

U. S. NAVAL WEATHER SERVICE COMMAND
AD 747638
SUMMARY OF
SYNOPTIC METEOROLOGICAL OBSERVATIONS

SOUTHEAST ASIAN COASTAL MARINE AREAS

VOLUME 1

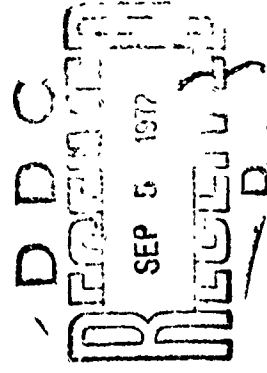
AREA 1 - TONKIN GULF
AREA 2 - DA NANG
AREA 3 - NHA TRANG
AREA 4 - SAIGON



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September 1972



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ABSTRACT FOR VOLUME 1

U.S. NAVAL WEATHER SERVICE COMMAND, Summary of Synoptic Meteorological Observations (SSMO) for Southeast Asian Coastal Marine Areas, Volume 1, Area 1-Tonkin Gulf, Area 2-Da Nang, Area 3-Nha Trang, and Area 4-Saigon.

Naval Weather Service Environmental Detachment
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Descriptors: (Air-sea Interface, Climatology, Coastal Marine Summary, Maps and Tables). Percentage Frequency Occurrence of: Precipitation, Thunderstorms, Fog, Wind Speed, Wind Direction, Cloud Cover, Ceilings, Visibility, Relative Humidity, Air Temperature, Air-sea Temperature Difference, Sea Heights, Wave Heights, Wave Periods, Sea Level Pressure.

Identifiers: Southeast Asian Coastal Marine Areas, Tonkin Gulf, Da Nang, Nha Trang and Saigon.

The data contained in these tables were obtained from Tape Data Family 11 (TDF-11) Marine Surface Observations. TDF-11 was primarily funded by the Naval Weather Service Command and selected by NWSED Asheville as the most comprehensive collection of marine surface observations from which to develop a series of Coastal Marine Summaries.

U. S. NAVAL WEATHER SERVICE COMMAND

SUMMARY OF

SYNOPTIC METEOROLOGICAL OBSERVATIONS

SOUTHEAST ASIAN COASTAL MARINE AREAS

VOLUME 1

AREA 1 - TONKIN GULF

AREA 2 - DA NANG

AREA 3 - NHA TRANG

AREA 4 - SAIGON



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PREPARED BY:
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Federal Building
Asheville, N.C. 28801

SUMMARY OF SYNOPTIC METEOROLOGICAL OBSERVATIONS (MONTHLY AND ANNUAL)

The data contained in these tables were obtained from tape data Family 11 (TDF-11), Marine Surface Observations. TDF-11 was primarily funded by the Naval Weather Service Command and selected by NWS-ED Asheville as the most comprehensive collection of marine surface observations from which to develop a series of coastal marine summaries. The source was punched cards of weather observations taken aboard vessels of varying registry. They were recorded on magnetic tape in a common format. Elements not in WMO code were converted to this code where possible. Where this was not possible, the original data were retained within the tape record as supplemental data. A very limited quality control was attempted as the punched cards were converted to taped records and, where possible, missing psychrometric data were computed.

Before the tables are prepared, extreme values of selected parameters are scrutinized so that obvious errors can be excluded. This method is necessarily subjective since the only available record of many observations is the punched card from which the tape records were prepared. Frequently there is no concrete evidence to prove or disprove the validity of questionable data.

Percentage frequencies are computed to hundredths and rounded to tenths. An asterisk (*) indicates percentage frequency > 0 and $< .05$. A value followed by a plus sign indicates greater than or equal to that value (8+ means 8 or greater). NH = low cloud amount (or middle cloud amount when low clouds are not present). The hours given in this publication are GMT.

The geographic position shown on the tables is the central position (centroid) of the observations within the area. This value may fall outside irregular areas.

Also, it should be noted that these data are based upon observations made by ships in passage. Such ships tend to avoid bad weather when possible, thus biasing our data toward good weather samples.

Because the number of observations may vary from one table to the other, no absolute relationship exists between the tables. As an example, air temperature counts for Tables 13 and 17 may not be identical since only observations containing both air temperature and relative humidity were counted in Table 13 and only those with both temperature and air-sea temperature difference were counted in Table 17. No requirement for simultaneous recording of all elements was made.

The primary period of record is that period (extending back in time from the most recent data) during which eighty percent of the total number of observations were recorded. The overall period is the earliest to the latest observed data used in compiling the tables. Tables 18 and 19 were tabulated from selected decks only and the overall period indicates the period of record of this data source. The primary period for these tables is not shown.

THE TABLES

Annual values are computed on the basis of the sum of the monthlies divided by the number of months.

Tables 1 through 19 appear in numerical order for each month, with the annual tables appearing after the tables for December. Tables 20 and 21 appear at the end of the entire series, after the annual summary for Table 19. The series of summaries appear in numerical order by area number.

