99	.	9	.	.	.	.	.	.	.	.	9
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6962	313	0	0	0	0	0	0	0	0	7275

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.00 N, LONG: 70.50 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 93 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	6545		.	.	.	.	.	.	.	.	6545
1.00 - 1.99	1485	584	.	.	.	.	.	.	.	.	2069
2.00 - 2.99	.	22	.	.	.	.	.	.	.	.	22
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8030	606	0	0	0	0	0	0	0	0	8636

STATION: 93 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	8282		.	.	.	.	.	.	.	228	8510
1.00 - 1.99	1824	703	.	.	.	.	.	.	.	.	2527
2.00 - 2.99	.	94	.	.	.	.	.	.	.	.	94
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	10106	797	0	0	0	0	0	0	0	228	11131

STATION: 93 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4893		.	.	.	.	.	.	.	.	4893
1.00 - 1.99	1759	2322	.	.	.	.	.	.	.	.	4081
2.00 - 2.99	.	423		.	.	.	.	.	.	.	423
3.00 - 3.99	.	6	13	.	.	.	.	.	.	.	19
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6652	2751	13	0	0	0	0	0	0	0	9416

STATION: 93 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	36524	1968	494	401	470	168	18	4	.	228	40275
1.00 - 1.99	7571	7228	415	92	11	3	.	.	.	.	15320
2.00 - 2.99	.	953	992	48	13	1	.	.	.	.	2007
3.00 - 3.99	.	6	438	156	9	.	.	.	.	.	609
4.00 - 4.99	.	.	2	139	45	2	.	.	.	.	188
5.00 - 5.99	.	.	.	13	17	8	1	.	.	.	39
6.00 - 6.99	.	.	.	.	.	1	1	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	44095	10155	2341	849	565	183	20	4	0	228	58440

STATION: 93

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	80	81	106	126	166	174	149	193	184	117	108	81	1565
2.50 - 4.99	1035	1042	1119	1609	2262	2497	2971	2934	2339	1867	1258	1153	22086
5.00 - 7.49	1028	907	1100	1316	1578	1490	1360	1384	1360	1319	1170	977	14989
7.50 - 9.99	1125	1176	1364	1197	839	604	465	403	767	1104	1134	1054	11232
10.00 - 12.49	776	599	678	348	81	34	15	40	117	350	595	680	4313
12.50 - 14.99	605	490	436	160	26	1	.	6	31	167	406	699	3027
15.00 - 17.49	127	126	80	21	7	.	.	.	2	23	76	178	640
17.50 - 19.99	130	92	61	17	1	.	.	.	.	13	41	112	467
20.00 - GREATER	54	7	16	6							12	26	121
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.00 N, LONG: 70.50 W, DEPTH: 18 M

STATION: 93

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	673	564	616	572	402	276	201	383	522	520	590	657	5976
22.50 - 67.49 (45.0)	319	421	403	246	251	188	125	206	407	439	354	372	3731
67.50 - 112.49 (90.0)	251	301	372	256	268	162	85	139	383	313	298	391	3219
112.50 - 157.49 (135.0)	262	349	416	404	393	337	222	246	318	379	352	355	4033
157.50 - 202.49 (180.0)	386	302	421	542	763	781	786	618	550	554	637	432	6772
202.50 - 247.49 (225.0)	570	426	416	715	1111	1462	1674	1434	896	760	657	587	10708
247.50 - 292.49 (270.0)	1075	914	940	1104	1050	1073	1317	1227	953	1101	912	908	12574
292.50 - 337.49 (315.0)	1424	1243	1376	961	722	521	550	707	771	894	1000	1258	11427
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 93

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.79	0.85	1.00	0.67	0.59	0.51	0.50	0.57	0.56	0.73	0.79	0.81	0.78
1957	0.97	0.91	0.90	0.71	0.56	0.43	0.50	0.40	0.51	0.73	0.82	1.11	0.71
1958	1.11	1.11	1.23	1.01	0.56	0.51	0.49	0.49	0.68	0.80	0.91	1.06	0.83
1959	1.15	0.94	1.05	0.63	0.53	0.44	0.49	0.47	0.49	0.72	0.93	1.07	0.74
1960	1.05	1.22	1.21	0.65	0.47	0.58	0.46	0.42	0.54	0.84	0.80	0.96	0.77
1961	1.13	0.85	0.92	0.85	0.66	0.55	0.41	0.43	0.66	1.11	1.01	1.01	0.80
1962	0.95	1.04	1.46	0.72	0.49	0.47	0.46	0.59	0.69	0.78	1.20	1.12	0.83
1963	1.01	1.02	0.97	0.88	0.63	0.52	0.47	0.46	0.80	0.83	1.08	1.07	0.81
1964	1.40	1.26	1.06	0.68	0.67	0.62	0.52	0.55	0.64	0.73	0.88	1.16	0.85
1965	1.33	1.03	0.89	0.71	0.52	0.64	0.47	0.58	0.57	0.82	0.91	0.83	0.77
1966	1.59	0.98	0.79	0.52	0.58	0.54	0.50	0.47	0.67	0.75	0.85	1.23	0.79
1967	0.97	1.22	1.14	1.27	0.93	0.58	0.45	0.47	0.80	0.72	0.98	1.39	0.91
1968	1.34	1.19	1.04	0.90	0.60	0.51	0.46	0.59	0.50	0.81	1.15	1.32	0.87
1969	1.14	1.98	1.27	0.79	0.70	0.50	0.58	0.59	0.57	0.82	1.02	1.46	0.95
1970	1.12	0.94	0.94	0.77	0.64	0.57	0.51	0.56	0.60	0.80	0.88	1.41	0.81
1971	1.13	0.91	1.08	0.89	0.64	0.53	0.56	0.62	0.48	0.64	0.99	1.17	0.80
1972	0.98	1.11	0.99	0.78	0.71	0.60	0.45	0.56	0.79	0.83	1.08	1.03	0.83
1973	1.17	1.36	1.06	0.88	0.62	0.60	0.58	0.47	0.63	0.83	1.01	1.17	0.86
1974	0.90	1.33	1.04	0.92	0.64	0.55	0.50	0.53	0.60	0.86	1.31	1.14	0.85
1975	1.23	0.96	1.35	1.19	0.61	0.68	0.69	0.52	0.66	0.85	1.07	1.52	0.94
MEAN	1.17	1.11	1.07	0.82	0.62	0.55	0.50	0.52	0.62	0.80	0.98	1.15	

STATION: 93

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	6015 4	21 527	4510 1	27 7 6	21 635	11 414	11 422	27 8 2	19 6 1	27 8 2	21 636	27 630	6015 4
1957	28 735	22 7 1	33 836	23 7 0	15 636	14 520	11 420	10 420	14 521	24 7 2	27 8 3	43 9 4	43 9 4
1958	28 735	28 735	4310 4	4710 2	20 6 3	13 5 1	12 429	11 419	30 735	20 7 5	21 632	32 8 1	4710 2
1959	32 732	21 631	33 8 1	17 6 4	11 425	11 5 1	14 512	11 422	24 736	21 613	35 8 2	38 8 1	38 8 1
1960	24 631	34 835	5612 3	28 7 1	11 413	24 7 2	12 515	10 5 3	15 512	3510 4	21 630	5410 1	5612 3
1961	4511 4	46 9 4	28 8 0	31 8 0	15 526	12 420	10 424	10 422	21 6 0	4911 3	34 9 0	32 8 0	4911 3
1962	25 7 1	36 9 4	5411 3	19 636	14 530	11 427	12 428	30 8 1	31 8 1	28 735	5210 0	45 936	5411 3
1963	34 836	38 936	29 735	23 736	17 6 1	15 6 0	12 531	13 429	27 7 0	45 935	27 8 1	32 735	45 935
1964	5011 3	36 836	28 7 3	17 531	12 426	14 534	19 6 0	17 6 1	20 635	20 634	30 8 1	5511 0	5511 0
1965	41 9 4	28 612	27 7 1	26 735	11 425	12 5 5	11 423	12 430	15 535	20 632	21 631	33 836	41 9 4
1966	4410 2	33 8 0	23 7 0	20 7 2	13 531	11 422	11 422	11 424	16 5 6	21 630	20 636	35 8 2	4410 2
1967	25 7 1	38 8 1	35 8 1	5110 1	4510 3	24 8 4	10 422	10 420	24 8 4	25 736	34 835	4810 1	5110 1
1968	4210 3	5211 2	3910 1	18 635	16 5 1	11 414	10 420	11 536	12 5 1	20 633	43 9 1	38 9 0	5211 2
1969	31 8 0	6213 3	4510 3	24 7 1	12 419	11 423	13 5 3	13 521	18 6 1	24 7 1	37 9 3	38 9 1	6213 3
1970	35 836	29 8 0	33 8 1	20 527	18 7 1	11 423	11 425	22 735	12 430	34 8 0	28 7 0	42 936	42 936
1971	34 836	22 6 0	40 9 2	25 735	16 535	10 423	11 419	20 6 0	12 531	20 6 6	25 736	32 8 1	40 9 2
1972	27 735	24 736	20 7 0	29 8 1	34 8 1	16 512	11 419	12 5 2	34 8 1	24 7 1	30 8 1	20 6 5	34 8 1
1973	27 736	38 9 2	36 9 1	19 512	13 5 3	13 536	13 520	11 423	16 523	25 735	19 527	31 9 4	38 9 2
1974	27 7 0	35 835	22 7 0	25 7 1	23 7 0	14 6 3	12 433	13 521	15 528	32 836	5210 3	35 8 1	5210 3
1975	44 9 1	30 8 1	39 9 1	4410 3	35 8 1	23 7 5	27 8 3	17 6 3	20 635	36 8 1	4710 2	5312 4	5312 4
MAX	6015 4	6213 3	5612 3	5110 1	4510 3	24 8 4	27 8 3	30 8 1	34 8 1	4911 3	5210 3	5511 0	

MAX Hmo(m): 6.2 MAX Tp(sec): 13. MAX Dp(deg): 25. DATE(gmt): 69021015

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 335. DATE(gmt): 64120112

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.25 N, LONG: 70.50 W, DEPTH: 27 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 94

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	446	455	516	883	1184	1577	2091	1985	1226	839	591	487	12280
0.50 - 0.99	1455	1372	1555	1975	2609	2468	2296	2455	2347	2229	1508	1406	23675
1.00 - 1.49	1332	1353	1542	1220	975	678	530	445	908	1190	1412	1248	12833
1.50 - 1.99	839	712	681	449	130	62	27	48	212	403	800	881	5244
2.00 - 2.49	382	293	284	132	25	10	15	13	60	156	231	465	2066
2.50 - 2.99	211	128	157	56	7	3	1	11	33	62	113	185	967
3.00 - 3.49	137	67	96	35	11	2	.	3	10	39	60	130	590
3.50 - 3.99	79	47	60	15	9	.	.	.	2	18	40	72	342
4.00 - 4.49	30	27	29	13	3	.	.	.	2	7	10	33	154
4.50 - 4.99	24	15	16	9	2	.	.	.	.	11	17	21	115
5.00 - 5.49	11	29	7	4	5	.	.	.	.	3	11	19	89
5.50 - 5.99	4	12	5	7	.	.	.	.	.	3	7	8	46
6.00 - 6.49	3	7	5	2	.	.	.	.	.	.	.	3	20
6.50 - 6.99	3	2	6	.	.	.	.	.	.	.	.	2	13
7.00 - 7.49	3	.	1	.	.	.	.	.	.	.	.	.	4
7.50 - 7.99	1	1	.	.	.	.	.	.	.	.	.	.	2
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 94

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	542	485	562	892	1111	1541	2027	1888	990	885	587	411	11921
4.0 - 4.9	1329	1353	1472	1563	1703	1788	1483	1489	1502	1691	1279	1150	17802
5.0 - 5.9	1232	971	1085	628	442	298	278	241	494	731	1087	1216	8703
6.0 - 6.9	508	448	406	310	246	166	98	213	270	375	331	473	3844
7.0 - 7.9	308	279	328	272	286	337	298	423	459	385	252	385	4012
8.0 - 8.9	208	172	199	236	392	358	429	357	459	276	198	254	3538
9.0 - 9.9	173	164	203	302	452	210	258	225	307	214	273	207	2988
10.0 - 10.9	191	186	257	257	203	66	68	60	165	197	243	265	2158
11.0 - 11.9	211	168	171	209	73	36	20	50	117	109	289	286	1739
12.0 - 12.9	176	167	156	70	31	.	1	14	36	74	168	167	1060
13.0 - 13.9	63	80	75	43	13	.	.	.	.	17	53	106	450
14.0 - 14.9	8	28	35	16	8	.	.	.	1	.	24	32	152
15.0 - 15.9	11	14	8	1	.	.	.	.	.	1	14	7	56
16.0 - 16.9	.	5	2	1	.	.	.	.	.	4	2	1	15
17.0 - 17.9	.	.	1	.	.	.	.	.	.	1	.	.	2
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 94

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	500	374	427	394	208	164	138	232	262	298	316	438	3751
11.25 - 33.74 (22.5)	226	206	182	182	131	92	45	114	164	196	179	218	1935
33.75 - 56.24 (45.0)	211	220	213	117	138	68	39	101	118	246	209	233	1913
56.25 - 78.74 (67.5)	272	251	356	306	222	145	75	95	260	281	266	298	2827
78.75 - 101.24 (90.0)	836	831	986	883	991	637	550	626	1176	903	984	1044	10447
101.25 - 123.74 (112.5)	192	274	278	359	539	481	586	596	601	454	317	293	4970
123.75 - 146.24 (135.0)	92	114	128	185	281	337	288	263	130	167	102	98	2185
146.25 - 168.74 (157.5)	106	94	119	173	136	119	78	104	98	126	124	140	1417
168.75 - 191.24 (180.0)	176	137	197	274	378	391	386	264	255	292	358	222	3330
191.25 - 213.74 (202.5)	237	155	173	245	356	610	644	539	334	300	269	174	4036
213.75 - 236.24 (225.0)	164	140	127	201	370	507	600	513	296	206	180	172	3476
236.25 - 258.74 (247.5)	192	149	118	205	260	349	437	387	179	254	176	162	2868
258.75 - 281.24 (270.0)	478	387	333	375	361	413	566	494	294	428	378	330	4837
281.25 - 303.74 (292.5)	372	350	393	322	206	200	210	232	223	273	332	324	3437
303.75 - 326.24 (315.0)	498	481	472	330	213	159	195	209	205	299	356	429	3846
326.25 - 348.74 (337.5)	408	357	458	249	170	128	123	191	205	237	254	385	3165
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.25 N, LONG: 70.50 W, DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 94 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2731	366									3097
1.00 - 1.99	224	1577	23								1824
2.00 - 2.99		296	493								789
3.00 - 3.99			385	1							386
4.00 - 4.99			40	18							58
5.00 - 5.99				18							18
6.00 - 6.99				1							1
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	2955	2239	941	38	0	0	0	0	0	0	6173

STATION: 94 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1039	688	89	33	116	90	8				2063
1.00 - 1.99	81	751	289	17	4						1142
2.00 - 2.99		89	277	41	5	1					413
3.00 - 3.99			130	94	3						227
4.00 - 4.99			9	94	8						111
5.00 - 5.99				58	16	5					79
6.00 - 6.99				4	9	6	1				20
7.00 - 7.99					1	3	2				6
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1120	1528	794	341	162	105	11	0	0	0	4061

STATION: 94 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1117	1465	2450	2495	1522	246	26	1			9322
1.00 - 1.99	118	976	1037	860	744	158	24	1			3918
2.00 - 2.99		107	371	286	116	35					915
3.00 - 3.99			109	91	53	24	1				278
4.00 - 4.99			5	46	36	7	5				99
5.00 - 5.99				11	19	6	2				38
6.00 - 6.99					7	3	2				12
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1235	2548	3972	3789	2497	479	60	2	0	0	14582

STATION: 94 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1212	250	1737	925	125	14					4263
1.00 - 1.99	451	318	68	41	14	4					896
2.00 - 2.99		37	27	11							75
3.00 - 3.99		1	1	1	1						4
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1663	606	1833	978	140	18	0	0	0	0	5238

STATION: 94 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3471	5									3476
1.00 - 1.99	860	1611									2471
2.00 - 2.99		146									146
3.00 - 3.99		1									1
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	4331	1763	0	0	0	0	0	0	0	0	6094

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.25 N LONG: 70.50 W DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 94 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4766										4766
1.00 - 1.99	1456	547									2003
2.00 - 2.99		28									28
3.00 - 3.99		1									1
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	6222	576	0	0	0	0	0	0	0	0	6798

STATION: 94 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5719										5719
1.00 - 1.99	1681	655									2336
2.00 - 2.99		131									131
3.00 - 3.99											0
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	7400	786	0	0	0	0	0	0	0	0	8186

STATION: 94 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3249										3249
1.00 - 1.99	1548	1939									3487
2.00 - 2.99		536									536
3.00 - 3.99		26	9								35
4.00 - 4.99			1								1
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	4797	2501	10	0	0	0	0	0	0	0	7308

STATION: 94 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	23304	2774	4276	3453	1763	350	34	1			35955
1.00 - 1.99	6419	8374	1417	918	762	162	24	1			18077
2.00 - 2.99		1370	1168	338	121	36					3033
3.00 - 3.99		29	634	187	57	24	1				932
4.00 - 4.99			55	158	44	7	5				269
5.00 - 5.99				87	35	11	2				135
6.00 - 6.99				5	16	9	3				33
7.00 - 7.99					1	3	2				6
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	29723	12547	7550	5146	2799	602	71	2	0	0	58440

STATION: 94

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	105	99	125	152	228	205	192	237	222	150	139	96	1950
2.50 - 4.99	1044	1066	1170	1667	2271	2474	2943	2928	2350	1870	1297	1189	22269
5.00 - 7.49	1001	908	1073	1282	1518	1469	1329	1337	1340	1302	1136	954	14649
7.50 - 9.99	1136	1154	1348	1169	837	617	485	417	736	1087	1091	1028	11105
10.00 - 12.49	755	600	670	327	72	34	11	38	124	345	597	677	4250
12.50 - 14.99	624	476	416	159	26	1		3	26	168	415	706	3020
15.00 - 17.49	119	118	84	24	5				2	25	72	174	623
17.50 - 19.99	125	87	60	15	3					13	42	109	454
20.00 - GREATER	51	12	14	5							11	27	120
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.25 N, LONG: 70.50 W, DEPTH: 27 M

STATION: 94

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	667	581	635	591	395	267	212	370	519	528	574	662	6001
22.50 - 67.49 (45.0)	315	406	422	243	253	181	113	206	388	410	365	365	3667
67.50 - 112.49 (90.0)	250	299	350	256	258	181	85	130	385	313	288	398	3193
112.50 - 157.49 (135.0)	258	357	429	396	400	327	218	252	315	388	359	351	4050
157.50 - 202.49 (180.0)	400	312	419	551	762	771	786	601	554	542	651	440	6789
202.50 - 247.49 (225.0)	562	427	422	711	1097	1461	1648	1429	909	789	657	597	10709
247.50 - 292.49 (270.0)	1097	913	945	1097	1068	1085	1338	1246	957	1101	939	899	12685
292.50 - 337.49 (315.0)	1411	1225	1338	955	727	527	560	726	773	889	967	1248	11346
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 94

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.19	0.97	1.15	0.79	0.64	0.63	0.57	0.63	0.72	0.91	0.93	1.05	0.93
1957	1.09	0.98	1.08	0.80	0.60	0.51	0.53	0.45	0.58	0.87	0.99	1.25	0.81
1958	1.58	1.26	1.53	1.27	0.73	0.64	0.51	0.54	0.72	1.02	1.00	1.19	1.00
1959	1.27	1.00	1.16	0.77	0.58	0.53	0.54	0.57	0.57	0.92	1.07	1.23	0.85
1960	1.13	1.46	1.33	0.72	0.61	0.71	0.50	0.44	0.68	0.95	0.90	1.12	0.88
1961	1.27	0.98	1.10	0.96	0.80	0.60	0.47	0.47	0.85	1.31	1.17	1.09	0.92
1962	1.01	1.25	1.77	0.82	0.65	0.51	0.52	0.72	0.87	0.96	1.38	1.34	0.98
1963	1.16	1.15	1.08	0.94	0.74	0.58	0.52	0.51	1.00	0.96	1.45	1.16	0.93
1964	1.56	1.37	1.21	0.78	0.75	0.68	0.59	0.61	0.76	0.83	1.00	1.40	0.96
1965	1.53	1.17	0.95	0.78	0.57	0.69	0.51	0.63	0.71	0.90	1.06	0.98	0.87
1966	1.82	1.03	0.91	0.60	0.65	0.57	0.57	0.50	0.77	0.84	1.22	1.41	0.91
1967	1.20	1.33	1.25	1.48	1.13	0.66	0.49	0.51	0.93	0.82	1.13	1.62	1.04
1968	1.50	1.33	1.28	1.07	0.69	0.61	0.52	0.60	0.66	0.88	1.36	1.45	1.00
1969	1.31	2.55	1.46	0.91	0.83	0.59	0.70	0.61	0.72	0.93	1.40	1.76	1.14
1970	1.17	1.14	1.05	0.90	0.78	0.65	0.58	0.62	0.64	0.96	1.16	1.66	0.94
1971	1.20	1.10	1.22	1.04	0.80	0.57	0.60	0.66	0.65	0.79	1.16	1.32	0.92
1972	1.07	1.32	1.15	0.85	0.87	0.76	0.49	0.63	0.93	0.93	1.23	1.29	0.96
1973	1.27	1.51	1.27	1.16	0.78	0.67	0.68	0.56	0.71	0.97	1.06	1.36	1.00
1974	0.98	1.39	1.17	1.01	0.80	0.66	0.57	0.60	0.75	0.97	1.49	1.41	0.98
1975	1.52	1.06	1.53	1.32	0.70	0.78	0.79	0.61	0.82	1.00	1.20	1.93	1.11
MEAN	1.34	1.27	1.23	0.95	0.73	0.63	0.56	0.57	0.75	0.94	1.17	1.35	

STATION: 94

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	7615 6	26 619	5110 3	33 8 8	22 635	13 414	16 518	29 8 6	25 7 8	28 8 4	27 810	28 630	7615 6
1957	34 8 8	23 7 3	39 9 8	26 7 2	16 6 0	18 619	14 519	10 423	13 532	25 7 3	30 8 5	48 9 5	48 9 5
1958	4610 9	41 9 8	4911 8	5610 4	22 8 8	16 5 1	13 530	16 519	31 736	31 8 8	23 631	33 8 5	5610 4
1959	3913 9	23 631	41 9 9	18 517	12 519	11 420	16 512	12 8 9	26 7 3	361011	41 9 5	44 9 4	44 9 4
1960	25 631	42 9 9	7012 6	26 7 3	13 412	23 7 5	13 517	11 519	20 710	37 9 5	22 529	6211 4	7012 6
1961	5110 7	6011 6	33 8 9	31 736	21 6 6	16 519	11 432	11 421	32 8 9	5510 4	38 8 1	36 8 5	6011 6
1962	23 617	41 9 7	6713 8	25 7 9	14 530	11 426	12 428	31 7 0	33 8 7	35 7 0	5710 2	5410 2	6713 8
1963	37 8 0	39 835	31 8 8	23 633	19 7 5	15 5 3	12 518	18 516	29 8 5	46 9 1	5110 9	34 735	5110 9
1964	5410 5	41 8 3	29 8 5	18 619	13 425	16 520	16 5 1	17 517	23 636	21 635	34 8 3	6010 1	6010 1
1965	45 9 5	50 911	28 7 3	26 736	12 518	13 519	12 421	13 428	16 535	21 632	24 620	36 836	50 911
1966	5310 7	38 8 0	23 7 1	21 6 2	14 516	11 419	11 421	12 421	21 711	22 630	27 912	40 9 4	5310 7
1967	42 910	41 8 3	38 8 2	6112 7	5210 3	25 8 6	11 418	13 519	25 8 7	25 7 1	36 8 1	53 9 1	6112 7
1968	4710 5	6011 4	4810 3	22 619	25 810	17 7 9	12 519	12 421	1712 9	23 6 2	5010 4	39 836	6011 4
1969	31 736	7513 4	5210 4	23 619	18 518	12 518	19 5 1	12 520	19 6 1	25 7 1	41 9 5	561110	7513 4
1970	36 8 1	33 810	33 7 1	24 811	17 6 3	14 519	15 519	25 7 2	14 518	34 8 1	32 7 1	5110 9	5110 9
1971	36 8 1	28 7 9	4610 8	27 7 1	17 6 2	11 423	15 519	20 6 1	14 8 9	21 7 7	38 9 9	37 8 1	4610 8
1972	28 736	4110 8	23 7 0	31 735	37 9 5	31 8 8	14 518	13 423	43 9 4	28 7 8	32 8 2	34 9 9	43 9 4
1973	30 8 8	41 9 3	40 9 3	38 910	18 517	15 712	17 520	12 6 9	17 519	36 9 8	19 618	35 8 9	41 9 3
1974	28 7 1	36 8 1	30 7 9	31 8 7	24 7 2	16 6 3	12 535	15 8 9	20 617	32 8 1	5812 7	5711 9	5812 7
1975	47 9 1	32 8 3	4410 5	46 9 5	39 8 2	21 6 7	26 7 5	17 6 0	21 635	38 8 2	5310 4	6912 6	6912 6
MAX	7615 6	7513 4	7012 6	6112 7	5210 3	31 8 8	26 7 5	31 7 0	43 9 4	5510 4	5812 7	6912 6	

MAX Hmo(m): 7.6 MAX Tp(sec): 15. MAX Dp(deg): 58. DATE(gmt): 56010918

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 340. DATE(gmt): 64120112

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.50 N, LONG: 70.50 W, DEPTH: 55 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 95

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	447	444	525	869	1057	1377	1821	1784	1049	764	559	461	11157
0.50 - 0.99	1408	1325	1515	1934	2578	2584	2512	2625	2468	2198	1509	1380	24036
1.00 - 1.49	1287	1320	1431	1128	1003	661	534	450	875	1209	1259	1150	12307
1.50 - 1.99	786	699	731	524	228	152	75	71	285	445	816	92	5704
2.00 - 2.49	472	357	353	193	55	18	17	15	76	186	360	521	2623
2.50 - 2.99	234	156	172	60	12	5	1	15	31	69	121	239	1115
3.00 - 3.49	161	79	103	39	9	2	.	.	10	44	70	125	642
3.50 - 3.99	76	42	56	10	8	1	.	.	3	17	47	80	340
4.00 - 4.49	27	23	22	19	2	.	.	.	2	3	22	42	162
4.50 - 4.99	26	15	15	10	2	.	.	.	1	18	13	26	126
5.00 - 5.49	14	13	11	9	6	.	.	.	.	5	13	16	87
5.50 - 5.99	6	19	13	5	.	.	.	.	.	2	5	12	62
6.00 - 6.49	3	21	3	.	.	.	.	.	.	.	6	8	41
6.50 - 6.99	3	3	8	.	.	.	.	.	.	.	.	4	18
7.00 - 7.49	2	1	2	.	.	.	.	.	.	.	.	1	6
7.50 - 7.99	1	1	.	.	.	.	.	.	.	.	.	2	4
8.00 - 8.49	3	1	.	.	.	.	.	.	.	.	.	1	5
8.50 - 8.99	3	1	.	.	.	.	.	.	.	.	.	.	4
9.00 - 9.49	1	.	.	.	.	.	.	.	.	.	.	.	1
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 95

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	490	482	521	749	902	1176	1561	1513	731	715	502	338	9680
4.0 - 4.9	1216	1175	1301	1295	1369	1538	1311	1367	1309	1453	1072	931	15337
5.0 - 5.9	1167	943	1051	665	561	451	399	291	498	773	1025	1128	8952
6.0 - 6.9	575	503	500	393	278	212	131	255	278	397	434	560	4516
7.0 - 7.9	290	284	315	231	279	464	427	518	491	395	207	342	4243
8.0 - 8.9	186	188	214	284	569	518	624	538	644	431	246	259	4701
9.0 - 9.9	259	198	233	464	615	324	394	322	451	316	357	278	4211
10.0 - 10.9	264	221	338	357	246	92	98	96	250	257	335	385	2939
11.0 - 11.9	260	216	210	228	99	24	13	46	115	124	388	373	2096
12.0 - 12.9	188	191	168	71	30	1	2	14	33	81	140	224	1143
13.0 - 13.9	56	78	66	47	9	.	.	.	.	16	53	97	422
14.0 - 14.9	3	28	33	12	3	.	.	.	.	1	25	35	140
15.0 - 15.9	6	11	5	4	.	.	.	.	.	.	15	8	49
16.0 - 16.9	.	1	2	.	.	.	.	.	.	1	1	1	6
17.0 - 17.9	.	1	2	.	.	.	.	.	.	.	.	1	4
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	1	.	.	.	.	.	.	.	.	.	1
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 95

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	421	321	363	330	166	130	82	167	213	255	259	342	3049
11.25 - 33.74 (22.5)	211	188	150	170	112	66	37	100	121	157	139	174	1625
33.75 - 56.24 (45.0)	189	196	173	96	96	51	16	85	89	217	152	190	1550
56.25 - 78.74 (67.5)	192	195	262	168	151	85	25	70	153	198	186	199	1884
78.75 - 101.24 (90.0)	828	842	1054	902	912	426	418	457	970	760	1019	1106	9694
101.25 - 123.74 (112.5)	396	461	473	662	854	785	815	834	1068	852	605	641	8446
123.75 - 146.24 (135.0)	200	184	209	356	495	672	700	597	368	318	180	165	4444
146.25 - 168.74 (157.5)	100	93	102	153	133	120	70	91	78	118	126	116	1300
168.75 - 191.24 (180.0)	183	153	202	285	377	394	389	274	264	300	369	225	3415
191.25 - 213.74 (202.5)	239	123	154	201	315	544	559	498	293	258	224	169	3577
213.75 - 236.24 (225.0)	148	137	124	172	312	452	511	477	240	188	186	153	3100
236.25 - 258.74 (247.5)	178	138	105	180	221	271	365	309	135	232	155	144	2433
258.75 - 281.24 (270.0)	435	340	321	310	306	369	511	441	257	385	344	287	4306
281.25 - 303.74 (292.5)	352	353	368	279	174	175	181	203	187	249	307	307	3135
303.75 - 326.24 (315.0)	482	458	442	306	191	143	185	182	192	276	317	368	3542
326.25 - 348.74 (337.5)	406	338	458	230	145	117	96	175	172	197	232	374	2940
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.50 N, LONG: 70.50 W, DEPTH: 55 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 95 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2262	238	.	.	.	.	.	.	.	.	2500
1.00 - 1.99	213	1346	.	.	.	.	.	.	.	.	1559
2.00 - 2.99	.	558	243	.	.	.	.	.	.	.	801
3.00 - 3.99	.	.	306	.	.	.	.	.	.	.	306
4.00 - 4.99	.	.	43	2	.	.	.	.	.	.	45
5.00 - 5.99	.	.	1	14	.	.	.	.	.	.	15
6.00 - 6.99	.	.	.	1	.	.	.	.	.	.	1
7.00 - 7.99	.	.	.	1	.	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2475	2142	593	18	0	0	0	0	0	0	5228

STATION: 95 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	873	514	60	1	1	.	.	.	.	.	1449
1.00 - 1.99	77	659	164	6	.	.	.	.	.	.	906
2.00 - 2.99	.	88	221	12	.	.	.	.	.	.	321
3.00 - 3.99	.	.	147	48	1	.	.	.	.	.	196
4.00 - 4.99	.	.	20	75	.	.	.	.	.	.	95
5.00 - 5.99	.	.	.	70	7	.	.	.	.	.	77
6.00 - 6.99	.	.	.	27	7	1	.	.	.	.	35
7.00 - 7.99	.	.	.	.	4	.	.	.	.	.	4
8.00 - 8.99	.	.	.	.	4	2	.	.	.	.	6
9.00 - GREATER	.	.	.	.	.	1	.	.	.	.	1
TOTAL	950	1261	612	239	24	4	0	0	0	0	3090

STATION: 95 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	860	1046	2065	2696	1683	263	24	2	1	.	8640
1.00 - 1.99	81	937	1059	1107	836	185	22	2	.	.	4229
2.00 - 2.99	.	109	374	417	184	31	1	.	.	.	1116
3.00 - 3.99	.	.	124	151	70	24	1	.	.	.	370
4.00 - 4.99	.	.	7	71	43	15	3	.	.	.	139
5.00 - 5.99	.	.	.	25	23	7	1	.	.	.	56
6.00 - 6.99	.	.	.	3	18	.	2	.	.	.	23
7.00 - 7.99	.	.	.	.	2	3	.	.	.	.	5
8.00 - 8.99	.	.	.	.	2	.	1	.	.	.	3
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	941	2092	3629	4470	2861	528	55	4	1	0	14581

STATION: 95 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1064	740	3523	2071	274	24	.	.	.	.	7696
1.00 - 1.99	92	775	353	294	66	4	.	.	.	.	1584
2.00 - 2.99	.	161	136	28	7	2	.	.	.	.	334
3.00 - 3.99	.	.	25	25	4	.	.	.	.	.	54
4.00 - 4.99	.	.	1	4	3	.	.	.	.	.	8
5.00 - 5.99	.	.	.	1	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1156	1676	4038	2423	354	30	0	0	0	0	9677

STATION: 95 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2918	201	.	.	.	.	.	.	.	.	3119
1.00 - 1.99	348	1977	.	.	.	.	.	.	.	.	2325
2.00 - 2.99	.	383	41	.	.	.	.	.	.	.	424
3.00 - 3.99	.	.	20	.	.	.	.	.	.	.	20
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3266	2561	61	0	0	0	0	0	0	0	5888

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.50 N, LONG: 70.50 W, DEPTH: 55 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 95 (202.50 - 247.49) 225.0 DEG

Hmo(m)	Tp(sec) 3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4045		.	.	.	.	.	.	.	.	4045
1.00 - 1.99	1382	521	.	.	.	.	.	.	.	.	1903
2.00 - 2.99	.	52	.	.	.	.	.	.	.	.	52
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5427	573	0	0	0	0	0	0	0	0	6000

STATION: 95 (247.50 - 292.49) 270.0 DEG

Hmo(m)	Tp(sec) 3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4904		.	.	.	.	.	.	.	.	4904
1.00 - 1.99	1635	609	.	.	.	.	.	.	.	.	2244
2.00 - 2.99	.	147	.	.	.	.	.	.	.	.	147
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6539	757	0	0	0	0	0	0	0	0	7296

STATION: 95 (292.50 - 337.49) 315.0 DEG

Hmo(m)	Tp(sec) 3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2840		.	.	.	.	.	.	.	.	2840
1.00 - 1.99	1423	1838	.	.	.	.	.	.	.	.	3261
2.00 - 2.99	.	543	.	.	.	.	.	.	.	.	543
3.00 - 3.99	.	25	10	.	.	.	.	.	.	.	35
4.00 - 4.99	.	.	1	.	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4263	2406	11	0	0	0	0	0	0	0	6680

STATION: 95 ALL DIRECTIONS

Hmo(m)	Tp(sec) 3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	19766	2739	5648	4768	1958	287	24	2	1	.	35193
1.00 - 1.99	5251	8662	1576	1407	902	189	22	2	.	.	18011
2.00 - 2.99	.	2041	1015	457	191	33	1	.	.	.	3738
3.00 - 3.99	.	26	632	224	75	24	1	.	.	.	982
4.00 - 4.99	.	.	72	152	46	15	3	.	.	.	288
5.00 - 5.99	.	.	1	110	30	7	1	.	.	.	149
6.00 - 6.99	.	.	.	31	25	1	2	.	.	.	59
7.00 - 7.99	.	.	.	1	6	3	.	.	.	.	10
8.00 - 8.99	.	.	.	.	6	2	1	.	.	.	9
9.00 - GREATER	.	.	.	.	.	1	.	.	.	.	1
TOTAL	25017	13468	8944	7150	3239	562	55	4	1	0	58440

STATION: 95

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	137	110	143	186	268	248	244	283	271	187	165	120	2362
2.50 - 4.99	1052	1093	1208	1730	2262	2451	2892	2887	2359	1859	1332	1195	22320
5.00 - 7.49	975	908	1059	1236	1504	1441	1330	1325	1276	1294	1118	943	14409
7.50 - 9.99	1117	1145	1338	1126	819	625	484	426	737	1073	1044	1001	10935
10.00 - 12.49	737	582	661	315	79	33	10	36	127	341	581	677	4179
12.50 - 14.99	642	464	394	160	20	2	.	3	29	168	428	706	3016
15.00 - 17.49	128	114	82	27	3	.	.	.	1	30	75	173	633
17.50 - 19.99	116	91	64	16	5	.	.	.	.	8	45	113	458
20.00 - GREATER	56	13	11	4	.	.	.	.	.	.	12	32	128
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.50 N, LONG: 70.50 W, DEPTH: 55 M

STATION: 95

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	678	574	661	622	385	263	218	377	507	530	566	675	6056
22.50 - 67.49 (45.0)	314	401	430	237	252	192	116	203	384	384	371	380	3664
67.50 - 112.49 (90.0)	232	296	348	246	253	161	83	127	359	312	278	384	3079
112.50 - 157.49 (135.0)	277	359	416	398	408	330	206	247	320	378	357	359	4055
157.50 - 202.49 (180.0)	393	312	424	573	744	752	774	594	554	557	679	442	6798
202.50 - 247.49 (225.0)	575	443	433	701	1104	1479	1632	1420	930	814	658	615	10804
247.50 - 292.49 (270.0)	1105	917	919	1081	1065	1079	1355	1256	960	1115	957	893	12702
292.50 - 337.49 (315.0)	1386	1218	1329	942	749	544	576	736	786	870	934	1212	11282
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 95

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.33	1.03	1.18	0.83	0.66	0.67	0.59	0.65	0.73	0.92	0.97	1.12	0.97
1957	1.11	0.98	1.08	0.85	0.61	0.57	0.54	0.46	0.60	0.88	1.07	1.33	0.84
1958	1.72	1.27	1.58	1.38	0.80	0.71	0.53	0.57	0.74	1.06	1.04	1.18	1.05
1959	1.33	1.01	1.21	0.80	0.59	0.56	0.59	0.57	0.59	1.02	1.16	1.28	0.89
1960	1.14	1.54	1.35	0.75	0.69	0.75	0.53	0.45	0.71	0.97	0.95	1.20	0.92
1961	1.32	1.02	1.13	0.98	0.85	0.61	0.49	0.49	0.89	1.37	1.21	1.12	0.96
1962	1.06	1.27	1.77	0.86	0.71	0.53	0.54	0.75	0.89	1.02	1.43	1.41	1.02
1963	1.18	1.18	1.14	0.95	0.80	0.59	0.55	0.52	1.02	0.98	1.58	1.19	0.97
1964	1.63	1.41	1.24	0.82	0.78	0.69	0.63	0.65	0.80	0.85	1.05	1.47	1.00
1965	1.58	1.24	0.95	0.82	0.58	0.69	0.54	0.67	0.75	0.96	1.12	1.04	0.91
1966	1.86	1.04	0.97	0.59	0.67	0.59	0.60	0.52	0.80	0.88	1.31	1.44	0.94
1967	1.28	1.37	1.23	1.50	1.19	0.68	0.52	0.53	0.98	0.88	1.18	1.67	1.08
1968	1.53	1.36	1.36	1.12	0.70	0.65	0.56	0.61	0.67	0.90	1.40	1.48	1.03
1969	1.35	2.70	1.50	0.97	0.89	0.64	0.75	0.63	0.77	0.95	1.54	1.89	1.20
1970	1.15	1.23	1.07	0.95	0.86	0.70	0.63	0.64	0.66	1.00	1.20	1.70	0.98
1971	1.22	1.19	1.25	1.07	0.85	0.59	0.62	0.68	0.71	0.82	1.21	1.36	0.96
1972	1.09	1.38	1.22	0.87	0.94	0.86	0.52	0.65	0.97	0.96	1.26	1.34	1.00
1973	1.33	1.54	1.33	1.25	0.85	0.74	0.73	0.57	0.75	0.98	1.09	1.47	1.05
1974	1.00	1.37	1.25	1.05	0.84	0.70	0.59	0.61	0.78	1.01	1.52	1.49	1.02
1975	1.58	1.07	1.56	1.34	0.73	0.81	0.83	0.63	0.87	1.02	1.25	2.04	1.15
MEAN	1.39	1.31	1.27	0.99	0.78	0.67	0.59	0.59	0.78	0.97	1.23	1.41	

STATION: 95

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	9314 7	33 719	5610 7	33 8 9	22 635	16 513	18 618	29 8 5	23 6 8	28 8 5	31 718	29 630	9314 7
1957	34 8 9	22 911	38 8 7	27 813	15 6 1	22 619	16 519	10 536	15 519	26 7 3	33 8 6	51 9 6	51 9 6
1958	5010 9	45 9 8	5711 7	54 9 3	23 810	19 5 1	13 514	18 617	29 7 0	33 8 8	26 715	31 7 1	5711 7
1959	4013 9	24 631	49 910	21 615	15 519	14 518	20 611	12 810	24 7 4	501012	46 9 5	48 9 5	501012
1960	25 631	49 9 9	7211 6	23 6 1	16 512	20 6 3	15 518	14 519	22 612	38 8 5	26 619	6610 4	7211 6
1961	5310 7	6711 7	35 8 9	32 8 7	221012	18 619	11 519	11 421	31 810	55 9 4	39 8 2	38 8 5	6711 7
1962	29 813	42 9 8	6712 8	26 7 9	15 518	11 425	14 519	29 7 2	37 8 7	351110	58 9 0	5612 9	6712 8
1963	36 8 0	38 8 1	33 8 7	23 633	25 614	15 5 3	15 518	22 616	30 8 6	46 834	6211 9	35 8 1	6211 9
1964	5710 7	40 8 3	29 8 4	22 619	15 812	18 619	14 519	22 617	22 8 9	22 635	36 912	6210 4	6210 4
1965	47 9 6	561111	28 7 4	24 635	15 519	13 519	15 519	16 520	19 618	27 812	27 719	39 835	561111
1966	6110 4	42 9 4	23 636	18 6 3	16 516	14 520	12 420	14 519	21 712	22 630	35 912	41 9 5	6110 4
1967	48 910	41 8 5	38 8 3	5613 9	5410 5	26 8 6	12 518	17 519	24 7 7	24 636	34 735	5710 6	5710 6
1968	50 9 4	6410 4	51 9 7	26 615	26 711	18 710	16 520	16 519	17 519	23 6 2	5410 6	39 8 0	6410 4
1969	321010	8813 5	5610 6	25 620	23 618	15 517	20 810	12 422	19 6 1	23 6 1	43 9 5	681110	8813 5
1970	35 8 2	36 811	32 7 2	29 812	20 619	17 619	18 619	25 7 6	17 618	32 735	31 7 3	601010	601010
1971	38 9 5	30 812	5210 9	25 7 3	17 812	12 519	18 619	19 6 3	15 531	21 7 8	3910 9	42 9 4	5210 9
1972	26 7 1	4510 9	26 614	29 7 1	36 7 1	35 8 8	18 618	16 520	4710 7	28 8 8	36 9 4	36 9 9	4710 7
1973	31 736	44 9 3	42 9 4	46 910	22 616	19 712	21 619	12 610	21 618	39 9 9	24 618	36 8 6	46 910
1974	26 619	34 734	29 8 9	32 8 7	25 614	20 712	13 535	17 520	25 618	30 734	6010 4	631110	631110
1975	49 9 4	31 7 2	50 9 5	4511 9	38 9 5	20 618	25 8 8	17 6 0	21 635	34 7 1	6010 6	8412 7	8412 7
MAX	9314 7	8813 5	7211 6	5613 9	5410 5	35 8 8	25 8 8	29 7 2	4710 7	55 9 4	6211 9	8412 7	

MAX Hmo(m): 9.3 MAX Tp(sec): 14. MAX Dp(deg): 65. DATE(gmt): 56010918

MAX WIND SPEED(m/sec): 27. MAX WIND DIRECTION(deg): 345. DATE(gmt): 64120112

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.75 N LONG: 70.50 W DEPTH: 55 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 96

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	490	492	580	887	1051	1277	1734	1706	1045	774	584	525	11145
0.50 - 0.99	1423	1369	1521	1926	2493	2594	2541	2675	2482	2159	1537	1370	24090
1.00 - 1.49	1249	1261	1373	1136	1089	741	584	473	870	1237	1212	1111	12336
1.50 - 1.99	794	686	756	505	218	138	81	75	280	465	780	868	5646
2.00 - 2.49	477	344	356	198	68	41	20	23	81	178	364	534	2684
2.50 - 2.99	239	164	181	71	19	5	.	8	31	76	147	246	1187
3.00 - 3.49	150	73	80	28	10	3	.	.	6	35	66	124	575
3.50 - 3.99	65	41	49	16	4	1	.	.	1	10	57	78	322
4.00 - 4.49	27	24	20	18	2	.	.	.	3	15	23	35	167
4.50 - 4.99	19	15	13	14	2	.	.	.	.	6	17	26	112
5.00 - 5.49	9	20	14	1	4	.	.	.	1	3	8	21	81
5.50 - 5.99	1	15	11	.	.	.	.	.	.	2	2	6	37
6.00 - 6.49	6	7	4	.	.	.	.	.	.	.	2	6	25
6.50 - 6.99	1	7	2	.	.	.	.	.	.	.	1	4	15
7.00 - 7.49	3	1	.	.	.	.	.	.	.	.	.	2	6
7.50 - 7.99	2	1	.	.	.	.	.	.	.	.	.	2	5
8.00 - 8.49	5	.	.	.	.	.	.	.	.	.	.	.	5
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	2	2
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 96