- Table 1 - Percentage Frequency of Weather Occurrence by Wind Direction (8 pts.).
- Table 2 - Percentage Frequency of Weather Occurrence by Hour (GMT).
- Table 3 - Percentage Frequency of Wind Direction (8 pts.) by Speed and by Hour (GMT). This table includes mean wind speed (kts.) by direction (8 pts.).
- Table 3A - Percentage Frequency of Wind Direction (8 pts.) by Speed and by Hour (GMT). This table includes mean wind speed (kts.) by direction.
- Table 4 - Percentage Frequency of Wind Speed by Hour (GMT). This table includes mean speed by hour.
- Table 5 - Percentage Frequency of Total Cloud Amount (Okta) by Wind Direction (8 pts.). This table includes mean cloud amount by wind direction.
- Table 6 - Percentage Frequency of Ceiling Heights (feet, NH > 4/8) and Occurrence of NH < 5/8 by Wind Direction (8 pts.).
- Table 7 - Cumulative Percentage Frequency of Occurrence of Ceiling Height (feet, NH > 4/8) and Visibility (Nautical Miles).
- Table 7A - Percentage Frequency of Low Cloud Amount (or Middle Cloud Amount if Low Clouds are not present) and Percentage Frequency of Sky Obscured. Amounts are in Okta.
- Table 8 - Percentage Frequency of Wind Direction (8 pts.) vs. Occurrence or Non-Occurrence of Precipitation at Observation Time with Varying Values of Visibility (Nautical Miles).
- Table 9 - Percentage Frequency of Wind Direction (8 pts.) vs. Wind Speed (kts.) with Varying Values of Visibility (Nautical Miles).
- Table 10 - Percentage Frequency of Ceiling Heights (feet, NH > 4/8) and Occurrence of NH < 5/8 by Hour (GMT).
- Table 11 - Percentage Frequency of Visibility (Nautical Miles) by Hour (GMT).
- Table 12 - Cumulative Percentage Frequency of Ranges of Visibility (Nautical Miles) and Ceiling Height (feet, NH > 4/8) by Hour (GMT).
- Table 13 - Percentage Frequency of Relative Humidity (%) by Air Temperature (° F.).
- Table 14 - Percentage Frequency of Wind Direction (8 pts.) by Air Temperature (° F.).
- Table 15 - Means, Extremes, and Percentiles of Air Temperature (° F.) by Hour (GMT). Extreme temperatures are the one maximum and one minimum value appearing in the marine datafile. The extremes may be unrepresentative due to sampling errors. Extrapolation from the percentile values usually gives a better estimate of expected extreme conditions.
- Table 16 - Percentage Frequency of Relative Humidity (%) by Hour (GMT).
- Table 17 - Percentage Frequency of Air Temperature (° F.) and the Occurrence of Fog vs. Air-Sea Temperature Difference (° F.).
- Air-Sea Temperature Difference is:
- Positive when the air is warmer than the sea surface; Negative when the air is cooler than the sea surface. In the table heading, the limits of the temperature ranges appear in a vertical arrangement along the top of the table.
- Table 18 - Percentage Frequency of Surface Wind Speed (kts.) and Direction (8 pts.) vs. Sea Height (feet). Source deck 128 for which data are available from mid-1963 was used for these tables. This deck represents the latest and most complete homogeneous source of wave data available. Here, only sea waves generated by local winds in the vicinity of the observer are summarized. This table continues for 2-1/2 pages for each month and 2-1/2 pages for the annual summary.

Table 19 - Percentage Frequency of Wave Height (feet) vs. Wave Period (seconds). In this table when both sea and swell waves are present in an observation, the higher of the two is used. If both are the same height, the longer period is chosen. When only one of the wave groups is observed, either sea or swell, it is used in the summary. Swell waves are those generated by winds distant from the local area where the observation is taken.

Tables 1-19 appear together for each month and in the annual summary. The following two tables appear at the end of the entire series for each area.

Note: In this volume, percentage frequencies at specified hours of the day refer to percentages of observations taken at those hours, rather than percentages of observations taken at all hours. Data at adjacent hours are summarized with data at synoptic hours, i.e., data from 02 and 04 GMT are combined with data from 03 GMT.

Table 20 - Monthly and Annual Percentage Frequencies and Means of Sea Surface Temperature (° F.).

Table 21 - Monthly and Annual Sea Level Pressures (millibars). This table includes means by hour and for all hours, extreme values with the corresponding dates of occurrence and percentile values.

Contents		
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2	Da Nang	159-316
3	Nha Trang	317-474
4	Saigon	475-632

Copies of this document are obtainable from the National Technical Information Service (NTIS), Springfield, Virginia 22151.

CONVERSION OF WIND AND WAVE DIRECTION TO 8 POINTS

A reduced bias system was employed in converting wind and wave directions to 8 points. This method attaches weighting values to observations which overlap two different 8 point sectors and treats them as "decimal observation counts." These decimal quantities are rounded to whole numbers for presentation as "observational counts" in the tables. Figures 1-4 below show the 8 point system with other systems superimposed.

Note: Because of rounding, sub-total sums of "observational counts" may not equal grand totals.



Fig 1 The 8 point direction system superimposed on the 8 point system

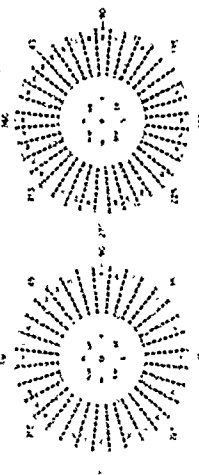


Fig 2 The 16 point direction system superimposed on the 8 point system

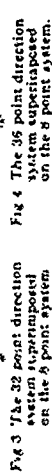


Fig 3 The 32 point direction system superimposed on the 8 point system



Fig 4 The 36 point direction system superimposed on the 8 point system

DIRECTION AND WEATHER CODES

VISIBILITY (VV)		PRESENT WEATHER (1960 WMO CODE 4677)		
CODE	INTERPRETATION (NAUTICAL MILES)	CODE	INTERPRETATION	CODE INTERPRETATION
90-93	VV<1/2	58-59 60-65 91-94 (68-69, 95, 97 IF TEMP > 40°F)	RAIN	13-17 95-99 THUNDER LIGHTNING THUNDERSTORM
94	1/2≤VV<1	80-82, (83-84 IF TEMP > 40°F)	RAIN SHOWERS	10-12 40-49 FOG (WITHOUT PRECIPITATION)
95	1≤VV<2	50-55, 58-59}	DRIZZLE	04-05} SMOKE HAZE
96	2≤VV<5	56-57} 66-67}	FREEZING PRECIPITATION	06-09 30-39 DUST BLOWING DUST BLOWING SNOW
97	5≤VV<10	70-75, 85-86, (68-69, 83-84, 95, 97 IF TEMP ≤40°F)	SNOW	00-03 14-16 18-29 NO SIGNIFICANT WEATHER AT OB TIME
98	10≤VV<25	76-79	OTHER FROZEN PRECIPITATION	00-49 NO PRECIPITATION AT OB TIME
99	≥25	87-90 93-94 96, 99}	HAIL	50-99 PRECIPITATION AT OB TIME

NOTE: The following WMO codes were counted in two weather categories. 58-59 (rain and drizzle); 68-69 (rain and snow); 93-94 (rain and hail); 96 and 99 (hail and thunder/lightning/thunderstorm); 95 and 97 (snow and thunder/lightning/thunderstorm), or (rain and thunder/lightning/thunderstorm).

WAVE HEIGHT (from source decks 128 and 116)

RECORDED CODE (HALF METERS)	RANGE (METERS)	AS RECORDED IN TABULATION (FEET)	RECORDED CODE (HALF METERS)	RANGE (METERS)	AS RECORDED IN TABULATION (FEET)	RECORDED CODE (HALF METERS)	RANGE (METERS)	AS RECORDED IN TABULATION (FEET)
00	≤.25}	<1	12	>5.75 to 6.25}	20-22	30	>14.75 to 15.25}	
01	>.25 to .75}	1-2	13	>6.25 to 6.75}		31	>15.25 to 15.75}	
02	>.75 to 1.25}	3-4	14	>6.75 to 7.25}	23-25	32	>15.75 to 16.25}	
03	>1.25 to 1.75}	5-6	15	>7.25 to 7.75}		33	>16.25 to 16.75}	49-60
04	>1.75 to 2.25}	7	16	>7.75 to 8.25}		34	>16.75 to 17.25}	
05	>2.25 to 2.75}	8-9	17	>8.25 to 8.75}	26-32	35	>17.25 to 17.75}	
06	>2.75 to 3.25}	10-11	18	>8.75 to 9.25}		36	>17.75 to 18.25}	
07	>3.25 to 3.75}	12	19	>9.25 to 9.75}				
08	>3.75 to 4.25}	13-16	20	>9.75 to 10.25}		37	>18.25 to 18.75}	
09	>4.25 to 4.75}		21	>10.25 to 10.75}	33-40	38	>18.75 to 19.25}	
10	>4.75 to 5.25}	17-19	22	>10.75 to 11.25}		39	>19.25 to 19.75}	61-70
11	>5.25 to 5.75}		23	>11.25 to 11.75}		40	>19.75 to 20.25}	
			24	>11.75 to 12.25}		41	>20.25 to 20.75}	
			25	>12.25 to 12.75}		42	>20.75 to 21.25}	
			26	>12.75 to 13.25}				
			27	>13.25 to 13.75}	41-48	43	>21.25 to 21.75}	71-86
			28	>13.75 to 14.25}		44	>21.75 to 22.25}	
			29	>14.25 to 14.75}		45	>22.25 to 22.75}	
						46	>22.75 to 23.25}	
						47	>23.25 to 23.75}	
						48	>23.75 to 24.25}	
						49	>24.25 to 24.75}	
						50	>24.75 to 25.25}	
						51	>25.25 to 25.75}	
						52	>25.75 to 26.25}	
						53-99	>26.25 to 49.75}	≥87