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	508	520	548	751	839	1052	1389	1412	647	651	516	338	9171
4.0 - 4.9	1195	1148	1270	1266	1296	1484	1265	1320	1289	1440	1055	941	14969
5.0 - 5.9	1190	977	996	671	484	409	362	272	456	761	973	1151	8702
6.0 - 6.9	565	521	578	383	402	361	235	344	362	444	480	582	5257
7.0 - 7.9	303	263	329	256	369	610	609	624	570	448	249	389	5019
8.0 - 8.9	214	226	258	352	706	557	656	539	685	490	303	268	5254
9.0 - 9.9	315	230	261	496	563	249	354	309	459	339	388	285	4248
10.0 - 10.9	266	205	310	361	210	61	78	84	225	219	349	414	2782
11.0 - 11.9	264	217	205	192	65	17	10	50	91	100	330	344	1885
12.0 - 12.9	109	152	148	42	17	.	2	6	16	53	84	184	813
13.0 - 13.9	28	42	34	24	6	.	.	.	.	14	48	50	246
14.0 - 14.9	3	19	18	5	3	.	.	.	.	1	21	14	84
15.0 - 15.9	.	.	4	1	.	.	.	.	.	.	3	.	8
16.0 - 16.9	.	.	1	.	.	.	.	.	.	.	1	.	2
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 96

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	373	284	352	296	145	107	65	136	183	240	241	327	2749
11.25 - 33.74 (22.5)	192	168	135	147	93	61	26	91	96	149	128	158	1444
33.75 - 56.24 (45.0)	163	168	163	77	86	52	7	75	72	175	131	167	1336
56.25 - 78.74 (67.5)	192	197	215	134	112	57	24	66	121	185	167	207	1677
78.75 - 101.24 (90.0)	768	782	1014	799	798	340	300	353	818	661	942	1016	8591
101.25 - 123.74 (112.5)	464	450	503	751	964	790	945	888	1273	909	616	640	9193
123.75 - 146.24 (135.0)	211	276	301	430	616	820	748	716	427	432	271	204	5452
146.25 - 168.74 (157.5)	130	106	128	195	185	198	188	176	102	155	171	165	1899
168.75 - 191.24 (180.0)	242	171	241	310	395	428	413	288	280	287	414	254	3723
191.25 - 213.74 (202.5)	217	106	125	177	285	484	519	466	282	276	214	148	3299
213.75 - 236.24 (225.0)	133	140	115	182	284	446	469	444	234	190	176	159	2972
236.25 - 258.74 (247.5)	165	139	106	160	212	243	326	295	127	218	142	132	2265
258.75 - 281.24 (270.0)	451	333	297	311	290	347	488	429	243	368	339	296	4192
281.25 - 303.74 (292.5)	363	391	380	285	175	175	183	190	187	238	311	309	3187
303.75 - 326.24 (315.0)	463	442	454	294	183	140	164	176	184	275	300	382	3457
326.25 - 348.74 (337.5)	433	367	431	252	137	112	95	171	171	202	237	396	3004
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.75 N LONG: 70.50 W DEPTH: 55 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 96 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2133	181	.	.	.	.	.	.	.	.	2314
1.00 - 1.99	199	1381	.	.	.	.	.	.	.	.	1580
2.00 - 2.99	.	656	103	.	.	.	.	.	.	.	759
3.00 - 3.99	.	4	161	.	.	.	.	.	.	.	165
4.00 - 4.99	.	.	31	.	.	.	.	.	.	.	31
5.00 - 5.99	.	.	1	3	.	.	.	.	.	.	4
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2332	2222	296	3	0	0	0	0	0	0	4853

STATION: 96 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	838	440	39	5	.	.	.	.	.	.	1322
1.00 - 1.99	87	613	112	3	.	.	.	.	.	.	815
2.00 - 2.99	.	108	169	8	.	.	.	.	.	.	285
3.00 - 3.99	.	.	168	9	.	.	.	.	.	.	177
4.00 - 4.99	.	.	33	59	1	.	.	.	.	.	93
5.00 - 5.99	.	.	.	59	3	.	.	.	.	.	62
6.00 - 6.99	.	.	.	6	6	3	.	.	.	.	15
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	925	1161	521	149	11	3	0	0	0	0	2770

STATION: 96 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	785	857	2123	2827	1578	200	7	.	.	.	8377
1.00 - 1.99	76	914	1023	1057	595	86	3	.	.	.	3754
2.00 - 2.99	.	102	388	364	122	17	.	.	.	.	993
3.00 - 3.99	.	.	126	147	46	7	.	.	.	.	326
4.00 - 4.99	.	.	10	82	31	5	.	.	.	.	128
5.00 - 5.99	.	.	.	27	18	.	.	.	.	.	45
6.00 - 6.99	.	.	.	9	13	1	.	.	.	.	23
7.00 - 7.99	.	.	.	.	6	4	.	.	.	.	10
8.00 - 8.99	.	.	.	.	3	4	.	.	.	.	7
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	861	1873	3670	4513	2412	324	10	0	0	0	13663

STATION: 96 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1098	1241	4465	1966	206	3	.	.	.	.	8979
1.00 - 1.99	100	871	659	318	52	.	.	.	.	.	2000
2.00 - 2.99	.	108	288	32	10	.	.	.	.	.	438
3.00 - 3.99	.	.	70	28	2	.	.	.	.	.	100
4.00 - 4.99	.	.	7	16	1	.	.	.	.	.	24
5.00 - 5.99	.	.	.	4	3	.	.	.	.	.	7
6.00 - 6.99	.	.	.	1	1	.	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1198	2220	5489	2365	275	3	0	0	0	0	11550

STATION: 96 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2776	270	.	.	.	.	.	.	.	.	3046
1.00 - 1.99	349	1977	2	.	.	.	.	.	.	.	2328
2.00 - 2.99	.	404	196	.	.	.	.	.	.	.	600
3.00 - 3.99	.	.	83	.	.	.	.	.	.	.	83
4.00 - 4.99	.	.	1	.	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3125	2651	282	0	0	0	0	0	0	0	6058

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.75 N, LONG: 70.50 W, DEPTH: 55 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 96 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3786		.	.	.	.	.	.	.	.	3786
1.00 - 1.99	1444	513	.	.	.	.	.	.	.	.	1957
2.00 - 2.99	.	57	.	.	.	.	.	.	.	.	57
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5230	570	0	0	0	0	0	0	0	0	5800

STATION: 96 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4619		.	.	.	.	.	.	.	.	4619
1.00 - 1.99	1619	622	.	.	.	.	.	.	.	.	2241
2.00 - 2.99	.	164	.	.	.	.	.	.	.	.	164
3.00 - 3.99	.	4	.	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6238	790	0	0	0	0	0	0	0	0	7028

STATION: 96 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2792		.	.	.	.	.	.	.	.	2792
1.00 - 1.99	1439	1868	.	.	.	.	.	.	.	.	3307
2.00 - 2.99	.	575	.	.	.	.	.	.	.	.	575
3.00 - 3.99	.	29	13	.	.	.	.	.	.	.	42
4.00 - 4.99	.	.	2	.	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4231	2472	15	0	0	0	0	0	0	0	6718

STATION: 96 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	18827	2989	6627	4798	1784	203	7	.	.	.	35235
1.00 - 1.99	5313	8759	1796	1378	647	86	3	.	.	.	17982
2.00 - 2.99	.	2174	1144	404	132	17	.	.	.	.	3871
3.00 - 3.99	.	37	621	184	48	7	.	.	.	.	897
4.00 - 4.99	.	.	84	157	33	5	.	.	.	.	279
5.00 - 5.99	.	.	1	93	24	.	.	.	.	.	118
6.00 - 6.99	.	.	.	16	20	4	.	.	.	.	40
7.00 - 7.99	.	.	.	.	7	4	.	.	.	.	11
8.00 - 8.99	.	.	.	.	3	4	.	.	.	.	7
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	24140	13959	10273	7030	2698	330	10	0	0	0	58440

STATION: 96

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	150	132	162	203	306	266	286	341	321	197	165	143	2672
2.50 - 4.99	1075	1110	1243	1755	2273	2413	2849	2825	2344	1873	1361	1207	22328
5.00 - 7.49	970	913	1039	1202	1414	1403	1310	1315	1239	1263	1127	921	14116
7.50 - 9.99	1074	1096	1325	1116	861	679	505	441	737	1079	981	969	10863
10.00 - 12.49	731	597	643	323	79	36	10	36	127	335	588	701	4206
12.50 - 14.99	650	448	391	155	17	3	.	2	30	169	442	689	2996
15.00 - 17.49	138	116	75	30	3	.	.	.	2	36	73	180	653
17.50 - 19.99	110	93	75	15	7	.	.	.	.	5	50	116	471
20.00 - GREATER	62	15	7	1	.	.	.	.	.	3	13	34	135
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 42.75 N, LONG: 70.50 W, DEPTH: 55 M

STATION: 96

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	677	565	671	629	389	263	218	358	515	532	560	667	6044
22.50 - 67.49 (45.0)	327	405	443	243	260	206	113	214	371	378	384	389	3733
67.50 - 112.49 (90.0)	224	293	344	245	231	142	86	127	332	312	265	386	2987
112.50 - 157.49 (135.0)	259	344	400	372	406	320	195	233	337	345	339	353	3903
157.50 - 202.49 (180.0)	398	318	435	602	755	768	764	580	575	570	714	465	6944
202.50 - 247.49 (225.0)	597	453	459	703	1109	1463	1619	1425	922	871	654	621	10896
247.50 - 292.49 (270.0)	1116	918	892	1068	1069	1082	1353	1274	968	1111	985	902	12738
292.50 - 337.49 (315.0)	1362	1224	1316	938	741	556	612	749	780	841	899	1177	11195
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 96

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.18	1.01	1.14	0.83	0.67	0.67	0.61	0.63	0.71	0.89	0.99	1.13	0.96
1957	1.09	0.95	1.04	0.86	0.60	0.60	0.53	0.47	0.61	0.89	1.07	1.35	0.84
1958	1.67	1.25	1.53	1.36	0.81	0.74	0.53	0.59	0.74	1.06	1.06	1.14	1.04
1959	1.32	1.01	1.21	0.79	0.59	0.57	0.61	0.57	0.59	1.05	1.18	1.26	0.90
1960	1.13	1.51	1.32	0.75	0.72	0.76	0.54	0.44	0.72	0.96	0.98	1.18	0.92
1961	1.29	1.00	1.10	0.95	0.86	0.62	0.51	0.49	0.86	1.31	1.19	1.14	0.94
1962	1.08	1.22	1.61	0.88	0.71	0.54	0.55	0.76	0.89	1.02	1.37	1.38	1.00
1963	1.14	1.17	1.15	0.94	0.82	0.59	0.57	0.54	0.99	0.95	1.57	1.19	0.97
1964	1.61	1.38	1.23	0.84	0.78	0.71	0.64	0.67	0.81	0.85	1.06	1.45	1.00
1965	1.53	1.25	0.94	0.82	0.59	0.69	0.56	0.69	0.76	0.99	1.13	1.05	0.91
1966	1.81	1.03	0.97	0.58	0.69	0.60	0.61	0.53	0.81	0.88	1.27	1.40	0.93
1967	1.27	1.35	1.17	1.41	1.16	0.71	0.54	0.55	0.98	0.90	1.18	1.65	1.07
1968	1.50	1.32	1.38	1.11	0.70	0.67	0.58	0.62	0.64	0.91	1.39	1.47	1.02
1969	1.33	2.44	1.44	0.98	0.93	0.67	0.76	0.63	0.77	0.94	1.52	1.85	1.18
1970	1.09	1.24	1.05	0.93	0.89	0.73	0.66	0.65	0.66	0.98	1.18	1.64	0.97
1971	1.21	1.21	1.23	1.03	0.85	0.61	0.63	0.69	0.73	0.83	1.17	1.36	0.96
1972	1.09	1.38	1.24	0.85	0.97	0.89	0.54	0.65	0.97	0.96	1.25	1.34	1.01
1973	1.33	1.48	1.31	1.26	0.87	0.76	0.74	0.58	0.77	0.99	1.11	1.51	1.06
1974	0.99	1.33	1.27	1.08	0.86	0.74	0.59	0.60	0.79	0.99	1.46	1.48	1.01
1975	1.54	1.07	1.47	1.28	0.73	0.84	0.81	0.64	0.87	1.00	1.24	1.97	1.12
MEAN	1.36	1.28	1.24	0.98	0.79	0.69	0.61	0.60	0.78	0.97	1.22	1.40	

STATION: 96

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	8414 7	36 818	5710 7	33 8 9	19 618	16 613	21 618	28 7 5	19 6 8	26 7 4	35 818	33 718	8414 7
1957	32 7 7	22 529	37 8 6	31 814	15 5 0	24 718	16 519	11 421	17 619	23 7 4	33 8 7	46 9 7	46 9 7
1958	5210 9	44 9 8	6011 9	49 9 7	22 810	20 5 1	14 515	19 618	24 635	33 8 8	29 715	29 7 8	6011 9
1959	37 732	24 631	49 910	22 616	15 519	14 518	20 612	12 810	22 6 1	571211	43 9 7	46 9 8	571211
1960	31 718	49 9 9	6610 4	24 719	16 612	20 714	15 618	15 618	23 712	35 8 6	31 718	6310 5	6610 4
1961	49 9 7	6511 8	35 8 9	31 8 6	221012	19 619	11 520	11 422	30 810	47 9 5	37 9 7	39 8 6	6511 8
1962	35 814	39 8 7	59 9 5	25 7 9	15 617	11 420	14 519	26 6 0	39 9 7	33 811	50 836	5712 9	59 9 5
1963	33 735	34 735	33 8 7	23 633	28 813	14 518	15 618	21 616	28 7 5	41 836	6511 9	38 814	6511 9
1964	52 9 5	37 8 7	32 8 5	25 718	15 911	21 620	14 519	24 717	24 719	19 6 3	44 913	54 9 1	54 9 1
1965	44 9 6	651112	25 7 5	21 715	17 618	14 519	17 618	17 619	23 617	29 813	31 719	34 734	651112
1966	6211 7	47 9 6	28 715	17 534	17 616	14 619	14 519	12 425	22 712	24 618	41 912	39 8 4	6211 7
1967	50 910	36 7 2	37 8 6	4712 8	51 9 4	28 7 6	12 518	19 618	26 714	28 717	30 7 1	52 9 4	52 9 4
1968	46 9 5	6010 5	49 9 7	31 913	26 711	18 710	18 619	18 619	17 617	22 633	5210 8	35 736	6010 5
1969	33 630	7513 7	53 9 4	28 719	25 717	17 617	21 810	12 422	18 710	22 636	40 8 5	731210	7513 7
1970	32 7 2	37 911	31 716	30 813	23 619	19 619	21 619	25 6 1	18 618	28 736	33 812	6212 5	6212 5
1971	37 8 4	33 813	5310 9	23 6 1	18 712	12 519	21 619	17 6 4	16 516	22 618	4210 8	43 9 5	5310 9
1972	27 719	4810 9	28 714	25 635	34 8 6	35 8 9	22 619	17 618	5110 8	29 8 8	38 8 4	37 9 9	5110 8
1973	31 8 8	42 9 5	40 8 3	501010	24 714	20 713	22 718	12 713	23 618	39 9 9	27 718	38 914	501010
1974	31 718	31 736	31 715	33 8 7	28 713	21 618	12 535	20 619	27 717	30 719	53 9 4	6711 9	6711 9
1975	53 9 4	32 717	49 9 7	49 913	37 8 3	22 618	21 8 8	19 6 4	191012	30 7 2	5510 7	8713 7	8713 7
MAX	8414 7	7513 7	6610 4	501010	51 9 4	35 8 9	22 718	28 7 5	5110 8	571211	6511 9	8713 7	

MAX Hmo(m): 8.7 MAX Tp(sec): 13. MAX Dp(deg): 72. DATE(gmt): 75122206

MAX WIND SPEED(m/sec): 27. MAX WIND DIRECTION(deg): 345. DATE(gmt): 64120112

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.00 N, LONG: 70.50 W, DEPTH: 37 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 97

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	520	516	605	904	1069	1235	1671	1712	1043	798	601	542	11216
0.50 - 0.99	1397	1352	1492	1873	2384	2548	2562	2619	2437	2100	1505	1377	23646
1.00 - 1.49	1199	1271	1364	1186	1135	776	602	515	939	1289	1174	1061	12511
1.50 - 1.99	876	679	789	513	256	183	106	82	256	460	795	918	5913
2.00 - 2.49	454	360	367	183	74	47	19	27	81	178	376	529	2695
2.50 - 2.99	235	140	167	61	26	7	.	5	30	66	172	233	1142
3.00 - 3.49	158	76	87	37	7	4	.	.	9	36	82	130	626
3.50 - 3.99	59	39	28	25	4	.	.	.	3	17	49	80	304
4.00 - 4.49	23	24	21	14	4	.	.	.	1	10	29	30	156
4.50 - 4.99	17	30	24	3	1	.	.	.	1	1	11	23	111
5.00 - 5.49	4	17	8	1	.	.	.	.	.	4	2	14	50
5.50 - 5.99	3	7	6	.	.	.	.	.	.	1	2	10	29
6.00 - 6.49	4	6	2	.	.	.	.	.	.	.	2	5	19
6.50 - 6.99	3	1	.	.	.	.	.	.	.	.	.	3	7
7.00 - 7.49	2	2	.	.	.	.	.	.	.	.	.	2	6
7.50 - 7.99	4	.	.	.	.	.	.	.	.	.	.	1	5
8.00 - 8.49	2	.	.	.	.	.	.	.	.	.	.	2	4
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 97

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	499	484	525	684	748	924	1233	1293	579	599	477	325	8370
4.0 - 4.9	1158	1093	1190	1185	1236	1463	1222	1262	1225	1376	987	851	14248
5.0 - 5.9	1156	955	1004	675	454	382	345	270	455	749	923	1130	8498
6.0 - 6.9	493	435	482	287	392	439	273	382	344	429	398	508	4862
7.0 - 7.9	286	269	328	293	460	696	734	710	630	465	319	361	5551
8.0 - 8.9	222	254	284	380	733	546	672	569	719	506	299	283	5467
9.0 - 9.9	312	245	303	551	600	262	395	319	491	355	407	286	4526
10.0 - 10.9	272	222	357	407	203	72	73	91	240	263	361	452	3013
11.0 - 11.9	327	270	249	231	100	14	11	52	91	128	408	401	2282
12.0 - 12.9	182	183	160	63	21	2	2	11	26	73	121	234	1078
13.0 - 13.9	41	77	51	25	8	.	.	1	.	17	63	92	375
14.0 - 14.9	6	23	22	16	2	.	.	.	.	.	34	33	136
15.0 - 15.9	5	7	3	3	3	.	.	.	.	.	3	4	28
16.0 - 16.9	1	2	2	.	.	.	.	.	.	.	.	.	5
17.0 - 17.9	.	1	.	.	.	.	.	.	.	.	.	.	1
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 97

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	289	216	258	241	115	81	40	104	141	212	196	236	2129
11.25 - 33.74 (22.5)	149	164	96	147	75	47	19	67	77	118	91	139	1189
33.75 - 56.24 (45.0)	143	125	150	58	61	41	6	62	65	128	104	116	1059
56.25 - 78.74 (67.5)	136	120	180	102	84	58	24	49	86	160	115	162	1276
78.75 - 101.24 (90.0)	798	843	1049	791	749	293	241	298	722	632	939	927	8282
101.25 - 123.74 (112.5)	527	553	585	778	957	623	723	742	1209	921	720	912	9250
123.75 - 146.24 (135.0)	349	383	433	621	823	1078	1106	1021	722	626	398	325	7885
146.25 - 168.74 (157.5)	167	147	145	220	242	280	274	261	136	183	208	170	2433
168.75 - 191.24 (180.0)	256	169	253	325	388	448	432	287	292	294	450	278	3872
191.25 - 213.74 (202.5)	192	119	113	175	284	456	500	464	281	269	182	135	3170
213.75 - 236.24 (225.0)	143	114	95	169	260	406	406	405	213	192	145	135	2683
236.25 - 258.74 (247.5)	150	146	89	153	201	258	302	285	119	196	133	127	2159
258.75 - 281.24 (270.0)	411	298	271	244	269	312	436	385	222	339	322	258	3767
281.25 - 303.74 (292.5)	371	397	378	293	167	169	208	193	194	248	305	309	3232
303.75 - 326.24 (315.0)	431	397	431	268	153	135	153	168	166	254	283	347	3186
326.25 - 348.74 (337.5)	448	329	434	215	132	115	90	169	155	188	209	384	2868
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.00 N, LONG: 70.50 W, DEPTH: 37 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 97 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1846	8	.	.	.	.	.	.	.	.	1854
1.00 - 1.99	432	1202	.	.	.	.	.	.	.	.	1634
2.00 - 2.99	.	433	8	.	.	.	.	.	.	.	441
3.00 - 3.99	.	20	36	.	.	.	.	.	.	.	56
4.00 - 4.99	.	.	15	.	.	.	.	.	.	.	15
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2278	1663	59	0	0	0	0	0	0	0	4000

STATION: 97 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	818	242	15	.	.	.	.	.	.	.	1075
1.00 - 1.99	69	549	31	.	.	.	.	.	.	.	649
2.00 - 2.99	.	176	73	1	.	.	.	.	.	.	250
3.00 - 3.99	.	1	156	.	.	.	.	.	.	.	157
4.00 - 4.99	.	.	53	.	.	.	.	.	.	.	53
5.00 - 5.99	.	.	2	6	.	.	.	.	.	.	8
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	887	968	330	7	0	0	0	0	0	0	2192

STATION: 97 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	693	739	1806	2507	1637	238	24	1	.	.	7645
1.00 - 1.99	84	845	923	1046	733	129	8	.	.	.	3768
2.00 - 2.99	.	111	356	381	197	24	.	.	.	.	1069
3.00 - 3.99	.	.	137	153	73	21	.	.	.	.	384
4.00 - 4.99	.	.	16	87	48	7	.	.	.	.	158
5.00 - 5.99	.	.	.	29	24	8	.	.	.	.	61
6.00 - 6.99	.	.	.	1	20	4	.	.	.	.	25
7.00 - 7.99	.	.	.	.	6	5	.	.	.	.	11
8.00 - 8.99	.	.	.	.	.	3	1	.	.	.	4
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	777	1695	3238	4204	2738	439	33	1	0	0	13125

STATION: 97 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1083	1513	5437	2587	436	45	.	.	.	.	11101
1.00 - 1.99	102	903	934	558	136	19	.	.	.	.	2652
2.00 - 2.99	.	106	365	120	35	7	.	.	.	.	633
3.00 - 3.99	.	.	82	34	8	1	.	.	.	.	125
4.00 - 4.99	.	.	4	24	1	.	.	.	.	.	29
5.00 - 5.99	.	.	.	5	5	.	.	.	.	.	10
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1185	2522	6822	3328	622	72	0	0	0	0	14551

STATION: 97 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2588	355	.	.	.	.	.	.	.	.	2943
1.00 - 1.99	370	2073	22	.	.	.	.	.	.	.	2465
2.00 - 2.99	.	231	362	.	.	.	.	.	.	.	593
3.00 - 3.99	.	.	157	.	.	.	.	.	.	.	157
4.00 - 4.99	.	.	9	.	.	.	.	.	.	.	9
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2958	2659	550	0	0	0	0	0	0	0	6167

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.00 N, LONG: 70.50 W, DEPTH: 37 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 97 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3399		.	.	.	.	.	.	.	.	3399
1.00 - 1.99	1412	522	.	.	.	.	.	.	.	.	1934
2.00 - 2.99	.	63	.	.	.	.	.	.	.	.	63
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4811	585	0	0	0	0	0	0	0	0	5396

STATION: 97 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4236		.	.	.	.	.	.	.	.	4236
1.00 - 1.99	1555	652	.	.	.	.	.	.	.	.	2207
2.00 - 2.99	.	179	.	.	.	.	.	.	.	.	179
3.00 - 3.99	.	4	.	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5791	835	0	0	0	0	0	0	0	0	6626

STATION: 97 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2609		.	.	.	.	.	.	.	.	2609
1.00 - 1.99	1322	1793	.	.	.	.	.	.	.	.	3115
2.00 - 2.99	.	609	.	.	.	.	.	.	.	.	609
3.00 - 3.99	.	31	16	.	.	.	.	.	.	.	47
4.00 - 4.99	.	.	3	.	.	.	.	.	.	.	3
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3931	2433	19	0	0	0	0	0	0	0	6383

STATION: 97 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	17272	2857	7258	5094	2073	283	24	1	.	.	34862
1.00 - 1.99	5346	8539	1910	1604	869	148	8	.	.	.	18424
2.00 - 2.99	.	1908	1164	502	232	31	.	.	.	.	3837
3.00 - 3.99	.	56	584	187	81	22	.	.	.	.	930
4.00 - 4.99	.	.	100	111	49	7	.	.	.	.	267
5.00 - 5.99	.	.	2	40	29	8	.	.	.	.	79
6.00 - 6.99	.	.	.	1	21	4	.	.	.	.	26
7.00 - 7.99	.	.	.	.	6	5	.	.	.	.	11
8.00 - 8.99	.	.	.	.	.	3	1	.	.	.	4
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	22618	13360	11018	7539	3360	511	33	1	0	0	58440

STATION: 97

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	166	140	185	236	340	318	338	410	358	206	180	159	3036
2.50 - 4.99	1116	1158	1282	1783	2320	2383	2836	2783	2341	1899	1433	1233	22567
5.00 - 7.49	955	915	1030	1165	1315	1327	1228	1265	1202	1229	1066	893	13590
7.50 - 9.99	1005	1038	1279	1082	866	726	540	457	730	1031	906	918	10578
10.00 - 12.49	734	593	633	330	88	41	18	41	124	375	606	710	4293
12.50 - 14.99	661	444	389	154	21	5	.	4	42	176	467	701	3064
15.00 - 17.49	146	117	67	33	3	.	.	.	2	33	78	174	653
17.50 - 19.99	111	93	87	16	7	.	.	.	1	8	47	131	501
20.00 - GREATER	66	22	8	1						3	17	41	158
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.00 N, LONG: 70.50 W, DEPTH: 37 M

STATION: 97

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION	WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	666	575	676	626	393	279	233	363	512	537	559	669	6088
22.50 - 67.49	(45.0)	337	403	446	267	265	189	103	223	372	364	393	408	3770
67.50 - 112.49	(90.0)	213	291	330	226	213	157	94	124	308	303	249	364	2872
112.50 - 157.49	(135.0)	258	329	402	371	425	311	186	211	324	331	325	349	3822
157.50 - 202.49	(180.0)	396	332	430	617	728	765	716	564	570	543	744	484	6889
202.50 - 247.49	(225.0)	630	473	465	690	1117	1438	1616	1421	960	941	671	631	11053
247.50 - 292.49	(270.0)	1115	912	903	1071	1070	1095	1389	1297	965	1099	975	892	12783
292.50 - 337.49	(315.0)	1345	1205	1308	932	749	566	623	757	789	842	884	1163	11163
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 97

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.16	1.02	1.11	0.84	0.66	0.68	0.61	0.62	0.71	0.86	0.99	1.15	0.95
1957	1.08	0.93	1.02	0.87	0.59	0.63	0.53	0.47	0.63	0.88	1.12	1.36	0.84
1958	1.71	1.25	1.50	1.35	0.84	0.76	0.53	0.61	0.74	1.06	1.08	1.10	1.04
1959	1.33	1.01	1.20	0.79	0.59	0.58	0.62	0.57	0.59	1.06	1.20	1.26	0.90
1960	1.10	1.54	1.27	0.76	0.75	0.77	0.56	0.44	0.71	0.95	1.00	1.17	0.92
1961	1.27	0.99	1.10	0.94	0.87	0.62	0.51	0.49	0.85	1.28	1.19	1.14	0.94
1962	1.08	1.18	1.55	0.89	0.74	0.56	0.55	0.76	0.90	1.04	1.32	1.37	0.99
1963	1.12	1.16	1.15	0.94	0.84	0.59	0.59	0.54	0.96	0.93	1.62	1.19	0.97
1964	1.58	1.36	1.25	0.85	0.79	0.74	0.66	0.68	0.82	0.85	1.06	1.47	1.01
1965	1.52	1.27	0.92	0.81	0.59	0.69	0.58	0.71	0.78	1.00	1.15	1.05	0.92
1966	1.75	1.02	0.99	0.58	0.70	0.60	0.63	0.53	0.81	0.90	1.29	1.37	0.93
1967	1.32	1.33	1.11	1.37	1.16	0.72	0.56	0.56	0.96	0.92	1.19	1.63	1.07
1968	1.45	1.29	1.39	1.10	0.70	0.70	0.61	0.62	0.65	0.92	1.35	1.48	1.02
1969	1.30	2.40	1.42	0.98	0.94	0.71	0.77	0.64	0.78	0.92	1.56	1.81	1.18
1970	1.07	1.25	1.05	0.93	0.91	0.77	0.68	0.67	0.66	0.98	1.19	1.61	0.98
1971	1.18	1.24	1.22	1.02	0.86	0.63	0.65	0.70	0.76	0.83	1.15	1.34	0.96
1972	1.08	1.37	1.24	0.83	1.00	0.93	0.55	0.66	0.96	0.96	1.22	1.35	1.01
1973	1.34	1.40	1.31	1.29	0.89	0.77	0.76	0.57	0.80	0.98	1.11	1.53	1.06
1974	0.99	1.25	1.28	1.09	0.87	0.76	0.61	0.60	0.82	1.01	1.42	1.45	1.01
1975	1.49	1.06	1.41	1.21	0.75	0.86	0.82	0.64	0.89	0.97	1.24	1.93	1.11
MEAN	1.35	1.27	1.23	0.97	0.80	0.70	0.62	0.60	0.79	0.96	1.22	1.39	

STATION: 97

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	8214 9	40 818	5210 9	35 8 9	19 619	16 618	21 618	25 6 3	18 619	25 7 9	39 818	37 817	8214 9
1957	30 7 7	22 529	38 9 9	28 814	1511 9	27 717	16 519	11 421	19 619	22 6 3	31 8 8	38 8 7	38 8 7
1958	49 9 9	49 9 8	6310 9	4210 9	22 811	19 619	15 515	19 716	20 6 0	30 8 7	29 716	29 7 8	6310 9
1959	38 731	25 631	48 910	20 716	15 519	14 617	18 612	13 810	19 536	561213	36 8 7	47 9 9	561213
1960	33 818	5210 9	58 9 5	24 718	16 612	20 714	18 618	16 618	21 612	31 9 8	34 818	52 9 6	58 9 5
1961	47 9 8	571110	361010	33 8 7	231012	17 619	11 520	11 422	31 810	4210 8	37 9 9	40 818	571110
1962	35 814	34 8 8	52 8 5	27 710	17 615	13 519	14 617	24 6 2	35 8 8	35 811	42 7 0	571210	571210
1963	31 630	32 716	35 8 8	23 717	30 813	16 618	16 618	19 616	26 6 4	35 735	641210	37 814	641210
1964	4810 8	32 8 9	32 817	26 718	16 912	21 718	15 519	27 717	29 718	20 532	42 913	46 8 0	4810 8
1965	40 9 8	621112	22 6 3	22 715	18 618	15 519	19 618	19 619	24 716	31 719	34 818	30 719	621112
1966	6411 8	46 8 5	27 715	14 517	16 616	15 520	15 519	12 425	20 813	28 718	401013	38 9 9	6411 8
1967	491010	30 8 9	34 7 3	4612 9	45 8 4	26 7 7	14 519	19 619	27 715	31 719	28 718	5510 8	5510 8
1968	38 8 5	49 8 3	4710 9	31 914	25 712	19 619	21 619	21 619	18 617	24 619	4910 9	37 8 8	4910 9
1969	32 627	7413 9	49 8 4	31 719	29 718	17 617	21 811	13 520	19 711	21 633	35 7 5	711210	7413 9
1970	33 818	38 817	32 716	27 715	27 719	19 619	22 718	22 811	18 617	27 912	35 814	6011 9	6011 9
1971	36 818	39 9 8	5110 9	27 7 8	19 712	14 518	22 718	15 617	18 619	22 618	5410 9	37 818	5410 9
1972	30 719	4810 9	29 718	21 636	30 7 4	33 911	23 718	17 619	481010	29 8 9	40 9 9	36 9 9	481010
1973	32 8 9	42 915	35 7 3	501010	27 716	20 714	23 719	13 713	26 718	381010	30 718	37 914	501010
1974	33 817	30 717	32 813	35 8 8	27 714	22 617	12 534	21 619	30 717	33 818	4510 8	631110	631110
1975	47 8 4	35 815	44 8 6	49 913	32 7 4	23 717	201113	23 6 5	201012	25 6 1	47 8 4	8313 9	8313 9
MAX	8214 9	7413 9	6310 9	501010	45 8 4	33 911	23 719	27 717	481010	561213	641210	8313 9	

MAX Hmo(m): 8.3 MAX Tp(sec): 13. MAX Dp(deg): 90. DATE(gmt): 75122206

MAX WIND SPEED(m/sec): 27. MAX WIND DIRECTION(deg): 350. DATE(gmt): 64120112

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.25 N, LONG: 70.50 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 98

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	588	587	681	939	1111	1230	1607	1660	1046	836	645	611	11541
0.50 - 0.99	1473	1428	1559	1956	2387	2586	2655	2719	2538	2133	1610	1422	24466
1.00 - 1.49	1268	1259	1407	1188	1131	760	584	489	883	1319	1197	1126	12611
1.50 - 1.99	831	701	768	455	246	177	104	80	232	446	745	922	5707
2.00 - 2.49	424	274	312	156	66	39	10	11	67	126	343	474	2302
2.50 - 2.99	220	131	131	56	11	6	.	1	28	63	156	190	993
3.00 - 3.49	93	59	49	34	4	2	.	.	3	27	52	110	433
3.50 - 3.99	29	40	22	12	4	.	.	.	2	4	31	54	198
4.00 - 4.49	15	20	22	4	.	.	.	.	1	.	16	19	97
4.50 - 4.99	3	10	3	.	.	.	.	.	.	5	2	15	38
5.00 - 5.49	5	7	5	.	.	.	.	.	.	1	1	7	26
5.50 - 5.99	2	2	1	.	.	.	.	.	.	.	2	4	11
6.00 - 6.49	2	2	.	.	.	.	.	.	.	.	.	3	7
6.50 - 6.99	4	.	.	.	.	.	.	.	.	.	.	3	7
7.00 - 7.49	3	.	.	.	.	.	.	.	.	.	.	.	3
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 98

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	556	597	616	777	811	960	1253	1358	664	703	562	440	9297
4.0 - 4.9	1246	1122	1292	1263	1157	1380	1186	1191	1198	1391	1043	946	14415
5.0 - 5.9	1054	872	907	542	418	392	373	286	420	710	855	1065	7894
6.0 - 6.9	409	342	394	256	432	468	289	359	344	353	364	380	4390
7.0 - 7.9	243	273	343	313	480	667	706	725	573	423	291	310	5347
8.0 - 8.9	239	262	293	355	733	556	610	537	715	520	329	299	5448
9.0 - 9.9	346	241	301	541	616	263	427	354	484	416	431	282	4702
10.0 - 10.9	343	265	325	425	213	86	89	90	255	227	381	480	3179
11.0 - 11.9	341	269	240	237	78	27	10	48	123	130	375	450	2328
12.0 - 12.9	133	195	165	56	10	1	17	11	24	66	93	214	985
13.0 - 13.9	47	64	52	28	10	.	.	1	.	19	45	73	339
14.0 - 14.9	2	18	27	5	.	.	.	.	.	2	26	21	101
15.0 - 15.9	1	.	3	2	2	.	.	.	.	.	5	.	13
16.0 - 16.9	.	.	1	.	.	.	.	.	.	.	.	.	1
17.0 - 17.9	.	.	1	.	.	.	.	.	.	.	.	.	1
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 98

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	210	161	193	199	93	57	43	70	126	171	165	166	1654
11.25 - 33.74 (22.5)	109	91	79	104	49	37	14	44	57	74	65	70	793
33.75 - 56.24 (45.0)	105	92	108	58	35	28	3	49	38	92	86	106	800
56.25 - 78.74 (67.5)	94	101	144	59	55	51	7	25	56	115	88	113	908
78.75 - 101.24 (90.0)	477	520	665	375	464	186	107	184	424	418	470	481	4771
101.25 - 123.74 (112.5)	792	814	800	987	1081	606	630	688	1348	1021	1036	1250	11053
123.75 - 146.24 (135.0)	579	549	690	881	1059	1226	1365	1249	915	812	585	554	10464
146.25 - 168.74 (157.5)	181	181	178	254	255	316	269	253	148	196	243	200	2674
168.75 - 191.24 (180.0)	248	183	266	338	397	494	447	306	312	310	466	276	4043
191.25 - 213.74 (202.5)	192	117	120	172	287	431	480	438	292	274	171	144	3118
213.75 - 236.24 (225.0)	168	108	96	154	262	383	410	404	209	201	151	136	2682
236.25 - 258.74 (247.5)	135	143	87	150	184	260	299	298	132	202	151	121	2162
258.75 - 281.24 (270.0)	415	338	288	301	302	335	454	434	244	389	359	288	4147
281.25 - 303.74 (292.5)	409	440	417	297	166	169	214	213	209	284	328	355	3501
303.75 - 326.24 (315.0)	460	408	492	260	184	142	145	179	172	240	270	375	3327
326.25 - 348.74 (337.5)	386	274	337	211	87	79	73	126	118	161	166	325	2343
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.25 N, LONG: 70.50 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 98 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1854	.	.	.	.	.	.	.	.	.	1854
1.00 - 1.99	818	379	.	.	.	.	.	.	.	.	1197
2.00 - 2.99	.	118	.	.	.	.	.	.	.	.	118
3.00 - 3.99	.	9	1	.	.	.	.	.	.	.	10
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2672	506	1	0	0	0	0	0	0	0	3179

STATION: 98 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	719	95	.	.	.	.	.	.	.	.	814
1.00 - 1.99	95	411	2	.	.	.	.	.	.	.	508
2.00 - 2.99	.	191	15	.	.	.	.	.	.	.	206
3.00 - 3.99	.	.	35	.	.	.	.	.	.	.	35
4.00 - 4.99	.	.	4	.	.	.	.	.	.	.	4
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	814	697	56	0	0	0	0	0	0	0	1567

STATION: 98 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	738	774	1502	1505	1003	132	9	1	.	.	5664
1.00 - 1.99	98	758	726	564	322	44	2	.	.	.	2514
2.00 - 2.99	.	111	303	240	71	15	.	.	.	.	740
3.00 - 3.99	.	.	69	148	58	13	.	.	.	.	288
4.00 - 4.99	.	.	.	52	45	3	.	.	.	.	100
5.00 - 5.99	.	.	.	3	22	6	.	.	.	.	31
6.00 - 6.99	.	.	.	.	6	6	.	.	.	.	12
7.00 - 7.99	.	.	.	.	.	2	1	.	.	.	3
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	836	1643	2600	2512	1527	221	12	1	0	0	9352

STATION: 98 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1218	1713	5853	3880	1144	119	1	.	.	.	13928
1.00 - 1.99	108	1088	1183	1114	473	61	.	.	.	.	4027
2.00 - 2.99	.	97	392	285	115	28	.	.	.	.	917
3.00 - 3.99	.	.	53	79	30	6	.	.	.	.	168
4.00 - 4.99	.	.	.	9	17	4	1	.	.	.	31
5.00 - 5.99	.	.	.	.	6	.	.	.	.	.	6
6.00 - 6.99	.	.	.	.	1	1	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1326	2898	7481	5367	1786	219	2	0	0	0	19079

STATION: 98 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2736	461	.	.	.	.	.	.	.	.	3197
1.00 - 1.99	399	2144	104	.	.	.	.	.	.	.	2647
2.00 - 2.99	.	140	444	.	.	.	.	.	.	.	584
3.00 - 3.99	.	.	94	2	.	.	.	.	.	.	96
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3135	2745	642	2	0	0	0	0	0	0	6524

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.25 N, LONG: 70.50 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 98 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3403	.	.	.	.	.	.	.	.	.	3403
1.00 - 1.99	1370	479	.	.	.	.	.	.	.	.	1849
2.00 - 2.99	.	45	.	.	.	.	.	.	.	.	45
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4773	524	0	0	0	0	0	0	0	0	5297

STATION: 98 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4593	.	.	.	.	.	.	.	.	.	4593
1.00 - 1.99	1605	738	.	.	.	.	.	.	.	.	2343
2.00 - 2.99	.	161	.	.	.	.	.	.	.	.	161
3.00 - 3.99	.	4	.	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6198	903	0	0	0	0	0	0	0	0	7101

STATION: 98 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2554	.	.	.	.	.	.	.	.	.	2554
1.00 - 1.99	1404	1829	.	.	.	.	.	.	.	.	3233
2.00 - 2.99	.	524	.	.	.	.	.	.	.	.	524
3.00 - 3.99	.	15	15	.	.	.	.	.	.	.	30
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3958	2368	15	0	0	0	0	0	0	0	6341

STATION: 98 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	17815	3043	7355	5385	2147	251	10	1	.	.	36007
1.00 - 1.99	5897	7826	2015	1678	795	105	2	.	.	.	18318
2.00 - 2.99	.	1387	1154	525	186	43	.	.	.	.	3295
3.00 - 3.99	.	28	267	229	88	19	.	.	.	.	631
4.00 - 4.99	.	.	4	61	62	7	1	.	.	.	135
5.00 - 5.99	.	.	.	3	28	6	.	.	.	.	37
6.00 - 6.99	.	.	.	.	7	7	.	.	.	.	14
7.00 - 7.99	.	.	.	.	.	2	1	.	.	.	3
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	23712	12284	10795	7881	3313	440	14	1	0	0	58440

STATION: 98

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	145	146	161	228	294	283	285	385	330	194	160	152	2763
2.50 - 4.99	1111	1149	1293	1795	2346	2420	2881	2775	2347	1874	1425	1223	22639
5.00 - 7.49	989	922	1052	1191	1371	1352	1264	1323	1218	1263	1094	914	13953
7.50 - 9.99	1032	1095	1325	1081	845	702	522	441	744	1060	952	968	10767
10.00 - 12.49	737	571	620	319	78	40	8	35	124	370	586	700	4188
12.50 - 14.99	661	446	362	150	18	3	.	1	34	166	461	685	2987
15.00 - 17.49	124	102	77	25	3	.	.	.	2	25	64	167	589
17.50 - 19.99	109	73	63	10	5	.	.	.	1	5	46	122	434
20.00 - GREATER	52	16	7	1	.	.	.	.	.	3	12	29	120
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.25 N, LONG: 70.50 W, DEPTH: 18 M

STATION: 98

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	665	555	679	629	380	285	231	349	500	528	550	678	6029
22.50 - 67.49 (45.0)	325	390	440	267	251	176	87	193	314	350	375	385	3553
67.50 - 112.49 (90.0)	216	290	326	223	206	153	88	99	293	278	251	369	2792
112.50 - 157.49 (135.0)	267	347	408	377	440	297	191	234	341	331	356	359	3948
157.50 - 202.49 (180.0)	422	342	454	619	750	801	720	578	597	592	750	508	7133
202.50 - 247.49 (225.0)	621	460	441	685	1089	1385	1585	1374	945	924	662	607	10778
247.50 - 292.49 (270.0)	1088	890	865	1025	1066	1108	1409	1328	979	1095	973	881	12707
292.50 - 337.49 (315.0)	1356	1246	1347	975	778	595	649	805	831	862	883	1173	11500
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 98

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.89	0.98	1.02	0.81	0.66	0.68	0.61	0.61	0.67	0.81	0.96	1.09	0.90
1957	1.04	0.88	0.96	0.87	0.57	0.62	0.54	0.48	0.63	0.84	1.07	1.31	0.82
1958	1.56	1.17	1.33	1.30	0.82	0.77	0.53	0.62	0.73	1.03	1.07	1.02	1.00
1959	1.29	0.99	1.14	0.76	0.58	0.59	0.63	0.56	0.58	1.03	1.16	1.17	0.88
1960	1.04	1.40	1.20	0.74	0.75	0.76	0.57	0.44	0.70	0.91	1.01	1.13	0.89
1961	1.21	0.94	1.02	0.88	0.84	0.62	0.51	0.48	0.83	1.14	1.11	1.12	0.89
1962	1.07	1.07	1.36	0.88	0.74	0.56	0.56	0.73	0.87	0.99	1.18	1.27	0.94
1963	1.05	1.08	1.11	0.91	0.83	0.57	0.59	0.55	0.86	0.86	1.48	1.14	0.92
1964	1.45	1.28	1.17	0.83	0.79	0.73	0.65	0.68	0.80	0.81	1.02	1.34	0.96
1965	1.39	1.21	0.87	0.77	0.58	0.67	0.58	0.71	0.73	0.99	1.10	1.01	0.88
1966	1.58	0.98	0.95	0.57	0.70	0.61	0.64	0.54	0.81	0.88	1.18	1.27	0.89
1967	1.21	1.27	0.97	1.21	1.03	0.70	0.57	0.56	0.91	0.90	1.13	1.49	0.99
1968	1.35	1.19	1.31	1.03	0.67	0.70	0.61	0.62	0.62	0.91	1.26	1.39	0.97
1969	1.21	1.94	1.30	0.94	0.92	0.72	0.75	0.64	0.76	0.88	1.44	1.64	1.09
1970	0.99	1.26	0.97	0.91	0.90	0.76	0.67	0.66	0.66	0.92	1.12	1.46	0.94
1971	1.11	1.21	1.15	0.92	0.82	0.62	0.64	0.69	0.75	0.81	1.06	1.24	0.92
1972	1.03	1.30	1.17	0.78	0.97	0.93	0.54	0.64	0.91	0.91	1.10	1.27	0.96
1973	1.29	1.23	1.22	1.23	0.85	0.76	0.75	0.57	0.80	0.94	1.09	1.45	1.01
1974	0.94	1.12	1.23	1.02	0.83	0.75	0.60	0.60	0.79	0.93	1.26	1.35	0.95
1975	1.34	0.99	1.24	1.06	0.70	0.82	0.80	0.61	0.84	0.89	1.17	1.68	1.01
MEAN	1.25	1.18	1.14	0.92	0.78	0.70	0.62	0.60	0.76	0.92	1.15	1.29	