Indeterminate=INDET

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1961-1971

JANUARY

AREA 0001 TONKIN GULF
10.3N 107.8E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	SNOW	OTHER				THOR LTNG	FOG	SMOKE	DUST	NO SIG	
N	2.8	5	1.3	0	0	0	0	4.5			7	2.5		4	
NE	1.8	7	0	0	0	0	0	3.3			9	1.2		2	
E	4	2	2	0	0	0	0	8			1	3		13.9	
SE	7	2	1	0	0	0	0	4			2	5		17.5	
S	1	1	0	0	0	0	0	1			2	2		3.8	
SW	1	1	0	0	0	0	0	1			1	1		2	
W	3	1	2	0	0	0	0	2			1	1		4.3	
NW	0	2	0	0	0	0	0	6			1	3		4.3	
VAR	396	122	157	0	0	0	0	0			0	0		0	
TOT OBS	5.7	1.7	2.7	0	0	0	0	10.1	705	1	176	240	0	5060	6999
TOT PCT										.1	2.5	3.4		5	83.8

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE PCPN	DUST PCPN	NO SIG		
0003	6.2	2.5	2.3	0	0	0	0	10.9		0	2.8	3.4	1	82.8		
0609	5.6	1.9	2.2	0	0	0	0	9.7		0	2.1	4.4	1	83.7		
1215	5.0	1.3	2.9	0	0	0	0	9.2		0	2.8	3.5	0	84.3		
1821	5.7	1.3	3.5	0	0	0	0	10.5		0	2.4	2.4	0	84.3		
TOT	396	122	192	0	0	0	0	705		6	176	240	3	5871	7002	
PCT	5.7	1.7	2.7	0	0	0	0	10.1		1	2.5	3.4	5	83.8		

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1891-1971

JANUARY

AREA 0001 TONKIN GULF
10.3N 107.8E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)											
										00	03	06	09	12	15	18	21				
N	.4	5.3	12.0	5.1	.3	.0	23.1	16.0	20.4	19.3	22.3	27.9	22.7	25.7	25.0	24.3					
NE	.4	6.4	15.2	7.2	.5	.0	29.7	16.7	31.2	34.4	32.3	27.6	30.6	26.5	25.2	29.8					
E	.3	4.7	8.7	1.4	.0	.0	15.2	13.4	15.4	15.7	14.2	15.7	16.4	15.1	15.2	13.2					
SE	.3	4.6	12.5	1.1	.0	.0	18.5	13.8	16.7	20.2	14.3	20.2	18.9	21.8	19.4	21.1					
S	.3	2.1	1.9	.1	.0	.0	4.3	10.2	5.4	3.3	5.9	1.3	3.2	3.8	5.0	4.2					
SW	.2	1.7	.1	.0	.0	.0	1.1	6.6	1.9	.8	1.4	.7	.9	.6	1.0	.5					
W	.3	1.0	.4	.0	.0	.0	1.7	7.8	1.7	2.3	2.2	.9	1.3	.9	2.5	1.1					
NW	.2	2.6	2.2	.2	.0	.0	5.3	10.8	6.1	3.0	6.7	4.6	4.7	4.9	5.6	4.3					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CALM	1.1	19.43	37.64	10.58	6.1	.0	7083	14.5	1.3	1.1	.8	1.0	1.2	.7	1.2	1.4					
TOT OBS	257	53.1	14.9	.9	.0	.0	1198	566	1178	582	1208	568	1206	576	576	576					
TOT PCT	3.6	27.4					100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0					

TABLE 3A

WIND DIR	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)											
									00	03	06	09	12	15	18	21				
N	1.8	11.1	8.7	1.6	.0	23.1	16.0	20.4	19.3	22.3	27.9	22.7	25.7	25.0	24.3					
NE	2.0	13.3	12.0	2.4	.0	29.7	16.7	31.2	34.4	32.3	27.6	30.6	26.5	25.2	29.8					
E	1.5	9.6	3.9	.2	.0	15.2	13.4	15.4	15.7	14.2	15.7	16.4	15.1	15.2	13.2					
SE	1.3	11.8	5.3	.1	.0	18.5	13.8	16.7	20.2	14.3	20.2	18.9	21.8	19.4	21.1					
S	1.1	2.8	.4	.0	.0	4.3	10.2	5.4	3.3	5.9	1.3	3.2	3.8	5.0	4.2					
SW	.6	.5	.0	.0	.0	1.1	6.6	1.9	.8	1.4	.7	.9	.6	1.0	.5					
W	.8	.0	.1	.0	.0	1.7	7.8	1.7	2.3	2.2	.9	1.3	.9	2.5	1.1					
NW	1.0	3.6	.6	.0	.0	5.3	10.8	6.1	3.0	6.7	4.6	4.7	4.9	5.6	4.3					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CALM	1.1	19.43	37.64	10.58	6.1	7083	14.5	1.3	1.1	.8	1.0	1.2	.7	1.2	1.4					
TOT OBS	802	3784	2193	304	.0	7083	100.0	14.5	1.2	.9	1.0	1.2	.7	1.2	1.4					
TOT PCT	11.3	53.4	31.0	4.3	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0					

PERIOD: (PRIMARY) 1967-1971
(SEVER-ALL) 1991-1971

JANUARY

AREA 0001, TENKIN GULF
18.3M 107.5E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT	TOTAL
				11-21	22-33	34-47					
0000	1.2	2.1	24.3	54.6	16.7	1.1	.0	15.1	100.0	1764	
0600	.9	2.7	27.6	53.4	14.7	.9	.0	14.4	100.0	1760	
1200	2.415	2.8	30.3	51.0	13.9	1.0	.0	14.1	100.0	1777	
1800	0.621	1.2	27.6	53.5	14.5	.5	.0	14.3	100.0	1782	
TOT	76	181	1471	3764	1058	61	.0	14.5		7083	
PCT	1.1	2.6	27.4	53.1	14.9	.9	.0	100.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-6	TOTAL OBS	MEAN CLOUD COVER
N	1.5	.9	4.2	16.8	7.1	7.1
NE	3.2	1.7	6.5	17.5	6.6	6.6
E	3.5	1.6	5.4	14.4	5.3	5.3
SE	6.9	3.1	6.8	2.1	4.1	4.1
S	1.3	.8	1.5	.9	4.6	4.6
SW	.2	.1	.4	.5	5.9	5.9
W	.3	.1	.6	.2	6.1	6.1
NW	.5	.3	1.2	3.4	6.7	6.7
VAR	.0	.0	.0	.0	.0	.0
CALM	.4	.2	.2	.2	3.9	3.9
TOT OBS	1193	563	1802	3124	5702	5.9
TOT PCT	17.8	8.7	26.9	46.6	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH 14/8)
BY WIND DIRECTION

WIND DIR	000	149	150	259	300	359	600	1000	2000	3500	5000	6500	8000+	MH 14/8	TOTAL OBS
N	.1	.1	.1	1.5	4.6	8.1	3.9	11.3	4.0	.7	.3	.3	.2	3.5	
NE	.1	.1	.1	1.4	3.3	11.3	4.0	11.3	4.0	.6	.2	.3	.4	6.5	
E	.1	.1	.1	.1	.5	4.2	2.5	3.4	2.5	.3	.2	.3	.1	6.7	
SE	.1	.1	.1	.2	.6	3.4	2.2	1.1	.1	.1	.1	.1	.1	12.2	
S	.1	.1	.1	.1	.2	.9	.6	.1	.0	.1	.0	.0	.0	2.4	
SW	.1	.1	.1	.1	.1	.4	.2	.2	.2	.2	.2	.2	.2	1.4	
W	.1	.1	.1	.1	.1	.4	.2	.2	.2	.2	.2	.2	.2	1.4	
NW	.1	.1	.1	.1	.1	.4	.2	.2	.2	.2	.2	.2	.2	1.4	
VAR	.1	.1	.1	.1	.1	.4	.2	.2	.2	.2	.2	.2	.2	1.4	
CALM	.1	.1	.1	.1	.1	.4	.2	.2	.2	.2	.2	.2	.2	1.4	
TOT OBS	15	16	246	662	2098	1043	133	79	85	60	2265	6702	100.0		
TOT PCT	.2	.2	3.7	9.9	31.3	15.6	2.0	1.2	1.3	.9	33.8				

PERIOD: (PRIMARY) 1967-1971
(OVERALL) 1961-1971

JANUARY

AREA 0001 TONKIN GULF
18.3M 107.6E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NM > 400) AND VSBY (NM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	= OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	1.2	2.1	2.2	2.2	2.2	2.2	2.2	3.2
= OR >5000	2.1	3.3	3.3	3.3	3.3	3.3	3.3	3.3
= OR >3500	3.5	5.2	5.3	5.3	5.3	5.3	5.3	5.3
= OR >2000	13.4	20.5	20.8	20.9	20.9	20.9	20.9	20.9
= OR >1000	29.2	50.3	52.1	52.1	52.2	52.2	52.2	52.2
= OR >600	32.2	58.6	61.7	62.0	62.1	62.1	62.1	62.1
= OR >300	32.8	60.8	65.0	65.6	65.7	65.7	65.8	65.8
= OR >150	32.8	60.9	65.2	65.9	66.0	66.0	66.0	66.0
= OR >0	32.8	60.9	65.2	65.9	66.1	66.1	66.2	66.2
TOTAL	2199	4084	4276	4418	4428	4432	4438	4438

TOTAL NUMBER OF OBS: 6704

PCT FREQ NM <5/8: 33.8

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	00SC0	TOTAL
	6.3	5.2	12.6	5.9	3.7	5.0	10.5	7.9	42.6	.4	8736

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1891-1971

JANUARY

AREA 0001, TANKIM GULF
10.3M 107.6Z

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

USBY (MM)	W	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	#	#	#	#	#	#	#	#	#	#	#	#
<1/2 NO PCP	.1	#	#	.0	.0	.0	.0	#	.0	.0	#	#
TOT #	.1	#	#	.1	.1	#	.0	#	.0	#	.3	
1/2<1 NO PCP	.1	#	.0	.0	.0	.0	.0	#	.0	.0	.1	
TOT #	.1	.1	.0	.0	#	#	#	#	.0	#	.3	
1/2 NO PCP	.3	.2	.0	#	.0	.0	.0	.1	.0	.0	.6	
TOT #	.3	.2	.0	#	#	#	#	.0	.0	.0	.1	
2/5 NO PCP	1.4	1.0	.1	.1	#	#	.1	.1	.0	.0	2.8	
TOT #	.5	.6	.1	.2	.1	#	.1	.1	.0	#	1.7	
5/10 NO PCP	2.5	1.8	.6	.2	.1	.1	.1	.3	.0	#	5.6	
TOT #	16.0	12.0	5.0	3.2	1.0	.5	.6	2.0	.0	.5	34.7	
10+ NO PCP	.3	.3	.1	.1	#	.0	#	.1	.0	.0	.9	
TOT #	10.5	15.3	9.8	15.0	3.2	.5	1.0	2.8	.0	.5	58.6	
TOT OBS	23.2	29.5	15.1	18.6	4.4	1.1	1.8	5.3	.0	1.1	100.0	6999