STATION: 98

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	731410	37 917	43 9 9	29 810	19 619	15 618	19 616	20 5 3	17 619	22 714	36 817	35 818	731410
1957	27 7 9	21 913	33 9 9	26 814	14 530	27 717	17 618	11 432	18 619	18 5 2	30 817	34 816	34 816
1958	43 910	421010	551110	361010	21 912	19 618	15 515	19 615	17 519	26 8 9	27 716	25 710	551110
1959	34 731	25 631	42 911	19 716	15 619	15 618	17 612	12 912	14 813	501213	33 816	41 910	501213
1960	33 818	451010	511110	23 718	16 613	19 714	17 618	15 618	20 713	25 8 9	34 818	40 7 3	511110
1961	401010	461112	351011	27 7 8	241013	15 619	11 424	11 422	281012	321210	31 911	37 918	461112
1962	33 816	29 810	441312	24 710	17 615	12 421	14 519	21 910	30 8 9	30 812	31 636	511211	511211
1963	29 630	28 816	30 810	22 716	26 813	15 618	15 617	16 616	22 910	31 633	551211	33 814	551211
1964	411010	29 633	32 816	20 716	17 912	20 719	15 812	25 716	29 719	19 532	36 913	35 733	411010
1965	34 9 9	581112	18 6 6	21 715	17 618	13 519	18 618	17 619	23 716	32 817	32 819	27 719	581112
1966	541110	37 910	24 715	15 617	15 616	13 611	15 519	11 424	20 813	25 718	381112	31 911	541110
1967	431112	28 710	27 7 6	361311	38 7 4	22 6 7	14 519	18 718	24 715	30 719	29 718	471010	471010
1968	33 730	4010 9	401011	28 719	20 713	18 619	20 719	23 718	17 714	24 718	441010	32 811	441010
1969	31 627	631210	421010	31 720	27 717	17 617	19 715	13 520	18 913	20 633	31 816	611212	631210
1970	32 818	35 818	29 716	25 813	27 719	19 619	22 718	19 812	17 618	26 912	34 814	5110 9	5110 9
1971	32 817	32 8 9	42 9 9	24 6 7	18 712	14 518	21 618	15 614	17 619	19 610	461010	34 818	461010
1972	28 719	411010	27 718	18 614	25 6 3	30 911	22 718	15 618	41 910	27 7 8	36 910	33 910	41 910
1973	28 7 7	361014	28 9 9	441011	24 716	19 714	20 719	12 712	25 718	34 910	27 717	351012	441011
1974	32 817	28 816	30 814	29 8 9	25 714	22 717	12 534	22 718	27 719	33 818	391112	541212	541212
1975	37 817	33 816	39 915	43 913	26 6 3	22 718	201213	17 6 8	211112	19 5 1	38 7 4	681310	681310
MAX	731410	631210	551110	441011	38 7 4	30 911	22 718	25 716	41 910	501213	551211	681310	

MAX Hmo(m): 7.3 MAX Tp(sec): 14. MAX Dp(deg): 101. DATE(gmt): 56010918

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 315. DATE(gmt): 64120118

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.50 N, LONG: 70.25 W, DEPTH: 18 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 99

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	556	614	718	910	1081	1094	1407	1510	1007	810	642	593	10942
0.50 - 0.99	1491	1383	1508	1932	2325	2574	2740	2799	2538	2084	1597	1424	24395
1.00 - 1.49	1188	1226	1392	1158	1097	843	629	518	862	1298	1123	1081	12415
1.50 - 1.99	907	711	821	502	380	238	170	123	268	515	769	920	6324
2.00 - 2.49	435	339	318	201	61	40	14	10	91	168	406	524	2607
2.50 - 2.99	234	130	114	67	16	10	.	.	26	59	155	202	1013
3.00 - 3.49	97	66	50	22	.	1	.	.	5	14	64	116	435
3.50 - 3.99	27	30	29	4	.	.	.	.	3	4	19	54	170
4.00 - 4.49	12	12	7	4	.	.	.	.	.	3	19	22	79
4.50 - 4.99	5	4	2	.	.	.	.	.	.	4	4	12	31
5.00 - 5.49	8	4	1	.	.	.	.	.	.	1	2	5	21
5.50 - 5.99	.	1	.	.	.	.	.	.	.	.	.	4	5
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	3	3
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 99

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	572	619	686	771	788	831	1052	1163	638	689	570	447	8826
4.0 - 4.9	1183	1078	1258	1124	893	1032	876	1051	1020	1274	947	950	12686
5.0 - 5.9	1063	852	980	648	721	770	746	550	639	842	887	1019	9717
6.0 - 6.9	511	374	417	278	412	463	290	351	326	332	423	443	4620
7.0 - 7.9	206	260	306	283	429	685	717	760	531	418	314	299	5208
8.0 - 8.9	227	257	294	339	787	579	656	563	743	538	302	262	5547
9.0 - 9.9	334	243	278	540	609	309	506	375	480	431	465	313	4883
10.0 - 10.9	361	281	323	448	234	93	82	85	249	228	403	485	3272
11.0 - 11.9	328	245	200	264	68	31	17	46	143	125	349	464	2280
12.0 - 12.9	128	210	142	77	10	7	14	13	31	61	97	205	995
13.0 - 13.9	43	81	51	23	8	.	4	3	.	19	32	56	320
14.0 - 14.9	3	10	17	5	.	.	.	.	.	2	8	17	62
15.0 - 15.9	.	10	5	.	.	.	.	.	.	1	3	.	19
16.0 - 16.9	.	.	.	.	.	.	.	.	.	.	.	.	0
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	1	.	3	.	1	.	.	.	.	.	.	.	5
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 99

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	234	172	237	222	96	58	32	68	110	160	197	178	1764
11.25 - 33.74 (22.5)	137	100	102	108	38	36	17	40	53	83	71	90	875
33.75 - 56.24 (45.0)	73	47	85	35	22	23	.	33	23	63	44	64	512
56.25 - 78.74 (67.5)	57	69	90	58	33	44	3	13	40	79	73	86	645
78.75 - 101.24 (90.0)	123	154	187	104	132	39	17	28	85	172	131	200	1372
101.25 - 123.74 (112.5)	437	519	491	460	534	143	197	291	703	450	560	609	5394
123.75 - 146.24 (135.0)	969	946	1072	1258	1541	1436	1566	1439	1591	1258	1181	1298	15555
146.25 - 168.74 (157.5)	439	474	535	659	681	765	674	689	410	517	454	383	6680
168.75 - 191.24 (180.0)	265	187	259	347	385	447	387	266	311	361	475	292	3982
191.25 - 213.74 (202.5)	272	151	180	225	346	478	518	435	364	298	239	175	3681
213.75 - 236.24 (225.0)	152	101	92	151	236	377	389	408	217	222	162	140	2647
236.25 - 258.74 (247.5)	111	132	79	119	166	235	295	292	119	177	113	109	1947
258.75 - 281.24 (270.0)	363	317	268	267	272	345	405	428	237	395	331	285	3913
281.25 - 303.74 (292.5)	430	423	408	291	188	161	232	226	233	289	309	332	3522
303.75 - 326.24 (315.0)	491	451	489	270	186	135	149	182	178	249	278	397	3455
326.25 - 348.74 (337.5)	407	277	386	226	104	78	79	122	126	187	182	322	2496
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.50 N LONG: 70.25 W DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 99 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2069	.	.	.	.	.	.	.	.	.	2069
1.00 - 1.99	819	384	.	.	.	.	.	.	.	.	1203
2.00 - 2.99	.	108	.	.	.	.	.	.	.	.	108
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2888	492	0	0	0	0	0	0	0	0	3380

STATION: 99 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	669	38	.	.	.	.	.	.	.	.	707
1.00 - 1.99	274	131	.	.	.	.	.	.	.	.	405
2.00 - 2.99	.	80	.	.	.	.	.	.	.	.	80
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	943	252	0	0	0	0	0	0	0	0	1195

STATION: 99 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	715	326	42	1	.	.	.	.	.	.	1084
1.00 - 1.99	102	633	218	20	1	.	.	.	.	.	974
2.00 - 2.99	.	88	192	54	3	.	.	.	.	.	337
3.00 - 3.99	.	1	51	41	8	.	.	.	.	.	101
4.00 - 4.99	.	.	1	14	11	.	.	.	.	.	26
5.00 - 5.99	.	.	.	.	5	4	.	.	.	.	9
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	817	1048	504	130	29	4	0	0	0	0	2532

STATION: 99 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1247	1938	7389	5410	1940	195	4	.	.	.	18123
1.00 - 1.99	106	1167	1564	1859	855	110	4	.	.	.	5665
2.00 - 2.99	.	101	467	555	279	38	8	.	.	.	1448
3.00 - 3.99	.	.	47	169	106	25	3	.	.	.	350
4.00 - 4.99	.	.	.	27	52	5	.	.	.	.	84
5.00 - 5.99	.	.	.	1	12	4	.	.	.	.	17
6.00 - 6.99	.	.	.	.	1	1	.	.	.	.	2
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1353	3206	9467	8021	3245	378	19	0	0	0	25689

STATION: 99 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2277	850	12	.	1	.	.	.	.	.	3140
1.00 - 1.99	226	2650	117	.	.	.	.	.	.	.	2993
2.00 - 2.99	.	254	514	.	.	.	.	.	.	.	768
3.00 - 3.99	.	.	113	4	.	.	.	.	.	.	117
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2503	3754	756	4	1	0	0	0	0	0	7018

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.50 N, LONG: 70.25 W, DEPTH: 18 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 99 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2853	338	.	.	.	.	.	.	.	.	3191
1.00 - 1.99	172	1858	.	.	.	.	.	.	.	.	2030
2.00 - 2.99	.	212	10	.	.	.	.	.	.	.	222
3.00 - 3.99	.	.	5	.	.	.	.	.	.	.	5
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3025	2408	15	0	0	0	0	0	0	0	5448

STATION: 99 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4367	.	.	.	.	.	.	.	.	5	4372
1.00 - 1.99	1427	633	.	.	.	.	.	.	.	.	2060
2.00 - 2.99	.	157	.	.	.	.	.	.	.	.	157
3.00 - 3.99	.	4	.	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5794	794	0	0	0	0	0	0	0	5	6593

STATION: 99 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2651	.	.	.	.	.	.	.	.	.	2651
1.00 - 1.99	1538	1871	.	.	.	.	.	.	.	.	3409
2.00 - 2.99	.	500	.	.	.	.	.	.	.	.	500
3.00 - 3.99	.	12	13	.	.	.	.	.	.	.	25
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4189	2383	13	0	0	0	0	0	0	0	6585

STATION: 99 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	16848	3490	7443	5411	1941	195	4	.	.	5	35337
1.00 - 1.99	4664	9327	1899	1879	856	110	4	.	.	.	18739
2.00 - 2.99	.	1500	1183	609	282	38	8	.	.	.	3620
3.00 - 3.99	.	20	229	214	114	25	3	.	.	.	605
4.00 - 4.99	.	.	1	41	63	5	.	.	.	.	110
5.00 - 5.99	.	.	.	1	17	8	.	.	.	.	26
6.00 - 6.99	.	.	.	.	2	1	.	.	.	.	3
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	21512	14337	10755	8155	3275	382	19	0	0	5	58440

STATION: 99

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	123	129	142	197	237	242	248	346	280	179	141	144	2408
2.50 - 4.99	1091	1147	1296	1800	2372	2433	2845	2739	2366	1815	1420	1231	22555
5.00 - 7.49	995	932	1054	1230	1424	1394	1328	1382	1234	1328	1071	907	14279
7.50 - 9.99	1093	1136	1384	1091	838	690	531	459	775	1079	1036	1007	11119
10.00 - 12.49	745	573	618	316	65	38	8	33	111	367	584	692	4150
12.50 - 14.99	649	437	347	142	18	3	.	1	33	162	438	691	2921
15.00 - 17.49	113	88	60	21	6	.	.	.	1	24	66	149	528
17.50 - 19.99	104	66	55	2	.	.	.	.	.	3	33	115	378
20.00 - GREATER	47	12	4	1	.	.	.	.	.	3	11	24	102
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.50 N, LONG: 70.25 W, DEPTH: 18 M

STATION: 99

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION	WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	678	560	688	645	380	288	220	345	476	509	535	677	6001
22.50 - 67.49	(45.0)	305	340	406	245	243	161	77	184	274	327	361	362	3285
67.50 - 112.49	(90.0)	224	303	337	228	192	150	80	78	256	262	265	369	2744
112.50 - 157.49	(135.0)	268	358	431	391	457	285	172	242	368	322	367	381	4042
157.50 - 202.49	(180.0)	423	355	468	620	762	816	733	569	615	639	761	519	7280
202.50 - 247.49	(225.0)	636	446	422	663	1046	1361	1562	1358	932	922	661	593	10602
247.50 - 292.49	(270.0)	1064	875	816	992	1085	1120	1435	1373	1007	1065	952	854	12638
292.50 - 337.49	(315.0)	1362	1283	1392	1016	795	619	681	811	872	914	898	1205	11848
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 99

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.74	0.99	1.01	0.82	0.70	0.70	0.64	0.63	0.66	0.79	1.00	1.09	0.90
1957	1.09	0.88	0.95	0.93	0.59	0.67	0.57	0.51	0.68	0.84	1.10	1.38	0.85
1958	1.55	1.14	1.20	1.30	0.88	0.81	0.57	0.68	0.79	1.05	1.13	1.01	1.01
1959	1.32	1.04	1.16	0.78	0.60	0.62	0.68	0.58	0.61	1.06	1.19	1.19	0.90
1960	1.06	1.37	1.18	0.79	0.77	0.76	0.62	0.47	0.72	0.94	1.08	1.16	0.91
1961	1.20	0.96	1.03	0.86	0.86	0.67	0.54	0.50	0.84	1.06	1.07	1.14	0.89
1962	1.17	1.04	1.26	0.92	0.75	0.59	0.58	0.73	0.85	1.02	1.17	1.31	0.95
1963	1.05	1.12	1.13	0.92	0.88	0.57	0.61	0.57	0.85	0.87	1.48	1.14	0.93
1964	1.45	1.28	1.19	0.85	0.87	0.77	0.69	0.71	0.85	0.84	1.06	1.30	0.99
1965	1.36	1.25	0.87	0.79	0.62	0.74	0.62	0.76	0.74	1.08	1.14	1.05	0.92
1966	1.54	1.01	0.98	0.59	0.75	0.67	0.69	0.58	0.86	0.91	1.18	1.28	0.92
1967	1.20	1.31	0.96	1.16	0.97	0.72	0.64	0.59	0.91	0.96	1.16	1.48	1.00
1968	1.37	1.17	1.32	1.06	0.70	0.74	0.65	0.66	0.61	0.97	1.26	1.46	1.00
1969	1.23	1.60	1.26	1.00	0.99	0.78	0.78	0.72	0.79	0.91	1.41	1.63	1.09
1970	0.98	1.38	0.96	0.93	0.94	0.82	0.72	0.71	0.68	0.92	1.13	1.43	0.96
1971	1.14	1.28	1.17	0.89	0.81	0.68	0.69	0.73	0.77	0.83	1.08	1.23	0.94
1972	1.10	1.31	1.18	0.77	1.03	1.01	0.56	0.66	0.91	0.96	1.07	1.24	0.98
1973	1.36	1.18	1.18	1.25	0.86	0.79	0.81	0.58	0.84	0.98	1.15	1.52	1.04
1974	0.96	1.11	1.31	1.08	0.82	0.79	0.64	0.63	0.80	0.96	1.24	1.36	0.97
1975	1.31	1.00	1.24	1.04	0.69	0.85	0.86	0.60	0.85	0.90	1.21	1.67	1.02
MEAN	1.26	1.17	1.13	0.94	0.80	0.74	0.66	0.63	0.78	0.94	1.17	1.30	

STATION: 99

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	541310	37 818	37 910	28 7 9	18 616	15 619	17 619	19 913	18 619	22 715	37 818	35 817	541310
1957	26 710	22 914	32 8 9	26 814	15 523	27 716	17 618	12 520	18 718	17 617	31 817	34 816	34 816
1958	401012	411012	501112	311113	22 914	19 618	15 516	19 615	21 621	22 7 9	27 717	25 722	501112
1959	34 731	24 631	41 912	19 716	15 619	15 618	16 714	16 520	16 620	501214	35 816	40 910	501214
1960	33 818	431012	421112	22 718	16 913	19 714	17 618	15 619	21 814	21 8 9	34 818	331013	431012
1961	371214	43 911	341012	24 7 9	271014	16 520	14 523	16 521	321014	25 9 9	28 810	37 917	43 911
1962	32 816	27 7 9	381314	23 710	19 616	15 521	13 427	17 8 9	26 7 9	29 812	30 818	481212	481212
1963	29 631	26 630	29 817	22 716	24 714	15 618	14 618	16 616	20 913	30 634	531112	33 814	531112
1964	391113	29 633	31 816	22 716	17 620	21 619	16 519	24 716	29 719	21 620	351014	33 731	391113
1965	30 812	581114	19 530	20 715	15 618	17 619	20 718	17 619	23 718	32 817	31 818	27 717	581114
1966	501112	32 912	24 625	15 617	16 519	15 521	16 521	15 524	22 622	25 718	431114	28 715	501112
1967	431012	29 719	21 5 2	331313	291011	19 5 8	15 521	17 619	23 715	31 817	30 818	41 9 9	431012
1968	33 731	311113	361012	29 719	20 619	18 712	20 719	24 719	17 714	28 818	421111	30 813	421111
1969	32 627	531212	371012	30 818	27 717	17 618	19 716	17 619	20 619	22 718	32 816	631213	631213
1970	33 818	37 818	29 716	25 914	27 719	19 718	22 718	19 914	18 618	26 913	34 816	481213	481213
1971	34 817	32 814	40 8 9	231015	19 713	16 521	21 618	17 620	17 619	19 621	441012	34 818	441012
1972	28 719	391010	27 914	17 531	20 911	30 912	20 718	16 524	371113	27 719	33 912	32 810	391010
1973	28 7 7	351016	25 714	421013	24 717	19 715	20 719	13 522	25 719	31 911	27 816	351013	421013
1974	31 817	27 717	32 815	27 7 8	25 719	22 718	16 521	22 719	27 718	34 818	331214	541113	541113
1975	37 918	34 816	37 916	42 914	21 5 3	22 718	211214	14 522	25 719	18 812	34 819	601312	601312
MAX	541310	581114	501112	42 914	291011	30 912	22 718	24 719	371113	501214	531112	631213	

MAX Hmo(m): 6.3 MAX Tp(sec): 12. MAX Dp(deg): 130. DATE(gmt): 69122706

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 275. DATE(gmt): 69010206

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.50 N, LONG: 69.75 W, DEPTH: 110 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 100

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	340	340	458	519	578	366	599	815	627	526	391	365	5924
0.50 - 0.99	1211	1277	1304	1721	2182	2625	2874	2933	2450	1858	1448	1284	23167
1.00 - 1.49	1132	1044	1248	1240	1326	1314	1197	940	1097	1322	994	967	13821
1.50 - 1.99	866	766	918	640	591	397	237	213	368	687	773	796	7252
2.00 - 2.49	628	450	511	356	210	68	51	52	153	338	583	617	4017
2.50 - 2.99	395	291	263	185	54	19	2	5	59	138	297	406	2114
3.00 - 3.49	194	170	141	75	6	11	.	2	30	64	170	254	1117
3.50 - 3.99	100	84	49	46	11	.	.	.	10	11	75	134	520
4.00 - 4.49	51	53	35	13	2	.	.	.	4	6	36	57	257
4.50 - 4.99	18	20	22	5	.	.	.	.	2	3	10	39	119
5.00 - 5.49	10	8	8	.	.	.	.	.	.	2	14	19	61
5.50 - 5.99	4	6	3	.	.	.	.	.	.	4	5	9	31
6.00 - 6.49	1	7	.	.	.	.	.	.	.	1	4	4	17
6.50 - 6.99	5	3	.	.	.	.	.	.	.	.	.	4	12
7.00 - 7.49	5	1	.	.	.	.	.	.	.	.	.	3	9
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	2	2
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 100

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	266	253	375	359	334	208	304	478	343	363	296	250	3829
4.0 - 4.9	825	811	907	802	696	768	752	978	869	902	698	650	9658
5.0 - 5.9	955	729	935	652	688	872	807	754	795	901	773	784	9645
6.0 - 6.9	661	520	561	427	564	793	680	656	427	587	644	585	7105
7.0 - 7.9	389	428	454	409	812	1039	1038	994	638	550	463	492	7706
8.0 - 8.9	370	338	404	506	899	673	917	635	802	692	477	423	7136
9.0 - 9.9	487	417	455	748	645	320	364	314	475	505	512	457	5699
10.0 - 10.9	414	409	416	511	239	80	65	94	267	248	465	524	3732
11.0 - 11.9	401	295	249	295	61	45	15	48	160	136	353	503	2561
12.0 - 12.9	156	224	146	69	16	2	9	7	24	47	77	236	1013
13.0 - 13.9	36	82	35	20	5	.	8	2	.	26	36	45	295
14.0 - 14.9	.	9	19	2	1	.	1	.	.	2	5	11	50
15.0 - 15.9	.	5	4	.	.	.	.	.	.	1	1	.	11
16.0 - 16.9	.	.	.	.	.	.	.	.	.	.	.	.	0
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 100

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	181	73	164	109	54	22	17	35	87	113	142	115	1112
11.25 - 33.74 (22.5)	64	63	69	59	21	11	8	24	38	42	56	57	512
33.75 - 56.24 (45.0)	85	75	81	40	26	20	4	34	34	82	71	87	639
56.25 - 78.74 (67.5)	77	96	117	75	48	35	9	30	37	112	95	90	821
78.75 - 101.24 (90.0)	123	146	194	90	106	30	8	26	70	148	128	195	1264
101.25 - 123.74 (112.5)	316	428	374	381	408	88	170	225	672	400	552	566	4580
123.75 - 146.24 (135.0)	604	488	582	624	825	768	783	814	1098	818	669	616	8689
146.25 - 168.74 (157.5)	523	568	621	821	962	876	775	756	703	722	615	735	8677
168.75 - 191.24 (180.0)	866	873	979	1217	1200	1381	1537	1185	526	731	872	801	12168
191.25 - 213.74 (202.5)	201	149	173	200	300	394	430	337	345	268	288	205	3290
213.75 - 236.24 (225.0)	216	131	141	156	250	386	357	390	259	250	171	164	2871
236.25 - 258.74 (247.5)	203	172	139	170	198	282	286	341	221	294	177	173	2656
258.75 - 281.24 (270.0)	425	350	311	281	219	272	294	351	263	390	361	321	3838
281.25 - 303.74 (292.5)	423	410	366	232	164	141	180	191	237	276	295	308	3223
303.75 - 326.24 (315.0)	413	341	439	193	122	61	75	146	135	185	197	337	2644
326.25 - 348.74 (337.5)	240	157	210	152	57	33	27	75	75	129	111	190	1456
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.50 N LONG: 69.75 W DEPTH: 110 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 100 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1212	.	.	.	.	.	.	.	.	.	1212
1.00 - 1.99	577	158	.	.	.	.	.	.	.	.	735
2.00 - 2.99	.	79	.	.	.	.	.	.	.	.	79
3.00 - 3.99	.	5	.	.	.	.	.	.	.	.	5
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1789	242	0	0	0	0	0	0	0	0	2031

STATION: 100 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	508	121	6	.	.	.	.	.	.	.	635
1.00 - 1.99	72	355	21	.	.	.	.	.	.	.	448
2.00 - 2.99	.	149	11	.	.	.	.	.	.	.	160
3.00 - 3.99	.	7	28	.	.	.	.	.	.	.	35
4.00 - 4.99	.	.	10	.	.	.	.	.	.	.	10
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	580	632	76	0	0	0	0	0	0	0	1288

STATION: 100 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	424	201	35	10	11	.	.	.	.	.	681
1.00 - 1.99	67	663	169	18	3	.	.	.	.	.	920
2.00 - 2.99	.	131	284	40	1	.	.	.	.	.	456
3.00 - 3.99	.	.	102	98	1	.	.	.	.	.	201
4.00 - 4.99	.	.	20	52	9	.	.	.	.	.	81
5.00 - 5.99	.	.	.	16	10	.	.	.	.	.	26
6.00 - 6.99	.	.	.	5	13	.	.	.	.	.	18
7.00 - 7.99	.	.	.	.	5	2	.	.	.	.	7
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	491	995	610	239	53	2	0	0	0	0	2390

STATION: 100 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	830	862	4224	2873	1123	93	2	.	.	.	10007
1.00 - 1.99	91	1059	1272	1525	655	50	.	.	.	.	4652
2.00 - 2.99	.	92	637	504	214	24	6	.	.	.	1477
3.00 - 3.99	.	.	90	239	94	13	2	.	.	.	438
4.00 - 4.99	.	.	4	65	67	12	1	.	.	.	149
5.00 - 5.99	.	.	.	10	33	3	.	.	.	.	46
6.00 - 6.99	.	.	.	1	7	2	.	.	.	.	10
7.00 - 7.99	.	.	.	.	4	.	.	.	.	.	4
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	921	2013	6227	5217	2197	197	11	0	0	0	16783

STATION: 100 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1484	2033	3939	1614	350	29	.	.	.	.	9449
1.00 - 1.99	184	2044	2138	1524	522	28	.	.	.	.	6440
2.00 - 2.99	.	112	696	596	276	39	.	.	.	.	1719
3.00 - 3.99	.	.	188	187	145	25	.	.	.	.	545
4.00 - 4.99	.	.	8	49	26	16	.	.	.	.	99
5.00 - 5.99	.	.	.	3	5	8	.	.	.	.	16
6.00 - 6.99	.	.	.	.	.	1	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1668	4189	6969	3973	1324	146	0	0	0	0	18269

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.50 N, LONG: 69.75 W, DEPTH: 110 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 100 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2100	444									2544
1.00 - 1.99	122	2434	72								2628
2.00 - 2.99		175	382								557
3.00 - 3.99			146								146
4.00 - 4.99			23	1							24
5.00 - 5.99				1							1
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	2222	3053	623	2	0	0	0	0	0	0	5900

STATION: 100 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2386	273									2659
1.00 - 1.99	200	2399									2599
2.00 - 2.99		1040	101								1141
3.00 - 3.99		7	207								214
4.00 - 4.99			12								12
5.00 - 5.99			3								3
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	2586	3719	323	0	0	0	0	0	0	0	6628

STATION: 100 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1904										1904
1.00 - 1.99	1326	1325									2651
2.00 - 2.99		542									542
3.00 - 3.99		40	13								53
4.00 - 4.99			1								1
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	3230	1907	14	0	0	0	0	0	0	0	5151

STATION: 100 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10848	3934	8204	4497	1484	122	2				29091
1.00 - 1.99	2639	10437	3672	3067	1180	78					21073
2.00 - 2.99		2320	2111	1140	491	63	6				6131
3.00 - 3.99		59	774	524	240	38	2				1637
4.00 - 4.99			78	167	102	28	1				376
5.00 - 5.99			3	30	48	11					92
6.00 - 6.99				6	20	3					29
7.00 - 7.99					9	2					11
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	13487	16750	14842	9431	3574	345	11	0	0	0	58440

STATION: 100

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	125	122	154	183	233	197	226	311	284	181	149	143	2308
2.50 - 4.99	1040	1080	1219	1785	2304	2420	2818	2745	2300	1795	1347	1153	22006
5.00 - 7.49	979	943	1059	1224	1498	1460	1393	1428	1305	1353	1097	942	14681
7.50 - 9.99	1155	1184	1384	1106	829	686	517	446	785	1087	1116	1055	11350
10.00 - 12.49	767	571	666	325	71	35	6	29	101	346	571	693	4181
12.50 - 14.99	632	449	359	144	20	2		1	25	167	418	699	2916
15.00 - 17.49	113	92	69	25	5					25	66	150	545
17.50 - 19.99	106	67	47	7						6	26	103	362
20.00 - GREATER	43	12	3	1							10	22	91
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.50 N, LONG: 69.75 W, DEPTH: 110 M

STATION: 100

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	673	546	692	629	373	276	201	335	484	508	552	677	5946
22.50 - 67.49 (45.0)	307	358	400	266	243	157	89	177	292	344	374	369	3376
67.50 - 112.49 (90.0)	220	302	341	232	229	161	80	85	274	278	269	365	2836
112.50 - 157.49 (135.0)	276	354	426	391	428	293	171	233	361	317	367	382	3999
157.50 - 202.49 (180.0)	409	350	445	602	753	804	757	596	591	628	721	506	7162
202.50 - 247.49 (225.0)	613	434	440	645	1049	1407	1613	1367	949	874	647	579	10617
247.50 - 292.49 (270.0)	1049	879	843	1040	1106	1117	1415	1384	1017	1125	978	859	12812
292.50 - 337.49 (315.0)	1413	1297	1373	995	779	585	634	783	832	886	892	1223	11692
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 100

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.12	1.25	1.27	1.08	0.81	0.91	0.79	0.76	0.75	0.93	1.18	1.29	1.09
1957	1.30	1.09	1.10	1.22	0.75	0.77	0.70	0.64	0.80	0.94	1.39	1.85	1.05
1958	1.83	1.34	1.39	1.59	1.07	1.02	0.70	0.89	0.91	1.25	1.40	1.28	1.22
1959	1.62	1.35	1.53	1.01	0.71	0.77	0.81	0.71	0.68	1.28	1.47	1.54	1.12
1960	1.26	1.70	1.37	1.11	0.87	0.90	0.79	0.62	0.88	1.15	1.33	1.44	1.12
1961	1.45	1.18	1.26	1.09	1.16	0.89	0.64	0.58	1.05	1.34	1.20	1.45	1.11
1962	1.59	1.28	1.49	1.29	0.84	0.74	0.76	0.90	1.01	1.25	1.45	1.60	1.18
1963	1.31	1.41	1.41	1.07	1.11	0.72	0.82	0.73	0.99	1.02	1.87	1.40	1.15
1964	1.85	1.56	1.54	1.01	1.04	0.93	0.87	0.84	1.03	1.03	1.33	1.54	1.21
1965	1.70	1.54	1.06	0.97	0.73	0.94	0.79	0.94	0.80	1.31	1.36	1.24	1.11
1966	1.82	1.32	1.29	0.75	1.03	0.86	0.87	0.75	1.12	1.13	1.40	1.57	1.16
1967	1.45	1.64	1.20	1.38	1.22	0.84	0.90	0.78	1.05	1.19	1.39	1.76	1.23
1968	1.63	1.49	1.60	1.31	0.88	0.98	0.72	0.74	0.68	1.15	1.53	1.88	1.22
1969	1.50	2.01	1.52	1.29	1.20	0.89	0.91	0.93	0.93	1.06	1.69	1.95	1.35
1970	1.19	1.83	1.27	1.13	1.12	1.01	0.87	0.87	0.79	1.07	1.33	1.66	1.17
1971	1.46	1.70	1.54	1.12	1.04	0.81	0.85	0.90	0.88	1.00	1.24	1.45	1.16
1972	1.37	1.56	1.42	0.96	1.35	1.26	0.69	0.77	1.05	1.14	1.26	1.43	1.19
1973	1.68	1.40	1.37	1.53	1.07	0.91	1.01	0.75	1.00	1.19	1.55	1.89	1.28
1974	1.15	1.28	1.53	1.42	0.99	0.97	0.72	0.75	0.94	1.13	1.54	1.66	1.17
1975	1.55	1.24	1.46	1.22	0.79	1.00	1.12	0.66	0.98	1.05	1.55	2.05	1.22
MEAN	1.54	1.46	1.38	1.18	0.99	0.91	0.82	0.77	0.92	1.13	1.42	1.60	

STATION: 100

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	7413 9	47 919	50 9 8	331118	18 719	16 619	20 718	22 913	18 626	23 913	44 918	47 917	7413 9
1957	29 710	32 728	38 9 9	381218	16 528	29 819	18 619	15 525	20 720	21 628	36 817	41 916	41 916
1958	48 911	44 911	561112	411012	301117	20 626	19 627	20 717	26 724	29 726	33 728	36 729	561112
1959	46 822	30 821	48 912	25 916	17 527	16 618	20 816	15 621	21 622	601214	431016	45 910	601214
1960	40 819	47 911	541111	341118	20 913	18 614	20 918	16 619	28 916	28 8 8	40 820	471012	541111
1961	451114	521013	391012	28 810	421217	17 917	14 624	15 622	431217	35 9 8	36 8 7	47 918	521013
1962	36 816	31 7 8	471314	361117	22 629	17 526	19 624	25 8 9	30 7 8	33 812	351017	621110	621110
1963	41 825	35 728	36 8 8	27 630	26 714	16 525	16 527	23 917	26 816	321015	621111	411317	621111
1964	501114	34 631	37 918	24 627	22 722	24 627	22 915	26 717	341117	26 722	40 914	40 917	501114
1965	38 918	691114	26 720	22 715	17 622	21 622	19 719	24 628	24 721	33 719	40 822	30 633	691114
1966	5910 9	41 910	38 727	201118	26 627	18 621	18 621	17 527	32 724	31 816	521216	40 728	5910 9
1967	531012	34 820	321218	451316	381011	22 6 8	16 621	18 719	28 721	37 819	34 727	501114	531012
1968	421216	43 7 3	441015	38 820	23 917	21 813	19 721	24 720	21 715	33 819	511010	41 821	511010
1969	50 828	721212	471012	39 820	27 718	17 623	22 913	19 720	231014	23 627	391115	751214	751214
1970	36 819	561417	30 716	36 726	29 819	20 720	24 819	301017	23 629	321016	39 917	561113	561113
1971	42 917	441317	49 910	351117	24 815	17 622	19 619	22 626	18 627	24 626	51 9 9	38 820	51 9 9
1972	33 820	461010	31 914	181017	28 9 9	341016	21 719	19 626	451012	30 820	36 810	36 911	461010
1973	31 819	40 916	29 6 3	49 911	26 717	20 715	22 720	16 815	31 722	38 821	35 819	511217	511217
1974	34 819	31 717	34 916	31 918	28 720	23 814	19 720	22 721	33 724	43 919	441113	621010	621010
1975	50 919	46 823	531217	49 914	29 8 8	27 818	26 723	16 5 5	39 821	21 626	43 821	781210	781210
MAX	7413 9	721212	561112	49 914	421217	341016	26 723	301017	451012	601214	621111	781210	

MAX Hmo(m): 7.8 MAX Tp(sec): 12. MAX Dp(deg): 101. DATE(gmt): 75122206

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 305. DATE(gmt): 68010818

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.75 N, LONG: 69.50 W, DEPTH: 27 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 101

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	400	402	528	610	662	449	656	896	770	611	471	423	6878
0.50 - 0.99	1350	1392	1416	1894	2365	2857	3116	3055	2626	2097	1585	1424	25177
1.00 - 1.49	1200	1135	1341	1224	1239	1134	959	846	931	1317	1058	1003	13387
1.50 - 1.99	921	746	936	585	497	279	189	131	290	583	846	884	6887
2.00 - 2.49	560	445	411	293	170	54	40	29	109	237	447	599	3394
2.50 - 2.99	289	203	183	127	23	22	.	3	50	72	217	284	1473
3.00 - 3.49	131	98	87	43	4	5	.	.	16	23	90	179	676
3.50 - 3.99	70	52	40	18	.	.	.	.	7	9	49	87	332
4.00 - 4.49	21	23	11	5	.	.	.	.	1	4	15	41	121
4.50 - 4.99	10	16	7	1	.	.	.	.	.	3	13	19	69
5.00 - 5.49	4	5	.	.	.	.	.	.	.	4	6	8	27
5.50 - 5.99	4	3	.	.	.	.	.	.	.	.	3	5	15
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	4	4
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 101

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	414	442	481	486	503	412	557	814	556	596	450	346	6057
4.0 - 4.9	922	956	1142	921	749	844	662	880	954	1056	876	795	10757
5.0 - 5.9	870	612	805	483	511	637	667	546	593	694	635	795	7848
6.0 - 6.9	386	328	344	306	592	834	763	729	433	442	418	371	5946
7.0 - 7.9	385	317	413	469	897	1096	1101	1042	657	564	424	367	7732
8.0 - 8.9	472	394	452	556	852	628	843	541	764	692	537	483	7214
9.0 - 9.9	516	461	473	728	551	243	292	268	435	436	519	512	5434
10.0 - 10.9	403	387	374	471	224	74	42	76	247	259	481	531	3569
11.0 - 11.9	387	293	261	293	61	27	14	51	134	141	333	464	2459
12.0 - 12.9	163	219	146	62	12	5	9	13	27	55	79	238	1028
13.0 - 13.9	41	92	43	20	7	.	10	.	.	21	38	45	317
14.0 - 14.9	1	9	19	5	1	.	.	.	.	3	8	12	58
15.0 - 15.9	.	10	4	.	.	.	.	.	.	1	2	1	18
16.0 - 16.9	.	.	3	.	.	.	.	.	.	.	.	.	3
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 101

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	235	122	201	168	60	35	18	41	120	164	198	173	1535
11.25 - 33.74 (22.5)	91	101	86	81	39	17	10	45	52	72	69	89	752
33.75 - 56.24 (45.0)	69	64	94	31	21	16	7	36	27	83	65	71	584
56.25 - 78.74 (67.5)	61	58	88	49	37	31	7	17	31	76	68	74	597
78.75 - 101.24 (90.0)	77	87	148	73	93	30	9	10	65	91	99	138	920
101.25 - 123.74 (112.5)	125	181	189	95	138	46	47	97	209	130	129	149	1535
123.75 - 146.24 (135.0)	595	619	571	683	873	614	640	691	1315	956	883	854	9294
146.25 - 168.74 (157.5)	763	717	830	1012	1146	996	914	909	919	862	857	943	10868
168.75 - 191.24 (180.0)	1113	1050	1119	1407	1305	1522	1766	1380	632	884	1061	966	14205
191.25 - 213.74 (202.5)	273	160	202	203	332	431	446	380	376	301	301	232	3637
213.75 - 236.24 (225.0)	195	128	121	144	232	349	327	367	233	288	160	162	2706
236.25 - 258.74 (247.5)	68	93	58	88	125	204	193	221	110	145	77	65	1447
258.75 - 281.24 (270.0)	193	182	139	160	169	237	268	311	202	274	176	144	2455
281.25 - 303.74 (292.5)	294	304	335	213	154	131	162	212	235	240	234	230	2744
303.75 - 326.24 (315.0)	456	397	430	198	149	100	93	143	168	226	258	375	2993
326.25 - 348.74 (337.5)	352	257	349	195	87	41	53	100	106	168	165	295	2168
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.75 N LONG: 69.50 W DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 101 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1659	.	.	.	.	.	.	.	.	.	1659
1.00 - 1.99	783	328	.	.	.	.	.	.	.	.	1111
2.00 - 2.99	.	112	.	.	.	.	.	.	.	.	112
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2442	443	0	0	0	0	0	0	0	0	2885

STATION: 101 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	572	27	1	.	.	.	.	.	.	.	600
1.00 - 1.99	317	143	6	.	.	.	.	.	.	.	466
2.00 - 2.99	.	103	.	.	.	.	.	.	.	.	103
3.00 - 3.99	.	7	.	.	.	.	.	.	.	.	7
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	889	280	7	0	0	0	0	0	0	0	1176

STATION: 101 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	542	143	3	.	.	.	.	.	.	.	688
1.00 - 1.99	117	527	46	.	.	.	.	.	.	.	690
2.00 - 2.99	.	103	107	5	.	.	.	.	.	.	215
3.00 - 3.99	.	.	69	12	.	.	.	.	.	.	81
4.00 - 4.99	.	.	4	20	7	.	.	.	.	.	31
5.00 - 5.99	.	.	.	5	2	.	.	.	.	.	7
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	659	773	229	42	9	0	0	0	0	0	1712

STATION: 101 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	920	1092	3842	2635	1115	107	5	.	.	.	9716
1.00 - 1.99	100	1085	1216	1204	547	69	5	.	.	.	4226
2.00 - 2.99	.	102	514	460	196	21	9	.	.	.	1302
3.00 - 3.99	.	.	91	160	84	16	2	.	.	.	353
4.00 - 4.99	.	.	1	39	47	1	.	.	.	.	88
5.00 - 5.99	.	.	.	5	20	4	.	.	.	.	29
6.00 - 6.99	.	.	.	.	2	2	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1020	2279	5664	4503	2011	220	21	0	0	0	15718

STATION: 101 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1763	2596	4857	1949	463	27	.	.	.	.	11655
1.00 - 1.99	193	2366	2484	1592	628	32	.	.	.	.	7295
2.00 - 2.99	.	138	951	716	276	59	.	.	.	.	2140
3.00 - 3.99	.	.	148	161	81	24	.	.	.	.	414
4.00 - 4.99	.	.	.	33	17	10	.	.	.	.	60
5.00 - 5.99	.	.	.	1	2	3	.	.	.	.	6
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1956	5100	8440	4452	1467	155	0	0	0	0	21570

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.75 N, LONG: 69.50 W, DEPTH: 27 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 101 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1991	539	2	.	.	.	.	.	.	.	2532
1.00 - 1.99	156	1924	201	.	.	.	.	.	.	.	2281
2.00 - 2.99	.	96	281	.	.	.	.	.	.	.	377
3.00 - 3.99	.	.	106	3	.	.	.	.	.	.	109
4.00 - 4.99	.	.	8	3	.	.	.	.	.	.	11
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2147	2559	598	6	0	0	0	0	0	0	5310

STATION: 101 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3130	.	.	.	.	.	.	.	.	.	3130
1.00 - 1.99	966	154	.	.	.	.	.	.	.	.	1120
2.00 - 2.99	.	38	.	.	.	.	.	.	.	.	38
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4096	193	0	0	0	0	0	0	0	0	4289

STATION: 101 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2075	.	.	.	.	.	.	.	.	.	2075
1.00 - 1.99	1530	1555	.	.	.	.	.	.	.	.	3085
2.00 - 2.99	.	580	.	.	.	.	.	.	.	.	580
3.00 - 3.99	.	32	8	.	.	.	.	.	.	.	40
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3605	2167	8	0	0	0	0	0	0	0	5780

STATION: 101 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	12652	4397	8705	4584	1578	134	5	.	.	.	32055
1.00 - 1.99	4162	8082	3953	2796	1175	101	5	.	.	.	20274
2.00 - 2.99	.	1272	1853	1181	472	80	9	.	.	.	4867
3.00 - 3.99	.	43	422	336	165	40	2	.	.	.	1008
4.00 - 4.99	.	.	13	95	71	11	.	.	.	.	190
5.00 - 5.99	.	.	.	11	24	7	.	.	.	.	42
6.00 - 6.99	.	.	.	.	2	2	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16814	13794	14946	9003	3487	375	21	0	0	0	58440

STATION: 101

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	125	120	159	194	222	190	209	287	264	186	153	143	2252
2.50 - 4.99	1016	1052	1166	1738	2262	2369	2758	2680	2231	1773	1295	1084	21424
5.00 - 7.49	975	944	1022	1206	1517	1475	1433	1464	1378	1325	1096	961	14796
7.50 - 9.99	1159	1193	1423	1128	855	726	551	499	774	1115	1131	1059	11613
10.00 - 12.49	756	584	698	363	77	39	9	29	128	364	614	720	4381
12.50 - 14.99	657	453	379	141	26	1	.	1	25	164	406	709	2962
15.00 - 17.49	122	95	64	18	1	.	.	.	.	30	68	165	563
17.50 - 19.99	106	67	48	12	.	.	.	.	.	3	27	101	364
20.00 - GREATER	44	12	1	.	.	.	.	.	.	.	10	18	85
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.75 N, LONG: 69.50 W, DEPTH: 27 M

STATION: 101

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	659	535	697	623	358	261	179	320	487	497	550	668	5834
22.50 - 67.49 (45.0)	306	373	409	282	250	159	106	169	285	346	373	360	3418
67.50 - 112.49 (90.0)	238	294	354	233	239	157	78	91	264	276	290	368	2882
112.50 - 157.49 (135.0)	276	352	424	371	436	305	168	211	362	318	359	385	3967
157.50 - 202.49 (180.0)	407	355	429	607	729	811	771	614	585	619	731	492	7150
202.50 - 247.49 (225.0)	597	416	432	637	1072	1375	1628	1367	937	875	620	583	10539
247.50 - 292.49 (270.0)	1042	885	831	1045	1099	1133	1415	1398	1054	1138	959	853	12852
292.50 - 337.49 (315.0)	1435	1310	1384	1002	777	599	615	790	826	891	918	1251	11798
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 101

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.84	1.12	1.13	0.98	0.77	0.85	0.75	0.69	0.69	0.83	1.08	1.16	0.99
1957	1.20	0.96	1.03	1.08	0.68	0.72	0.66	0.62	0.76	0.87	1.25	1.64	0.95
1958	1.66	1.21	1.24	1.43	0.99	0.89	0.64	0.81	0.85	1.13	1.21	1.11	1.10
1959	1.49	1.24	1.31	0.92	0.65	0.74	0.76	0.66	0.65	1.17	1.32	1.34	1.02
1960	1.18	1.51	1.27	1.00	0.82	0.84	0.75	0.60	0.82	1.00	1.16	1.28	1.02
1961	1.30	1.09	1.18	0.97	1.06	0.83	0.62	0.55	0.95	1.13	1.09	1.30	1.00
1962	1.39	1.16	1.30	1.14	0.78	0.71	0.72	0.82	0.90	1.12	1.33	1.49	1.07
1963	1.22	1.26	1.29	0.99	1.05	0.65	0.75	0.68	0.90	0.91	1.68	1.30	1.05
1964	1.65	1.43	1.38	0.93	0.92	0.84	0.82	0.79	0.93	0.94	1.21	1.40	1.10
1965	1.48	1.37	1.00	0.92	0.70	0.85	0.76	0.86	0.75	1.20	1.28	1.14	1.02
1966	1.63	1.20	1.18	0.71	0.95	0.82	0.83	0.69	1.00	0.97	1.27	1.39	1.05
1967	1.33	1.49	1.10	1.22	1.09	0.79	0.86	0.76	0.95	1.11	1.23	1.60	1.13
1968	1.51	1.30	1.45	1.19	0.82	0.91	0.67	0.69	0.63	1.03	1.40	1.70	1.11
1969	1.28	1.63	1.36	1.19	1.14	0.85	0.86	0.87	0.85	0.95	1.49	1.77	1.18
1970	1.12	1.64	1.10	1.01	1.05	0.97	0.83	0.83	0.73	0.97	1.20	1.51	1.08
1971	1.29	1.53	1.36	1.01	0.99	0.79	0.80	0.81	0.82	0.88	1.16	1.32	1.06
1972	1.26	1.40	1.32	0.89	1.24	1.21	0.67	0.74	0.96	1.05	1.14	1.30	1.10
1973	1.49	1.27	1.25	1.36	1.02	0.87	0.96	0.72	0.91	1.06	1.30	1.72	1.16
1974	1.06	1.18	1.43	1.29	0.93	0.92	0.69	0.71	0.87	1.05	1.37	1.46	1.08
1975	1.35	1.13	1.36	1.12	0.73	0.94	1.04	0.61	0.91	0.96	1.38	1.86	1.12
MEAN	1.39	1.31	1.25	1.07	0.92	0.85	0.77	0.73	0.84	1.02	1.28	1.44	