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1891-1971

JANUARY

AREA 0001 TONKIN GULF
18.3N 107.6E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PC	TOTAL OBS
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	
2/5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
5/10	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
10+	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
TOT OBS		23.2	29.7	15.2	10.5	4.3	1.1	1.7	5.3	.0	1.1	100.0	7068
TOT PCT													

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1891-1971

JANUARY

AREA 0001 TONKIN GULF
18.3N 107.6E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MH >4/8) AND
OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MH <5/8 ANY HGT	TOTAL OBS
00&03	.2	.4	5.0	10.9	35.4	15.5	2.1	1.1	1.3	1.0	72.9	27.1	1704
06&09	.2	.2	3.6	9.9	22.4	17.0	1.9	1.1	1.4	.8	68.6	31.4	1660
12&15	.2	.2	3.3	9.1	27.9	13.3	2.0	1.5	1.3	1.2	60.0	40.0	1654
18&21	.2	.2	2.6	9.6	29.3	16.3	2.0	1.1	1.0	.5	63.0	37.0	1671
TOT	15	16	246	664	2098	1043	134	79	85	60	4440	2269	6709
PCT	.2	.2	3.7	9.9	31.3	15.5	2.0	1.2	1.3	.9	66.2	33.8	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	1/2	1/2<1	1/2	2<5	5<10	10+	TOTAL OBS
00&03	.6	.5	.8	5.7	31.2	61.2	1709
06&09	.2	.2	1.0	4.3	31.7	62.7	1684
12&15	.2	.1	.7	3.9	37.2	57.8	1660
18&21	.2	.2	.4	4.7	37.5	57.0	1675
TOT	21	16	49	313	2312	4017	6728
PCT	.3	.2	.7	4.7	34.4	59.7	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET-MH >4/8) BY HOUR

HOUR (GMT)	<150 (50YD)	<600 (150)	<1000 (45)	<1000+ AND 5+	MH <5/8 AND 5+	TOTAL OBS
00&03	.6	6.4	20.0	53.6	26.4	1709
06&09	.4	4.3	16.4	52.7	30.9	1684
12&15	.7	4.2	15.0	45.5	39.5	1660
18&21	.6	3.5	14.9	48.6	36.5	1675
TOT	29	311	1118	3373	2237	6728
PCT	.6	4.6	16.6	50.1	33.2	100.0

JANUARY

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1891-1971

AREA 0001 TONKIN GULF
18.3N 107.6E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
85/89	.0	.0	.0	.0	.0	.1	.7	.0	.0	.6	6	.1
80/84	.0	.0	.0	.0	.2	.2	.7	.4	.0	.8	86	1.3
75/79	.0	.0	.0	.1	.6	4.7	7.4	2.8	.0	104	15.6	
70/74	.0	.0	.0	.5	2.8	11.0	15.9	7.9	.0	255	38.2	
65/69	.0	.0	.1	1.1	3.5	5.4	8.9	3.4	.0	191	28.6	
60/64	.0	.0	.2	.8	3.1	2.8	3.4	.5	.6	91	13.7	
55/59	.0	.0	.0	.3	.5	.6	.5	.0	.0	17	2.6	
50/54	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	.5	
TOTAL	0	2	22	185	721	1683	2498	1582		6693	100.0	
PCT	.0	.3	2.8	10.8	25.1	37.3	23.6					

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
N	NE	E	SE	S	SW	W	NW	VAR	CALM
.0	.0	.4	.8	.2	.0	.0	.0	.0	.0
.5	1.3	3.9	7.8	1.3	.2	.3	.3	.0	.0
5.2	9.3	7.8	9.6	2.5	.8	.7	1.7	.0	.0
11.0	10.1	2.2	1.0	.5	.1	.6	2.7	.0	.0
6.1	6.4	.4	.0	.0	.0	.1	.6	.0	.0
.8	1.5	.0	.0	.0	.0	.0	.1	.0	.0
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23.8	28.7	14.8	18.9	4.4	1.1	1.8	5.4	.0	1.0

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR									
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
0003	82	79	77	70	60	57	55	69.5	1762
0609	88	82	79	71	61	56	54	70.4	1758
1215	81	78	77	70	61	57	55	69.5	1776
1821	82	78	76	70	61	57	54	69.2	1777
TOT	88	80	77	70	61	57	54	69.6	7073