STATION: 101

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	591212	44 920	38 912	291118	20 719	15 619	19 718	20 914	16 620	21 814	39 918	39 818	591212
1957	27 711	24 817	36 8 9	311117	16 623	27 818	17 519	11 432	21 619	18 530	33 817	39 917	39 917
1958	41 913	39 912	461011	301016	251016	181114	15 515	19 717	23 724	22 7 8	27 917	27 917	461011
1959	43 919	291017	42 913	23 916	15 519	18 618	19 815	14 621	21 622	521215	401116	41 911	521215
1960	38 821	42 913	381214	31 724	18 814	17 614	19 817	16 619	27 916	21 714	38 820	35 816	42 913
1961	37 7 8	45 912	37 810	24 714	331217	16 620	12 519	14 621	371217	241115	34 8 8	42 919	45 912
1962	34 721	25 6 7	35 8 8	331117	18 716	17 622	14 517	19 814	25 7 9	29 810	311017	551012	551012
1963	38 821	30 918	35 8 8	26 630	24 916	14 621	14 522	19 917	25 816	281116	571317	391417	571317
1964	431115	341018	36 919	23 718	21 722	21 720	18 916	23 717	31 819	24 721	38 914	34 917	431115
1965	37 818	591215	21 530	23 815	17 622	20 721	19 719	18 620	23 721	31 719	39 919	28 634	591215
1966	481013	40 921	35 821	171117	201116	17 621	18 620	15 917	33 820	27 916	471216	33 821	481013
1967	46 913	31 710	281217	351315	271114	18 6 8	16 621	17 621	25 721	38 819	29 819	42 9 9	46 913
1968	381118	34 917	391117	36 820	20 917	20 714	20 720	21 720	19 716	30 819	45 910	41 919	45 910
1969	361118	531011	341115	39 919	26 718	17 623	20 716	20 720	211016	21 634	351115	631314	631314
1970	34 819	471417	28 813	33 814	29 819	20 619	24 720	261117	17 618	271016	38 917	491012	491012
1971	41 919	391217	431014	291117	22 816	18 621	18 619	21 722	18 620	24 716	45 910	38 821	45 910
1972	33 819	41 910	30 914	16 716	24 916	301016	21 718	18 719	40 912	30 819	33 815	34 811	41 910
1973	32 918	36 916	26 818	44 913	25 717	20 716	23 721	15 715	28 818	37 919	34 820	471217	471217
1974	33 819	29 716	32 917	28 819	28 819	23 814	20 720	21 720	32 820	39 919	341117	511116	511116
1975	45 919	47 919	461217	45 915	21 5 3	27 818	24 623	14 623	37 821	19 5 1	39 821	601212	601212
MAX	591212	591215	461217	45 915	331217	301016	24 623	261117	40 912	521215	571317	631314	

MAX Hmo(m): 6.3 MAX Tp(sec): 13. MAX Dp(deg): 140. DATE(gmt): 69122712

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 305. DATE(gmt): 68010818

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.75 N, LONG: 69.00 W, DEPTH: 37 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 102

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	294	286	405	462	445	300	433	612	591	472	352	321	4973
0.50 - 0.99	1170	1267	1240	1700	2213	2541	2857	2932	2440	1919	1417	1270	22966
1.00 - 1.49	1198	1060	1296	1244	1315	1380	1298	1084	1103	1252	1065	965	14260
1.50 - 1.99	875	777	911	670	653	463	284	250	409	745	798	851	7686
2.00 - 2.49	633	485	582	389	242	74	82	73	150	328	557	628	4223
2.50 - 2.99	399	282	256	178	73	29	6	8	62	154	300	395	2142
3.00 - 3.49	204	165	130	93	11	12	.	1	29	55	157	227	1084
3.50 - 3.99	91	100	80	38	8	1	.	.	6	19	87	155	585
4.00 - 4.49	47	46	33	19	.	.	.	.	9	6	30	80	270
4.50 - 4.99	28	24	19	6	.	.	.	.	1	4	23	38	143
5.00 - 5.49	9	18	6	1	.	.	.	.	.	3	6	12	55
5.50 - 5.99	2	5	2	.	.	.	.	.	.	2	9	10	23
6.00 - 6.49	5	2	.	.	.	.	.	.	.	1	3	1	12
6.50 - 6.99	2	3	.	.	.	.	.	.	.	.	3	4	12
7.00 - 7.49	3	.	.	.	.	.	.	.	.	.	.	2	5
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	1	1
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 102

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	281	269	360	340	323	196	265	472	364	410	339	261	3880
4.0 - 4.9	894	897	969	897	780	790	799	1053	992	951	805	732	10559
5.0 - 5.9	1046	837	1041	714	734	901	858	846	831	937	859	886	10490
6.0 - 6.9	695	512	622	475	603	865	793	749	472	598	589	609	7582
7.0 - 7.9	389	397	473	450	909	1120	1145	990	640	601	504	489	8107
8.0 - 8.9	394	387	396	515	888	594	790	508	730	612	429	404	6647
9.0 - 9.9	438	383	396	706	484	234	244	236	434	439	483	474	4951
10.0 - 10.9	363	329	346	408	184	72	35	63	195	216	410	460	3081
11.0 - 11.9	312	237	177	234	40	24	15	38	123	127	287	423	2037
12.0 - 12.9	118	180	122	36	7	4	13	5	19	48	66	182	800
13.0 - 13.9	30	75	41	21	8	.	3	.	.	20	17	32	247
14.0 - 14.9	.	10	12	4	.	.	.	.	.	1	11	8	46
15.0 - 15.9	.	7	5	.	.	.	.	.	.	.	.	.	12
16.0 - 16.9	.	.	.	.	.	.	.	.	.	.	1	.	1
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 102

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	191	114	201	158	51	41	15	58	111	148	200	172	1460
11.25 - 33.74 (22.5)	83	66	59	51	38	15	11	45	73	64	67	59	631
33.75 - 56.24 (45.0)	49	47	62	31	22	17	15	27	29	45	62	54	460
56.25 - 78.74 (67.5)	91	135	132	72	67	35	3	35	37	136	110	128	981
78.75 - 101.24 (90.0)	115	123	199	94	101	34	10	19	83	111	122	188	1199
101.25 - 123.74 (112.5)	211	248	274	239	243	53	58	140	415	232	294	314	2721
123.75 - 146.24 (135.0)	563	530	517	586	826	652	635	646	1131	868	781	680	8415
146.25 - 168.74 (157.5)	486	523	629	758	828	802	724	672	682	636	615	749	8104
168.75 - 191.24 (180.0)	841	817	854	1168	1278	1444	1697	1333	559	784	778	694	12247
191.25 - 213.74 (202.5)	227	159	201	284	315	435	509	376	354	265	304	237	3666
213.75 - 236.24 (225.0)	233	147	152	186	292	437	375	456	305	283	207	193	3266
236.25 - 258.74 (247.5)	191	177	144	191	209	286	312	343	229	277	156	145	2660
258.75 - 281.24 (270.0)	420	382	329	331	261	294	319	389	304	457	377	360	4223
281.25 - 303.74 (292.5)	479	454	446	289	219	163	177	205	233	297	333	326	3621
303.75 - 326.24 (315.0)	480	420	506	202	124	57	68	147	189	229	244	436	3102
326.25 - 348.74 (337.5)	300	178	255	160	86	35	32	69	66	128	150	225	1684
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.75 N, LONG: 69.00 W, DEPTH: 37 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 102 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1440	.	.	.	.	.	.	.	.	.	1440
1.00 - 1.99	770	248	.	.	.	.	.	.	.	.	1018
2.00 - 2.99	.	95	.	.	.	.	.	.	.	.	95
3.00 - 3.99	.	8	1	.	.	.	.	.	.	.	9
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2210	351	1	0	0	0	0	0	0	0	2562

STATION: 102 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	536	33	.	.	.	.	.	.	.	.	569
1.00 - 1.99	188	227	20	.	.	.	.	.	.	.	435
2.00 - 2.99	.	34	54	.	.	.	.	.	.	.	88
3.00 - 3.99	.	.	26	1	.	.	.	.	.	.	27
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	724	294	100	1	0	0	0	0	0	0	1119

STATION: 102 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	473	148	3	.	.	.	.	.	.	.	624
1.00 - 1.99	117	689	120	2	.	.	.	.	.	.	928
2.00 - 2.99	.	146	348	8	.	.	.	.	.	.	502
3.00 - 3.99	.	.	151	39	.	.	.	.	.	.	190
4.00 - 4.99	.	.	15	48	3	.	.	.	.	.	66
5.00 - 5.99	.	.	.	14	11	.	.	.	.	.	25
6.00 - 6.99	.	.	.	3	9	.	.	.	.	.	12
7.00 - 7.99	.	.	.	.	3	.	.	.	.	.	3
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	590	983	637	114	26	0	0	0	0	0	2350

STATION: 102 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	792	799	3607	2275	851	87	1	.	.	.	8412
1.00 - 1.99	120	1041	1191	1248	536	51	1	.	.	.	4188
2.00 - 2.99	.	125	614	443	178	25	7	.	.	.	1392
3.00 - 3.99	.	.	117	205	93	15	3	.	.	.	433
4.00 - 4.99	.	.	6	68	50	7	.	.	.	.	131
5.00 - 5.99	.	.	.	11	17	1	.	.	.	.	29
6.00 - 6.99	.	.	.	.	6	1	.	.	.	.	7
7.00 - 7.99	.	.	.	.	1	2	.	.	.	.	3
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	912	1965	5535	4250	1732	189	12	0	0	0	14595

STATION: 102 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1524	2104	4202	1352	265	15	.	.	.	.	9462
1.00 - 1.99	153	2191	2195	1358	440	20	.	.	.	.	6357
2.00 - 2.99	.	125	775	513	228	31	.	.	.	.	1672
3.00 - 3.99	.	.	151	257	102	23	1	.	.	.	534
4.00 - 4.99	.	.	6	90	39	9	.	.	.	.	144
5.00 - 5.99	.	.	.	11	3	4	.	.	.	.	18
6.00 - 6.99	.	.	.	.	2	2	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1677	4420	7329	3581	1079	104	1	0	0	0	18191

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.75 N, LONG: 69.00 W, DEPTH: 37 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 102 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2118	645	6	.	.	.	.	.	.	.	2769
1.00 - 1.99	106	2517	123	.	.	.	.	.	.	.	2746
2.00 - 2.99	.	142	497	1	.	.	.	.	.	.	640
3.00 - 3.99	.	.	138	37	.	.	.	.	.	.	175
4.00 - 4.99	.	.	5	43	.	.	.	.	.	.	48
5.00 - 5.99	.	.	.	4	.	.	.	.	.	.	4
6.00 - 6.99	.	.	.	1	.	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	2224	3304	769	86	0	0	0	0	0	0	6383

STATION: 102 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2442	258	.	.	.	.	.	.	.	.	2700
1.00 - 1.99	234	2789	.	.	.	.	.	.	.	.	3023
2.00 - 2.99	.	1129	102	.	.	.	.	.	.	.	1231
3.00 - 3.99	.	8	242	.	.	.	.	.	.	.	250
4.00 - 4.99	.	.	24	.	.	.	.	.	.	.	24
5.00 - 5.99	.	.	2	.	.	.	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	2676	4184	370	0	0	0	0	0	0	0	7230

STATION: 102 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1963		.	.	.	.	.	.	.	.	1963
1.00 - 1.99	1463	1788	.	.	.	.	.	.	.	.	3251
2.00 - 2.99	.	745	.	.	.	.	.	.	.	.	745
3.00 - 3.99	.	38	13	.	.	.	.	.	.	.	51
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	3426	2571	13	0	0	0	0	0	0	0	6010

STATION: 102 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	11288	3987	7818	3627	1116	102	1	.	.	.	27939
1.00 - 1.99	3151	11490	3649	2608	976	71	1	.	.	.	21946
2.00 - 2.99	.	2541	2390	965	406	56	7	.	.	.	6365
3.00 - 3.99	.	54	839	539	195	38	4	.	.	.	1669
4.00 - 4.99	.	.	56	249	92	16	.	.	.	.	413
5.00 - 5.99	.	.	2	40	31	5	.	.	.	.	78
6.00 - 6.99	.	.	.	4	17	3	.	.	.	.	24
7.00 - 7.99	.	.	.	.	4	2	.	.	.	.	6
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER											0
TOTAL	14439	18072	14754	8032	2837	293	13	0	0	0	58440

STATION: 102

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	96	89	121	147	165	151	153	205	199	144	109	97	1676
2.50 - 4.99	945	959	1017	1597	2094	2231	2642	2603	2106	1746	1182	987	20109
5.00 - 7.49	920	914	1019	1242	1549	1529	1478	1520	1441	1292	1148	965	15017
7.50 - 9.99	1200	1206	1384	1163	986	837	666	588	871	1144	1133	1071	12249
10.00 - 12.49	752	633	794	407	119	47	21	35	148	382	636	726	4700
12.50 - 14.99	724	494	465	192	40	5	.	9	33	197	465	766	3390
15.00 - 17.49	141	122	91	29	7	.	.	.	1	43	67	203	704
17.50 - 19.99	135	86	62	20	.	.	.	.	1	12	49	119	484
20.00 - GREATER	47	17	7	3							11	26	111
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 43.75 N, LONG: 69.00 W, DEPTH: 37 M

STATION: 102

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION	WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	661	541	648	586	371	233	175	289	508	563	563	679	5817
22.50 - 67.49	(45.0)	318	393	408	291	274	195	109	194	306	328	406	373	3595
67.50 - 112.49	(90.0)	244	271	351	224	231	149	77	101	303	270	267	348	2836
112.50 - 157.49	(135.0)	276	342	431	390	427	338	200	206	344	330	399	394	4077
157.50 - 202.49	(180.0)	413	367	409	586	748	815	808	646	585	624	693	481	7175
202.50 - 247.49	(225.0)	560	401	448	652	1073	1389	1668	1383	912	846	600	566	10498
247.50 - 292.49	(270.0)	1038	918	869	1100	1084	1124	1374	1398	1071	1129	909	837	12851
292.50 - 337.49	(315.0)	1450	1287	1396	971	752	557	549	743	771	870	963	1282	11591
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 102

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.05	1.28	1.30	1.06	0.85	0.94	0.82	0.78	0.75	0.92	1.15	1.29	1.10
1957	1.30	1.13	1.16	1.23	0.79	0.76	0.74	0.67	0.84	0.92	1.34	1.84	1.06
1958	1.81	1.34	1.35	1.56	1.07	1.01	0.74	0.92	0.96	1.22	1.40	1.32	1.22
1959	1.61	1.41	1.60	1.03	0.76	0.81	0.85	0.72	0.70	1.30	1.49	1.56	1.15
1960	1.31	1.67	1.36	1.12	0.88	0.92	0.82	0.65	0.91	1.19	1.32	1.5	1.13
1961	1.49	1.18	1.35	1.09	1.24	0.93	0.70	0.62	1.06	1.35	1.17	1.51	1.14
1962	1.65	1.30	1.47	1.34	0.87	0.82	0.82	0.95	1.03	1.29	1.47	1.69	1.22
1963	1.39	1.43	1.47	1.08	1.14	0.75	0.86	0.76	0.99	1.01	1.85	1.50	1.19
1964	1.86	1.63	1.53	1.01	1.04	0.94	0.90	0.89	1.02	1.05	1.37	1.50	1.23
1965	1.72	1.53	1.17	1.03	0.83	1.01	0.83	0.97	0.79	1.33	1.45	1.25	1.16
1966	1.82	1.38	1.37	0.83	1.09	0.92	0.94	0.78	1.13	1.14	1.38	1.62	1.20
1967	1.43	1.71	1.25	1.42	1.28	0.89	0.94	0.87	1.06	1.23	1.38	1.75	1.26
1968	1.67	1.56	1.62	1.38	0.90	1.00	0.73	0.78	0.72	1.20	1.62	1.98	1.26
1969	1.51	1.96	1.53	1.35	1.26	0.91	0.95	0.95	0.94	1.07	1.61	1.93	1.33
1970	1.26	1.86	1.36	1.16	1.14	1.06	0.91	0.93	0.83	1.08	1.34	1.69	1.22
1971	1.49	1.65	1.62	1.17	1.11	0.88	0.89	0.94	0.90	0.97	1.29	1.47	1.20
1972	1.37	1.61	1.45	1.03	1.34	1.32	0.74	0.85	1.09	1.16	1.27	1.41	1.22
1973	1.71	1.43	1.36	1.54	1.11	0.97	1.10	0.81	1.02	1.22	1.59	1.89	1.31
1974	1.16	1.31	1.58	1.46	1.03	1.00	0.76	0.81	0.97	1.15	1.62	1.61	1.20
1975	1.45	1.26	1.44	1.23	0.81	1.06	1.20	0.66	0.97	1.07	1.51	2.00	1.22
MEAN	1.55	1.48	1.42	1.21	1.03	0.94	0.86	0.82	0.93	1.14	1.43	1.61	

STATION: 102

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	7312 9	491020	46 910	31 918	27 720	16 621	24 717	22 914	18 627	26 711	37 918	40 818	7312 9
1957	32 812	34 728	40 910	34 727	19 628	30 818	16 618	14 528	21 620	22 628	36 817	41 917	41 917
1958	431012	44 912	501010	381013	271016	21 626	20 627	23 717	25 626	30 917	38 728	39 728	501010
1959	451018	32 919	44 817	26 816	17 527	17 529	26 715	16 622	22 622	601214	46 922	42 9 9	601214
1960	44 919	48 913	481113	33 823	20 714	19 626	21 818	15 619	32 917	28 7 8	42 920	44 913	481113
1961	461217	45 911	441013	28 810	391116	19 621	16 619	17 622	401217	33 8 7	40 9 8	40 919	461217
1962	38 819	29 711	401314	361017	23 628	21 721	19 626	26 7 7	291114	34 911	39 817	611011	611011
1963	47 919	38 728	42 9 9	25 629	29 714	16 619	17 621	24 626	31 716	281215	661417	54 923	661417
1964	52 828	381118	40 918	26 818	23 722	23 626	20 916	23 816	311017	28 724	461016	35 731	52 828
1965	37 918	661114	28 721	30 816	19 622	22 722	18 624	26 627	21 621	36 824	43 921	29 633	661114
1966	521017	47 923	401018	24 629	27 627	19 621	19 623	17 527	32 823	36 727	471216	451018	521017
1967	49 912	38 919	301218	451315	36 8 7	24 6 7	17 621	24 719	24 718	44 917	35 728	481011	49 912
1968	411218	411217	48 910	40 920	21 917	24 712	18 621	19 721	23 714	35 918	511011	49 922	511011
1969	50 828	681212	421013	41 919	28 819	20 718	22 913	20 721	23 722	24 628	371215	751314	751314
1970	41 919	561018	33 812	42 920	29 820	21 620	27 819	301117	21 628	321013	45 921	551113	561018
1971	451018	421317	551018	311118	26 720	19 721	15 619	24 718	20 627	29 716	49 911	40 822	551018
1972	35 921	441010	34 813	22 628	30 8 8	35 920	22 719	24 719	48 911	33 919	34 814	37 810	48 911
1973	36 812	40 917	28 820	451012	27 818	20 714	26 722	16 815	29 722	38 922	39 726	531019	531019
1974	35 822	31 919	36 915	33 8 9	30 815	27 713	20 721	26 821	40 918	40 921	401215	551016	551016
1975	44 820	541019	571016	521020	26 8 8	31 917	28 722	17 623	44 921	23 6 8	40 922	671110	671110
MAX	7312 9	681212	571016	521020	391116	35 920	28 722	301117	48 911	601214	661417	751314	

MAX Hmo(m): 7.5 MAX Tp(sec): 13. MAX Dp(deg): 140. DATE(gmt): 69122712

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 305. DATE(gmt): 68010818

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.00 N, LONG: 68.50 W, DEPTH: 37 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 103

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	375	370	472	548	513	360	478	710	741	585	444	389	5985
0.50 - 0.99	1252	1364	1299	1777	2268	2660	2926	2960	2521	2048	1470	1315	23860
1.00 - 1.49	1162	1059	1349	1218	1274	1225	1170	1008	981	1202	1071	993	13732
1.50 - 1.99	936	744	920	653	551	424	288	208	309	655	840	903	7431
2.00 - 2.49	587	478	482	339	260	84	88	66	140	277	487	611	3899
2.50 - 2.99	320	241	213	126	74	31	10	7	62	125	222	310	1741
3.00 - 3.49	142	114	113	80	17	14	.	1	27	38	131	173	850
3.50 - 3.99	89	59	63	30	3	2	.	.	12	11	63	126	458
4.00 - 4.49	36	37	25	22	.	.	.	.	5	8	33	65	231
4.50 - 4.99	22	25	16	5	.	.	.	.	2	5	20	36	131
5.00 - 5.49	7	12	7	2	.	.	.	.	.	2	8	19	57
5.50 - 5.99	2	10	1	.	.	.	.	.	.	3	5	9	30
6.00 - 6.49	7	4	.	.	.	.	.	.	.	1	2	6	20
6.50 - 6.99	2	3	.	.	.	.	.	.	.	.	4	2	11
7.00 - 7.49	1	.	.	.	.	.	.	.	.	.	.	1	2
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	1	1
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	1	1
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 103

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	379	396	429	463	432	332	467	716	515	605	428	336	5498
4.0 - 4.9	899	898	1048	853	775	784	646	880	1038	1034	832	794	10481
5.0 - 5.9	900	679	873	548	467	605	574	557	558	627	748	814	7950
6.0 - 6.9	486	342	436	348	622	946	857	852	481	451	403	431	6655
7.0 - 7.9	345	379	446	465	992	1186	1264	1069	692	649	480	400	8367
8.0 - 8.9	422	392	436	584	911	629	825	519	757	706	468	408	7057
9.0 - 9.9	579	432	440	775	509	223	264	248	446	438	556	536	5446
10.0 - 10.9	438	453	435	462	186	74	31	76	183	251	517	574	3680
11.0 - 11.9	339	272	239	237	52	13	16	39	108	138	275	455	2183
12.0 - 12.9	133	186	125	39	7	8	12	4	22	42	59	176	813
13.0 - 13.9	38	76	31	17	7	.	4	.	.	19	23	28	243
14.0 - 14.9	1	8	17	8	.	.	.	.	.	.	10	8	52
15.0 - 15.9	.	7	5	1	.	.	.	.	.	.	1	.	14
16.0 - 16.9	.	.	.	.	.	.	.	.	.	.	.	.	0
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	1	.	.	.	.	.	.	.	.	.	.	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 103

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	249	126	231	159	55	49	21	63	128	188	210	205	1684
11.25 - 33.74 (22.5)	88	79	69	60	40	15	10	57	81	74	81	74	728
33.75 - 56.24 (45.0)	54	69	79	44	21	14	13	32	29	80	70	66	571
56.25 - 78.74 (67.5)	77	108	129	81	65	30	8	21	34	96	93	111	853
78.75 - 101.24 (90.0)	105	105	182	73	90	38	12	19	79	99	113	163	1078
101.25 - 123.74 (112.5)	200	241	225	159	127	43	19	97	299	160	236	223	2029
123.75 - 146.24 (135.0)	477	443	464	593	740	504	529	534	1051	869	746	699	7649
146.25 - 168.74 (157.5)	631	647	701	810	941	824	725	713	850	720	741	780	9083
168.75 - 191.24 (180.0)	1093	1004	1093	1388	1548	1721	2062	1669	741	956	982	945	15202
191.25 - 213.74 (202.5)	332	264	255	391	380	555	577	479	426	351	408	327	4745
213.75 - 236.24 (225.0)	188	153	179	158	231	337	287	357	256	282	162	165	2755
236.25 - 258.74 (247.5)	80	92	55	88	135	189	179	230	118	148	67	63	1444
258.75 - 281.24 (270.0)	180	185	134	164	181	227	250	271	193	276	167	137	2365
281.25 - 303.74 (292.5)	321	299	345	228	163	131	145	178	203	263	257	230	2763
303.75 - 326.24 (315.0)	489	423	478	215	148	77	85	144	190	226	275	439	3189
326.25 - 348.74 (337.5)	396	282	341	189	95	46	38	96	122	172	192	333	2302
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.00 N, LONG: 68.50 W, DEPTH: 37 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 103 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1642	.	.	.	.	.	.	.	.	.	1642
1.00 - 1.99	860	406	.	.	.	.	.	.	.	.	1266
2.00 - 2.99	.	142	.	.	.	.	.	.	.	.	142
3.00 - 3.99	.	8	2	.	.	.	.	.	.	.	10
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2502	556	2	0	0	0	0	0	0	0	3060

STATION: 103 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	541	23	1	.	.	.	.	.	.	.	565
1.00 - 1.99	187	283	1	.	.	.	.	.	.	.	471
2.00 - 2.99	.	115	41	.	.	.	.	.	.	.	156
3.00 - 3.99	.	12	23	.	.	.	.	.	.	.	35
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	728	433	66	0	0	0	0	0	0	0	1227

STATION: 103 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	441	111	1	.	.	.	.	.	.	.	553
1.00 - 1.99	133	693	60	.	.	.	.	.	.	.	886
2.00 - 2.99	.	172	251	1	.	.	.	.	.	.	424
3.00 - 3.99	.	.	106	23	.	.	.	.	.	.	129
4.00 - 4.99	.	.	17	41	.	.	.	.	.	.	58
5.00 - 5.99	.	.	.	28	.	.	.	.	.	.	28
6.00 - 6.99	.	.	.	7	9	.	.	.	.	.	16
7.00 - 7.99	.	.	.	.	1	.	.	.	.	.	1
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	574	976	435	100	10	0	0	0	0	0	2095

STATION: 103 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	768	700	3361	2355	864	101	2	.	.	.	8151
1.00 - 1.99	128	936	993	1044	455	49	1	.	.	.	3606
2.00 - 2.99	.	128	561	438	136	16	9	.	.	.	1288
3.00 - 3.99	.	.	134	186	93	13	2	.	.	.	428
4.00 - 4.99	.	.	5	74	41	3	.	.	.	.	123
5.00 - 5.99	.	.	.	22	13	1	.	.	.	.	36
6.00 - 6.99	.	.	.	.	7	1	.	.	.	.	8
7.00 - 7.99	.	.	.	.	2	.	.	.	.	.	2
8.00 - 8.99	.	.	.	.	.	1	.	.	.	.	1
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	896	1764	5054	4119	1611	185	14	0	0	0	13643

STATION: 103 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1725	2772	5123	1730	351	15	.	.	.	.	11716
1.00 - 1.99	213	2473	2741	1805	573	22	.	.	.	.	7827
2.00 - 2.99	.	162	929	888	292	37	.	.	.	.	2308
3.00 - 3.99	.	.	161	252	110	19	.	.	.	.	542
4.00 - 4.99	.	.	6	102	37	15	.	.	.	.	160
5.00 - 5.99	.	.	.	10	8	.	.	.	.	.	18
6.00 - 6.99	.	.	.	.	4	2	.	.	.	.	6
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1938	5407	8960	4787	1375	110	0	0	0	0	22577

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.00 N LONG: 68.50 W DEPTH: 37 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 103 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1874	619	48	.	.	.	.	.	.	.	2541
1.00 - 1.99	198	1749	419	23	.	.	.	.	.	.	2389
2.00 - 2.99	.	101	367	19	.	.	.	.	.	.	487
3.00 - 3.99	.	.	56	53	.	.	.	.	.	.	109
4.00 - 4.99	.	.	1	19	.	.	.	.	.	.	20
5.00 - 5.99	.	.	.	5	.	.	.	.	.	.	5
6.00 - 6.99	.	.	.	1	.	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2072	2469	891	120	0	0	0	0	0	0	5552

STATION: 103 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2851	.	.	.	.	.	.	.	.	1	2852
1.00 - 1.99	1159	222	.	.	.	.	.	.	.	.	1381
2.00 - 2.99	.	56	1	.	.	.	.	.	.	.	57
3.00 - 3.99	.	2	1	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4010	280	2	0	0	0	0	0	0	1	4293

STATION: 103 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1825	.	.	.	.	.	.	.	.	.	1825
1.00 - 1.99	1434	1903	.	.	.	.	.	.	.	.	3337
2.00 - 2.99	.	778	.	.	.	.	.	.	.	.	778
3.00 - 3.99	.	39	13	.	.	.	.	.	.	.	52
4.00 - 4.99	.	.	1	.	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3259	2720	14	0	0	0	0	0	0	0	5993

STATION: 103 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	11667	4225	8534	4085	1215	116	2	.	.	1	29845
1.00 - 1.99	4312	8665	4214	2872	1028	71	1	.	.	.	21163
2.00 - 2.99	.	1654	2150	1346	428	53	9	.	.	.	5640
3.00 - 3.99	.	61	496	514	203	32	2	.	.	.	1308
4.00 - 4.99	.	.	30	236	78	18	.	.	.	.	362
5.00 - 5.99	.	.	.	65	21	1	.	.	.	.	87
6.00 - 6.99	.	.	.	8	20	3	.	.	.	.	31
7.00 - 7.99	.	.	.	.	3	.	.	.	.	.	3
8.00 - 8.99	.	.	.	.	.	1	.	.	.	.	1
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	15979	14605	15424	9126	2996	295	14	0	0	1	58440

STATION: 103

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	111	119	154	194	216	193	211	277	251	200	142	128	2196
2.50 - 4.99	980	994	1059	1621	2070	2154	2576	2501	2098	1750	1236	1015	20054
5.00 - 7.49	881	894	959	1149	1445	1472	1417	1460	1361	1219	1072	920	14249
7.50 - 9.99	1154	1101	1321	1146	1033	912	721	666	873	1079	1059	993	12058
10.00 - 12.49	728	649	786	413	128	61	34	44	168	430	620	707	4768
12.50 - 14.99	743	508	489	216	58	8	1	12	43	216	524	795	3613
15.00 - 17.49	168	133	112	37	9	.	.	.	5	49	76	234	823
17.50 - 19.99	139	97	72	18	1	.	.	.	1	17	59	133	537
20.00 - GREATER	56	25	8	6	.	.	.	.	.	.	12	35	142
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.00 N, LONG: 68.50 W, DEPTH: 37 M

STATION: 103

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	683	533	668	589	362	246	181	308	503	554	560	681	5868
22.50 - 67.49	(45.0)	313	390	420	317	284	190	113	178	298	325	422	388	3638
67.50 - 112.49	(90.0)	237	267	337	206	210	150	68	99	297	261	257	327	2716
112.50 - 157.49	(135.0)	269	344	416	380	429	325	198	201	324	315	383	387	3971
157.50 - 202.49	(180.0)	433	371	439	624	772	845	845	654	613	647	712	522	7477
202.50 - 247.49	(225.0)	556	412	444	644	1089	1381	1641	1384	933	871	608	558	10521
247.50 - 292.49	(270.0)	1036	893	855	1067	1050	1100	1342	1381	1048	1100	903	802	12577
292.50 - 337.49	(315.0)	1433	1310	1381	973	764	563	572	755	784	887	955	1295	11672
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 103

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.00	1.17	1.22	1.01	0.82	0.90	0.81	0.73	0.70	0.83	1.11	1.22	1.05
1957	1.26	1.01	1.12	1.11	0.72	0.74	0.72	0.67	0.81	0.89	1.27	1.70	1.00
1958	1.74	1.24	1.30	1.50	1.04	0.92	0.69	0.85	0.89	1.14	1.23	1.17	1.14
1959	1.50	1.34	1.40	1.00	0.70	0.81	0.82	0.71	0.66	1.23	1.43	1.44	1.08
1960	1.22	1.54	1.32	1.06	0.87	0.89	0.80	0.64	0.88	1.06	1.17	1.36	1.06
1961	1.40	1.12	1.31	1.02	1.20	0.92	0.69	0.60	1.01	1.23	1.13	1.39	1.09
1962	1.48	1.25	1.36	1.26	0.82	0.81	0.79	0.93	0.95	1.22	1.45	1.66	1.16
1963	1.35	1.31	1.41	1.02	1.15	0.70	0.83	0.72	0.94	0.94	1.78	1.42	1.13
1964	1.72	1.55	1.42	0.96	0.96	0.88	0.90	0.85	0.98	1.01	1.29	1.46	1.16
1965	1.60	1.44	1.11	1.01	0.80	0.94	0.85	0.95	0.77	1.27	1.39	1.20	1.11
1966	1.73	1.28	1.30	0.80	1.05	0.90	0.93	0.74	1.07	0.99	1.33	1.52	1.14
1967	1.39	1.61	1.23	1.36	1.24	0.89	0.97	0.90	1.00	1.22	1.27	1.69	1.23
1968	1.64	1.43	1.55	1.31	0.86	0.95	0.71	0.74	0.68	1.10	1.55	1.85	1.20
1969	1.34	1.85	1.45	1.33	1.25	0.92	0.94	0.91	0.91	0.98	1.55	1.91	1.28
1970	1.19	1.78	1.18	1.08	1.15	1.08	0.92	0.92	0.77	1.04	1.28	1.64	1.17
1971	1.34	1.59	1.49	1.13	1.12	0.89	0.87	0.88	0.83	0.89	1.27	1.38	1.14
1972	1.30	1.49	1.42	1.00	1.33	1.33	0.74	0.82	1.05	1.12	1.24	1.36	1.18
1973	1.57	1.38	1.31	1.43	1.13	0.95	1.08	0.80	0.96	1.12	1.34	1.82	1.24
1974	1.11	1.27	1.52	1.41	1.00	1.00	0.75	0.78	0.93	1.10	1.56	1.51	1.16
1975	1.38	1.18	1.40	1.18	0.81	1.02	1.16	0.64	0.94	1.04	1.44	2.00	1.18
MEAN	1.46	1.39	1.34	1.15	1.00	0.92	0.85	0.79	0.89	1.07	1.35	1.53	

STATION: 103

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	721210	481021	47 910	30 820	25 719	16 619	24 717	22 914	16 619	25 711	37 918	381218	721210
1957	35 812	241019	42 910	321017	18 530	33 818	16 618	13 818	24 720	20 6 5	38 817	42 916	42 916
1958	44 912	45 912	521010	361114	26 916	19 618	15 518	23 717	26 725	23 7 9	29 724	291018	521010
1959	441018	32 819	44 914	26 916	16 623	17 618	25 715	18 621	22 622	631214	481016	46 9 9	631214
1960	42 919	49 913	451114	32 920	19 914	17 714	20 818	15 618	311017	29 713	42 919	471016	49 913
1961	451217	41 8 8	481013	26 7 9	371015	19 620	17 619	19 621	381016	31 6 3	48 9 8	42 918	48 9 8
1962	40 917	28 711	341315	361118	21 716	22 721	19 719	24 815	29 812	34 912	38 817	581012	581012
1963	511017	311019	46 9 9	25 631	29 714	17 619	17 620	22 617	31 716	291115	681417	581022	681417
1964	481114	381218	41 918	28 817	23 722	23 719	21 916	23 716	33 919	23 621	491016	36 732	491016
1965	37 918	681114	24 816	33 816	21 621	23 722	19 723	20 723	25 717	33 725	42 920	31 820	681114
1966	521011	541120	381019	18 816	22 623	20 721	21 623	17 620	33 921	291017	451216	44 921	541120
1967	49 912	36 819	291218	501010	331012	22 6 8	18 720	26 719	24 816	46 918	26 819	49 9 9	501010
1968	421317	411017	501011	431019	211016	26 813	22 719	21 719	23 714	28 819	51 910	541018	541018
1969	35 914	671111	391014	44 918	28 819	22 718	23 813	22 721	24 720	22 634	371216	801314	801314
1970	41 919	591018	34 812	431018	32 818	23 619	27 819	301017	20 719	29 915	481018	571011	591018
1971	461019	43 819	531018	291118	28 812	21 720	17 618	24 718	19 621	29 817	541012	40 821	541012
1972	381019	44 910	36 814	20 6 8	28 7 7	38 919	24 718	26 719	49 911	33 819	36 815	37 912	49 911
1973	38 813	40 917	29 819	47 912	29 717	22 714	26 819	18 716	30 820	40 920	421019	521018	521018
1974	35 819	30 716	36 915	35 8 9	32 815	29 713	22 720	28 820	40 918	44 919	38 916	571116	571116
1975	45 918	581118	551016	531019	25 5 2	33 917	27 722	19 721	491019	26 7 8	44 919	631112	631112
MAX	721210	681114	551016	531019	371015	38 919	27 722	301017	491019	631214	681417	801314	

MAX Hmo(m): 8.0 MAX Tp(sec): 13. MAX Dp(deg): 137. DATE(gmt): 69122712

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 305. DATE(gmt): 68010821

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.25 N, LONG: 68.00 W, DEPTH: 37 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 104

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	405	381	488	563	537	367	503	719	851	641	491	415	6361
0.50 - 0.99	1247	1368	1309	1775	2284	2648	2876	2943	2460	2049	1470	1316	23745
1.00 - 1.49	1203	1086	1380	1221	1260	1259	1183	1012	951	1228	1081	1011	13875
1.50 - 1.99	954	736	907	675	533	400	303	213	302	613	845	922	7403
2.00 - 2.49	579	480	460	330	263	82	85	64	140	256	458	598	3795
2.50 - 2.99	293	226	218	116	65	28	10	9	54	112	203	288	1622
3.00 - 3.49	124	110	101	67	15	13	.	.	23	31	123	150	757
3.50 - 3.99	91	46	49	28	3	3	.	.	11	13	61	130	435
4.00 - 4.49	27	38	31	20	.	.	.	.	5	7	32	62	222
4.50 - 4.99	21	24	12	4	.	.	.	.	3	5	17	33	119
5.00 - 5.49	6	12	5	1	.	.	.	.	.	1	13	21	59
5.50 - 5.99	7	9	.	.	.	.	.	.	.	3	.	8	27
6.00 - 6.49	2	2	.	.	.	.	.	.	.	1	2	1	8
6.50 - 6.99	1	2	.	.	.	.	.	.	.	.	4	2	9
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	1	1
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	1	1
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	1	1
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 104

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	391	396	449	467	450	330	466	721	608	647	477	375	5777
4.0 - 4.9	936	951	1086	897	799	825	660	893	1093	1143	899	861	11043
5.0 - 5.9	952	714	898	542	489	616	592	591	533	657	789	864	8237
6.0 - 6.9	460	350	403	358	668	1000	958	901	536	431	393	427	6885
7.0 - 7.9	322	310	405	463	968	1155	1253	1054	682	598	446	355	8011
8.0 - 8.9	416	416	430	583	888	596	746	481	680	697	453	433	6819
9.0 - 9.9	562	407	457	743	459	205	223	218	405	394	550	518	5141
10.0 - 10.9	441	432	423	468	174	59	32	68	143	219	445	537	3441
11.0 - 11.9	331	301	252	224	51	8	13	32	101	115	271	415	2114
12.0 - 12.9	119	156	108	35	6	6	10	1	19	37	47	144	688
13.0 - 13.9	27	74	28	15	7	.	7	.	.	21	21	23	223
14.0 - 14.9	1	9	16	5	1	.	.	.	.	1	9	8	50
15.0 - 15.9	.	4	4	.	.	.	.	.	.	.	.	.	8
16.0 - 16.9	.	.	1	.	.	.	.	.	.	.	.	.	1
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	2	.	.	.	.	.	.	.	.	.	.	.	2
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 104

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	257	133	242	160	59	52	21	64	148	188	218	231	1773
11.25 - 33.74 (22.5)	109	90	76	77	51	15	14	60	88	88	108	90	866
33.75 - 56.24 (45.0)	53	95	103	53	36	24	11	36	35	82	89	97	714
56.25 - 78.74 (67.5)	48	67	98	65	50	18	8	15	36	46	67	76	594
78.75 - 101.24 (90.0)	109	112	161	57	90	39	15	21	74	107	109	160	1054
101.25 - 123.74 (112.5)	118	173	161	82	86	40	7	50	147	95	145	140	1244
123.75 - 146.24 (135.0)	394	357	349	396	495	274	294	355	829	627	578	546	5494
146.25 - 168.74 (157.5)	652	664	754	864	938	808	679	709	922	862	842	816	9510
168.75 - 191.24 (180.0)	1208	1126	1225	1570	1737	1869	2254	1740	910	1010	1087	1077	16813
191.25 - 213.74 (202.5)	334	242	280	428	473	659	698	652	491	402	397	329	5385
213.75 - 236.24 (225.0)	146	142	139	169	232	334	285	343	242	274	144	134	2584
236.25 - 258.74 (247.5)	78	83	50	73	121	185	157	216	127	148	60	58	1356
258.75 - 281.24 (270.0)	216	208	156	172	174	223	240	273	219	323	201	168	2573
281.25 - 303.74 (292.5)	344	316	340	227	169	133	151	187	209	274	277	248	2875
303.75 - 326.24 (315.0)	488	428	478	201	145	82	88	146	194	245	274	438	3207
326.25 - 348.74 (337.5)	406	284	348	206	104	45	38	93	129	189	204	352	2398
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.25 N, LONG: 68.00 W, DEPTH: 37 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 104 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1754	.	.	.	.	.	.	.	.	.	1754
1.00 - 1.99	917	451	.	.	.	.	.	.	.	.	1368
2.00 - 2.99	.	141	.	.	.	.	.	.	.	.	141
3.00 - 3.99	.	9	2	.	.	.	.	.	.	.	11
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2671	601	2	0	0	0	0	0	0	0	3274

STATION: 104 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	615	.	.	.	.	.	.	.	.	.	615
1.00 - 1.99	355	218	.	.	.	.	.	.	.	.	573
2.00 - 2.99	.	158	.	.	.	.	.	.	.	.	158
3.00 - 3.99	.	12	.	.	.	.	.	.	.	.	12
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	970	388	0	0	0	0	0	0	0	0	1358

STATION: 104 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	517	71	2	.	.	.	.	.	.	.	590
1.00 - 1.99	130	560	50	.	.	.	.	.	.	.	740
2.00 - 2.99	.	123	197	.	.	.	.	.	.	.	320
3.00 - 3.99	.	1	109	3	.	.	.	.	.	.	113
4.00 - 4.99	.	.	18	36	.	.	.	.	.	.	54
5.00 - 5.99	.	.	.	33	.	.	.	.	.	.	33
6.00 - 6.99	.	.	.	3	2	.	.	.	.	.	5
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	647	755	376	75	2	0	0	0	0	0	1855

STATION: 104 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	750	530	2577	1842	694	97	.	.	.	.	6490
1.00 - 1.99	130	878	690	742	321	36	4	.	.	.	2801
2.00 - 2.99	.	122	466	306	109	12	5	.	.	.	1020
3.00 - 3.99	.	.	154	134	62	11	.	.	.	.	361
4.00 - 4.99	.	.	6	80	25	.	.	.	.	.	111
5.00 - 5.99	.	.	.	20	5	2	.	.	.	.	27
6.00 - 6.99	.	.	.	.	4	1	.	.	.	.	5
7.00 - 7.99	.	.	.	.	1	1	.	.	.	.	2
8.00 - 8.99	.	.	.	.	.	1	.	.	.	.	1
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	880	1530	3893	3124	1221	161	9	0	0	0	10818

STATION: 104 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1897	3390	5592	2005	405	18	.	.	.	.	13307
1.00 - 1.99	231	2603	3194	2048	614	29	.	.	.	.	8719
2.00 - 2.99	.	178	953	906	374	36	.	.	.	.	2447
3.00 - 3.99	.	.	177	219	130	19	.	.	.	.	545
4.00 - 4.99	.	.	7	113	35	8	.	.	.	.	163
5.00 - 5.99	.	.	.	11	15	.	.	.	.	.	26
6.00 - 6.99	.	.	.	.	5	2	.	.	.	.	7
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2128	6171	9923	5302	1578	112	0	0	0	0	25214

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.25 N, LONG: 68.00 W, DEPTH: 37 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 104 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1873	700	57	1	.	.	.	.	.	.	2631
1.00 - 1.99	198	1697	168	18	.	.	.	.	.	.	2081
2.00 - 2.99	.	94	347	8	.	.	.	.	.	.	449
3.00 - 3.99	.	.	48	43	.	.	.	.	.	.	91
4.00 - 4.99	.	.	1	11	1	.	.	.	.	.	13
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2071	2491	621	81	1	0	0	0	0	0	5265

STATION: 104 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2843	.	.	.	.	.	.	.	.	2	2845
1.00 - 1.99	1298	362	.	.	.	.	.	.	.	.	1660
2.00 - 2.99	.	72	1	.	.	.	.	.	.	.	73
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4141	437	1	0	0	0	0	0	0	2	4581

STATION: 104 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1874	.	.	.	.	.	.	.	.	.	1874
1.00 - 1.99	1438	1898	.	.	.	.	.	.	.	.	3336
2.00 - 2.99	.	809	.	.	.	.	.	.	.	.	809
3.00 - 3.99	.	42	14	.	.	.	.	.	.	.	56
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3312	2749	14	0	0	0	0	0	0	0	6075