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR								
HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
0003	.0	3.5	10.2	24.1	36.1	26.2	.82	1678
0609	.0	4.3	13.2	31.7	34.1	16.8	.79	1671
1215	.0	2.2	10.6	24.3	39.4	23.5	.82	1670
1821	.0	2.5	9.1	20.5	39.7	28.2	.83	1676
TOT	0	209	722	1683	2498	1583	.81	6695

PERIOD: (GRIMM), 1967-1971
(OVER-ALL), 1967-1971

JANUARY

AREA 0001, TONKIN GULF
19.3N 107.8E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	53	57	61	65	69	73	77	81	85	TOT	M FOG	W FOG
11/13	0	0	0	0	0	1	1	1	0	0	1	1
9/10	0	0	0	0	1	1	1	1	1	17	1	2
7/8	0	0	0	0	1	2	1	1	1	36	1	5
6	0	0	0	0	2	2	2	1	0	46	0	7
5	0	0	0	0	2	5	3	1	1	76	1	1
4	0	0	0	0	4	7	4	1	0	126	2	1
3	0	0	0	1	5	9	7	1	0	183	1	2
2	0	0	1	1	1	1	9	1	0	287	1	4
1	0	0	1	6	1	7	6	1	0	393	3	5
0	0	0	3	8	2	9	1	0	0	523	2	7
-1	0	0	4	1	0	3	3	0	0	602	2	8
-2	0	0	2	1	4	3	6	0	0	616	1	8
-3	0	0	1	6	3	9	7	0	0	597	1	8
-4	0	1	6	1	6	2	1	0	0	554	1	7
-5	0	1	6	3	6	2	1	0	0	531	1	7
-6	0	1	8	2	0	6	7	0	0	433	1	6
-7/-8	0	1	2	3	4	1	0	0	0	703	2	10
-9/-10	1	5	2	0	1	2	9	0	0	502	2	7
-11/-13	2	1	2	0	3	1	0	0	0	460	1	6
-14/-16	1	8	1	3	5	0	0	0	0	184	1	2
-17/-19	0	4	1	0	0	0	0	0	0	58	1	7
-20/-22	0	1	0	0	0	0	0	0	0	7	0	1
TOTAL	5	4	12	3	21	2	31	4	22	6948	2	5
PCT	5	4	12	3	21	2	31	4	22	100.0	2	5
												97.5

PERIOD: (OVER-ALL) 1963-1971

JANUARY
TABLE 18

AREA 0001 TONE IN GULF
18.3M 107.6C

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	NE	11-21	22-33	34-47	48+	PCT
1	.2	.6	.8	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.9
2	.2	3.6	3.7	.0	.0	.0	7.5	.0	4.7	.0	.0	.0	8.8
3	.2	1.0	5.2	1.4	.0	.0	7.6	.0	7.2	2.1	.0	.0	10.4
4	.0	.2	1.0	.9	.0	.0	2.8	.0	2.4	1.6	.0	.0	4.3
5	.0	.1	1.1	1.4	.0	.0	2.6	.0	1.2	1.9	.1	.0	3.4
6	.0	.0	.3	.7	.0	.0	1.0	.0	.0	.2	.2	.0	1.3
7	.0	.0	.4	.5	.1	.0	1.0	.0	.2	.7	.2	.0	1.1
8	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.7
9	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
10	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
11	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
12	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
13	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
14	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
15	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
16	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
17	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
18	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
19	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
20	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
21	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
22	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
23	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
24	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
25	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
26	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
27	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
28	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
29	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
30	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
31	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
32	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
33	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
34	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
35	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
36	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
37	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
38	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
39	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
40	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
41	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
42	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
43	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
44	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
45	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
46	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
47	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
48	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
49	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
50	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
51	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
52	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
53	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
54	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
55	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
56	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
57	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
58	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
59	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
60	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
61	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
62	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
63	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
64	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
65	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
66	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
67	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
68	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
69	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
70	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
71	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
72	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
73	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
74	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
75	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
76	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
77	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
78	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
79	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
80	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
81	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
82	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
83	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
84	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
85	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
86	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
87	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
88	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
89	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
90	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
91	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
92	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
93	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
94	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
95	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
96	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
97	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
98	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
99	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
100	.0	.0	.2	.3	.1	.0	.5	.0	.1	.5	.2	.0	.2
TOT PCT	.4	5.6	12.6	5.2	.3	.0	24.2	.7	16.2	7.8	.7	.0	31.2

HGT	1-3	4-10	11-21	22-33	34-47	48+	SE	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.2	.8	.1	.0	.0	.0	1.0	.0	.1	.0	.0	.0	.0	.9
11	.1	2.6	3.4	.0	.0	.0	6.1	.0	5.8	.0	.0	.0	.0	9.0
2-4	.1	.8	3.6	.7	.0	.0	5.1	.6	5.0	.0	.0	.0	.0	7.0
5-6	.0	.1	.7	.2	.0	.0	1.0	.1	.1	.0	.0	.0	.0	.5
7	.0	.1	.5	.2	.0	.0	.7	.3	.2	.0	.0	.0	.0	.1
8-9	.0	.0	.2	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1
10-11	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1
12	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1
13-16	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1
17-19	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1
20-22	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1
23-25	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1
26-28	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1
29-40	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1
41-48	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1
49-60	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1
61-70	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1
71-86	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1
87+	.0	.0	.1	.1	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1