STATION: 104 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	12123	4691	8228	3848	1099	115	.	.	.	2	30106
1.00 - 1.99	4697	8667	4102	2808	935	65	4	.	.	.	21278
2.00 - 2.99	.	1697	1964	1220	483	48	5	.	.	.	5417
3.00 - 3.99	.	67	504	399	192	30	.	.	.	.	1192
4.00 - 4.99	.	.	32	240	61	8	.	.	.	.	341
5.00 - 5.99	.	.	.	64	20	2	.	.	.	.	86
6.00 - 6.99	.	.	.	3	11	3	.	.	.	.	17
7.00 - 7.99	.	.	.	.	1	1	.	.	.	.	2
8.00 - 8.99	.	.	.	.	.	1	.	.	.	.	1
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16820	15122	14830	8582	2802	273	9	0	0	2	58440

STATION: 104

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	116	119	154	200	219	197	213	281	265	211	148	134	2257
2.50 - 4.99	989	1001	1067	1620	2063	2148	2574	2493	2083	1746	1243	1011	20038
5.00 - 7.49	859	888	953	1142	1435	1472	1415	1461	1356	1207	1054	912	14154
7.50 - 9.99	1150	1101	1318	1146	1037	912	721	664	874	1080	1062	992	12057
10.00 - 12.49	734	645	786	412	136	59	36	48	169	432	618	715	4790
12.50 - 14.99	752	504	486	218	58	12	1	13	47	218	524	790	3623
15.00 - 17.49	166	137	110	39	11	.	.	.	5	49	79	232	828
17.50 - 19.99	138	96	74	17	1	.	.	.	1	17	59	135	538
20.00 - GREATER	56	29	12	6	.	.	.	.	.	.	13	39	155
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.25 N, LONG: 68.00 W, DEPTH: 37 M

STATION: 104

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	690	528	677	586	365	244	174	315	504	564	553	675	5875
22.50 - 67.49 (45.0)	315	398	415	333	287	192	117	171	294	317	421	389	3649
67.50 - 112.49 (90.0)	237	258	335	208	208	148	69	100	287	259	257	323	2689
112.50 - 157.49 (135.0)	270	340	419	376	424	321	193	196	335	315	377	390	3956
157.50 - 202.49 (180.0)	437	375	442	623	779	862	847	664	605	649	722	523	7528
202.50 - 247.49 (225.0)	552	415	442	637	1080	1367	1646	1379	935	869	597	555	10474
247.50 - 292.49 (270.0)	1030	887	849	1068	1052	1097	1335	1394	1053	1109	905	799	12578
292.50 - 337.49 (315.0)	1429	1319	1381	969	765	569	579	741	787	878	968	1306	11691
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 104

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.90	1.17	1.21	1.00	0.83	0.88	0.82	0.71	0.67	0.79	1.09	1.19	1.02
1957	1.24	0.99	1.09	1.09	0.72	0.72	0.73	0.67	0.80	0.86	1.26	1.67	0.99
1958	1.68	1.23	1.25	1.44	1.02	0.89	0.69	0.85	0.88	1.07	1.21	1.14	1.11
1959	1.48	1.33	1.37	0.99	0.69	0.80	0.82	0.69	0.65	1.20	1.41	1.38	1.07
1960	1.22	1.51	1.30	1.06	0.84	0.87	0.80	0.64	0.85	1.03	1.16	1.32	1.05
1961	1.37	1.12	1.28	1.01	1.19	0.92	0.70	0.60	0.98	1.17	1.10	1.38	1.07
1962	1.45	1.20	1.29	1.25	0.80	0.82	0.79	0.93	0.91	1.19	1.41	1.64	1.14
1963	1.34	1.30	1.40	1.02	1.14	0.70	0.84	0.72	0.92	0.92	1.75	1.41	1.12
1964	1.68	1.52	1.40	0.94	0.94	0.89	0.90	0.86	0.96	0.99	1.29	1.45	1.15
1965	1.57	1.43	1.10	1.00	0.82	0.94	0.86	0.95	0.76	1.26	1.39	1.19	1.11
1966	1.69	1.27	1.29	0.79	1.05	0.90	0.93	0.75	1.05	0.99	1.26	1.48	1.12
1967	1.38	1.58	1.20	1.32	1.22	0.89	0.97	0.92	0.98	1.22	1.24	1.66	1.21
1968	1.61	1.40	1.52	1.29	0.85	0.94	0.70	0.75	0.67	1.08	1.53	1.84	1.18
1969	1.31	1.73	1.41	1.33	1.24	0.91	0.93	0.91	0.88	0.95	1.48	1.88	1.25
1970	1.19	1.74	1.15	1.04	1.14	1.09	0.93	0.92	0.77	1.02	1.23	1.59	1.15
1971	1.31	1.58	1.46	1.10	1.11	0.89	0.89	0.89	0.81	0.86	1.26	1.35	1.12
1972	1.29	1.46	1.41	1.00	1.29	1.32	0.75	0.83	1.04	1.10	1.21	1.32	1.17
1973	1.54	1.34	1.28	1.40	1.14	0.95	1.08	0.80	0.95	1.09	1.33	1.80	1.23
1974	1.10	1.24	1.52	1.41	0.98	0.99	0.76	0.78	0.91	1.10	1.53	1.47	1.15
1975	1.36	1.18	1.39	1.18	0.80	1.03	1.16	0.62	0.90	1.02	1.43	1.96	1.17
MEAN	1.44	1.37	1.32	1.13	0.99	0.92	0.85	0.79	0.87	1.05	1.33	1.51	

STATION: 104

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	6811 9	481119	46 912	30 820	25 719	17 522	24 717	20 915	16 619	25 712	37 918	381218	6811 9
1957	34 813	23 529	41 912	311017	18 530	33 818	16 617	14 917	24 720	20 817	38 817	42 917	42 917
1958	42 913	41 913	51 9 9	321115	24 916	19 619	15 518	23 717	26 725	23 710	29 725	27 721	51 9 9
1959	44 918	31 723	44 915	25 917	16 619	17 618	26 715	18 621	23 621	631214	481016	43 910	631214
1960	42 919	48 913	431116	32 920	19 614	17 614	20 719	15 618	311017	29 714	42 919	471016	48 913
1961	41 814	39 8 9	47 912	24 7 9	371015	19 620	17 619	21 621	351016	29 6 4	45 912	42 918	47 912
1962	39 819	28 712	34 810	351017	21 716	24 721	21 719	22 917	29 812	34 912	38 817	531012	531012
1963	511017	291119	46 911	26 631	30 714	19 619	17 619	22 617	31 716	291115	681417	591119	681417
1964	481012	35 734	41 918	28 818	23 722	23 719	21 917	22 716	33 820	23 621	501016	36 732	501016
1965	37 818	681114	25 816	33 816	22 621	26 821	19 722	20 722	25 718	32 822	42 919	32 819	681114
1966	521012	551120	37 917	191118	22 623	20 721	21 721	18 620	34 922	281017	441014	441018	551120
1967	49 913	38 819	271218	44 911	31 812	21 721	18 621	27 719	27 817	47 918	27 916	501014	501014
1968	391316	431017	481020	431019	211016	26 814	22 720	21 719	25 715	29 819	49 910	551118	551118
1969	37 814	6110 9	40 915	451018	30 819	22 718	23 6 9	22 721	24 720	22 634	351216	801314	801314
1970	41 919	591117	34 812	401018	33 819	23 619	28 819	281017	20 719	29 818	501118	53 910	591117
1971	461018	42 916	511018	261118	27 7 8	21 720	17 618	26 719	19 621	30 716	521014	40 8 8	521014
1972	381019	42 911	36 815	19 534	26 913	38 919	24 718	27 719	48 913	33 819	36 815	36 810	48 913
1973	38 814	42 917	28 815	44 913	29 717	22 714	26 819	19 717	31 918	40 920	431019	501019	501019
1974	35 819	30 716	36 915	36 810	32 816	30 714	22 720	28 820	42 918	44 919	38 915	581116	581116
1975	46 918	581119	541016	531019	24 6 4	34 918	27 722	22 720	48 920	27 7 8	44 919	621119	621119
MAX	6811 9	681114	541016	531019	371015	38 919	28 819	28 820	48 920	631214	681417	801314	

MAX Hmo(m): 8.0 MAX Tp(sec): 13. MAX Dp(deg): 137. DATE(gmt): 69122712

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 305. DATE(gmt): 68010821

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.25 N, LONG: 67.50 W, DEPTH: 91 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 105

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	280	258	389	421	434	254	381	562	737	531	417	339	5003
0.50 - 0.99	1119	1281	1157	1608	2071	2303	2438	2714	2296	1840	1287	1183	21297
1.00 - 1.49	1128	1016	1326	1227	1326	1528	1550	1202	1019	1238	1079	1016	14655
1.50 - 1.99	898	730	889	733	691	583	480	372	439	724	775	809	8123
2.00 - 2.49	703	519	606	410	300	97	96	91	188	335	563	609	4517
2.50 - 2.99	415	314	309	205	112	25	15	16	68	179	325	406	2389
3.00 - 3.49	204	196	119	122	17	6	.	3	31	80	162	245	1185
3.50 - 3.99	106	100	105	47	6	3	.	.	13	14	92	169	655
4.00 - 4.49	48	34	33	18	3	1	.	.	7	8	50	100	302
4.50 - 4.99	31	38	14	8	.	.	.	.	2	5	37	45	180
5.00 - 5.49	21	22	10	1	.	.	.	.	.	2	6	25	87
5.50 - 5.99	2	6	3	.	.	.	.	.	.	2	1	5	19
6.00 - 6.49	4	2	.	.	.	.	.	.	.	1	.	4	11
6.50 - 6.99	1	3	.	.	.	.	.	.	.	1	2	1	8
7.00 - 7.49	.	1	.	.	.	.	.	.	.	.	2	.	3
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	2	2	4
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	1	1
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	1	1
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 105

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	243	224	325	311	279	141	202	428	472	441	361	295	3722
4.0 - 4.9	822	824	941	810	722	694	640	956	1081	1024	799	737	10050
5.0 - 5.9	929	751	858	680	703	892	899	862	801	902	807	860	9944
6.0 - 6.9	680	494	633	483	744	1103	1094	966	659	644	615	589	8704
7.0 - 7.9	406	382	443	482	962	1103	1132	975	621	574	464	445	7989
8.0 - 8.9	406	444	434	542	819	561	697	459	530	575	447	458	6372
9.0 - 9.9	505	425	478	704	487	207	230	225	376	405	502	488	5032
10.0 - 10.9	443	434	422	497	178	67	33	70	138	236	467	522	3507
11.0 - 11.9	352	313	269	237	51	27	15	19	100	110	260	399	2152
12.0 - 12.9	135	152	107	35	8	5	12	.	22	27	53	142	698
13.0 - 13.9	31	70	29	15	7	.	6	.	.	22	21	20	221
14.0 - 14.9	4	7	16	4	.	.	.	.	.	.	4	5	40
15.0 - 15.9	1	.	3	.	.	.	.	.	.	.	.	.	4
16.0 - 16.9	.	.	2	.	.	.	.	.	.	.	.	.	2
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	3	.	.	.	.	.	.	.	.	.	.	.	3
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 105

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	203	101	193	129	52	47	12	61	124	160	169	178	1429
11.25 - 33.74 (22.5)	94	68	86	76	48	7	9	46	97	78	103	77	789
33.75 - 56.24 (45.0)	50	70	79	46	34	29	10	32	36	60	87	78	611
56.25 - 78.74 (67.5)	45	108	116	80	61	21	16	25	44	71	78	86	751
78.75 - 101.24 (90.0)	116	105	136	65	60	41	10	22	77	87	99	148	966
101.25 - 123.74 (112.5)	82	124	134	60	69	26	10	36	92	74	87	111	905
123.75 - 146.24 (135.0)	236	252	222	224	335	173	124	205	534	412	428	386	3531
146.25 - 168.74 (157.5)	428	396	504	583	648	535	474	508	736	704	647	453	6616
168.75 - 191.24 (180.0)	1149	1133	1237	1467	1671	1560	1879	1495	934	1036	1032	1175	15768
191.25 - 213.74 (202.5)	593	546	554	775	796	1152	1246	972	612	440	611	548	8845
213.75 - 236.24 (225.0)	257	175	176	231	355	456	415	488	400	396	245	248	3842
236.25 - 258.74 (247.5)	167	177	123	172	206	286	285	353	268	313	151	146	2647
258.75 - 281.24 (270.0)	432	348	339	336	244	253	244	337	353	451	371	359	4067
281.25 - 303.74 (292.5)	419	399	407	232	203	131	151	192	226	305	302	317	3284
303.75 - 326.24 (315.0)	425	349	408	187	110	52	58	129	191	218	235	417	2779
326.25 - 348.74 (337.5)	264	169	246	137	68	31	17	59	76	155	155	233	1610
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.25 N LONG: 67.50 W DEPTH: 91 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 105 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1493										1493
1.00 - 1.99	805	251									1056
2.00 - 2.99		70									70
3.00 - 3.99											0
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	2298	321	0	0	0	0	0	0	0	0	2619

STATION: 105 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	576	6									582
1.00 - 1.99	374	175	21								570
2.00 - 2.99		101	6								107
3.00 - 3.99		8	1	1							10
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	950	290	28	1	0	0	0	0	0	0	1269

STATION: 105 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	483	60									543
1.00 - 1.99	131	565	26								722
2.00 - 2.99		135	182								317
3.00 - 3.99		1	140	2							143
4.00 - 4.99			48	9							57
5.00 - 5.99			1	17							18
6.00 - 6.99				2	1						3
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	614	761	397	30	1	0	0	0	0	0	1803

STATION: 105 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	557	310	1466	1317	459	52	1				4162
1.00 - 1.99	106	700	368	507	198	23	2				1904
2.00 - 2.99		125	394	157	48	5	3				732
3.00 - 3.99			154	79	15	2					250
4.00 - 4.99			12	56	3	1					72
5.00 - 5.99				14	6						20
6.00 - 6.99				2	3	1					6
7.00 - 7.99					2	1					3
8.00 - 8.99					1						1
9.00 - GREATER											0
TOTAL	663	1135	2394	2132	735	85	6	0	0	0	7150

STATION: 105 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1435	3234	4923	1889	435	33					11949
1.00 - 1.99	172	2313	3832	2457	661	26					9461
2.00 - 2.99		146	925	1191	556	32					2850
3.00 - 3.99			143	340	247	40					770
4.00 - 4.99			12	88	101	25					226
5.00 - 5.99				15	22	14					51
6.00 - 6.99				1	3	2					6
7.00 - 7.99					2	2					4
8.00 - 8.99											0
9.00 - GREATER						1					1
TOTAL	1607	5693	9835	5981	2027	175	0	0	0	0	25318

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.25 N LONG: 67.50 W DEPTH: 91 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 105 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1998	1248	200	26	1	.	.	.	.	.	3473
1.00 - 1.99	140	2684	368	37	14	.	.	.	.	.	3243
2.00 - 2.99	.	161	597	68	27	.	.	.	.	.	853
3.00 - 3.99	.	.	112	185	12	.	.	.	.	.	309
4.00 - 4.99	.	.	6	71	22	.	.	.	.	.	99
5.00 - 5.99	.	.	.	6	8	1	.	.	.	.	15
6.00 - 6.99	.	.	.	1	3	.	.	.	.	.	4
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2138	4093	1283	394	87	1	0	0	0	0	7996

STATION: 105 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2177	219	.	.	.	.	.	.	.	3	2399
1.00 - 1.99	214	2624	.	.	.	.	.	.	.	.	2838
2.00 - 2.99	.	1192	99	.	.	.	.	.	.	.	1291
3.00 - 3.99	.	12	283	.	.	.	.	.	.	.	295
4.00 - 4.99	.	.	26	1	.	.	.	.	.	.	27
5.00 - 5.99	.	.	2	.	.	.	.	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2391	4047	410	1	0	0	0	0	0	3	6852

STATION: 105 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1699	.	.	.	.	.	.	.	.	.	1699
1.00 - 1.99	1412	1572	.	.	.	.	.	.	.	.	2984
2.00 - 2.99	.	686	.	.	.	.	.	.	.	.	686
3.00 - 3.99	.	50	13	.	.	.	.	.	.	.	63
4.00 - 4.99	.	.	1	.	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3111	2308	14	0	0	0	0	0	0	0	5433

STATION: 105 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	10418	5077	6589	3232	895	85	1	.	.	3	26300
1.00 - 1.99	3354	10884	4615	3001	873	49	2	.	.	.	22778
2.00 - 2.99	.	2616	2203	1416	631	37	3	.	.	.	6906
3.00 - 3.99	.	71	846	607	274	42	.	.	.	.	1840
4.00 - 4.99	.	.	105	225	126	26	.	.	.	.	482
5.00 - 5.99	.	.	3	52	36	15	.	.	.	.	106
6.00 - 6.99	.	.	.	6	10	3	.	.	.	.	19
7.00 - 7.99	.	.	.	.	4	3	.	.	.	.	7
8.00 - 8.99	.	.	.	.	1	.	.	.	.	.	1
9.00 - GREATER	.	.	.	.	.	1	.	.	.	.	1
TOTAL	13772	18648	14361	8539	2850	261	6	0	0	3	58440

STATION: 105

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	108	85	150	185	221	185	178	252	244	182	133	117	2040
2.50 - 4.99	965	980	1077	1643	2121	2145	2560	2496	2085	1724	1196	1017	20009
5.00 - 7.49	876	934	954	1167	1390	1503	1482	1487	1377	1245	1048	922	14385
7.50 - 9.99	1215	1188	1334	1117	1035	909	708	668	884	1112	1167	1045	12382
10.00 - 12.49	712	605	799	433	130	49	32	52	161	428	630	712	4743
12.50 - 14.99	743	505	481	199	54	9	.	5	46	217	495	773	3527
15.00 - 17.49	164	110	89	37	9	.	.	.	2	35	70	212	728
17.50 - 19.99	130	92	69	12	.	.	.	.	1	17	51	136	508
20.00 - GREATER	47	21	7	7	.	.	.	.	.	.	10	26	118
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.25 N, LONG: 67.50 W, DEPTH: 91 M

STATION: 105

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	660	533	704	589	359	227	148	284	496	563	542	666	5771
22.50 - 67.49	(45.0)	352	415	438	360	317	211	130	193	326	354	447	416	3959
67.50 - 112.49	(90.0)	246	260	359	228	246	160	88	113	277	254	264	357	2852
112.50 - 157.49	(135.0)	254	304	368	339	364	294	174	186	300	285	377	341	3586
157.50 - 202.49	(180.0)	388	370	407	539	710	755	720	566	522	547	627	445	6596
202.50 - 247.49	(225.0)	591	420	480	692	1112	1498	1783	1464	1025	926	664	614	11269
247.50 - 292.49	(270.0)	1083	956	893	1166	1154	1117	1420	1480	1113	1221	972	879	13454
292.50 - 337.49	(315.0)	1386	1262	1311	887	698	538	497	674	741	810	907	1242	10953
TOTAL		4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 105

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.95	1.35	1.34	1.12	0.91	0.97	0.91	0.76	0.72	0.86	1.17	1.31	1.11
1957	1.34	1.15	1.18	1.26	0.84	0.77	0.83	0.74	0.89	0.89	1.39	1.93	1.10
1958	1.74	1.32	1.25	1.53	1.09	1.00	0.81	0.98	1.00	1.10	1.44	1.34	1.21
1959	1.68	1.55	1.66	1.08	0.79	0.87	0.91	0.73	0.71	1.31	1.54	1.57	1.20
1960	1.37	1.69	1.37	1.24	0.84	0.93	0.89	0.73	0.92	1.20	1.36	1.49	1.17
1961	1.53	1.22	1.39	1.13	1.30	1.05	0.76	0.66	1.05	1.29	1.15	1.59	1.18
1962	1.73	1.28	1.37	1.46	0.86	0.92	0.89	0.98	1.00	1.34	1.52	1.74	1.26
1963	1.51	1.52	1.55	1.12	1.23	0.80	0.97	0.81	0.95	1.02	1.94	1.60	1.25
1964	1.94	1.66	1.60	1.04	1.04	0.99	1.01	0.95	1.05	1.10	1.45	1.54	1.28
1965	1.78	1.61	1.27	1.08	0.93	1.10	0.95	1.07	0.79	1.44	1.52	1.29	1.23
1966	1.82	1.50	1.44	0.88	1.18	0.99	1.03	0.87	1.21	1.20	1.33	1.64	1.26
1967	1.47	1.78	1.31	1.38	1.35	0.95	1.08	1.01	1.01	1.33	1.41	1.78	1.32
1968	1.71	1.59	1.62	1.43	0.92	1.04	0.76	0.82	0.71	1.23	1.66	2.11	1.30
1969	1.51	1.79	1.50	1.48	1.33	0.94	0.96	1.02	0.93	1.05	1.57	1.96	1.33
1970	1.38	1.97	1.42	1.18	1.20	1.17	1.03	1.01	0.88	1.06	1.32	1.67	1.27
1971	1.57	1.82	1.76	1.21	1.19	0.97	1.00	1.02	0.89	0.95	1.35	1.50	1.27
1972	1.45	1.62	1.50	1.13	1.40	1.40	0.82	0.92	1.08	1.19	1.29	1.37	1.26
1973	1.77	1.42	1.35	1.59	1.20	1.02	1.17	0.89	1.07	1.24	1.65	2.00	1.36
1974	1.20	1.34	1.63	1.61	1.07	1.06	0.82	0.84	0.96	1.22	1.72	1.63	1.26
1975	1.49	1.32	1.50	1.29	0.82	1.08	1.30	0.65	0.95	1.08	1.60	2.01	1.26
MEAN	1.60	1.53	1.45	1.26	1.07	1.00	0.94	0.87	0.94	1.16	1.47	1.65	

STATION: 105

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	681110	491122	44 8 9	32 919	26 720	17 619	24 717	20 916	19 627	26 716	38 818	52 829	681110
1957	32 814	36 728	39 812	38 728	21 628	30 819	20 720	16 528	24 721	24 628	38 817	45 917	45 917
1958	431013	381119	45 8 9	331016	271118	20 625	20 626	22 617	27 626	31 727	35 727	421121	45 8 9
1959	521119	341019	461120	28 917	18 919	17 619	24 716	17 621	23 622	691215	511021	43 917	691215
1960	47 919	48 914	471218	37 923	18 816	19 626	22 720	20 919	341018	30 814	44 921	501017	501017
1961	41 814	39 812	44 914	29 7 9	431117	20 620	16 619	19 622	381218	331118	39 810	39 819	44 914
1962	43 917	26 713	32 728	411119	25 629	24 722	21 625	24 916	28 710	32 726	421018	51 913	51 913
1963	541018	43 827	431019	291120	29 816	19 718	18 819	25 628	30 716	32 728	781319	631122	781319
1964	611319	371018	42 919	28 819	24 821	24 720	231017	21 918	33 821	31 822	531016	34 630	611319
1965	39 919	721114	33 726	33 816	22 622	24 822	18 724	27 627	22 722	38 824	441022	30 633	721114
1966	511017	621122	42 728	28 629	29 627	20 722	21 721	18 622	35 923	37 727	451318	511219	621122
1967	44 914	41 728	351318	441319	32 8 8	21 6 8	17 818	26 720	24 818	49 918	38 728	541015	541015
1968	451418	411018	491022	461021	231017	26 814	22 721	19 720	22 717	36 727	46 810	591121	591121
1969	541321	57 9 9	38 814	461021	311018	22 720	22 6 9	22 721	24 722	24 627	37 920	931316	931316
1970	43 920	611018	35 813	431022	30 821	22 620	27 821	321118	24 629	32 726	521021	48 8 8	611018
1971	491120	501019	571018	321119	24 720	21 721	16 618	24 719	21 628	31 819	49 913	41 821	571018
1972	391021	44 916	37 920	24 628	28 913	40 921	22 720	26 719	481018	34 920	34 917	32 7 9	481018
1973	411023	42 917	31 919	471014	27 818	22 720	26 822	18 817	31 919	401023	441021	541118	541118
1974	35 822	34 728	36 916	321018	31 816	27 715	21 721	27 822	44 919	40 921	47 828	541017	541017
1975	45 920	651122	571017	541021	25 8 7	29 818	28 823	18 622	48 922	28 7 9	46 820	611022	651122
MAX	681110	721114	571017	541021	431117	40 921	28 823	321118	48 922	691215	781319	931316	

MAX Hmo(m): 9.3 MAX Tp(sec): 13. MAX Dp(deg): 158. DATE(gmt): 69122712

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 300. DATE(gmt): 68010818

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.25 N, LONG: 66.75 W, DEPTH: 183 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 106

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	254	238	344	363	448	243	358	549	794	525	384	289	4789
0.50 - 0.99	1095	1234	1180	1621	2018	2256	2346	2605	2182	1798	1221	1205	20761
1.00 - 1.49	1167	1019	1331	1220	1384	1519	1607	1256	1027	1239	1156	1011	14936
1.50 - 1.99	870	757	876	743	658	646	526	426	478	667	731	802	8180
2.00 - 2.49	645	491	521	429	300	118	105	90	169	376	503	584	4331
2.50 - 2.99	399	287	326	190	100	11	17	27	80	166	334	391	2328
3.00 - 3.49	259	199	184	109	23	2	1	4	45	89	211	259	1385
3.50 - 3.99	136	131	99	68	24	3	.	3	18	56	120	169	827
4.00 - 4.49	66	83	56	32	4	2	.	.	5	33	70	132	483
4.50 - 4.99	36	39	18	16	1	.	.	.	2	8	43	56	219
5.00 - 5.49	11	24	15	8	.	.	.	.	.	1	18	40	117
5.50 - 5.99	12	12	7	1	.	.	.	.	.	2	2	14	50
6.00 - 6.49	7	5	3	.	.	.	.	.	.	.	2	5	22
6.50 - 6.99	1	1	.	.	.	.	.	.	.	.	.	1	3
7.00 - 7.49	2	.	.	.	.	.	.	.	.	.	2	1	5
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	1	1	2
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	2	.	2
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 106

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	225	211	349	323	294	139	208	425	588	460	371	302	3895
4.0 - 4.9	842	849	918	785	818	679	660	984	1174	1073	876	783	10441
5.0 - 5.9	950	803	924	729	750	1012	954	964	850	907	829	898	10570
6.0 - 6.9	654	503	618	594	895	1338	1277	1202	793	672	609	582	9737
7.0 - 7.9	577	476	578	663	963	1008	1095	874	573	689	643	558	8697
8.0 - 8.9	481	514	496	524	655	373	535	302	337	520	456	526	5719
9.0 - 9.9	403	377	411	591	381	173	169	143	242	322	394	453	4059
10.0 - 10.9	376	349	373	381	133	53	30	51	106	191	359	425	2827
11.0 - 11.9	274	222	182	183	56	17	9	15	97	89	188	311	1643
12.0 - 12.9	148	139	76	17	10	8	17	.	34	20	53	108	630
13.0 - 13.9	23	70	25	10	5	.	6	.	6	17	15	9	186
14.0 - 14.9	6	7	8	.	.	.	.	.	.	.	7	5	33
15.0 - 15.9	.	.	2	.	.	.	.	.	.	.	.	.	2
16.0 - 16.9	.	.	.	.	.	.	.	.	.	.	.	.	0
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	1	.	.	.	.	.	.	.	.	.	.	.	1
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 106

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	204	112	226	110	71	37	7	64	131	187	183	224	1556
11.25 - 33.74 (22.5)	104	101	127	124	63	10	11	39	115	95	135	95	1019
33.75 - 56.24 (45.0)	80	133	126	96	62	31	14	38	65	81	148	105	979
56.25 - 78.74 (67.5)	84	106	112	78	69	39	17	41	60	77	106	103	892
78.75 - 101.24 (90.0)	92	85	140	71	58	33	6	30	60	63	76	124	838
101.25 - 123.74 (112.5)	61	83	99	51	53	25	11	15	68	58	63	89	676
123.75 - 146.24 (135.0)	92	120	118	82	114	48	20	59	171	149	188	166	1327
146.25 - 168.74 (157.5)	227	221	218	276	335	172	219	221	383	432	335	240	3279
168.75 - 191.24 (180.0)	1070	986	1148	1274	1469	1365	1375	1203	977	1003	1060	1080	14010
191.25 - 213.74 (202.5)	704	661	696	1045	1232	1543	1855	1323	849	622	693	696	11919
213.75 - 236.24 (225.0)	331	247	222	323	408	626	588	677	540	461	313	330	5066
236.25 - 258.74 (247.5)	268	293	238	274	330	387	353	490	403	478	296	291	4101
258.75 - 281.24 (270.0)	559	462	465	431	307	270	290	394	447	600	513	454	5192
281.25 - 303.74 (292.5)	399	406	408	242	177	102	131	200	258	267	294	348	3232
303.75 - 326.24 (315.0)	422	336	353	185	121	72	51	119	185	216	241	371	2672
326.25 - 348.74 (337.5)	263	168	264	138	91	40	12	47	88	171	156	244	1682
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.25 N, LONG: 66.75 W, DEPTH: 183 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 106 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1563	.	.	.	.	.	.	.	.	.	1563
1.00 - 1.99	872	260	.	.	.	.	.	.	.	.	1132
2.00 - 2.99	.	95	7	.	.	.	.	.	.	.	102
3.00 - 3.99	.	.	3	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2435	355	10	0	0	0	0	0	0	0	2800

STATION: 106 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	633	71	.	.	.	.	.	.	.	.	704
1.00 - 1.99	112	601	8	.	.	.	.	.	.	.	721
2.00 - 2.99	.	168	120	.	.	.	.	.	.	.	288
3.00 - 3.99	.	1	200	.	.	.	.	.	.	.	201
4.00 - 4.99	.	.	55	2	.	.	.	.	.	.	57
5.00 - 5.99	.	.	2	8	.	.	.	.	.	.	10
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	745	841	385	10	0	0	0	0	0	0	1981

STATION: 106 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	477	9	.	.	.	.	.	.	.	.	486
1.00 - 1.99	177	619	1	.	.	.	.	.	.	.	797
2.00 - 2.99	.	238	40	.	.	.	.	.	.	.	278
3.00 - 3.99	.	11	71	.	.	.	.	.	.	.	82
4.00 - 4.99	.	.	7	.	.	.	.	.	.	.	7
5.00 - 5.99	.	.	.	3	.	.	.	.	.	.	3
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	654	877	119	3	0	0	0	0	0	0	1653

STATION: 106 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	497	118	336	541	214	41	.	.	.	.	1747
1.00 - 1.99	114	584	42	87	53	7	.	.	.	.	887
2.00 - 2.99	.	242	111	3	8	.	.	.	.	.	364
3.00 - 3.99	.	.	111	1	.	.	.	.	.	.	112
4.00 - 4.99	.	.	16	10	.	.	.	.	.	.	26
5.00 - 5.99	.	.	.	1	.	.	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	611	944	616	643	275	48	0	0	0	0	3137

STATION: 106 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1407	3434	3933	1635	393	39	1	.	.	.	10842
1.00 - 1.99	158	2180	3694	2323	638	29	1	.	.	.	9023
2.00 - 2.99	.	158	761	961	497	32	.	.	.	.	2409
3.00 - 3.99	.	.	197	217	222	29	.	.	.	.	665
4.00 - 4.99	.	.	15	96	42	21	.	.	.	.	174
5.00 - 5.99	.	.	.	21	24	11	.	.	.	.	56
6.00 - 6.99	.	.	.	1	6	1	.	.	.	.	8
7.00 - 7.99	.	.	.	.	3	2	.	.	.	.	5
8.00 - 8.99	.	.	.	.	1	1	.	.	.	.	2
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1565	5772	8600	5254	1826	165	2	0	0	0	23184

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.25 N LONG: 66.75 W DEPTH: 183 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 106 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2355	2153	779	222	16	.	.	.	.	.	5525
1.00 - 1.99	152	3313	817	136	31	.	.	.	.	.	4449
2.00 - 2.99	.	127	849	153	74	1	.	.	.	.	1204
3.00 - 3.99	.	.	190	178	13	2	.	.	.	.	383
4.00 - 4.99	.	.	14	121	19	2	.	.	.	.	156
5.00 - 5.99	.	.	.	25	15	.	.	.	.	.	40
6.00 - 6.99	.	.	.	4	3	1	.	.	.	.	8
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2507	5593	2649	839	171	6	0	0	0	0	11765

STATION: 106 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2526	456	.	.	.	.	.	.	.	1	2983
1.00 - 1.99	227	2846	144	.	.	.	.	.	.	.	3217
2.00 - 2.99	.	383	966	.	.	.	.	.	.	.	1349
3.00 - 3.99	.	8	707	3	.	.	.	.	.	.	718
4.00 - 4.99	.	.	214	68	.	.	.	.	.	.	282
5.00 - 5.99	.	.	1	55	1	.	.	.	.	.	57
6.00 - 6.99	.	.	.	9	.	.	.	.	.	.	9
7.00 - 7.99	.	.	.	2	.	.	.	.	.	.	2
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2753	3693	2032	137	1	0	0	0	0	1	8617

STATION: 106 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1700	.	.	.	.	.	.	.	.	.	1700
1.00 - 1.99	1366	1524	.	.	.	.	.	.	.	.	2890
2.00 - 2.99	.	665	.	.	.	.	.	.	.	.	665
3.00 - 3.99	.	43	5	.	.	.	.	.	.	.	48
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3066	2232	5	0	0	0	0	0	0	0	5303

STATION: 106 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	11158	6241	5048	2398	623	80	1	.	.	1	25550
1.00 - 1.99	3178	11927	4706	2546	722	36	1	.	.	.	23116
2.00 - 2.99	.	2076	2854	1117	579	33	.	.	.	.	6659
3.00 - 3.99	.	63	1484	399	235	31	.	.	.	.	2212
4.00 - 4.99	.	.	321	297	61	23	.	.	.	.	702
5.00 - 5.99	.	.	3	113	40	11	.	.	.	.	167
6.00 - 6.99	.	.	.	14	9	2	.	.	.	.	25
7.00 - 7.99	.	.	.	2	3	2	.	.	.	.	7
8.00 - 8.99	.	.	.	.	1	1	.	.	.	.	2
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14336	20307	14416	6886	2273	219	2	0	0	1	58440

STATION: 106

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	93	76	103	172	210	179	158	232	196	151	114	83	1767
2.50 - 4.99	932	943	1083	1615	2075	2074	2485	2420	2085	1665	1125	1013	19515
5.00 - 7.49	919	943	969	1187	1380	1550	1546	1536	1371	1240	1060	917	14618
7.50 - 9.99	1188	1179	1304	1123	1083	949	733	701	914	1164	1199	1073	12610
10.00 - 12.49	693	644	809	404	142	38	38	65	169	442	664	715	4823
12.50 - 14.99	777	499	513	244	62	10	.	6	64	242	501	784	3702
15.00 - 17.49	168	128	112	31	8	.	.	.	1	33	82	199	762
17.50 - 19.99	140	95	63	18	.	.	.	.	.	23	47	153	539
20.00 - GREATER	50	13	4	6	.	.	.	.	.	.	8	23	104
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.25 N, LONG: 66.75 W, DEPTH: 183 M

STATION: 106

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND & CENTER WD(deg)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	652	521	770	555	389	219	125	285	506	557	544	704	5827
22.50 - 67.49 (45.0)	323	410	450	422	330	220	146	162	313	355	439	396	3966
67.50 - 112.49 (90.0)	283	239	364	235	259	181	98	142	296	235	274	351	2957
112.50 - 157.49 (135.0)	254	310	326	339	336	262	152	196	253	290	382	332	3432
157.50 - 202.49 (180.0)	376	370	397	489	678	674	649	534	473	501	604	430	6175
202.50 - 247.49 (225.0)	580	468	508	711	1078	1559	1923	1505	1046	933	645	598	11554
247.50 - 292.49 (270.0)	1093	978	938	1192	1225	1183	1413	1553	1172	1286	1036	961	14030
292.50 - 337.49 (315.0)	1399	1224	1207	857	665	502	454	583	741	803	876	1188	10499
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 106

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.78	1.39	1.36	1.12	0.94	0.97	0.93	0.76	0.73	0.88	1.19	1.32	1.11
1957	1.33	1.26	1.21	1.30	0.91	0.78	0.87	0.75	0.94	0.88	1.38	2.04	1.14
1958	1.62	1.34	1.17	1.48	1.06	0.99	0.86	1.02	1.05	1.05	1.62	1.47	1.23
1959	1.73	1.63	1.84	1.08	0.83	0.86	0.93	0.72	0.74	1.32	1.57	1.64	1.24
1960	1.45	1.73	1.37	1.29	0.78	0.94	0.91	0.77	0.92	1.30	1.46	1.57	1.21
1961	1.57	1.24	1.41	1.17	1.30	1.07	0.76	0.68	1.01	1.37	1.18	1.69	1.21
1962	1.87	1.30	1.44	1.50	0.86	0.95	0.90	1.00	0.99	1.37	1.61	1.71	1.29
1963	1.56	1.65	1.59	1.15	1.22	0.84	1.03	0.84	0.93	1.08	1.97	1.74	1.30
1964	2.05	1.72	1.66	1.07	1.06	1.02	1.02	0.97	1.05	1.14	1.53	1.62	1.33
1965	1.91	1.65	1.34	1.10	0.98	1.16	0.98	1.12	0.81	1.57	1.59	1.37	1.30
1966	1.92	1.62	1.47	0.92	1.21	1.02	1.06	0.89	1.25	1.31	1.33	1.71	1.31
1967	1.48	1.84	1.41	1.48	1.38	0.96	1.09	1.04	0.98	1.37	1.52	1.77	1.36
1968	1.74	1.67	1.60	1.53	0.94	1.03	0.77	0.87	0.72	1.33	1.68	2.26	1.34
1969	1.57	1.81	1.49	1.48	1.34	0.94	0.94	1.05	0.92	1.08	1.58	1.87	1.34
1970	1.48	2.03	1.52	1.24	1.18	1.18	1.06	1.00	0.94	1.08	1.32	1.64	1.30
1971	1.73	1.84	1.91	1.27	1.17	1.00	1.05	1.07	0.88	0.99	1.38	1.62	1.32
1972	1.53	1.65	1.49	1.17	1.42	1.34	0.84	0.97	1.10	1.21	1.35	1.37	1.29
1973	1.85	1.52	1.44	1.59	1.19	1.06	1.18	0.93	1.12	1.30	1.84	2.06	1.42
1974	1.25	1.44	1.67	1.66	1.12	1.08	0.84	0.86	0.97	1.29	1.85	1.67	1.31
1975	1.50	1.35	1.49	1.32	0.84	1.07	1.35	0.66	0.96	1.09	1.69	1.90	1.27
MEAN	1.65	1.58	1.49	1.30	1.09	1.01	0.97	0.90	0.95	1.20	1.53	1.70	

STATION: 106

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	56 9 7	521123	44 826	32 919	24 721	19 619	23 718	191017	26 726	31 728	37 920	63 928	63 928
1957	29 823	45 827	38 827	46 924	23 628	28 720	21 721	18 627	31 728	28 728	39 826	51 926	51 926
1958	35 714	351119	32 7 4	38 8 4	251018	24 726	22 726	24 726	33 825	39 827	46 828	53 927	53 927
1959	581119	45 828	52 926	27 918	19 628	19 719	23 717	15 623	22 623	591217	601218	44 826	601218
1960	48 919	47 926	55 8 5	39 919	16 614	22 726	22 919	21 919	361019	36 826	44 920	51 917	55 8 5
1961	37 827	431118	39 828	32 7 3	461016	20 722	15 621	17 622	37 917	43 8 6	31 727	42 828	461016
1962	45 917	32 7 3	40 828	421020	30 728	24 722	24 725	31 7 6	32 7 5	42 826	53 9 5	48 921	53 9 5
1963	601024	52 926	471022	33 728	31 716	22 718	20 819	30 825	28 725	38 827	841319	641320	841319
1964	711026	46 925	44 925	30 727	27 821	24 821	221018	20 818	35 821	33 825	50 917	52 927	711026
1965	45 926	621117	43 920	30 716	22 726	26 725	17 624	36 826	22 723	41 825	511023	37 827	621117
1966	531221	631124	53 926	36 826	36 826	20 820	23 721	19 621	37 923	46 828	441318	60 926	631124
1967	42 821	50 829	35 815	56 9 5	39 8 7	19 725	17 819	24 719	22 718	47 918	47 924	47 926	56 9 5
1968	451418	48 926	441023	481021	211018	24 715	22 721	22 727	21 717	44 925	49 926	611022	611022
1969	641025	48 9 6	41 8 7	47 921	301019	22 720	20 614	24 821	26 723	30 825	401019	751218	751218
1970	43 920	631218	39 827	501023	29 822	22 722	29 820	291118	31 826	40 826	481020	43 8 5	631218
1971	511021	561021	61 927	33 825	25 727	21 622	18 821	29 822	24 727	41 917	40 712	48 924	61 927
1972	431022	38 818	42 920	29 727	37 810	40 921	20 720	26 719	471018	37 920	35 818	39 826	471018
1973	44 921	40 920	36 7 4	441016	28 819	23 727	31 822	19 723	33 820	421023	531023	561122	561122
1974	39 924	41 827	35 715	36 728	31 728	22 614	24 720	28 822	45 919	39 922	571023	45 828	571023
1975	46 921	661122	571017	521022	36 8 4	28 727	28 823	22 6 3	41 923	24 725	481019	581117	661122
MAX	711026	661122	61 927	56 9 5	461016	40 921	31 822	36 826	471018	591217	841319	751218	

MAX Hmo(m): 8.4 MAX Tp(sec): 13. MAX Dp(deg): 187. DATE(gmt): 63113018

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 295. DATE(gmt): 68010818

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.50 N, LONG: 66.50 W, DEPTH: 183 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 107

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	399	403	523	607	735	511	631	867	1107	746	538	479	7546
0.50 - 0.99	1303	1405	1350	1880	2258	2642	2728	2863	2294	2011	1402	1288	23424
1.00 - 1.49	1247	1079	1470	1182	1238	1203	1233	941	885	1239	1242	1097	14056
1.50 - 1.99	962	829	863	682	454	384	289	235	324	633	826	924	7405
2.00 - 2.49	598	410	424	280	210	49	66	46	110	201	434	591	3419
2.50 - 2.99	248	219	210	99	45	5	12	8	39	71	155	312	1423
3.00 - 3.49	114	98	72	30	13	1	1	.	27	41	102	139	638
3.50 - 3.99	53	38	27	25	4	5	.	.	7	13	44	61	277
4.00 - 4.49	19	14	13	10	2	.	.	.	5	4	31	40	138
4.50 - 4.99	11	8	4	3	1	.	.	.	2	1	15	16	61
5.00 - 5.49	3	11	4	2	.	.	.	.	.	.	3	9	32
5.50 - 5.99	2	3	.	.	.	.	.	.	.	.	3	4	12
6.00 - 6.49	1	1	.	.	.	.	.	.	.	.	1	.	3
6.50 - 6.99	.	2	.	.	.	.	.	.	.	.	2	.	4
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	1	.	1
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	1	.	1
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 107

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	459	440	555	610	603	434	519	874	1068	850	621	533	7566
4.0 - 4.9	1027	1032	1173	963	974	830	722	1021	1298	1311	1076	932	12359
5.0 - 5.9	1001	844	929	650	596	871	821	691	617	767	827	977	9591
6.0 - 6.9	546	330	426	416	726	1186	1079	1119	604	451	489	467	7839
7.0 - 7.9	354	296	359	555	887	913	1066	818	502	537	399	380	7066
8.0 - 8.9	408	429	477	470	658	380	566	271	304	464	457	429	5313
9.0 - 9.9	438	388	414	597	357	140	144	117	195	329	423	527	4069
10.0 - 10.9	344	351	356	357	112	43	15	42	95	152	307	387	2561
11.0 - 11.9	242	208	176	168	39	3	2	7	72	73	138	228	1356
12.0 - 12.9	119	128	61	10	3	.	15	.	40	16	44	85	521
13.0 - 13.9	18	68	23	3	5	.	11	.	5	10	16	9	168
14.0 - 14.9	4	6	7	1	.	.	.	.	.	.	3	6	27
15.0 - 15.9	.	.	2	.	.	.	.	.	.	.	.	.	2
16.0 - 16.9	.	.	.	.	.	.	.	.	.	.	.	.	0
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	2	.	.	.	.	.	.	.	.	.	2
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 107

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	293	172	333	175	123	62	15	79	141	240	219	316	2168
11.25 - 33.74 (22.5)	126	109	163	154	88	26	16	51	152	115	151	111	1262
33.75 - 56.24 (45.0)	89	151	154	111	76	42	16	36	53	81	166	126	1101
56.25 - 78.74 (67.5)	114	125	132	103	88	33	25	42	74	86	117	124	1063
78.75 - 101.24 (90.0)	98	84	143	78	62	48	13	41	74	71	94	132	938
101.25 - 123.74 (112.5)	87	104	125	73	81	29	12	15	75	85	71	107	864
123.75 - 146.24 (135.0)	74	104	94	77	68	42	9	49	71	112	125	112	937
146.25 - 168.74 (157.5)	67	87	86	102	154	55	80	74	181	155	162	122	1325
168.75 - 191.24 (180.0)	1241	1198	1366	1525	1767	1586	1754	1448	1204	1297	1313	1257	16956
191.25 - 213.74 (202.5)	737	598	607	1037	1233	1654	1826	1436	981	681	726	721	12237
213.75 - 236.24 (225.0)	390	367	320	330	360	525	493	595	520	591	362	383	5236
236.25 - 258.74 (247.5)	150	168	132	137	155	212	234	287	225	282	209	189	2380
258.75 - 281.24 (270.0)	222	188	174	202	229	241	218	355	355	374	249	150	2957
281.25 - 303.74 (292.5)	407	347	364	278	205	103	142	223	288	315	339	295	3306
303.75 - 326.24 (315.0)	464	434	387	200	155	86	79	146	242	243	265	418	3119
326.25 - 348.74 (337.5)	401	284	380	218	116	56	28	83	164	232	232	397	2591
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.50 N, LONG: 66.50 W, DEPTH: 183 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 107 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2257	2	.	.	.	.	.	.	.	.	2259
1.00 - 1.99	1071	514	.	.	.	.	.	.	.	.	1585
2.00 - 2.99	.	146	.	.	.	.	.	.	.	.	146
3.00 - 3.99	.	2	2	.	.	.	.	.	.	.	4
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3328	664	2	0	0	0	0	0	0	0	3994

STATION: 107 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	849	51	.	.	.	.	.	.	.	.	900
1.00 - 1.99	111	757	.	.	.	.	.	.	.	.	868
2.00 - 2.99	.	307	77	.	.	.	.	.	.	.	384
3.00 - 3.99	.	1	106	.	.	.	.	.	.	.	107
4.00 - 4.99	.	.	11	.	.	.	.	.	.	.	11
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	960	1116	194	0	0	0	0	0	0	0	2270

STATION: 107 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	586	12	.	.	.	.	.	.	.	.	598
1.00 - 1.99	237	689	.	.	.	.	.	.	.	.	926
2.00 - 2.99	.	276	17	.	.	.	.	.	.	.	293
3.00 - 3.99	.	8	59	.	.	.	.	.	.	.	67
4.00 - 4.99	.	.	2	.	.	.	.	.	.	.	2
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	823	985	78	0	0	0	0	0	0	0	1886

STATION: 107 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	752	2	58	153	49	19	.	.	.	.	1033
1.00 - 1.99	456	417	.	.	.	.	.	.	.	.	873
2.00 - 2.99	.	152	4	.	.	.	.	.	.	.	156
3.00 - 3.99	.	3	4	.	.	.	.	.	.	.	7
4.00 - 4.99	.	.	1	.	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1208	574	67	153	49	19	0	0	0	0	2070

STATION: 107 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1927	4317	5340	2216	491	69	2	.	.	.	14362
1.00 - 1.99	230	2302	3122	2270	668	34	.	.	.	.	8626
2.00 - 2.99	.	202	698	630	415	31	.	.	.	.	1976
3.00 - 3.99	.	1	192	163	86	28	.	.	.	.	470
4.00 - 4.99	.	.	16	69	13	9	.	.	.	.	107
5.00 - 5.99	.	.	.	14	12	1	.	.	.	.	27
6.00 - 6.99	.	.	.	.	6	.	.	.	.	.	6
7.00 - 7.99	.	.	.	.	2	.	.	.	.	.	2
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2157	6822	9368	5362	1693	172	2	0	0	0	25576

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.50 N, LONG: 66.50 W, DEPTH: 183 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 107 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2570	2140	957	261	23	.	.	.	.	.	5951
1.00 - 1.99	255	2103	1091	280	32	.	.	.	.	.	3761
2.00 - 2.99	.	137	500	401	48	.	.	.	.	.	1086
3.00 - 3.99	.	.	104	100	20	4	.	.	.	.	228
4.00 - 4.99	.	.	11	61	6	.	.	.	.	.	78
5.00 - 5.99	.	.	.	12	5	.	.	.	.	.	17
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2825	4380	2663	1115	135	4	0	0	0	0	11122

STATION: 107 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3732	.	.	.	.	.	.	.	.	2	3734
1.00 - 1.99	1301	212	.	.	.	.	.	.	.	.	1513
2.00 - 2.99	.	55	.	.	.	.	.	.	.	.	55
3.00 - 3.99	.	1	.	.	.	.	.	.	.	.	1
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5033	268	0	0	0	0	0	0	0	2	5303

STATION: 107 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2133	.	.	.	.	.	.	.	.	.	2133
1.00 - 1.99	1458	1851	.	.	.	.	.	.	.	.	3309
2.00 - 2.99	.	746	.	.	.	.	.	.	.	.	746
3.00 - 3.99	.	24	7	.	.	.	.	.	.	.	31
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3591	2621	7	0	0	0	0	0	0	0	6219

STATION: 107 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	14806	6524	6355	2630	563	88	2	.	.	2	30970
1.00 - 1.99	5119	8845	4213	2550	700	34	.	.	.	.	21461
2.00 - 2.99	.	2021	1296	1031	463	31	.	.	.	.	4842
3.00 - 3.99	.	40	474	263	106	32	.	.	.	.	915
4.00 - 4.99	.	.	41	130	19	9	.	.	.	.	199
5.00 - 5.99	.	.	.	26	17	1	.	.	.	.	44
6.00 - 6.99	.	.	.	.	7	.	.	.	.	.	7
7.00 - 7.99	.	.	.	.	2	.	.	.	.	.	2
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	19925	17430	12379	6630	1877	195	2	0	0	2	58440

STATION: 107

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	104	76	130	182	229	203	176	241	198	155	135	96	1925
2.50 - 4.99	951	969	1084	1645	2079	2046	2467	2399	2089	1653	1141	1020	19543
5.00 - 7.49	912	944	970	1180	1359	1573	1545	1552	1363	1245	1037	931	14611
7.50 - 9.99	1191	1146	1309	1107	1086	928	738	695	913	1152	1165	1040	12470
10.00 - 12.49	681	649	786	390	134	40	34	67	163	460	684	724	4812
12.50 - 14.99	759	508	515	246	64	10	.	6	74	238	502	771	3693
15.00 - 17.49	165	130	104	27	9	.	.	.	.	35	85	201	756
17.50 - 19.99	147	85	58	17	.	.	.	.	.	22	45	155	529
20.00 - GREATER	50	13	4	6	.	.	.	.	.	.	6	22	101
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.50 N, LONG: 66.50 W, DEPTH: 183 M

STATION: 107

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	677	523	791	574	417	236	124	288	515	569	535	737	5986
22.50 - 67.49 (45.0)	286	396	411	401	305	197	128	135	273	305	416	378	3631
67.50 - 112.49 (90.0)	292	234	370	237	256	190	109	147	276	246	265	330	2952
112.50 - 157.49 (135.0)	275	329	332	359	356	264	152	193	267	295	407	349	3578
157.50 - 202.49 (180.0)	366	372	393	498	697	659	636	551	473	499	597	433	6174
202.50 - 247.49 (225.0)	573	446	508	678	1062	1545	1933	1482	1018	899	616	587	11347
247.50 - 292.49 (270.0)	1069	973	926	1163	1195	1203	1417	1554	1200	1308	1052	943	14003
292.50 - 337.49 (315.0)	1422	1247	1229	890	672	506	461	610	778	839	912	1203	10769
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 107

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.57	1.14	1.13	0.93	0.83	0.85	0.80	0.66	0.62	0.75	1.06	1.07	0.95
1957	1.17	1.04	1.04	1.00	0.76	0.68	0.76	0.67	0.79	0.76	1.16	1.66	0.96
1958	1.39	1.13	1.05	1.21	0.92	0.80	0.71	0.85	0.89	0.88	1.24	1.19	1.02
1959	1.42	1.33	1.36	0.94	0.69	0.75	0.81	0.63	0.67	1.02	1.40	1.35	1.03
1960	1.22	1.35	1.20	1.08	0.64	0.82	0.79	0.66	0.79	0.99	1.13	1.28	1.00
1961	1.30	1.06	1.19	0.98	1.11	0.95	0.65	0.58	0.83	1.09	0.98	1.32	1.00
1962	1.46	1.11	1.24	1.19	0.67	0.80	0.80	0.87	0.84	1.13	1.39	1.44	1.08
1963	1.28	1.32	1.32	0.98	1.05	0.73	0.88	0.71	0.83	0.89	1.66	1.39	1.09
1964	1.63	1.44	1.38	0.90	0.89	0.88	0.91	0.82	0.91	1.00	1.26	1.40	1.12
1965	1.58	1.33	1.14	0.96	0.84	0.94	0.85	0.94	0.73	1.24	1.28	1.12	1.08
1966	1.64	1.32	1.17	0.76	1.00	0.87	0.94	0.75	1.07	1.03	1.15	1.41	1.09
1967	1.25	1.49	1.22	1.24	1.15	0.85	0.95	0.91	0.82	1.21	1.22	1.51	1.15
1968	1.56	1.29	1.34	1.25	0.80	0.88	0.65	0.75	0.60	1.06	1.40	1.80	1.12
1969	1.23	1.49	1.27	1.24	1.17	0.82	0.80	0.91	0.80	0.91	1.33	1.59	1.13
1970	1.25	1.69	1.16	1.02	1.03	1.04	0.95	0.84	0.78	0.94	1.14	1.44	1.10
1971	1.38	1.55	1.51	1.09	1.00	0.90	0.93	0.92	0.75	0.86	1.23	1.38	1.12
1972	1.31	1.33	1.28	1.00	1.26	1.18	0.75	0.86	0.98	1.06	1.22	1.17	1.12
1973	1.52	1.32	1.28	1.23	1.05	0.94	1.03	0.81	0.96	1.08	1.30	1.72	1.18
1974	1.09	1.26	1.44	1.34	1.00	0.93	0.74	0.76	0.87	1.09	1.52	1.36	1.11
1975	1.30	1.10	1.33	1.14	0.74	0.87	1.14	0.57	0.82	0.99	1.44	1.66	1.09
MEAN	1.38	1.30	1.25	1.07	0.93	0.87	0.84	0.77	0.82	1.00	1.27	1.41	

STATION: 107

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	47 8 7	491122	35 7 3	31 719	23 720	19 718	20 620	171018	14 427	23 719	40 919	391119	491122
1957	29 821	25 6 4	27 918	36 822	19 531	28 719	20 720	16 621	24 720	21 6 4	37 819	42 918	42 918
1958	28 610	31 721	27 7 4	31 7 8	22 918	19 721	19 617	19 719	27 723	22 529	30 821	35 822	35 822
1959	611119	34 919	41 923	25 918	16 624	19 719	19 720	15 621	22 622	411218	641218	43 923	641218
1960	481020	33 822	42 7 6	41 919	13 512	16 619	20 720	17 919	31 919	24 718	47 920	42 919	481020
1961	281118	341018	28 610	26 6 3	461017	19 619	14 619	16 621	33 820	35 7 7	26 6 8	33 819	461017
1962	37 918	26 6 4	30 7 5	39 919	21 623	22 721	21 719	26 6 6	25 6 5	26 923	481019	461021	481019
1963	50 922	291122	44 919	25 631	25 818	21 718	19 718	24 919	26 821	29 6 6	791118	571121	791118
1964	48 922	33 734	39 819	26 719	27 820	26 720	22 721	18 617	34 921	33 820	391018	35 7 6	48 922
1965	39 819	441118	32 918	24 818	19 623	24 722	17 619	19 923	24 721	31 820	471021	29 633	471021
1966	45 820	651222	341218	19 922	23 919	19 721	24 722	19 620	371021	32 723	361318	49 923	651222
1967	36 719	36 819	29 7 3	44 8 5	33 7 7	19 720	16 819	24 719	20 718	46 918	44 922	38 823	46 918
1968	37 730	35 917	40 921	47 921	18 918	19 719	22 720	18 619	19 619	29 820	34 7 6	52 922	52 922
1969	561023	39 8 6	36 922	451020	29 823	22 720	19 620	24 720	27 722	20 533	38 820	521019	561023
1970	42 919	671218	29 818	46 922	28 820	20 722	29 819	231018	22 718	36 918	42 819	34 7 4	671218
1971	46 919	52 922	511020	32 7 3	22 720	21 621	17 618	29 821	22 724	41 918	34 820	45 923	52 922
1972	42 921	35 720	40 819	26 6 2	30 7 8	37 921	19 719	26 719	47 919	35 819	32 922	26 821	47 919
1973	40 922	40 919	31 820	301017	29 819	19 720	31 821	19 722	33 819	421022	42 921	561220	561220
1974	37 923	31 820	32 819	27 622	31 820	20 721	24 720	26 821	45 919	39 921	411022	36 7 3	45 919
1975	47 920	551022	541018	501021	30 7 5	21 717	27 823	18 6 3	42 921	22 5 0	461019	571121	571121
MAX	611119	671218	541018	501021	461017	37 921	31 821	29 821	47 919	46 918	791118	571121	

MAX Hmo(m): 7.9 MAX Tp(sec): 11. MAX Dp(deg): 184. DATE(gmt): 63113018

MAX WIND SPEED(m/sec): 25. MAX WIND DIRECTION(deg): 295. DATE(gmt): 68010818

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.75 N, LONG: 66.25 W, DEPTH: 110 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 108

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	710	700	859	1207	1590	1450	1685	1809	1644	1244	848	767	14513
0.50 - 0.99	1421	1476	1535	1900	2081	2269	2373	2345	2059	1878	1553	1390	22280
1.00 - 1.49	1332	1269	1481	1147	946	859	686	638	783	1240	1358	1235	12974
1.50 - 1.99	879	687	734	393	258	188	156	146	217	438	701	905	5702
2.00 - 2.49	394	254	249	105	75	24	53	19	67	130	214	427	2011
2.50 - 2.99	150	95	84	30	9	5	6	3	18	23	66	154	643
3.00 - 3.49	54	20	10	7	1	.	1	.	7	2	26	43	171
3.50 - 3.99	16	8	5	4	.	5	.	.	2	5	20	24	87
4.00 - 4.49	2	4	2	6	.	.	.	.	3	2	10	8	37
4.50 - 4.99	1	5	1	1	.	.	.	.	.	.	4	3	15
5.00 - 5.49	1	.	.	.	.	.	.	.	.	.	.	1	2
5.50 - 5.99	.	1	.	.	.	.	.	.	.	.	.	3	4
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	1	.	.	.	.	.	.	.	.	.	.	1
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 108

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	920	990	1073	1312	1598	1514	1644	1932	1940	1539	1080	979	16521
4.0 - 4.9	1586	1592	1804	1648	1639	1431	1344	1453	1596	1828	1692	1521	19134
5.0 - 5.9	1388	1226	1279	830	689	787	791	596	621	901	1218	1409	11735
6.0 - 6.9	504	288	283	256	423	603	556	532	318	286	347	486	4882
7.0 - 7.9	173	115	171	219	353	313	458	323	172	161	158	169	2785
8.0 - 8.9	121	87	115	236	176	130	156	84	62	125	101	140	1533
9.0 - 9.9	102	93	123	181	72	13	4	30	56	63	133	131	1001
10.0 - 10.9	92	74	66	94	6	8	3	2	23	27	55	77	527
11.0 - 11.9	42	33	35	23	.	1	.	2	5	15	15	35	206
12.0 - 12.9	21	16	3	.	.	.	4	.	2	2	.	11	59
13.0 - 13.9	.	6	.	.	.	.	.	.	.	.	.	.	6
14.0 - 14.9	.	.	.	.	.	.	.	.	.	.	.	.	0
15.0 - 15.9	.	.	.	.	.	.	.	.	.	.	.	.	0
16.0 - 16.9	.	.	.	.	.	.	.	.	.	.	.	.	0
17.0 - 17.9	.	.	.	.	.	.	.	.	.	.	.	.	0
18.0 - 18.9	.	.	.	.	.	.	.	.	.	.	.	.	0
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	11	.	8	1	4	.	.	6	5	13	1	2	51
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 108

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	391	280	466	270	200	104	36	136	246	350	308	468	3255
11.25 - 33.74 (22.5)	168	184	243	209	118	65	35	67	179	159	183	192	1802
33.75 - 56.24 (45.0)	111	172	185	157	133	68	29	50	79	92	218	142	1436
56.25 - 78.74 (67.5)	149	132	165	125	120	69	48	50	81	120	142	148	1349
78.75 - 101.24 (90.0)	145	97	167	102	100	67	24	59	139	104	134	160	1298
101.25 - 123.74 (112.5)	119	126	170	109	147	90	30	57	92	122	113	161	1336
123.75 - 146.24 (135.0)	96	160	148	137	95	98	37	60	128	103	196	160	1418
146.25 - 168.74 (157.5)	136	137	132	140	173	105	104	83	112	176	188	159	1645
168.75 - 191.24 (180.0)	213	218	242	289	352	324	306	256	267	257	360	279	3363
191.25 - 213.74 (202.5)	692	503	629	1055	1317	1574	1857	1458	989	786	739	651	12250
213.75 - 236.24 (225.0)	302	305	275	386	550	729	817	748	597	534	335	339	5917
236.25 - 258.74 (247.5)	188	178	169	243	376	510	653	615	383	391	214	161	4081
258.75 - 281.24 (270.0)	542	493	473	491	500	539	552	655	574	711	521	453	6504
281.25 - 303.74 (292.5)	589	543	510	471	323	192	235	350	406	437	481	464	5001
303.75 - 326.24 (315.0)	579	583	494	312	247	154	120	203	315	304	380	505	4196
326.25 - 348.74 (337.5)	540	409	492	304	209	112	77	113	213	314	288	518	3589
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.75 N LONG: 66.25 W DEPTH: 110 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 108 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3890	.	.	.	.	.	.	.	.	.	3890
1.00 - 1.99	1302	744	.	.	.	.	.	.	.	.	2046
2.00 - 2.99	.	108	.	.	.	.	.	.	.	.	108
3.00 - 3.99	.	1	1	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5192	853	1	0	0	0	0	0	0	0	6046

STATION: 108 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1580	.	.	.	.	.	.	.	.	.	1580
1.00 - 1.99	600	542	.	.	.	.	.	.	.	.	1142
2.00 - 2.99	.	166	.	.	.	.	.	.	.	.	166
3.00 - 3.99	.	3	.	.	.	.	.	.	.	.	3
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2180	711	0	0	0	0	0	0	0	0	2891

STATION: 108 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1205	4	.	.	.	.	.	.	.	.	1209
1.00 - 1.99	272	802	.	.	.	.	.	.	.	.	1074
2.00 - 2.99	.	263	18	.	.	.	.	.	.	.	281
3.00 - 3.99	.	.	33	.	.	.	.	.	.	.	33
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1477	1069	51	0	0	0	0	0	0	0	2597

STATION: 108 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1535	4	.	.	.	.	.	.	.	.	1539
1.00 - 1.99	611	746	.	.	.	.	.	.	.	.	1357
2.00 - 2.99	.	104	.	.	.	.	.	.	.	.	104
3.00 - 3.99	.	2	.	.	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2146	856	0	0	0	0	0	0	0	0	3002

STATION: 108 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3095	260	249	175	46	4	.	.	.	.	3829
1.00 - 1.99	707	2176	22	.	.	.	.	.	.	.	2905
2.00 - 2.99	.	354	71	.	.	.	.	.	.	.	425
3.00 - 3.99	.	2	26	3	.	.	.	.	.	.	31
4.00 - 4.99	.	.	1	6	.	.	.	.	.	.	7
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3802	2792	369	184	46	4	0	0	0	0	7197

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.75 N LONG: 66.25 W DEPTH: 110 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 108 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5197	3449	3071	1177	189	2	.	.	.	.	13085
1.00 - 1.99	260	2652	181	60	23	.	.	.	.	.	3176
2.00 - 2.99	.	200	511	16	1	.	.	.	.	.	728
3.00 - 3.99	.	.	118	53	.	.	.	.	.	.	171
4.00 - 4.99	.	.	8	34	3	.	.	.	.	.	45
5.00 - 5.99	.	.	.	4	2	.	.	.	.	.	6
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5457	6301	3889	1344	219	2	0	0	0	0	17212

STATION: 108 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	7789	.	.	.	.	.	.	.	.	51	7840
1.00 - 1.99	2100	957	.	.	.	.	.	.	.	.	3057
2.00 - 2.99	.	232	.	.	.	.	.	.	.	.	232
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9889	1189	0	0	0	0	0	0	0	51	11129

STATION: 108 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	3821	.	.	.	.	.	.	.	.	.	3821
1.00 - 1.99	1691	2228	.	.	.	.	.	.	.	.	3919
2.00 - 2.99	.	610	.	.	.	.	.	.	.	.	610
3.00 - 3.99	.	8	8	.	.	.	.	.	.	.	16
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5512	2846	8	0	0	0	0	0	0	0	8366

STATION: 108 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	28112	3717	3320	1352	235	6	.	.	.	51	36793
1.00 - 1.99	7543	10847	203	60	23	.	.	.	.	.	18676
2.00 - 2.99	.	2037	600	16	1	.	.	.	.	.	2654
3.00 - 3.99	.	16	186	56	.	.	.	.	.	.	258
4.00 - 4.99	.	.	9	40	3	.	.	.	.	.	52
5.00 - 5.99	.	.	.	4	2	.	.	.	.	.	6
6.00 - 6.99	.	.	.	.	1	.	.	.	.	.	1
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	35655	16617	4318	1528	265	6	0	0	0	51	58440

STATION: 108

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	107	86	134	169	213	204	187	247	209	150	125	99	1930
2.50 - 4.99	960	987	1094	1661	2091	2039	2434	2364	2035	1614	1161	1023	19463
5.00 - 7.49	895	923	988	1181	1346	1578	1535	1562	1360	1248	1031	916	14563
7.50 - 9.99	1190	1121	1306	1095	1095	927	768	711	954	1177	1143	1045	12532
10.00 - 12.49	676	670	772	397	142	41	36	71	169	464	682	742	4862
12.50 - 14.99	761	514	510	247	65	11	.	5	73	248	520	759	3713
15.00 - 17.49	173	124	102	27	8	.	.	.	.	41	89	198	762
17.50 - 19.99	148	83	53	20	.	.	.	.	.	18	42	155	519
20.00 - GREATER	50	12	1	3	.	.	.	.	.	.	7	23	96
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

WIS ATLANTIC REVISION 1956 - 1975
LAT: 44.75 N, LONG: 66.25 W, DEPTH: 110 M

STATION: 108

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	663	522	816	575	414	244	124	277	481	549	528	717	5910
22.50 - 67.49 (45.0)	279	379	414	384	288	202	125	126	250	289	406	372	3514
67.50 - 112.49 (90.0)	291	230	353	252	265	184	105	148	258	231	270	312	2899
112.50 - 157.49 (135.0)	291	343	350	363	376	281	157	210	280	307	413	380	3751
157.50 - 202.49 (180.0)	378	367	396	521	680	654	627	528	473	494	589	436	6143
202.50 - 247.49 (225.0)	555	444	501	640	1062	1534	1954	1478	1016	898	607	565	11254
247.50 - 292.49 (270.0)	1050	965	911	1158	1165	1198	1408	1584	1204	1313	1051	929	13936
292.50 - 337.49 (315.0)	1453	1270	1219	907	710	503	460	609	838	879	936	1249	11033
TOTAL	4960	4520	4960	4800	4960	4800	4960	4960	4800	4960	4800	4960	58440

STATION: 108

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.23	0.95	0.90	0.69	0.68	0.65	0.60	0.54	0.54	0.68	0.84	0.89	0.77
1957	1.02	0.89	0.89	0.80	0.64	0.54	0.58	0.48	0.66	0.65	0.84	1.24	0.77
1958	1.13	0.99	0.88	0.92	0.70	0.60	0.58	0.65	0.81	0.70	1.04	1.00	0.83
1959	1.14	1.08	1.14	0.67	0.60	0.55	0.70	0.48	0.64	0.77	1.02	1.13	0.82
1960	1.11	1.03	0.98	0.76	0.49	0.67	0.57	0.50	0.61	0.83	0.94	1.05	0.80
1961	1.11	0.89	1.01	0.77	0.81	0.72	0.48	0.49	0.61	0.82	0.86	1.14	0.81
1962	1.16	0.89	1.07	0.83	0.56	0.62	0.62	0.65	0.71	0.98	1.01	1.23	0.86
1963	1.03	1.11	1.04	0.87	0.73	0.63	0.61	0.56	0.70	0.79	1.34	1.20	0.88
1964	1.30	1.23	1.14	0.71	0.77	0.74	0.60	0.70	0.79	0.81	1.07	1.10	0.91
1965	1.33	1.08	1.03	0.74	0.74	0.82	0.66	0.78	0.68	0.98	1.11	0.98	0.91
1966	1.44	1.21	0.90	0.59	0.70	0.71	0.74	0.61	0.78	0.90	0.86	1.14	0.88
1967	1.05	1.24	0.93	1.05	0.89	0.74	0.69	0.68	0.74	0.95	1.06	1.28	0.94
1968	1.30	1.02	1.08	1.02	0.58	0.63	0.61	0.71	0.51	0.96	1.15	1.54	0.93
1969	1.05	1.20	1.06	0.94	0.91	0.64	0.64	0.72	0.68	0.82	0.96	1.24	0.90
1970	1.13	1.16	0.95	0.80	0.77	0.79	0.75	0.62	0.67	0.75	0.86	1.30	0.88
1971	1.20	1.14	1.25	0.84	0.73	0.70	0.75	0.81	0.67	0.68	1.03	1.21	0.92
1972	1.09	1.12	1.00	0.76	0.87	0.83	0.57	0.76	0.84	0.90	1.03	0.99	0.90
1973	1.34	1.08	1.00	0.99	0.74	0.83	0.85	0.61	0.84	1.00	1.10	1.32	0.97
1974	0.98	1.10	1.28	0.98	0.83	0.71	0.59	0.64	0.71	0.98	1.25	1.10	0.93
1975	1.04	0.96	1.07	0.92	0.63	0.74	0.95	0.51	0.72	0.89	1.20	1.35	0.91
MEAN	1.16	1.07	1.03	0.83	0.72	0.69	0.66	0.62	0.69	0.84	1.03	1.17	

STATION: 108

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	36 7 8	35 823	31 723	20 620	21 719	15 519	17 620	14 522	13 427	18 530	27 721	28 628	36 7 8
1957	28 721	19 527	25 611	26 723	19 530	18 519	14 520	16 621	20 620	17 531	23 616	28 721	28 721
1958	28 610	28 721	26 6 8	25 6 8	22 720	19 721	16 517	18 721	27 723	20 529	23 624	32 724	32 724
1959	36 821	26 723	31 724	15 522	16 623	16 519	20 720	15 521	21 622	24 615	47 924	42 923	47 924
1960	28 723	30 823	28 6 7	29 722	13 511	14 622	16 519	12 532	22 620	19 623	42 921	36 7 7	42 921
1961	24 722	28 723	27 610	22 6 8	28 722	16 623	14 620	16 623	26 720	25 6 6	25 6 8	29 632	29 632
1962	29 821	19 5 4	26 632	26 724	22 724	22 721	19 724	19 720	19 6 8	27 823	32 722	37 822	37 822
1963	40 822	26 722	37 824	24 723	21 621	21 722	15 519	19 624	23 623	23 6 8	481024	37 822	481024
1964	34 724	31 734	29 723	18 531	27 820	26 720	22 721	13 517	36 821	29 722	28 723	26 6 6	36 821
1965	31 734	30 612	26 630	19 532	19 623	24 722	15 621	19 721	24 721	29 721	43 922	27 633	43 922
1966	30 7 7	651222	27 724	18 530	22 621	19 622	24 722	18 624	33 823	24 723	21 721	36 823	651222
1967	27 721	31 822	22 722	30 6 4	25 6 7	21 621	18 621	18 620	18 722	26 721	42 922	31 724	42 922
1968	36 730	31 822	35 821	44 921	14 622	16 623	22 720	18 721	16 517	28 821	29 633	551023	551023
1969	541023	36 7 7	33 922	451020	31 823	18 623	17 510	18 720	29 722	19 533	28 721	42 922	541023
1970	33 731	35 823	22 622	34 724	29 821	22 721	22 620	17 524	21 723	22 617	35 823	30 632	35 823
1971	32 721	48 923	461020	23 6 3	18 623	21 621	15 521	29 821	22 723	24 723	28 710	37 822	48 923
1972	42 921	33 823	28 722	18 530	24 6 7	371021	19 722	21 621	26 619	26 722	31 824	23 623	42 921
1973	36 824	28 722	28 721	26 723	21 721	18 532	31 821	22 722	28 722	42 922	38 823	40 824	42 922
1974	34 823	30 724	29 823	21 622	23 721	21 623	22 720	26 821	28 823	40 921	38 922	27 6 9	40 921
1975	30 620	491123	30 717	41 822	22 6 5	19 624	28 723	15 534	431021	22 6 0	42 922	571022	571022
MAX	541023	651222	461020	451020	31 823	371021	31 821	29 821	431021	42 922	481024	571022	

MAX Hmo(m): 6.5 MAX Tp(sec): 12. MAX Dp(deg): 223. DATE(gmt): 66021118

MAX WIND SPEED(m/sec): 26. MAX WIND DIRECTION(deg): 295. DATE(gmt): 68010818

PUERTO RICO
WIS ATLANTIC REVISION 1956 - 1975
LAT: 19.00 N, LONG: 67.00 W, DEPTH: 999 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 1

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49													0
0.50 - 0.99	3	16	36	50	88	130	18	108	141	186	5	4	785
1.00 - 1.49	229	295	515	884	1309	1456	1223	1584	1603	1474	688	321	11581
1.50 - 1.99	1019	1031	1149	982	938	687	1023	709	564	690	1083	1000	10875
2.00 - 2.49	829	637	577	382	127	124	198	63	88	100	444	724	4293
2.50 - 2.99	269	203	158	89	18	3	16	16	3	20	144	305	1244
3.00 - 3.49	89	55	27	10	.	.	2	.	1	8	28	84	304
3.50 - 3.99	36	19	13	2	.	.	.	.	.	2	5	28	105
4.00 - 4.49	2	4	5	1	.	.	.	.	.	.	3	12	27
4.50 - 4.99	3	.	.	.	.	.	.	.	.	.	.	2	5
5.00 - 5.49	1	.	.	.	.	.	.	.	.	.	.	.	1
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

STATION: 1

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9			.								.		0
4.0 - 4.9	1	1		2	6	7	2	10	5	7		1	42
5.0 - 5.9	4	19	17	39	147	259	209	351	148	112	26	8	1339
6.0 - 6.9	107	58	203	275	491	577	767	760	313	276	147	102	4076
7.0 - 7.9	347	310	331	508	555	663	740	655	571	576	264	307	5827
8.0 - 8.9	377	458	409	489	602	511	427	441	615	483	492	445	5749
9.0 - 9.9	424	440	466	446	337	252	224	143	385	420	509	509	4555
10.0 - 10.9	384	345	394	266	169	100	62	61	212	279	349	468	3089
11.0 - 11.9	377	261	316	170	102	26	21	38	80	137	243	322	2093
12.0 - 12.9	193	183	172	90	30	5	15	20	31	97	170	206	1212
13.0 - 13.9	143	83	94	56	19	.	6	1	16	58	100	69	645
14.0 - 14.9	90	61	45	44	14	.	5	.	9	20	50	35	373
15.0 - 15.9	21	24	19	13	8	.	2	.	7	7	31	5	137
16.0 - 16.9	8	11	7	2	.	.	.	.	7	4	16	2	57
17.0 - 17.9	3	6	4	.	.	.	.	.		4	3	1	21
18.0 - 18.9	1	.	2	.	.	.	.	.	1	.	.	.	4
19.0 - 19.9	.	.	1	.	.	.	.	.	.	.	.	.	1
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

STATION: 1

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	477	336	494	302	80	21	7	18	85	238	424	450	2932
11.25 - 33.74 (22.5)	378	404	433	347	224	44	21	49	242	443	521	427	3533
33.75 - 56.24 (45.0)	283	326	252	313	265	73	24	58	357	489	709	455	3604
56.25 - 78.74 (67.5)	530	459	459	632	562	397	512	758	821	584	425	647	6786
78.75 - 101.24 (90.0)	448	370	454	579	1156	1607	1820	1524	785	521	129	178	9571
101.25 - 123.74 (112.5)	9	8	21	34	154	217	86	65	50	51	.	1	696
123.75 - 146.24 (135.0)	1	.	.	.	11	27	.	3	5	5	.	.	52
146.25 - 168.74 (157.5)	2	.	.	.	4	3	.	.	3	1	2	.	15
168.75 - 191.24 (180.0)	.	.	.	2	1	.	.	.	4	5	.	.	12
191.25 - 213.74 (202.5)	.	.	.	2	.	.	.	.	1	1	.	.	4
213.75 - 236.24 (225.0)	.	.	.	.	.	.	.	.	.	3	5	.	8
236.25 - 258.74 (247.5)	.	.	.	.	.	.	.	.	.	1	4	.	5
258.75 - 281.24 (270.0)	.	.	.	.	.	.	.	.	.	2	1	.	3
281.25 - 303.74 (292.5)	.	.	.	.	.	.	.	.	.	.	2	.	2
303.75 - 326.24 (315.0)	37	93	94	28	6	1	.	.	.	34	21	48	361
326.25 - 348.74 (337.5)	315	264	273	161	17	11	10	5	47	102	157	274	1636
TOTAL	2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

PUERTO RICO
WIS ATLANTIC REVISION 1956 - 1975
LAT: 19.00 N, LONG: 67.00 W, DEPTH: 999 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 1 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	.	2	36	31	5	3	1				78
1.00 - 1.99	.	2	673	1845	639	200	50	8	.	.	3417
2.00 - 2.99	.	.	19	695	919	198	33	2	.	.	1866
3.00 - 3.99	.	.	.	10	114	114	20	.	.	.	258
4.00 - 4.99	.	.	.	.	1	12	1	.	.	.	14
5.00 - 5.99	.	.	.	.	.	1	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	4	728	2581	1678	528	105	10	0	0	5634

STATION: 1 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1	49	168	39	13	1					271
1.00 - 1.99	.	416	2789	1750	736	258	54	12	1	.	6016
2.00 - 2.99	.	14	457	623	279	125	29			.	1527
3.00 - 3.99	.	.	5	45	18	12	4	3	.	.	87
4.00 - 4.99	.	.	.	.	1	9	.	.	.	.	10
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	479	3419	2457	1047	405	87	15	1	0	7911

STATION: 1 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	14	227	159	11	1		.	.	.	.	412
1.00 - 1.99	24	4462	6037	1660	80	1	.	.	.	.	12264
2.00 - 2.99	.	43	1154	422	116	9	.	.	.	.	1744
3.00 - 3.99	.	.	.	15	.	.	.	.	.	.	15
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	38	4732	7350	2108	197	10	0	0	0	0	14435

STATION: 1 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99		9									9
1.00 - 1.99	2	165	15	.	.	.	.	.	.	.	182
2.00 - 2.99	.	1	4	.	.	.	.	.	.	.	5
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2	175	19	0	0	0	0	0	0	0	196

STATION: 1 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99											0
1.00 - 1.99	1	17	2	.	.	.	.	.	.	.	20
2.00 - 2.99	.	2	.	.	.	.	.	.	.	.	2
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	19	2	0	0	0	0	0	0	0	22

PUERTO RICO
WIS ATLANTIC REVISION 1956 - 1975
LAT: 19.00 N LONG: 67.00 W DEPTH: 999 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 1 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	.	.	.	.	.	.	.	.	.	.	0
1.00 - 1.99	.	6	3	.	.	.	.	.	.	.	9
2.00 - 2.99	.	.	2	.	.	.	.	.	.	.	2
3.00 - 3.99	.	.	1	1	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	1	.	.	.	.	.	.	1
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	6	6	2	0	0	0	0	0	0	14

STATION: 1 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	.	.	2	.	.	.	.	.	.	.	2
1.00 - 1.99	.	.	.	.	.	.	.	.	.	.	0
2.00 - 2.99	.	.	1	1	.	.	.	.	.	.	2
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	0	3	1	0	0	0	0	0	0	4

STATION: 1 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	.	.	7	8	.	.	.	.	.	.	15
1.00 - 1.99	.	.	42	361	135	8	.	.	.	.	546
2.00 - 2.99	.	.	.	125	229	36	1	.	.	.	391
3.00 - 3.99	.	.	.	1	19	24	1	.	.	.	45
4.00 - 4.99	.	.	.	.	.	7	.	.	.	.	7
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	0	49	495	383	75	2	0	0	0	1004

STATION: 1 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	15	287	370	89	19	4	1	.	.	.	785
1.00 - 1.99	27	5068	9563	5616	1590	467	104	20	1	.	22456
2.00 - 2.99	.	60	1636	1865	1543	368	63	2	.	.	5537
3.00 - 3.99	.	.	7	73	151	150	25	3	.	.	409
4.00 - 4.99	.	.	.	1	2	28	1	.	.	.	32
5.00 - 5.99	.	.	.	.	.	1	.	.	.	.	1
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	42	5415	11576	7644	3305	1018	194	25	1	0	29220

STATION: 1

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	6	19	22	37	11	2	.	3	15	33	40	21	209
2.50 - 4.99	697	854	989	947	907	592	347	595	1213	1502	1174	864	10681
5.00 - 7.49	1000	857	915	974	1152	1313	1417	1467	989	793	885	932	12694
7.50 - 9.99	759	498	549	431	410	491	716	415	182	146	291	630	5518
10.00 - 12.49	18	31	5	11	.	2	.	.	1	5	8	33	114
12.50 - 14.99	.	1	.	.	.	.	.	.	.	1	2	.	4
15.00 - 17.49	.	.	.	.	.	.	.	.	.	.	.	.	0
17.50 - 19.99	.	.	.	.	.	.	.	.	.	.	.	.	0
20.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

PUERTO RICO
WIS ATLANTIC REVISION 1956 - 1975
LAT: 19.00 N, LONG: 67.00 W, DEPTH: 999 M

STATION: 1

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION WD(deg) BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	29	55	42	45	13	.	.	8	15	21	87	48	363
22.50 - 67.49 (45.0)	428	338	406	397	197	49	131	234	247	265	650	680	4022
67.50 - 112.49 (90.0)	1600	1362	1422	1443	1464	1635	2116	1946	1470	1343	1265	1434	18500
112.50 - 157.49 (135.0)	311	386	471	408	744	688	230	267	555	604	285	251	5200
157.50 - 202.49 (180.0)	48	55	85	53	39	23	3	18	68	151	51	34	628
202.50 - 247.49 (225.0)	26	29	28	32	12	4	.	4	22	73	29	6	265
247.50 - 292.49 (270.0)	21	12	17	12	9	.	.	1	14	16	19	12	133
292.50 - 337.49 (315.0)	17	23	9	10	2	1	.	2	9	7	14	15	109
TOTAL	2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

STATION: 1

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.14	1.84	2.06	1.45	1.62	1.83	1.62	1.56	1.42	1.47	1.88	2.16	1.76
1957	2.15	1.92	1.48	1.78	1.19	1.21	1.42	1.37	1.25	1.26	1.73	2.17	1.58
1958	1.82	1.95	1.38	1.66	1.63	1.43	1.64	1.43	1.47	1.56	1.61	1.88	1.62
1959	2.21	1.93	1.65	1.70	1.39	1.43	1.51	1.31	1.06	1.20	1.63	1.74	1.56
1960	1.78	1.76	1.87	1.47	1.31	1.39	1.51	1.30	1.30	1.17	1.50	1.99	1.53
1961	1.96	2.11	1.70	1.37	1.38	1.55	1.66	1.35	1.20	1.55	1.68	1.83	1.61
1962	2.07	2.04	1.99	1.77	1.41	1.38	1.55	1.45	1.38	1.12	1.63	1.75	1.63
1963	2.15	1.72	1.92	1.44	1.51	1.27	1.48	1.20	1.33	1.27	1.64	1.56	1.54
1964	1.85	1.69	2.01	1.64	1.31	1.35	1.67	1.39	1.34	1.39	1.71	2.28	1.64
1965	2.29	1.93	1.59	1.50	1.45	1.33	1.54	1.37	1.43	1.45	1.69	1.74	1.61
1966	2.13	2.19	1.77	1.67	1.66	1.55	1.56	1.47	1.22	1.21	2.22	2.05	1.72
1967	2.04	1.94	2.02	1.73	1.74	1.36	1.75	1.30	1.39	1.30	1.78	2.14	1.71
1968	1.95	1.87	1.94	1.75	1.27	1.23	1.29	1.12	1.39	1.32	1.74	2.07	1.58
1969	2.04	2.33	1.96	1.53	1.40	1.14	1.36	1.38	1.28	1.46	2.11	1.93	1.66
1970	1.78	1.96	1.84	1.80	1.36	1.61	1.68	1.49	1.34	1.63	1.87	2.10	1.70
1971	2.04	2.02	1.77	1.55	1.30	1.42	1.44	1.36	1.27	1.29	1.63	2.13	1.60
1972	1.83	1.68	1.59	1.57	1.53	1.23	1.54	1.36	1.35	1.20	1.50	1.79	1.52
1973	1.70	1.74	1.64	1.51	1.54	1.44	1.16	1.32	1.34	1.37	1.49	1.80	1.50
1974	1.91	1.73	1.55	1.54	1.16	1.10	1.18	1.29	1.33	1.52	1.74	1.87	1.49
1975	2.51	1.86	2.15	1.86	1.37	1.19	1.37	1.22	1.40	1.47	1.81	2.84	1.76
MEAN	2.02	1.91	1.79	1.62	1.43	1.37	1.50	1.35	1.32	1.36	1.73	1.99	

STATION: 1

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	5014 1	3710 6	29 9 8	261133	24 8 8	24 9 8	2110 8	27 9 8	22 9 2	2213 2	42 923	31 9 6	5014 1
1957	3011 0	27 8 8	241133	2610 9	1611 2	16 610	24 9 9	24 9 9	18 6 8	2510 2	2615 4	451334	451334
1958	301235	351332	241032	2411 0	27 8 9	2210 8	26 9 7	21 7 8	22 711	3710 6	21 8 7	271134	3710 6
1959	3713 1	28 9 4	2711 7	2514 2	19 710	19 7 9	22 7 8	2410 8	18 7 9	21 7 9	24 7 5	251132	3713 1
1960	2612 0	2812 0	321333	21 7 8	2311 1	20 9 9	19 9 8	19 710	211036	16 8 4	21 8 6	311234	321333
1961	2713 9	311336	271132	22 934	19 7 9	21 8 8	2511 9	18 7 9	18 9 3	251236	281036	29 8 7	311336
1962	2910 7	321235	431435	25 8 8	2210 2	19 7 8	22 7 7	19 7 7	22 7 9	171033	301234	2712 0	431435
1963	331534	26 9 1	291134	22 6 6	20 7 5	18 711	24 8 7	20 7 7	3010 1	21 722	22 9 4	211134	331534
1964	301235	261336	391336	24 8 9	271335	22 7 8	2310 9	24 8 7	211233	24 710	27 8 8	3310 3	391336
1965	381435	271232	271232	21 936	20 7 9	21 7 9	21 7 6	18 7 6	20 7 8	3113 1	2710 4	28 8 5	381435
1966	381435	351133	23 8 8	32 9 7	22 8 7	23 8 7	19 6 9	28 9 5	22 712	191035	3112 4	32 9 3	381435
1967	29 8 7	361133	301134	291434	291434	27 8 8	24 8 9	20 7 8	19 6 8	18 9 6	2910 4	3813 1	3813 1
1968	331536	371433	351135	401436	18 7 5	17 510	17 610	19 7 9	2211 3	1913 3	3211 1	3412 1	401436
1969	3912 1	421433	2712 1	25 8 8	21 9 8	16 610	23 7 8	20 7 8	191133	2210 3	3111 3	291334	421433
1970	301233	261233	281035	271135	18 9 3	22 7 9	23 9 9	20 6 8	1915 3	2112 2	4114 0	3710 5	4114 0
1971	311233	27 9 6	321234	30 9 4	18 6 9	21 8 9	20 710	23 7 8	19 6 9	21 710	2711 1	3012 2	321234
1972	26 8 8	25 935	21 8 3	2015 2	22 711	17 610	22 710	20 7 8	22 6 8	19 9 1	20 7 6	24 8 8	26 8 8
1973	2210 3	241133	241236	23 8 4	1910 9	20 6 9	15 6 9	19 8 8	2412 2	2111 3	23 8 4	24 8 7	24 8 7
1974	23 9 3	22 8 4	19 8 3	21 9 3	17 8 3	17 7 9	16 5 7	25 8 6	22 7 9	301136	2511 1	281236	301136
1975	391336	2611 3	3117 4	281334	19 510	16 9 0	301234	20 7 8	2510 5	20 8 8	2611 3	4313 3	4313 3
MAX	5014 1	421433	431435	401436	291434	27 8 8	301234	28 9 5	3010 1	3710 6	42 923	451334	

MAX Hmo(m): 5.0 MAX Tp(sec): 14. MAX Dp(deg): 14. DATE(gmt): 56010800

MAX WIND SPEED(m/sec): 14. MAX WIND DIRECTION(deg): 220. DATE(gmt): 56110406

PUERTO RICO
WIS ATLANTIC REVISION 1956 - 1975
LAT: 19.00 N LONG: 66.00 W DEPTH: 999 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 2

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	.	.	.	.	.	.	.	.	.	.	.	.	0
0.50 - 0.99	.	4	4	15	39	49	11	76	86	149	5	5	443
1.00 - 1.49	166	249	443	784	1184	1345	1088	1498	1558	1392	632	272	10611
1.50 - 1.99	946	990	1140	1085	1051	821	1100	791	632	776	1104	980	11416
2.00 - 2.49	899	717	657	386	192	175	253	84	117	140	473	774	4867
2.50 - 2.99	316	210	180	122	14	10	25	31	7	16	152	305	1388
3.00 - 3.49	103	65	36	8	.	.	3	.	.	5	23	93	336
3.50 - 3.99	40	21	15	.	.	.	.	.	.	1	6	33	116
4.00 - 4.49	5	4	5	.	.	.	.	.	.	1	5	16	36
4.50 - 4.99	3	.	.	.	.	.	.	.	.	.	.	2	5
5.00 - 5.49	2	.	.	.	.	.	.	.	.	.	.	.	2
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

STATION: 2

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	.	.	.	1	9	6	3	7	11	9	1	1	48
4.0 - 4.9	5	14	15	60	170	270	195	367	174	131	27	23	1451
5.0 - 5.9	118	73	233	340	549	728	835	869	359	333	157	119	4713
6.0 - 6.9	393	317	339	511	588	623	746	598	536	562	296	298	5807
7.0 - 7.9	382	450	364	437	535	411	390	388	591	461	447	460	5316
8.0 - 8.9	386	443	459	403	311	224	209	144	368	407	479	476	4309
9.0 - 9.9	358	317	407	262	163	100	57	47	193	262	354	439	2959
10.0 - 10.9	355	244	297	172	90	35	21	40	89	131	269	331	2074
11.0 - 11.9	213	184	183	95	37	3	12	20	35	100	168	200	1250
12.0 - 12.9	134	108	106	64	9	.	7	.	13	51	109	91	692
13.0 - 13.9	83	68	45	42	13	.	4	.	17	18	44	33	367
14.0 - 14.9	36	25	20	11	6	.	1	.	8	9	28	6	150
15.0 - 15.9	11	14	5	2	.	.	.	.	4	3	19	2	60
16.0 - 16.9	5	3	5	.	.	.	.	.	2	2	2	1	20
17.0 - 17.9	1	.	1	.	.	.	.	.	.	1	.	.	3
18.0 - 18.9	.	.	1	.	.	.	.	.	.	.	.	.	1
19.0 - 19.9	.	.	.	.	.	.	.	.	.	.	.	.	0
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	
TOTAL	2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

STATION: 2

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	430	308	499	286	70	15	2	14	95	216	427	442	2804
11.25 - 33.74 (22.5)	370	408	383	342	196	40	20	54	226	445	506	404	3394
33.75 - 56.24 (45.0)	247	317	238	273	256	59	13	56	301	408	682	447	3297
56.25 - 78.74 (67.5)	468	408	410	563	474	335	476	650	800	527	388	583	6082
78.75 - 101.24 (90.0)	518	402	497	622	1134	1458	1788	1551	780	564	172	249	9735
101.25 - 123.74 (112.5)	27	21	38	77	274	442	167	146	128	113	3	9	1445
123.75 - 146.24 (135.0)	6	.	6	15	26	38	1	4	11	17	1	.	125
146.25 - 168.74 (157.5)	3	.	.	3	3	2	.	.	6	10	2	.	29
168.75 - 191.24 (180.0)	.	.	.	2	.	.	.	.	.	4	.	.	6
191.25 - 213.74 (202.5)	.	.	.	2	.	.	.	.	.	4	5	.	11
213.75 - 236.24 (225.0)	.	.	.	.	.	.	.	.	.	3	2	.	5
236.25 - 258.74 (247.5)	.	.	.	.	.	.	.	.	.	1	4	.	5
258.75 - 281.24 (270.0)	.	.	1	.	.	.	.	.	.	1	1	.	3
281.25 - 303.74 (292.5)	.	.	.	.	.	.	.	.	.	.	1	.	1
303.75 - 326.24 (315.0)	57	104	121	30	8	.	.	.	.	43	25	67	455
326.25 - 348.74 (337.5)	354	292	287	185	39	11	13	5	53	124	181	279	1823
TOTAL	2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

PUERTO RICO
WIS ATLANTIC REVISION 1956 - 1975
LAT: 19.00 N, LONG: 66.00 W, DEPTH: 999 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 2 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99			24	14	4	4					46
1.00 - 1.99	1	3	692	1677	610	204	44	8			3239
2.00 - 2.99			19	753	904	248	57	2			1983
3.00 - 3.99				10	117	110	22				259
4.00 - 4.99					2	16	3				21
5.00 - 5.99						1	1				2
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1	3	735	2454	1637	583	127	10	0	0	5550

STATION: 2 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4	35	87	20	7						153
1.00 - 1.99	1	385	2533	1577	694	200	43	9	1		5443
2.00 - 2.99		23	479	661	303	139	28	1			1634
3.00 - 3.99			8	39	13	11	7	3			81
4.00 - 4.99					3	7					10
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	5	443	3107	2297	1020	357	78	13	1	0	7321

STATION: 2 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	11	166	36	4	1						218
1.00 - 1.99	20	5065	5681	1402	78						12246
2.00 - 2.99		56	1411	514	117	9					2107
3.00 - 3.99			4	26							30
4.00 - 4.99				1							1
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	31	5287	7132	1947	196	9	0	0	0	0	14602

STATION: 2 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	5	12									17
1.00 - 1.99	3	391	63								457
2.00 - 2.99		3	23								26
3.00 - 3.99											0
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	8	406	86	0	0	0	0	0	0	0	500

STATION: 2 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	1	1									2
1.00 - 1.99		15	3								18
2.00 - 2.99			1								1
3.00 - 3.99											0
4.00 - 4.99											0
5.00 - 5.99											0
6.00 - 6.99											0
7.00 - 7.99											0
8.00 - 8.99											0
9.00 - GREATER											0
TOTAL	1	16	4	0	0	0	0	0	0	0	21

PUERTO RICO
WIS ATLANTIC REVISION 1956 - 1975
LAT: 19.00 N, LONG: 66.00 W, DEPTH: 999 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 2 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	2	8	2	.	.	.	.	.	.	.	12
1.00 - 1.99	.	.	2	.	.	.	.	.	.	.	2
2.00 - 2.99	.	.	.	1	.	.	.	.	.	.	1
3.00 - 3.99	.	.	1	1	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2	8	5	2	0	0	0	0	0	0	17

STATION: 2 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	.	1	2	.	.	.	.	.	.	.	3
1.00 - 1.99	.	.	.	1	.	.	.	.	.	.	1
2.00 - 2.99	.	.	.	1	.	.	.	.	.	.	1
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	1	2	2	0	0	0	0	0	0	5

STATION: 2 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	.	.	4	2	1	.	.	.	.	.	7
1.00 - 1.99	.	.	48	395	153	13	.	.	.	.	609
2.00 - 2.99	.	.	.	167	287	47	.	.	.	.	501
3.00 - 3.99	.	.	.	2	30	44	4	.	.	.	80
4.00 - 4.99	.	.	.	.	.	6	1	.	.	.	7
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	0	52	566	471	110	5	0	0	0	1204

STATION: 2 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	21	214	151	40	13	4	.	.	.	.	443
1.00 - 1.99	27	5868	9024	5051	1535	417	87	17	1	.	22027
2.00 - 2.99	.	82	1935	2096	1611	443	85	3	.	.	6255
3.00 - 3.99	.	.	12	79	160	165	33	3	.	.	452
4.00 - 4.99	.	.	1	2	5	29	4	.	.	.	41
5.00 - 5.99	.	.	.	.	.	1	1	.	.	.	2
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	48	6164	11123	7268	3324	1059	210	23	1	0	29220

STATION: 2

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	25	50	50	56	19	6	.	8	36	69	59	44	422
2.50 - 4.99	756	867	1022	1008	955	691	426	645	1264	1490	1214	907	11245
5.00 - 7.49	966	833	859	886	1066	1230	1339	1380	890	751	827	878	11905
7.50 - 9.99	707	477	539	433	437	466	710	447	208	164	290	603	5481
10.00 - 12.49	26	32	10	17	3	7	5	.	2	5	8	47	162
12.50 - 14.99	.	1	.	.	.	.	.	.	.	1	2	1	5
15.00 - 17.49	.	.	.	.	.	.	.	.	.	.	.	.	0
17.50 - 19.99	.	.	.	.	.	.	.	.	.	.	.	.	0
20.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

PUERTO RICO
WIS ATLANTIC REVISION, 1956 - 1975
LAT: 19.00 N, LONG: 66.00 W, DEPTH: 999 M

STATION: 2

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

WD(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49 (0.0)	51	71	69	60	26	6	.	10	23	38	104	73	531
22.50 - 67.49 (45.0)	508	397	469	409	233	100	257	337	318	311	714	770	4823
67.50 - 112.49 (90.0)	1452	1235	1297	1390	1397	1592	1958	1807	1387	1275	1146	1282	17218
112.50 - 157.49 (135.0)	335	402	447	403	742	664	260	290	540	592	295	263	5233
157.50 - 202.49 (180.0)	63	78	116	68	57	32	4	25	74	158	61	42	778
202.50 - 247.49 (225.0)	25	32	40	28	7	5	1	2	27	65	32	17	281
247.50 - 292.49 (270.0)	23	17	22	17	10	1	.	4	22	22	18	15	171
292.50 - 337.49 (315.0)	23	28	20	25	8	.	.	5	9	19	30	18	185
TOTAL	2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

STATION: 2

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.20	1.89	2.13	1.52	1.69	1.91	1.68	1.62	1.48	1.49	1.91	2.21	1.81
1957	2.19	1.99	1.58	1.86	1.28	1.29	1.46	1.44	1.31	1.29	1.76	2.20	1.64
1958	1.91	2.01	1.51	1.75	1.74	1.50	1.68	1.48	1.53	1.64	1.67	1.94	1.69
1959	2.27	2.00	1.72	1.77	1.44	1.51	1.55	1.33	1.09	1.27	1.66	1.76	1.61
1960	1.85	1.85	1.93	1.55	1.37	1.47	1.56	1.34	1.32	1.25	1.52	2.03	1.59
1961	2.00	2.17	1.77	1.43	1.47	1.61	1.69	1.40	1.23	1.57	1.69	1.92	1.66
1962	2.13	2.07	2.03	1.82	1.45	1.44	1.60	1.51	1.38	1.17	1.62	1.80	1.67
1963	2.21	1.80	1.99	1.48	1.55	1.34	1.52	1.24	1.35	1.30	1.68	1.64	1.59
1964	1.92	1.77	2.10	1.66	1.33	1.41	1.71	1.42	1.38	1.44	1.77	2.30	1.68
1965	2.35	1.96	1.66	1.57	1.50	1.36	1.60	1.42	1.47	1.49	1.72	1.75	1.65
1966	2.24	2.26	1.82	1.71	1.74	1.62	1.64	1.52	1.26	1.25	2.22	2.07	1.78
1967	2.11	1.97	2.04	1.77	1.79	1.43	1.82	1.33	1.40	1.32	1.77	2.19	1.75
1968	1.96	1.91	1.98	1.71	1.34	1.28	1.33	1.16	1.45	1.40	1.78	2.07	1.61
1969	2.11	2.37	1.99	1.57	1.49	1.22	1.42	1.43	1.31	1.51	2.18	1.95	1.71
1970	1.86	1.97	1.90	1.87	1.37	1.69	1.74	1.54	1.39	1.66	1.91	2.11	1.75
1971	2.11	2.07	1.82	1.59	1.37	1.50	1.49	1.42	1.35	1.35	1.70	2.18	1.66
1972	1.88	1.75	1.64	1.62	1.60	1.31	1.60	1.42	1.40	1.23	1.53	1.82	1.57
1973	1.74	1.73	1.69	1.54	1.62	1.50	1.22	1.34	1.39	1.41	1.50	1.82	1.54
1974	1.95	1.77	1.59	1.60	1.21	1.15	1.20	1.31	1.36	1.53	1.74	1.86	1.52
1975	2.56	1.93	2.19	1.89	1.42	1.24	1.40	1.24	1.45	1.50	1.83	2.85	1.79
MEAN	2.08	1.96	1.85	1.66	1.49	1.44	1.55	1.39	1.37	1.40	1.76	2.02	

STATION: 2

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	5114 1	3710 6	31 9 8	271132	24 8 8	2510 7	2410 8	29 9 8	2310 0	2210 2	43 922	31 9 9	5114 1
1957	301133	28 8 9	251133	271010	1712 2	18 610	26 9 9	27 9 9	19 6 9	24 9 3	2715 4	451334	451334
1958	311235	351332	251132	25 934	28 8 9	24 710	2810 6	23 710	24 810	42 9 7	23 7 9	2710 0	42 9 7
1959	3813 1	3010 3	2812 8	27 8 8	20 710	21 811	24 7 8	2511 8	18 6 9	22 7 8	25 7 4	251132	3813 1
1960	2713 0	3113 0	331334	22 7 8	2411 1	21 9 9	20 9 8	22 710	191036	1711 4	22 9 6	311233	331334
1961	2713 9	32 8 8	301236	231034	20 7 8	23 8 7	2610 9	20 710	18 7 6	221235	2713 4	3112 0	32 8 8
1962	29 9 7	321234	411434	26 7 8	2210 3	20 7 8	2210 9	20 7 7	2111 9	181032	301333	2812 0	411434
1963	341433	2710 0	291135	21 7 5	22 712	19 712	24 7 8	21 7 7	2811 1	22 721	231133	221134	341433
1964	311134	291436	421436	25 8 8	241234	21 7 8	2510 9	25 8 7	211234	24 710	28 8 9	33 9 4	421436
1965	381434	271232	281132	251236	22 710	21 8 9	22 7 6	19 7 7	20 9 4	3213 0	2710 4	29 8 5	381434
1966	401434	35 9 6	24 7 9	30 8 4	23 8 8	23 8 7	20 7 9	29 9 6	24 712	20 711	3111 4	3111 1	401434
1967	291134	361233	301134	311534	291434	29 8 9	26 710	20 7 8	18 6 7	18 9 6	2910 4	4013 0	4013 0
1968	3312 1	371433	361235	291435	19 8 5	17 5 8	18 5 8	20 710	2311 1	2013 3	331135	3612 0	371433
1969	4112 1	431433	2812 1	27 8 9	2210 9	16 612	22 710	20 6 7	191133	2411 0	31 8 7	301334	431433
1970	311233	261133	2611 6	27 8 8	17 9 3	24 713	25 9 9	21 712	20 710	2112 2	421436	37 9 6	421436
1971	321133	28 9 9	331334	3010 4	19 610	23 7 8	22 710	23 7 9	18 8 3	23 710	2711 1	3111 1	331334
1972	27 8 8	25 936	21 7 9	2115 2	23 712	16 612	23 810	21 810	22 6 8	18 9 1	20 7 6	241135	27 8 8
1973	2210 4	241033	251236	23 8 3	2110 9	2110 8	17 5 8	20 8 8	2512 2	2211 3	22 8 4	25 8 7	25 8 7
1974	23 7 7	231035	20 6 8	22 9 3	17 8 2	17 610	16 5 7	26 8 7	22 7 8	2912 0	2712 1	2711 0	2912 0
1975	401336	2710 3	3217 4	291334	20 7 9	1711 3	311234	22 6 7	2510 6	22 8 8	2612 4	4412 3	4412 3
MAX	5114 1	431433	421436	311534	291434	29 8 9	311234	29 9 6	2811 1	42 9 7	43 922	451334	

MAX Hmo(m): 5.1 MAX Tp(sec): 14. MAX Dp(deg): 14. DATE(gmt): 56010800

MAX WIND SPEED(m/sec): 15. MAX WIND DIRECTION(deg): 205. DATE(gmt): 56110406

PUERTO RICO
WIS ATLANTIC REVISION 1956 - 1975
LAT: 19.00 N, LONG: 65.00 W, DEPTH: 999 M
SUMMARY OF WAVE INFORMATION BY MONTH

STATION: 3

OCCURRENCES OF WAVE HEIGHT BY MONTH FOR ALL YEARS

Hmo(m)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 0.49	.	.	.	.	.	.	.	.	.	.	.	.	0
0.50 - 0.99	1	2	3	17	48	59	9	83	85	154	6	8	475
1.00 - 1.49	152	220	423	771	1194	1352	1098	1506	1556	1375	635	264	10546
1.50 - 1.99	919	981	1128	1088	1017	803	1100	772	617	772	1080	977	11254
2.00 - 2.49	927	747	676	378	202	174	240	90	127	157	484	779	4981
2.50 - 2.99	311	213	185	132	17	12	29	26	15	15	157	302	1414
3.00 - 3.49	110	77	44	13	2	.	4	3	.	6	25	99	383
3.50 - 3.99	41	16	12	1	.	.	.	.	.	1	5	29	105
4.00 - 4.49	14	4	9	.	.	.	.	.	.	.	5	20	52
4.50 - 4.99	2	.	.	.	.	.	.	.	.	.	3	2	7
5.00 - 5.49	3	.	.	.	.	.	.	.	.	.	.	.	3
5.50 - 5.99	.	.	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.49	.	.	.	.	.	.	.	.	.	.	.	.	0
6.50 - 6.99	.	.	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.49	.	.	.	.	.	.	.	.	.	.	.	.	0
7.50 - 7.99	.	.	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.49	.	.	.	.	.	.	.	.	.	.	.	.	0
8.50 - 8.99	.	.	.	.	.	.	.	.	.	.	.	.	0
9.00 - 9.49	.	.	.	.	.	.	.	.	.	.	.	.	0
9.50 - 9.99	.	.	.	.	.	.	.	.	.	.	.	.	0
10.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

STATION: 3

OCCURRENCES OF PEAK PERIOD BY MONTH FOR ALL YEARS

Tp(sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
3.0 - 3.9	.	.	.	.	.	.	.	.	.	.	.	.	0
4.0 - 4.9	.	.	.	2	7	4	1	8	7	7	.	.	36
5.0 - 5.9	5	9	14	54	163	260	169	348	147	105	25	13	1312
6.0 - 6.9	100	61	193	302	479	632	804	781	360	330	125	101	4268
7.0 - 7.9	378	315	324	461	595	654	776	685	536	563	306	301	5894
8.0 - 8.9	381	437	385	465	555	470	424	408	590	447	419	424	5405
9.0 - 9.9	401	444	452	404	340	225	198	148	393	439	499	513	4456
10.0 - 10.9	352	328	408	290	166	120	65	51	176	262	358	434	3010
11.0 - 11.9	361	250	301	197	101	28	20	34	92	138	269	350	2141
12.0 - 12.9	214	187	204	109	43	7	10	16	48	96	180	193	1307
13.0 - 13.9	149	116	110	58	14	.	6	1	20	55	123	98	750
14.0 - 14.9	91	72	59	41	10	.	5	.	17	21	44	39	399
15.0 - 15.9	29	22	15	15	7	.	2	.	7	8	30	10	145
16.0 - 16.9	12	13	9	2	.	.	.	.	7	7	18	4	72
17.0 - 17.9	7	5	3	.	.	.	.	.	.	1	4	.	20
18.0 - 18.9	.	1	2	.	.	.	.	.	.	1	.	.	4
19.0 - 19.9	.	.	1	.	.	.	.	.	.	.	.	.	1
20.0 - LONGER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

STATION: 3

OCCURRENCES OF PEAK DIRECTION BY MONTH FOR ALL YEARS

Dp(deg) DIRECTION BAND & CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
348.75 - 11.24 (0.0)	434	330	494	331	86	12	1	17	115	242	464	464	2990
11.25 - 33.74 (22.5)	355	406	387	356	215	58	20	58	229	464	540	424	3512
33.75 - 56.24 (45.0)	247	304	230	258	261	72	16	42	304	378	638	423	3173
56.25 - 78.74 (67.5)	479	400	404	553	470	340	510	715	826	531	360	571	6159
78.75 - 101.24 (90.0)	491	378	477	580	1163	1519	1802	1527	767	564	159	210	9637
101.25 - 123.74 (112.5)	20	17	19	70	224	364	118	116	84	92	4	7	1135
123.75 - 146.24 (135.0)	5	.	5	10	10	23	.	.	9	17	.	.	79
146.25 - 168.74 (157.5)	2	.	.	2	1	.	.	.	4	4	.	.	13
168.75 - 191.24 (180.0)	.	.	.	3	.	.	.	.	.	2	.	.	5
191.25 - 213.74 (202.5)	.	.	.	1	.	.	.	.	.	2	3	.	6
213.75 - 236.24 (225.0)	.	.	.	.	.	.	.	.	.	3	5	.	8
236.25 - 258.74 (247.5)	.	.	.	.	.	.	.	.	.	1	3	.	4
258.75 - 281.24 (270.0)	.	.	.	.	.	.	.	.	.	.	1	.	1
281.25 - 303.74 (292.5)	.	.	.	.	.	.	.	.	1	.	1	.	2
303.75 - 326.24 (315.0)	65	133	151	30	11	1	.	.	1	49	28	74	542
326.25 - 348.74 (337.5)	382	292	313	206	39	12	13	5	60	131	194	307	1954
TOTAL	2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

PUERTO RICO
WIS ATLANTIC REVISION 1956 - 1975
LAT: 19.00 N, LONG: 65.00 W, DEPTH: 999 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 3 (337.50 - 22.49) 0.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	.	1	26	17	3	7					54
1.00 - 1.99	.	1	739	1792	655	239	46	7	.	.	3479
2.00 - 2.99	.	1	30	773	958	290	57	7	.	.	2116
3.00 - 3.99	.	.	.	11	130	115	13	.	.	.	269
4.00 - 4.99	.	.	.	.	5	24	13	.	.	.	42
5.00 - 5.99	.	.	.	.	.	3	.	.	.	.	3
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	3	795	2593	1751	678	129	14	0	0	5963

STATION: 3 (22.50 - 67.49) 45.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	6	31	92	21	6						156
1.00 - 1.99	2	378	2469	1562	621	180	35	7	1	.	5255
2.00 - 2.99	.	13	454	657	333	127	30	2	.	.	1616
3.00 - 3.99	.	.	5	32	11	17	10	1	.	.	76
4.00 - 4.99	.	.	.	.	1	7	1	.	.	.	9
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8	422	3020	2272	972	331	76	10	1	0	7112

STATION: 3 (67.50 - 112.49) 90.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	11	175	54	2							242
1.00 - 1.99	12	4675	5911	1401	59	1	.	.	.	.	12059
2.00 - 2.99	.	39	1367	536	119	6	.	.	.	.	2067
3.00 - 3.99	.	.	1	35	3	.	.	.	.	.	39
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	23	4889	7333	1974	181	7	0	0	0	0	14407

STATION: 3 (112.50 - 157.49) 135.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	4	13									17
1.00 - 1.99	.	233	49	1	.	.	.	.	.	.	283
2.00 - 2.99	.	.	18	.	.	.	.	.	.	.	18
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4	246	67	1	0	0	0	0	0	0	318

STATION: 3 (157.50 - 202.49) 180.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99											0
1.00 - 1.99	1	11	2	.	.	.	.	.	.	.	14
2.00 - 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	11	2	0	0	0	0	0	0	0	14

PUERTO RICO
WIS ATLANTIC REVISION 1956 - 1975
LAT: 19.00 N LONG: 65.00 W DEPTH: 999 M
OCCURRENCES OF WAVE HEIGHT AND PEAK PERIOD FOR 45-DEG DIRECTION BANDS

STATION: 3 (202.50 - 247.49) 225.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	.	7	3	.	.	.	.	.	.	.	10
1.00 - 1.99	.	.	1	.	.	.	.	.	.	.	1
2.00 - 2.99	.	.	1	2	.	.	.	.	.	.	3
3.00 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	7	5	2	0	0	0	0	0	0	14

STATION: 3 (247.50 - 292.49) 270.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	.	.	.	.	.	.	.	.	.	.	0
1.00 - 1.99	.	.	.	.	.	.	.	.	.	.	0
2.00 - 2.99	.	.	.	1	.	.	.	.	.	.	1
3.00 - 3.99	.	.	.	2	.	.	.	.	.	.	2
4.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	0	0	3	0	0	0	0	0	0	3

STATION: 3 (292.50 - 337.49) 315.0 DEG

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	.	.	1	4	1	.	.	.	.	.	6
1.00 - 1.99	.	2	76	431	173	17	1	.	.	.	700
2.00 - 2.99	.	.	.	184	332	57	3	.	.	.	576
3.00 - 3.99	.	.	.	2	38	52	7	.	.	.	99
4.00 - 4.99	.	.	.	.	.	7	1	.	.	.	8
5.00 - 5.99	.	.	.	.	.	.	.	.	.	.	0
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	2	77	621	544	133	12	0	0	0	1389

STATION: 3 ALL DIRECTIONS

Hmo(m) \ Tp(sec)	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-LONGER	TOTAL
0.00 - 0.99	21	220	173	44	10	7	.	.	.	.	475
1.00 - 1.99	15	5307	9249	5187	1508	437	82	14	1	.	21800
2.00 - 2.99	.	53	1870	2151	1742	480	90	9	.	.	6395
3.00 - 3.99	.	.	7	84	182	184	30	1	.	.	488
4.00 - 4.99	.	.	.	.	6	38	15	.	.	.	59
5.00 - 5.99	.	.	.	.	.	3	.	.	.	.	3
6.00 - 6.99	.	.	.	.	.	.	.	.	.	.	0
7.00 - 7.99	.	.	.	.	.	.	.	.	.	.	0
8.00 - 8.99	.	.	.	.	.	.	.	.	.	.	0
9.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	36	5580	11299	7466	3448	1149	217	24	1	0	29220

STATION: 3

OCCURRENCES OF WIND SPEED BY MONTH FOR ALL YEARS

WS(m/sec)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0.00 - 2.49	23	37	44	39	27	2	1	7	27	64	53	45	369
2.50 - 4.99	804	918	1105	1045	1018	724	438	682	1309	1551	1319	956	11869
5.00 - 7.49	966	843	833	880	1047	1241	1363	1378	887	708	757	885	11788
7.50 - 9.99	665	438	494	425	384	429	676	413	175	155	263	556	5073
10.00 - 12.49	22	24	4	11	4	4	2	.	2	1	6	37	117
12.50 - 14.99	.	.	.	.	.	.	.	.	.	1	2	1	4
15.00 - 17.49	.	.	.	.	.	.	.	.	.	.	.	.	0
17.50 - 19.99	.	.	.	.	.	.	.	.	.	.	.	.	0
20.00 - GREATER	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

PUERTO RICO
WIS ATLANTIC REVISION, 1956 - 1975
LAT: 19.00 N, LONG: 65.00 W, DEPTH: 999 M

STATION: 3

OCCURRENCES OF WIND DIRECTION BY MONTH FOR ALL YEARS

DIRECTION BAND	WD(deg) CENTER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
337.50 - 22.49	(0.0)	53	45	75	48	28	5	.	7	19	34	83	76	473
22.50 - 67.49	(45.0)	502	401	453	403	221	80	238	331	320	264	705	788	4706
67.50 - 112.49	(90.0)	1496	1318	1359	1422	1494	1736	2087	1902	1485	1390	1204	1271	18164
112.50 - 157.49	(135.0)	306	335	387	382	664	551	151	211	456	545	261	240	4489
157.50 - 202.49	(180.0)	45	62	111	59	44	23	3	19	63	138	68	53	688
202.50 - 247.49	(225.0)	27	36	46	25	13	2	1	1	21	75	33	18	298
247.50 - 292.49	(270.0)	26	23	22	31	9	3	.	4	24	22	21	12	197
292.50 - 337.49	(315.0)	25	40	27	30	7	.	.	5	12	12	25	22	205
TOTAL		2480	2260	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29220

STATION: 3

SUMMARY OF MEAN Hmo(m) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.24	1.91	2.17	1.54	1.70	1.93	1.69	1.65	1.52	1.51	1.89	2.23	1.83
1957	2.20	1.99	1.63	1.89	1.29	1.29	1.47	1.44	1.32	1.29	1.76	2.23	1.65
1958	1.93	2.04	1.52	1.78	1.74	1.50	1.67	1.49	1.53	1.62	1.68	1.96	1.70
1959	2.32	2.02	1.73	1.79	1.42	1.52	1.54	1.32	1.09	1.26	1.68	1.78	1.62
1960	1.88	1.87	1.95	1.53	1.38	1.45	1.57	1.32	1.33	1.26	1.53	2.04	1.59
1961	2.00	2.16	1.77	1.43	1.43	1.61	1.70	1.40	1.24	1.59	1.69	1.90	1.66
1962	2.14	2.08	2.05	1.81	1.44	1.43	1.60	1.52	1.38	1.20	1.62	1.82	1.67
1963	2.21	1.84	2.00	1.47	1.53	1.32	1.52	1.24	1.35	1.29	1.68	1.67	1.59
1964	1.95	1.80	2.11	1.64	1.30	1.41	1.71	1.41	1.38	1.43	1.78	2.32	1.69
1965	2.38	1.96	1.67	1.59	1.49	1.35	1.60	1.39	1.46	1.50	1.69	1.71	1.65
1966	2.25	2.28	1.82	1.72	1.75	1.61	1.65	1.50	1.25	1.24	2.22	2.06	1.78
1967	2.12	1.97	2.04	1.78	1.81	1.41	1.82	1.31	1.41	1.31	1.78	2.21	1.75
1968	1.97	1.93	1.99	1.75	1.35	1.28	1.32	1.16	1.47	1.42	1.82	2.08	1.63
1969	2.15	2.38	2.03	1.56	1.50	1.19	1.40	1.43	1.29	1.51	2.19	1.98	1.72
1970	1.86	1.97	1.91	1.89	1.36	1.71	1.76	1.54	1.42	1.67	1.96	2.08	1.76
1971	2.12	2.08	1.83	1.59	1.37	1.49	1.45	1.43	1.33	1.34	1.71	2.18	1.66
1972	1.89	1.76	1.64	1.64	1.59	1.30	1.60	1.43	1.40	1.23	1.55	1.83	1.57
1973	1.73	1.73	1.68	1.52	1.64	1.50	1.23	1.35	1.43	1.41	1.51	1.83	1.55
1974	1.99	1.80	1.60	1.63	1.22	1.17	1.20	1.32	1.37	1.53	1.77	1.88	1.54
1975	2.61	1.97	2.23	1.94	1.44	1.25	1.42	1.23	1.47	1.52	1.84	2.86	1.82
MEAN	2.10	1.98	1.87	1.67	1.49	1.44	1.55	1.39	1.37	1.41	1.77	2.03	

STATION: 3

MAX Hmo(m)*10 WITH ASSOCIATED Tp(sec) AND Dp(deg/10) BY MONTH AND YEAR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MAX
1956	5213 0	3510 6	32 9 8	271133	24 8 8	26 9 8	2610 8	31 9 7	251136	2410 1	37 923	33 9 9	5213 0
1957	311133	28 8 9	261033	281010	1711 2	18 810	28 9 9	27 9 9	19 7 7	24 9 5	2815 4	451434	451434
1958	311235	341332	241132	26 935	29 8 9	2310 8	2910 6	24 810	23 8 8	37 9 7	23 8 7	2710 1	37 9 7
1959	4214 0	31 9 4	2812 8	27 8 8	18 7 9	22 710	23 7 8	2511 8	17 610	22 7 9	2615 2	251131	4214 0
1960	2713 0	3213 0	331334	20 7 8	2511 0	22 9 9	20 9 8	18 710	201136	1812 4	23 9 6	311233	331334
1961	2713 9	321235	301336	241033	20 7 9	23 8 8	2610 9	20 710	19 7 6	231135	2713 4	311136	321235
1962	29 9 7	321234	421534	26 8 8	2210 2	17 6 8	2210 9	20 6 6	2110 9	181132	311433	2711 1	421534
1963	351533	27 9 1	301035	22 8 4	19 610	18 712	24 8 8	21 8 8	2611 0	19 722	231133	221134	351533
1964	311334	291436	441536	24 8 8	241233	21 7 8	2510 9	25 8 7	2210 8	22 710	29 8 9	34 9 5	441536
1965	401636	271332	281232	271336	20 710	22 7 9	21 7 7	19 7 7	2010 4	3413 0	2611 4	28 9 4	401636
1966	401434	341233	24 7 9	30 8 7	24 7 8	23 8 7	21 7 9	29 9 6	20 710	18 935	3211 4	3010 1	401434
1967	29 7 8	331233	301133	321534	311433	27 8 9	26 8 9	18 6 9	17 7 7	18 9 6	3010 3	4314 0	4314 0
1968	3412 1	371433	361235	351435	18 8 4	17 510	16 610	21 710	2310 1	2113 3	341135	3713 0	3713 0
1969	4312 1	431433	2912 0	25 7 9	23 9 9	16 611	22 710	20 7 8	191233	2411 0	3111 2	31433	431433
1970	311233	261233	2611 6	281135	17 9 3	22 810	26 9 8	21 710	21 710	2111 2	491636	32 8 6	491636
1971	321233	29 8 8	331234	30 9 5	18 610	23 8 9	20 7 9	23 810	19 9 1	21 8 9	2711 0	3111 1	331234
1972	26 8 7	25 935	21 710	2215 2	2215 4	16 610	21 810	22 710	22 8 9	18 9 0	20 7 6	251135	26 8 7
1973	2310 3	241233	251135	22 9 3	2110 9	2110 8	16 5 8	20 8 8	2612 2	2211 2	23 8 4	25 8 7	2612 2
1974	23 7 6	231035	19 7 7	22 9 2	17 7 1	18 7 9	15 6 7	26 9 6	23 7 8	291136	2813 0	281136	291136
1975	401336	2812 1	3316 4	301434	20 7 9	1711 3	321233	21 7 8	2710 5	23 8 8	2712 3	4412 3	4412 3
MAX	5213 0	431433	441536	351435	311433	27 8 9	321233	31 9 7	2710 5	37 9 7	491636	451434	

MAX Hmo(m): 5.2 MAX Tp(sec): 13. MAX Dp(deg): 0. DATE(gmt): 56010800

MAX WIND SPEED(m/sec): 13. MAX WIND DIRECTION(deg): 80. DATE(gmt): 58100200

APPENDIX B

RETURN PERIOD TABLE

STATION 1 (24.50N, 81.25W) DEPTH: 183 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.39	3.71	3.94	4.16	4.23	4.44
TYPE II	3.40	3.78	4.08	4.40	4.50	4.84

STATION 2 (24.50N, 81.00W) DEPTH: 183 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.50	3.77	3.96	4.14	4.20	4.38
TYPE II	3.53	3.83	4.05	4.28	4.36	4.60

STATION 3 (24.50N, 80.75W) DEPTH: 183 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.94	4.28	4.51	4.73	4.80	5.02
TYPE II	3.90	4.32	4.65	4.98	5.09	5.45

STATION 4 (24.75N, 80.50W) DEPTH: 165 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.07	4.42	4.66	4.90	4.97	5.20
TYPE II	4.03	4.47	4.81	5.16	5.27	5.65

STATION 5 (25.00N, 80.25W) DEPTH: 183 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.15	4.47	4.68	4.89	4.96	5.16
TYPE II	4.13	4.52	4.81	5.11	5.21	5.53

STATION 6 (25.25N, 80.00W) DEPTH: 275 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.53	5.13	5.53	5.93	6.05	6.44
TYPE II	4.51	5.24	5.82	6.44	6.65	7.35

STATION 7 (25.50N, 80.00W) DEPTH: 366 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.50	5.11	5.53	5.93	6.06	6.46
TYPE II	4.47	5.22	5.81	6.45	6.67	7.40

STATION 8 (25.75N, 80.00W) DEPTH: 366 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.51	5.14	5.57	5.98	6.11	6.52
TYPE II	4.48	5.26	5.88	6.55	6.78	7.54

STATION 9 (26.00N, 80.00W) DEPTH: 220 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.47	5.11	5.54	5.96	6.09	6.51
TYPE II	4.44	5.21	5.83	6.50	6.73	7.48

STATION 10 (26.25N, 80.00W) DEPTH: 183 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.53	5.19	5.64	6.07	6.21	6.64
TYPE II	4.48	5.29	5.94	6.65	6.89	7.70

STATION 11 (26.50N, 80.00W) DEPTH: 90 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.59	5.22	5.66	6.08	6.22	6.63
TYPE II	4.54	5.33	5.98	6.67	6.91	7.71

STATION 12 (26.75N, 80.00W) DEPTH: 45 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.50	5.03	5.40	5.76	5.87	6.22
TYPE II	4.48	5.13	5.65	6.20	6.38	6.99

STATION 13 (27.00N, 80.00W) DEPTH: 45 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.68	5.23	5.61	5.98	6.10	6.46
TYPE II	4.68	5.34	5.86	6.41	6.59	7.20

STATION 14 (27.25N, 80.00W) DEPTH: 55 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.69	5.27	5.67	6.06	6.19	6.57
TYPE II	4.62	5.35	5.92	6.54	6.75	7.44

STATION 15 (27.50N, 80.00W) DEPTH: 55 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.64	5.25	5.67	6.08	6.21	6.61
TYPE II	4.62	5.38	5.98	6.64	6.86	7.59

STATION 16 (27.75N, 80.00W) DEPTH: 45 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.66	5.20	5.58	5.95	6.06	6.42
TYPE II	4.58	5.28	5.84	6.44	6.64	7.30

STATION 17 (28.00N, 80.25W) DEPTH: 24 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.24	4.71	5.04	5.35	5.45	5.75
TYPE II	4.21	4.82	5.29	5.80	5.97	6.53

STATION 18 (28.25N, 80.25W) DEPTH: 22 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.22	4.69	5.01	5.33	5.42	5.73
TYPE II	4.15	4.81	5.33	5.89	6.08	6.70

STATION 19 (28.50N, 80.25W) DEPTH: 27 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.46	5.00	5.37	5.73	5.84	6.19
TYPE II	4.42	5.10	5.65	6.23	6.43	7.08

STATION 20 (28.75N, 80.25W) DEPTH: 36 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.95	5.48	5.85	6.21	6.32	6.67
TYPE II	4.92	5.58	6.08	6.62	6.80	7.39

STATION 21 (29.00N, 80.50W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.45	4.89	5.19	5.49	5.58	5.87
TYPE II	4.41	4.93	5.32	5.74	5.88	6.33

STATION 22 (29.25N, 80.75W) DEPTH: 22 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.56	5.01	5.32	5.62	5.72	6.01
TYPE II	4.55	5.04	5.42	5.81	5.94	6.36

STATION 23 (29.50N, 81.00W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.31	4.69	4.95	5.21	5.29	5.54
TYPE II	4.29	4.73	5.06	5.41	5.52	5.90

STATION 24 (28.75N, 81.00W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.35	4.69	4.92	5.15	5.22	5.44
TYPE II	4.33	4.73	5.02	5.33	5.43	5.75

STATION 25 (30.00N, 81.00W) DEPTH: 20 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.50	4.84	5.08	5.30	5.37	5.59
TYPE II	4.49	4.88	5.18	5.48	5.58	5.89

STATION 26 (30.25N, 81.25W) DEPTH: 9 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.64	3.99	4.22	4.46	4.53	4.76
TYPE II	3.61	4.03	4.36	4.71	4.82	5.19

STATION 27 (30.50N, 81.25W) DEPTH: 11 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.70	4.02	4.23	4.45	4.51	4.72
TYPE II	3.74	4.08	4.34	4.60	4.69	4.98

STATION 28 (30.75N, 81.25W) DEPTH: 11 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.52	3.81	4.01	4.20	4.26	4.44
TYPE II	3.54	3.87	4.12	4.38	4.47	4.74

STATION 29 (31.00N, 81.25W) DEPTH: 9 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.23	3.51	3.71	3.89	3.95	4.14
TYPE II	3.21	3.57	3.85	4.14	4.23	4.55

STATION 30 (31.25N, 81.00W) DEPTH: 11 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.63	3.89	4.07	4.24	4.29	4.46
TYPE II	3.65	3.95	4.18	4.42	4.49	4.74

STATION 31 (31.50N, 81.00W) DEPTH: 9 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.38	3.63	3.79	3.96	4.01	4.17
TYPE II	3.41	3.68	3.88	4.08	4.15	4.37

STATION 32 (31.75N, 80.75W) DEPTH: 11 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.65	3.92	4.11	4.29	4.35	4.53
TYPE II	3.66	3.99	4.23	4.49	4.57	4.84

STATION 33 (32.00N, 80.50W) DEPTH: 13 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.83	4.22	4.48	4.74	4.82	5.07
TYPE II	3.84	4.40	4.85	5.33	5.49	6.03

STATION 34 (32.25N, 80.25W) DEPTH: 13 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.79	4.21	4.51	4.79	4.88	5.16
TYPE II	3.81	4.42	4.91	5.45	5.63	6.23

STATION 35 (32.50N, 80.00W) DEPTH: 9 Meters *** POSSIBLY DEPTH-LIMITED ***

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.59	3.98	4.25	4.51	4.59	4.84
TYPE II	3.60	4.14	4.58	5.05	5.21	5.74

STATION 36 (32.75N, 79.50W) DEPTH: 11 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.73	4.11	4.36	4.61	4.69	4.93
TYPE II	3.67	4.16	4.54	4.94	5.07	5.51

STATION 37 (33.00N, 79.00W) DEPTH: 20 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.50	4.85	5.09	5.32	5.40	5.62
TYPE II	4.49	4.92	5.25	5.59	5.70	6.06

STATION 38 (33.25N, 79.00W) DEPTH: 5 Meters *** POSSIBLY DEPTH-LIMITED ***

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.19	3.20	3.22	3.23	3.23	3.24
TYPE II	3.20	3.20	3.20	3.20	3.20	3.20

STATION 39 (33.50N, 78.75W) DEPTH: 11 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.76	4.15	4.42	4.68	4.76	5.01
TYPE II	3.70	4.19	4.58	4.98	5.11	5.56

STATION 40 (33.75N, 78.50W) DEPTH: 9 Meters *** POSSIBLY DEPTH-LIMITED ***

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.70	4.08	4.34	4.60	4.68	4.92
TYPE II	3.75	4.28	4.70	5.15	5.31	5.81

STATION 41 (33.75N, 78.00W) DEPTH: 9 Meters *** POSSIBLY DEPTH-LIMITED ***

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.23	4.63	4.91	5.17	5.26	5.52
TYPE II	4.32	4.81	5.20	5.60	5.74	6.18

STATION 42 (34.00N, 77.75W) DEPTH: 9 Meters *** POSSIBLY DEPTH-LIMITED ***

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.28	4.77	5.10	5.42	5.52	5.84
TYPE II	4.31	4.97	5.49	6.06	6.25	6.89

STATION 43 (34.25N, 77.50W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.42	4.80	5.05	5.30	5.38	5.63
TYPE II	4.52	4.98	5.33	5.70	5.83	6.23

STATION 44 (34.25N, 77.25W) DEPTH: 22 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.79	5.19	5.47	5.74	5.82	6.09
TYPE II	4.87	5.38	5.77	6.18	6.32	6.76

STATION 45 (34.25N, 77.00W) DEPTH: 27 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.17	5.62	5.93	6.22	6.32	6.61
TYPE II	5.29	5.80	6.20	6.61	6.74	7.18

STATION 46 (34.50N, 76.75W) DEPTH: 20 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.81	5.19	5.45	5.70	5.78	6.03
TYPE II	4.87	5.33	5.68	6.04	6.16	6.55

STATION 47 (34.50N, 76.50W) DEPTH: 9 Meters *** POSSIBLY DEPTH-LIMITED ***

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.55	4.99	5.29	5.58	5.67	5.96
TYPE II	4.56	5.13	5.57	6.03	6.19	6.70

STATION 48 (34.75N, 76.25W) DEPTH: 22 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.81	5.15	5.37	5.59	5.66	5.88
TYPE II	4.93	5.28	5.53	5.80	5.89	6.17

STATION 49 (34.75N, 76.00W) DEPTH: 35 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.42	5.76	5.99	6.22	6.29	6.51
TYPE II	5.42	5.81	6.10	6.39	6.49	6.79

STATION 50 (35.00N, 75.75W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.82	5.30	5.63	5.95	6.05	6.36
TYPE II	4.74	5.35	5.82	6.32	6.49	7.03

STATION 51 (35.00N, 75.50W) DEPTH: 35 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.80	6.35	6.73	7.09	7.21	7.56
TYPE II	5.80	6.50	7.05	7.63	7.83	8.46

STATION 52 (35.25N, 75.25W) DEPTH: 22 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.83	6.41	6.82	7.20	7.33	7.71
TYPE II	5.81	6.49	7.02	7.56	7.75	8.34

STATION 53 (35.50N, 75.25W) DEPTH: 27 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	6.40	7.15	7.66	8.15	8.31	8.79
TYPE II	6.38	7.23	7.90	8.60	8.84	9.61

STATION 54 (35.75N, 75.25W) DEPTH: 29 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	6.52	7.25	7.74	8.23	8.38	8.85
TYPE II	6.47	7.34	8.01	8.72	8.96	9.75

STATION 55 (36.00N, 75.25W) DEPTH: 37 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	5	50
TYPE I	6.72	7.47	7.98	8.48	8.63	9.12
TYPE II	6.69	7.56	8.23	8.93	9.17	9.94

STATION 56 (36.25N, 75.50W) DEPTH: 27 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	6.02	6.63	7.05	7.45	7.58	7.97
TYPE II	6.01	6.70	7.23	7.78	7.96	8.55

STATION 57 (36.50N, 75.75W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.20	5.78	6.18	6.57	6.69	7.07
TYPE II	5.19	5.85	6.36	6.90	7.08	7.67

STATION 58 (36.75N, 75.75W) DEPTH: 11 Meters *** POSSIBLY DEPTH-LIMITED ***

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.99	5.63	6.07	6.50	6.63	7.05
TYPE II	4.92	5.71	6.33	7.00	7.23	7.98

STATION 59 (37.00N, 75.75W) DEPTH: 14 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.89	5.43	5.80	6.15	6.27	6.62
TYPE II	4.88	5.49	5.95	6.44	6.61	7.14

STATION 60 (37.25N, 75.50W) DEPTH: 24 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.79	6.36	6.75	7.13	7.25	7.62
TYPE II	5.78	6.44	6.94	7.46	7.64	8.20

STATION 61 (37.50N, 75.50W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.10	5.56	5.88	6.19	6.29	6.59
TYPE II	5.10	5.62	6.02	6.44	6.58	7.02

STATION 62 (37.75N, 75.25W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.24	5.72	6.04	6.35	6.45	6.76
TYPE II	5.24	5.78	6.19	6.62	6.76	7.22

STATION 63 (38.00N, 75.00W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.39	6.00	6.42	6.82	6.95	7.34
TYPE II	5.36	6.04	6.57	7.13	7.31	7.92

STATION 64 (38.25N, 75.00W) DEPTH: 16 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.19	5.72	6.09	6.44	6.55	6.90
TYPE II	5.15	5.77	6.25	6.74	6.91	7.45

STATION 65 (38.50N, 75.00W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.03	5.55	5.90	6.25	6.36	6.69
TYPE II	4.98	5.57	6.02	6.49	6.65	7.17

STATION 66 (38.75N, 75.00W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.18	4.46	4.64	4.82	4.88	5.06
TYPE II	4.18	4.50	4.74	4.98	5.06	5.31

STATION 67 (39.00N, 74.50W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.97	5.41	5.71	6.00	6.09	6.37
TYPE II	4.90	5.45	5.86	6.30	6.44	6.91

STATION 68 (39.25N, 74.25W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.01	5.44	5.74	6.03	6.12	6.40
TYPE II	4.96	5.49	5.90	6.32	6.47	6.92

STATION 69 (39.50N, 74.00W) DEPTH: 22 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.35	5.90	6.28	6.65	6.77	7.13
TYPE II	5.27	5.96	6.50	7.06	7.25	7.87

STATION 70 (39.75N, 74.00W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.09	5.67	6.06	6.45	6.57	6.94
TYPE II	5.01	5.75	6.32	6.93	7.14	7.82

STATION 71 (40.00N, 74.00W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.77	5.33	5.71	6.08	6.20	6.56
TYPE II	4.69	5.40	5.95	6.55	6.75	7.41

STATION 72 (40.25N, 73.75W) DEPTH: 27 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.89	5.47	5.87	6.26	6.38	6.76
TYPE II	4.78	5.55	6.16	6.81	7.03	7.76

STATION 73 (40.50N, 73.75W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.28	4.73	5.04	5.35	5.44	5.74
TYPE II	4.20	4.79	5.25	5.74	5.91	6.45

STATION 74 (40.50N, 73.50W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.39	4.86	5.19	5.51	5.61	5.92
TYPE II	4.31	4.93	5.42	5.94	6.11	6.69

STATION 75 (40.50N, 73.25W) DEPTH: 24 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.81	5.34	5.70	6.05	6.16	6.51
TYPE II	4.74	5.41	5.92	6.47	6.66	7.27

STATION 76 (40.50N, 73.00W) DEPTH: 31 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.22	5.79	6.18	6.55	6.67	7.05
TYPE II	5.14	5.86	6.41	7.00	7.20	7.85

STATION 77 (40.50N, 72.75W) DEPTH: 37 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.56	6.18	6.61	7.02	7.15	7.56
TYPE II	5.50	6.24	6.82	7.44	7.64	8.32

STATION 78 (40.75N, 72.50W) DEPTH: 27 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.06	5.57	5.92	6.26	6.36	6.69
TYPE II	5.05	5.63	6.06	6.52	6.67	7.16

STATION 79 (40.75N, 72.25W) DEPTH: 38 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.55	6.06	6.42	6.76	6.87	7.20
TYPE II	5.51	6.13	6.61	7.11	7.28	7.81

STATION 80 (40.75N, 72.00W) DEPTH: 38 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.72	6.20	6.52	6.84	6.94	7.25
TYPE II	5.70	6.26	6.68	7.12	7.27	7.73

STATION 81 (41.00N, 71.75W) DEPTH: 36 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.51	5.96	6.26	6.56	6.65	6.94
TYPE II	5.48	6.03	6.45	6.88	7.02	7.49

STATION 82 (41.00N, 71.50W) DEPTH: 46 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.82	6.31	6.65	6.97	7.08	7.40
TYPE II	5.81	6.39	6.83	7.28	7.43	7.92

STATION 83 (41.25N, 71.25W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.79	5.11	5.34	5.55	5.62	5.83
TYPE II	4.82	5.16	5.41	5.67	5.76	6.02

STATION 84 (41.25N, 71.00W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.96	5.31	5.55	5.78	5.85	6.08
TYPE II	4.96	5.36	5.66	5.97	6.07	6.39

STATION 85 (41.25N, 70.75W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.06	5.43	5.68	5.92	6.00	6.24
TYPE II	5.02	5.49	5.84	6.21	6.33	6.72

STATION 86 (41.25N, 70.50W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.10	5.48	5.74	5.99	6.06	6.31
TYPE II	5.07	5.53	5.88	6.23	6.35	6.73

STATION 87 (41.25N, 70.25W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.14	5.53	5.79	6.05	6.13	6.39
TYPE II	5.11	5.58	5.93	6.30	6.42	6.81

STATION 88 (41.00N, 70.00W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	6.06	6.57	6.92	7.25	7.36	7.69
TYPE II	6.02	6.64	7.12	7.61	7.77	8.29

STATION 89 (41.25N, 69.75W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	6.03	6.53	6.88	7.21	7.31	7.64
TYPE II	6.04	6.58	6.99	7.40	7.54	7.99

STATION 90 (41.50N, 69.75W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.86	6.44	6.83	7.21	7.33	7.70
TYPE II	5.85	6.52	7.03	7.56	7.74	8.31

STATION 91 (41.75N, 69.75W) DEPTH: 91 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	7.10	7.92	8.48	9.02	9.20	9.73
TYPE II	7.06	8.03	8.79	9.59	9.86	10.74

STATION 92 (42.00N, 69.75W) DEPTH: 137 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	7.27	7.87	8.29	8.68	8.81	9.20
TYPE II	7.25	7.96	8.50	9.06	9.24	9.84

STATION 93 (42.00N, 70.50W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.06	5.47	5.76	6.03	6.12	6.39
TYPE II	5.06	5.54	5.89	6.26	6.38	6.77

STATION 94 (42.25N, 70.50W) DEPTH: 27 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	6.02	6.61	7.02	7.42	7.55	7.94
TYPE II	5.99	6.70	7.25	7.82	8.01	8.63

STATION 95 (42.50N, 70.50W) DEPTH: 55 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	6.58	7.40	7.96	8.51	8.68	9.22
TYPE II	6.49	7.48	8.26	9.09	9.38	10.30

STATION 96 (42.75N, 70.50W) DEPTH: 55 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	6.43	7.15	7.65	8.13	8.28	8.75
TYPE II	6.38	7.23	7.90	8.60	8.84	9.62

STATION 97 (43.00N, 70.50W) DEPTH: 37 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	6.15	6.90	7.41	7.90	8.06	8.54
TYPE II	6.11	6.98	7.66	8.38	8.62	9.42

STATION 98 (43.25N, 70.50W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.27	5.94	6.40	6.85	6.99	7.43
TYPE II	5.23	6.02	6.64	7.30	7.52	8.26

STATION 99 (43.50N, 70.25W) DEPTH: 18 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.89	5.41	5.77	6.12	6.23	6.57
TYPE II	4.86	5.49	5.98	6.50	6.67	7.24

STATION 100 (43.50N, 69.75W) DEPTH: 110 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	6.06	6.72	7.18	7.62	7.76	8.20
TYPE II	6.01	6.82	7.45	8.12	8.34	9.07

STATION 101 (43.75N, 69.50W) DEPTH: 27 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.16	5.59	5.89	6.18	6.27	6.56
TYPE II	5.13	5.67	6.07	6.49	6.63	7.08

STATION 102 (43.75N, 69.00W) DEPTH: 37 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.89	6.48	6.89	7.28	7.40	7.79
TYPE II	5.85	6.57	7.12	7.70	7.90	8.53

STATION 103 (44.00N, 68.50W) DEPTH: 37 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	6.01	6.61	7.02	7.41	7.54	7.93
TYPE II	5.97	6.69	7.24	7.82	8.02	8.65

STATION 104 (44.25N, 68.00W) DEPTH: 37 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.87	6.46	6.87	7.26	7.39	7.77
TYPE II	5.81	6.54	7.10	7.69	7.89	8.54

STATION 105 (44.25N, 67.50W) DEPTH: 91 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	6.19	6.97	7.50	8.02	8.18	8.69
TYPE II	6.08	7.05	7.82	8.65	8.93	9.85

STATION 106 (44.25N, 66.75W) DEPTH: 183 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	6.25	6.80	7.17	7.53	7.65	8.01
TYPE II	6.20	6.86	7.36	7.87	8.05	8.60

STATION 107 (44.50N, 66.50W) DEPTH: 183 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	5.52	6.17	6.63	7.06	7.20	7.63
TYPE II	5.45	6.25	6.88	7.54	7.77	8.51

STATION 108 (44.75N, 66.25W) DEPTH: 110 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.61	5.14	5.50	5.85	5.96	6.30
TYPE II	4.63	5.34	5.92	6.53	6.74	7.43

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STATION 1 (19.00N, 67.00W) DEPTH: 999 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	3.93	4.24	4.46	4.66	4.73	4.93
TYPE II	3.92	4.28	4.55	4.83	4.92	5.22

STATION 2 (19.00N, 66.00W) DEPTH: 999 Meters

	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.00	4.33	4.55	4.77	4.84	5.06
TYPE II	4.00	4.37	4.65	4.93	5.03	5.33

STATION 3 (19.00N, 65.00W) DEPTH: 999 Meters

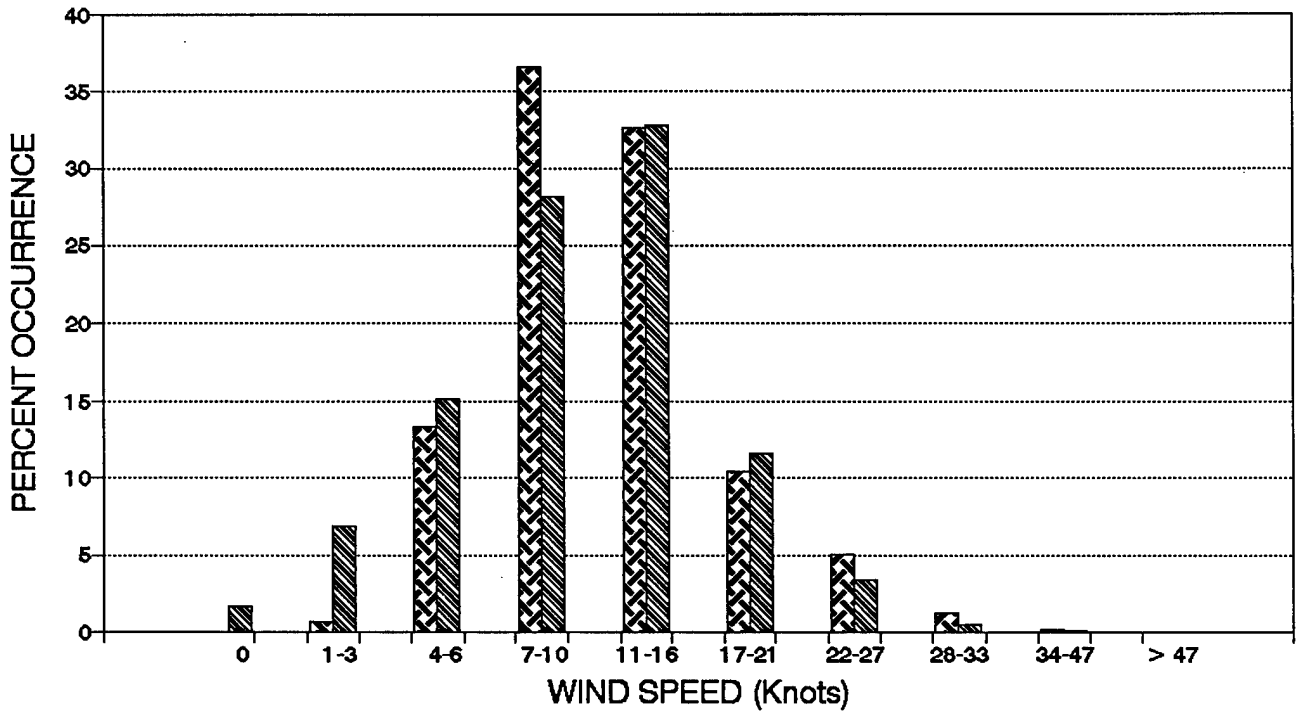
	RETURN PERIOD (Years)					
	2	5	10	20	25	50
TYPE I	4.04	4.44	4.71	4.97	5.06	5.32
TYPE II	4.04	4.49	4.84	5.21	5.33	5.72

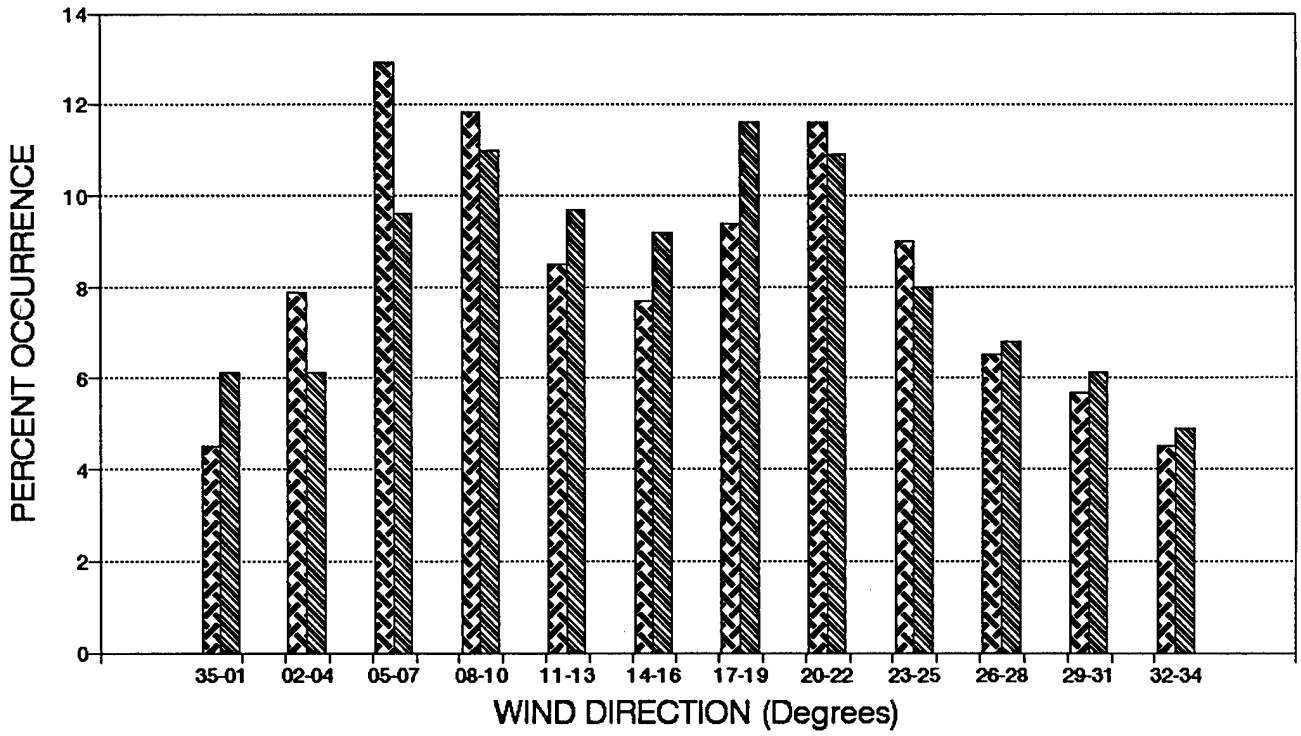
APPENDIX C

COMPARISON OF MEASURED AND HINDCAST WIND SPEEDS AND DIRECTIONS

CLIMATIC WIND COMPARISON

WIS (29N, 77W) vs 41006 (29.3N, 77.3W)

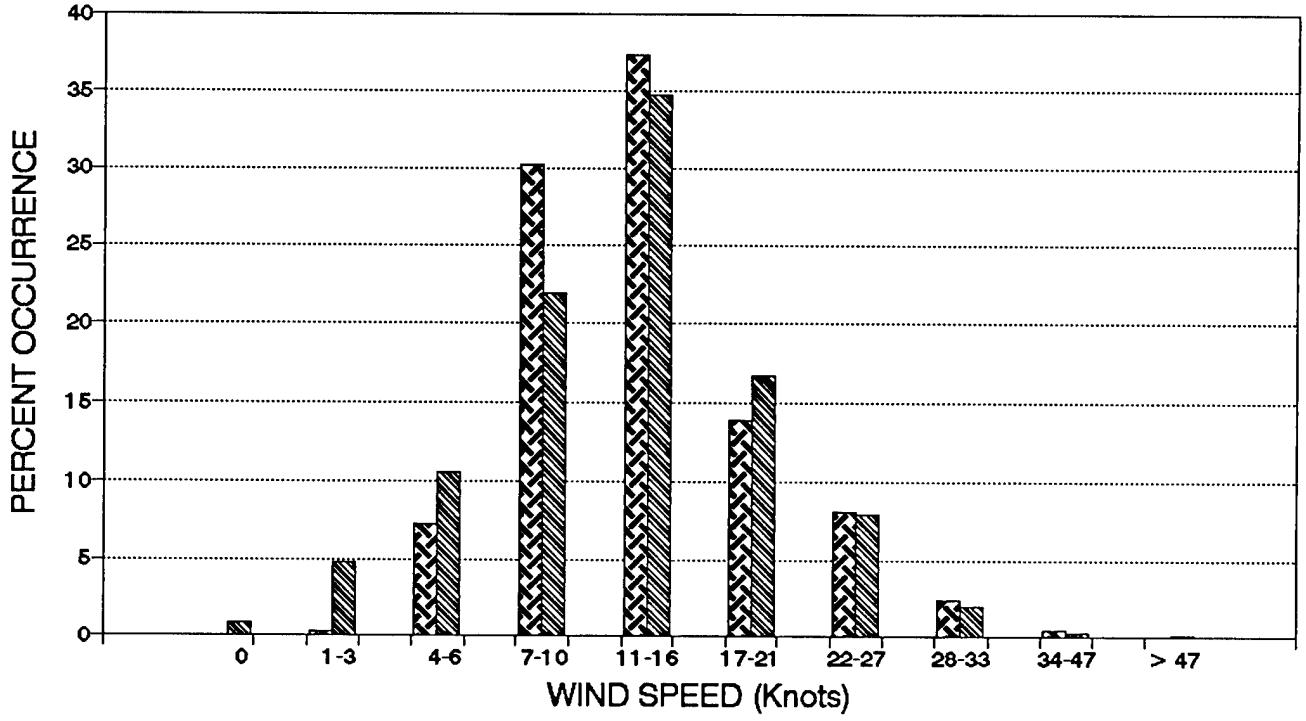


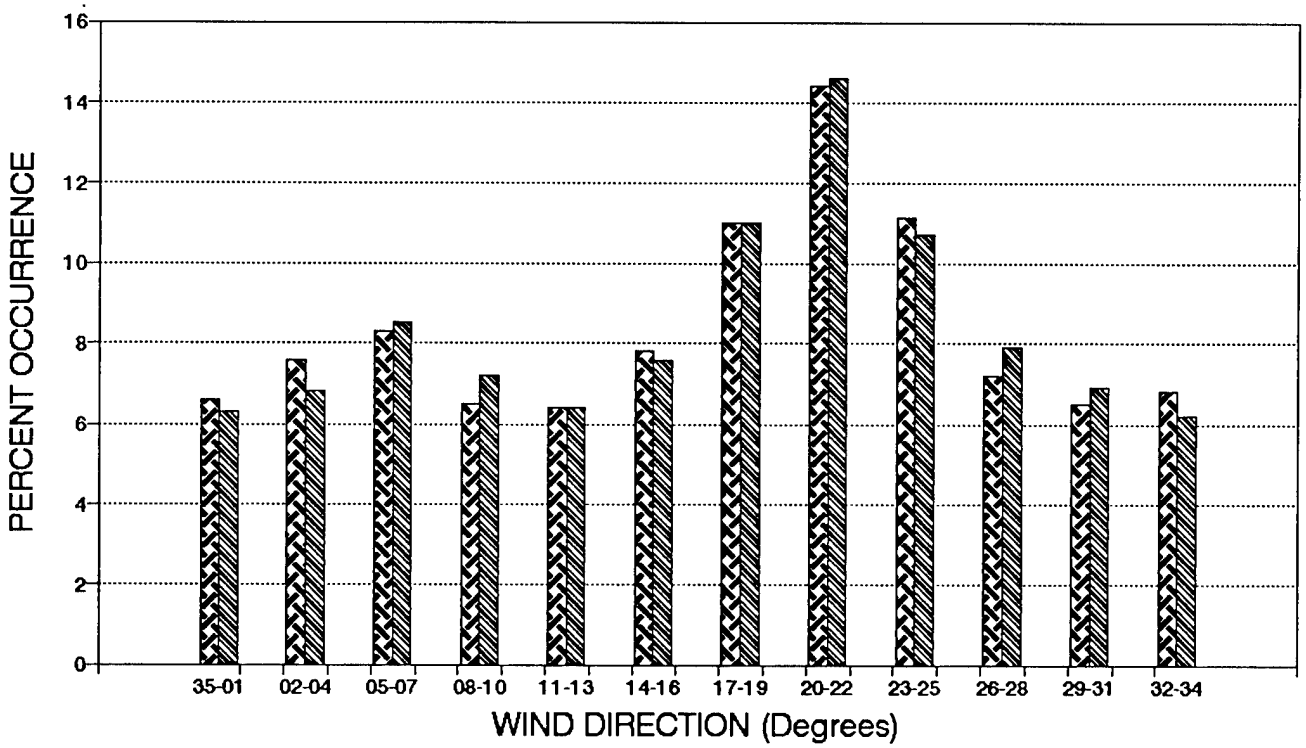


WIS (1956-1975) 41006 (1982-1988)

CLIMATIC WIND COMPARISON

WIS (32N, 75W) vs 41002 (32.3N, 75.3W)

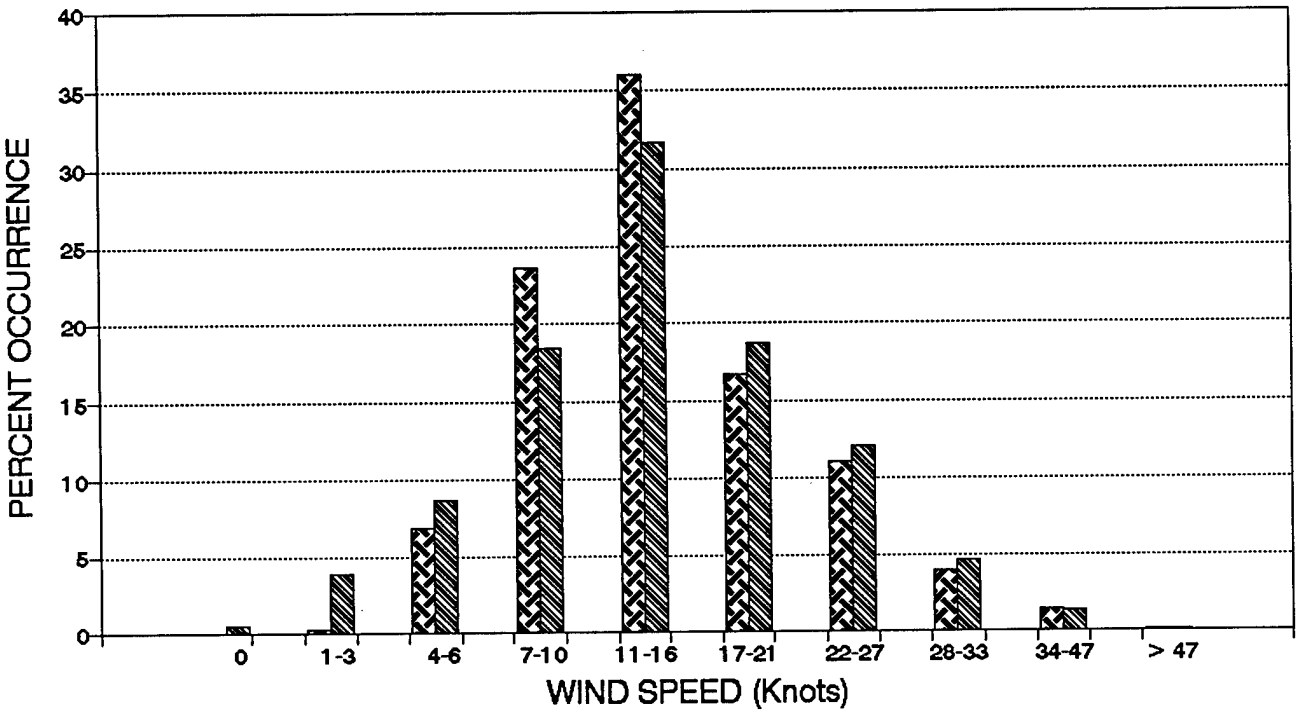


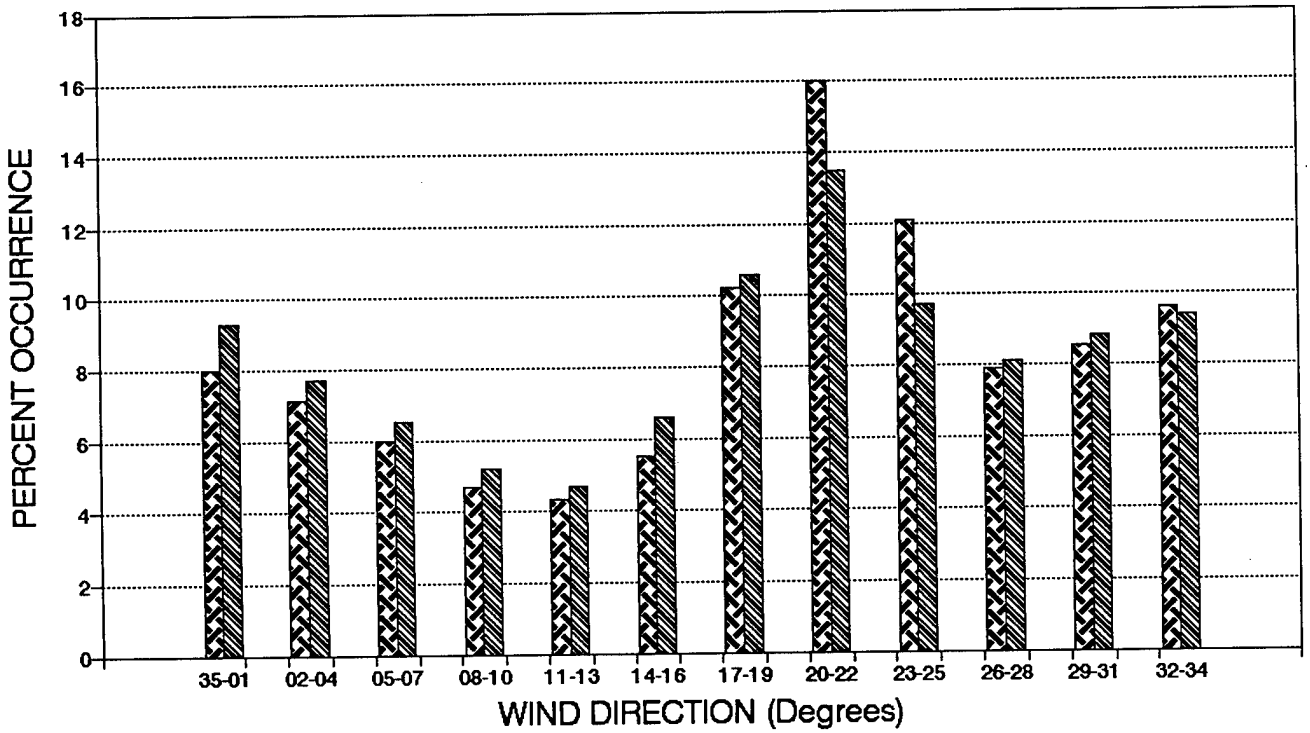


WIS (1956-1975) 41002 (1974-1988)

CLIMATIC WIND COMPARISON

WIS (35N, 73W) vs 41001 (34.9N, 72.9W)

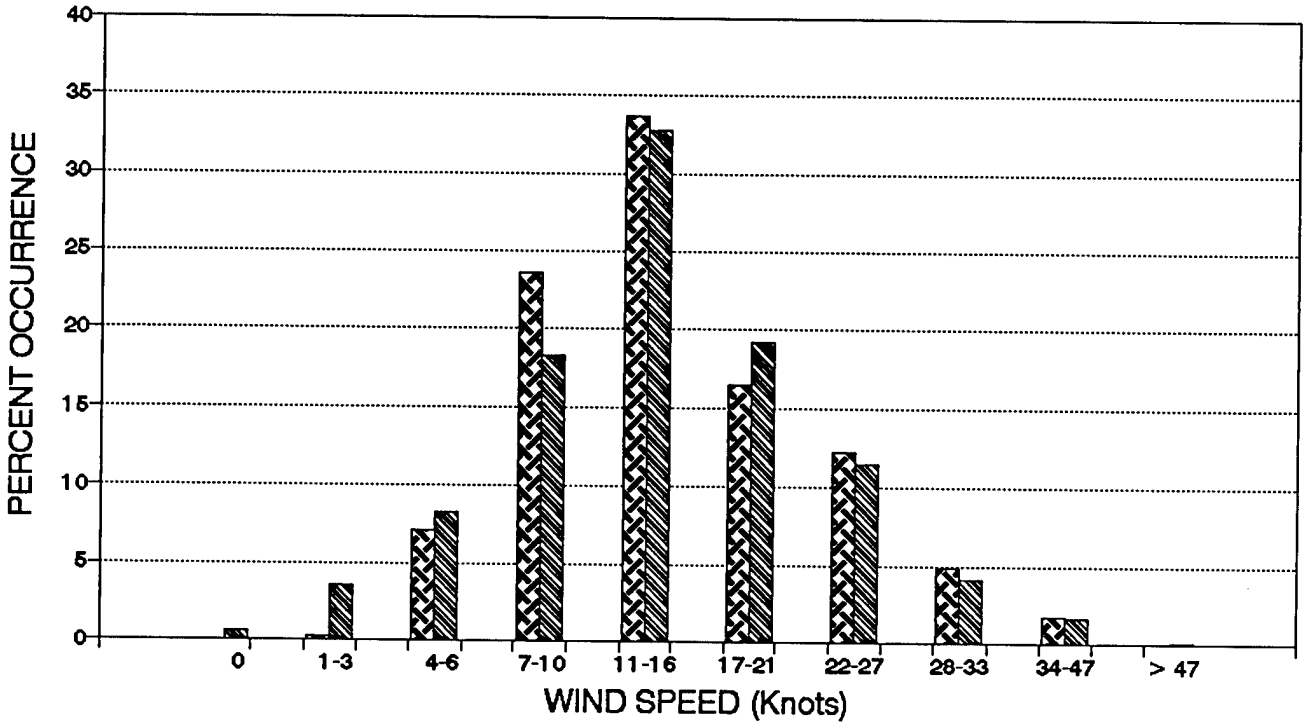


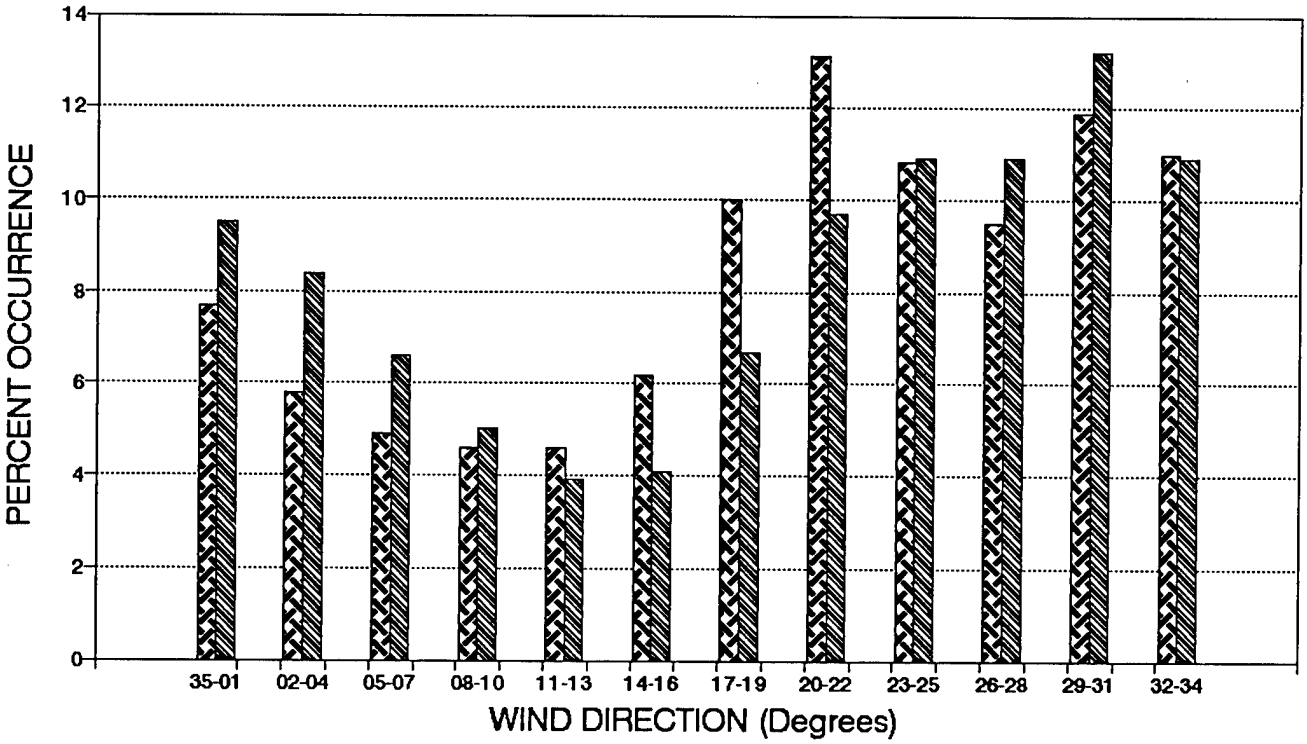


WIS (1956-1975) 41001 (1975-1988)

CLIMATIC WIND COMPARISON

WIS (38N, 71W) vs 44004 (38.5N, 70.7W)

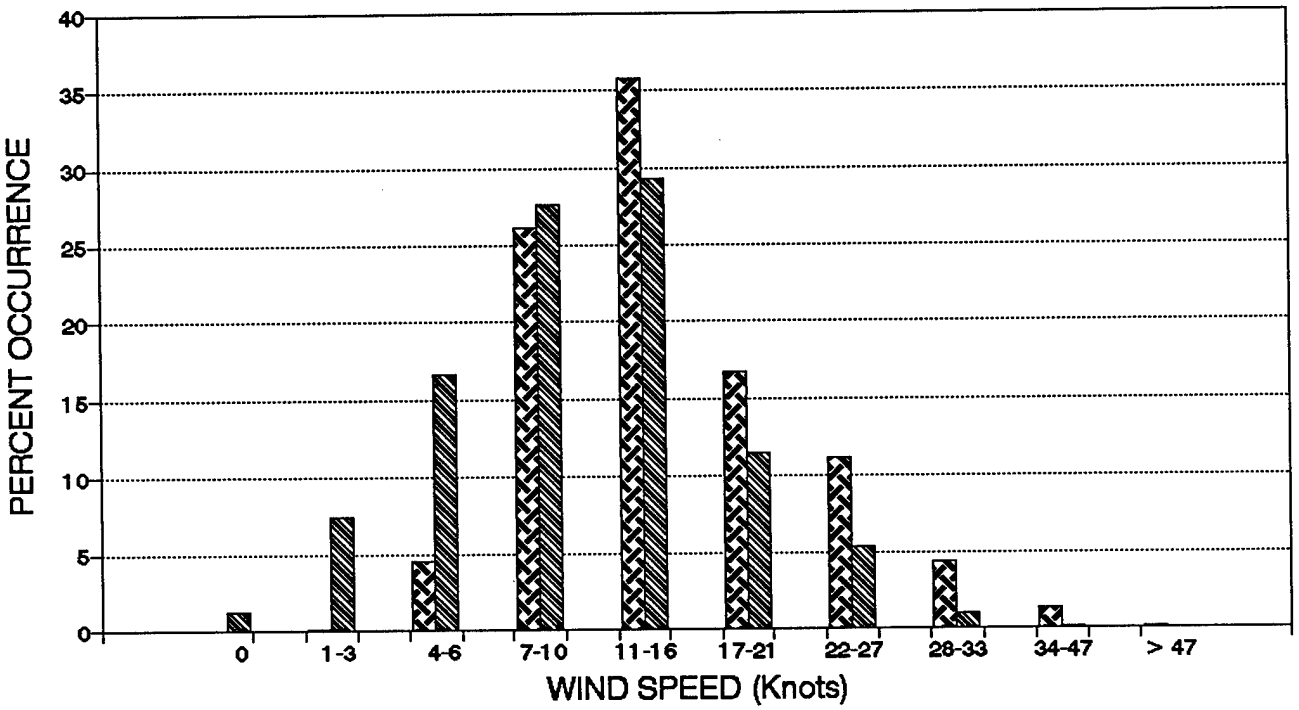


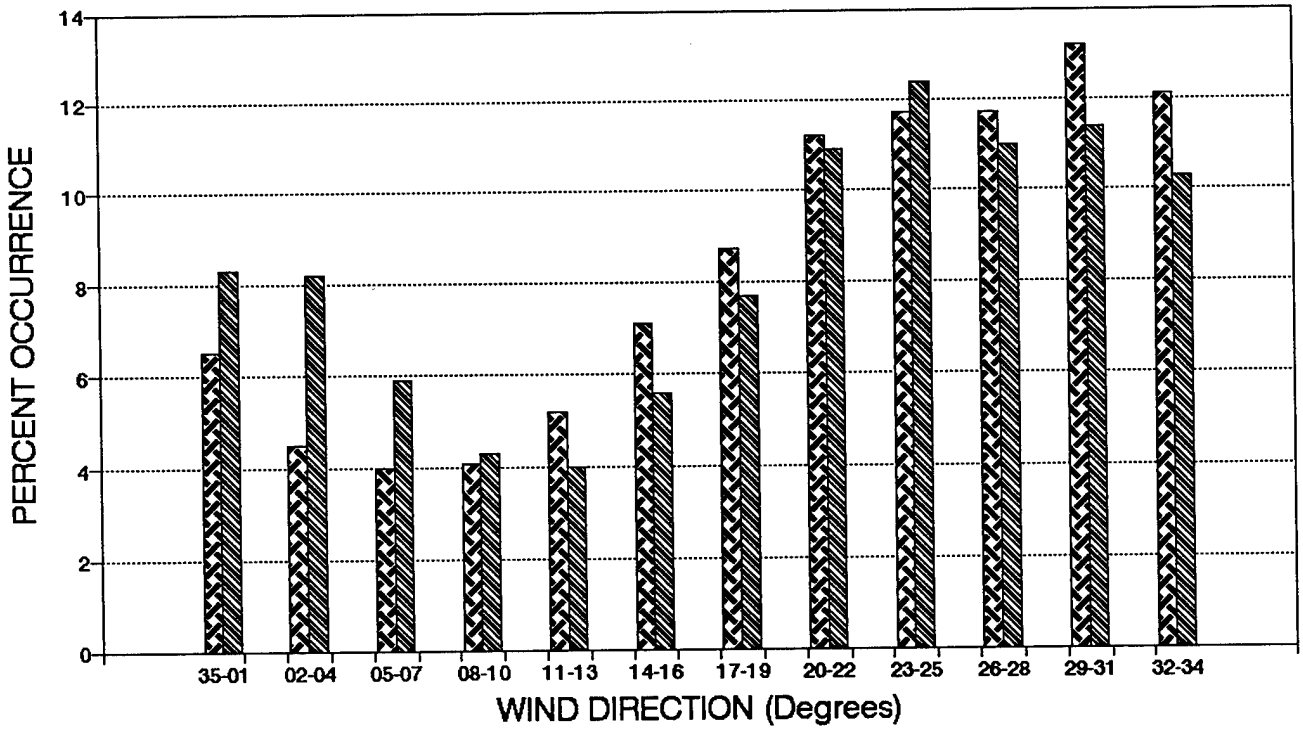


WIS (1956-1975) 44004 (1977-1988)

CLIMATIC WIND COMPARISON

WIS (41N, 67W) vs 44011 (41.1N, 66.6W)

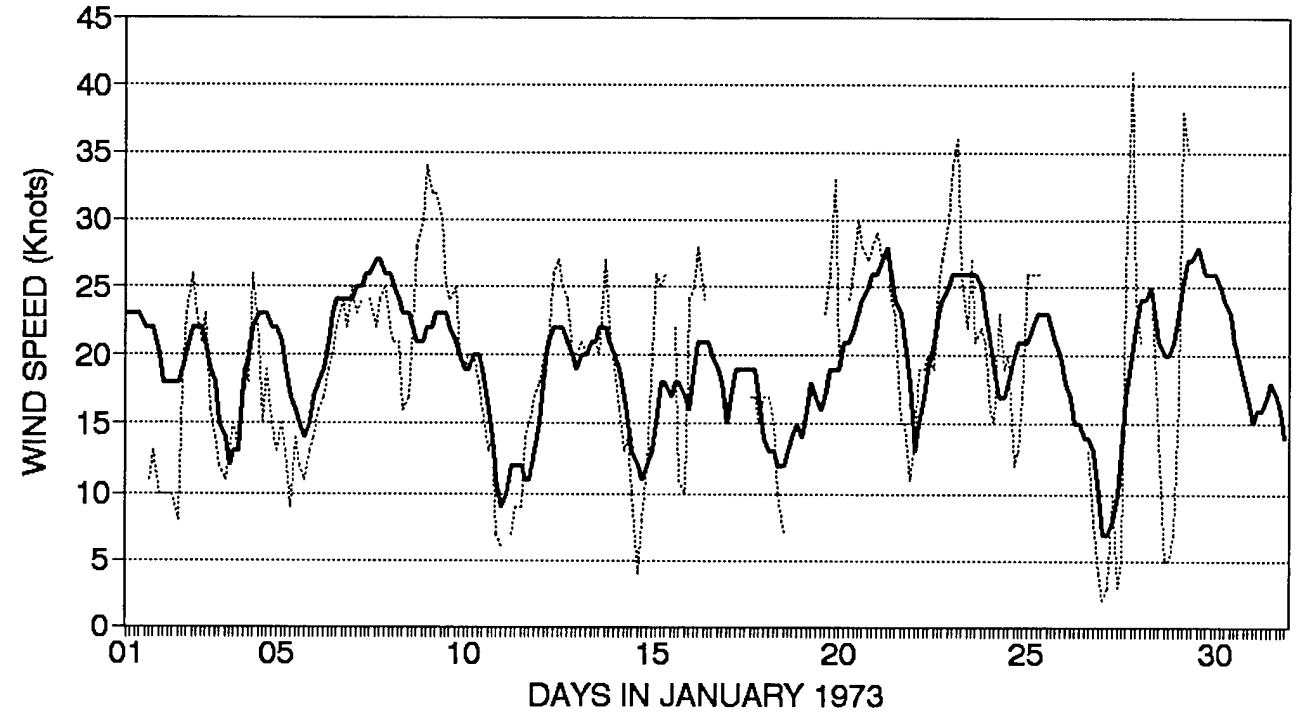


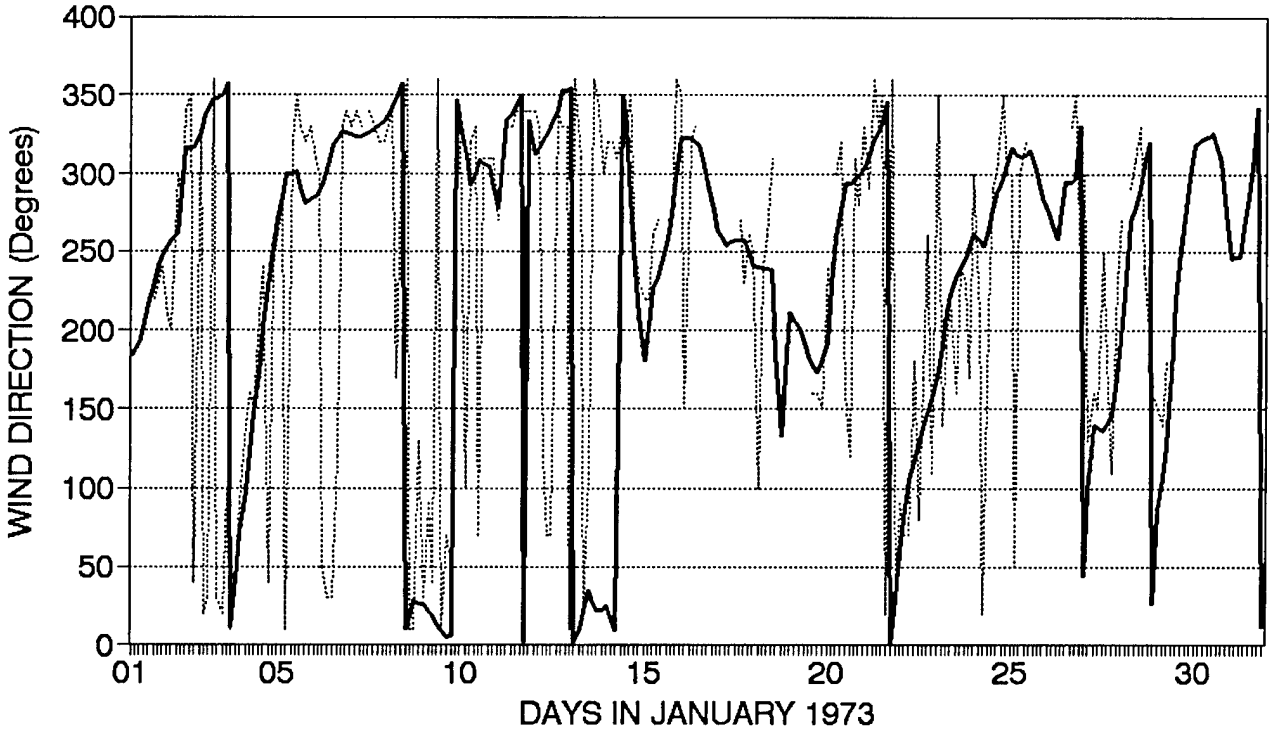


WIS (1956-1975) 44011 (1984-1988)

CLIMATIC WIND COMPARISON

WIS(37.5N, 72.5W) vs EB01(36.5N, 73.5W)





WIS (248 obs.) EB01 (191 obs.)

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13. ABSTRACT *(Maximum 200 words)*

Twenty years of hindcast wind and wave information is summarized for 108 nearshore locations along the US Atlantic coast and for 3 stations along the north coast of Puerto Rico. The procedures to produce this information and examples of verification against measurements are presented. Tables for each station summarize occurrences by month of spectral wave height, peak period, peak mean wave direction, wind speed, and wind direction for categories of 0.5 m, 1.0 sec, 22.5 deg, 2.5 m/sec, and 45 deg, respectively. Joint occurrences of height and period for 45-deg direction bands and all directions are presented. Finally, mean heights by month and year and maximum heights by month and year, with associated peak periods and peak mean directions, are shown. The 20-year time series of wind and wave information, including spectra at each station, are available from the WIS archive as one-line records every 3 hr. This replaces hindcast information summarized in WIS Reports 2, 6, and 9.

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