AREA 000: 10N214 GULF
10.3N 107.8E

JANUARY 1961

007 5050 OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

[illegible][illegible]

PERIOD: (OVER-ALL) 1963-1971

JANUARY

AREA 0001, TONKIN GULF
18.3N 107.6E

TABLE 10 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+						
1	1.8	4.8	.2	.0	.0	.0					6.8	
1-2	1.1	16.9	19.8	.0	.0	.0					37.7	
3-4	.1	4.2	23.2	4.9	.0	.0					32.3	
5-6	.0	.5	5.5	2.9	.0	.0					9.0	
7	.0	.3	3.1	3.3	.1	.0					7.3	
8-9	.0	.0	1.0	1.5	.2	.0					2.7	
10-11	.0	.0	.6	1.4	.3	.0					2.4	
12	.0	.0	.3	.0	.2	.0					1.3	
13-16	.0	.0	.1	.3	.1	.0					.4	
17-19	.0	.0	.0	.0	.0	.0					.0	
20-22	.0	.0	.0	.0	.0	.0					.0	
23-25	.0	.0	.0	.0	.0	.0					.0	
26-32	.0	.0	.0	.0	.0	.0					.0	
33-40	.0	.0	.0	.0	.0	.0					.0	
41-48	.0	.0	.0	.0	.0	.0					.0	
49-60	.0	.0	.0	.0	.0	.0					.0	
61-70	.0	.0	.0	.0	.0	.0					.0	
71-86	.0	.0	.0	.0	.0	.0					.0	
87+	.0	.0	.0	.0	.0	.0					.0	
TOT PCT	3.0	26.7	53.7	15.6	1.0	.0					100.0	5166

PERIOD: (OVER-ALL) 1950-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
1-6	1.8	23.1	26.5	6.7	4.9	1.1	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3605	3
6-7	.0	.0	4.4	4.2	3.5	1.3	1.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	869	6
8-9	.0	.2	.8	.7	2.3	1.4	1.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	422	8
10-11	.0	.5	.2	.2	.3	.7	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	157	8
12-13	.0	.0	.1	.1	.0	.1	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	60	10
13	.0	.0	.0	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	12
IMDET	1.1	12.1	12.6	.7	.5	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	414	3
TOTAL	165	1403	1921	700	641	266	109	54	4	.0	.0	.0	.0	.0	.0	.0	.0	.0	5547	4
PCT	3.0	26.7	34.6	12.6	11.6	4.8	3.6	2.0	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

FEBRUARY

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1885-1971

AREA 0001 TONKIN GULF
18.3N 107.8E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN	THOR LYNG	OTHER WEATHER PHENOMENA					TOTAL 00S
				FRZM PCPN	FRZG PCPN	SNOW PCPN					FOG PCPN	SMOG PCPN	DUST PCPN	BLND PCPN	SEA	
N	3.3	.4	3.6	.0	.0	.0	.0	7.3	.0	.0	1.2	1.4	.0	.0	17.3	
NE	1.0	.3	2.0	.0	.0	.0	.0	4.1	.0	.0	1.4	1.4	.0	.0	17.7	
E	.2	.1	.2	.0	.0	.0	.0	.4	.0	.0	.0	1.1	.0	.0	13.6	
SE	.2	.1	.1	.0	.0	.0	.0	.3	.0	.0	.5	3.3	.0	.0	17.4	
S	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.2	.7	.0	.0	2.2	
SW	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.1	.2	.0	.0	1.7	
W	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.2	.2	.0	.0	1.1	
NW	.4	.1	.8	.0	.0	.0	.0	1.2	.0	.0	.4	.2	.0	.0	4.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.5
TOT 00S	402	71	456	0	0	0	0	926	3	369	572	572	0	4957	0	6828
TOT PCT	5.9	1.0	6.7	.0	.0	.0	.0	13.6	0	5.4	8.4	8.4	.0	72.6	.0	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN	THOR LYNG	OTHER WEATHER PHENOMENA					TOTAL 00S
				FRZM PCPN	FRZG PCPN	SNOW PCPN					FOG PCPN	SMOG PCPN	DUST PCPN	BLND PCPN	SEA	
0000	6.5	1.0	6.9	.0	.0	.0	.0	14.4	.0	.0	6.2	0.1	.0	.0	71.4	
0600	4.7	.9	6.1	.0	.0	.0	.0	11.6	.0	.0	9.1	11.8	.0	.0	70.4	
1200	5.4	1.1	6.1	.0	.0	.0	.0	12.5	.0	.0	9.1	8.0	.0	.0	74.3	
1800	6.9	1.2	7.7	.0	.0	.0	.0	15.7	.0	.0	4.2	5.6	.0	.0	74.3	
TOT	402	71	456	0	0	0	0	926	3	369	572	572	0	4964	0	6834
PCT	5.9	1.0	6.7	.0	.0	.0	.0	17.5	0	5.4	8.4	8.4	.0	72.6	.0	

FEBRUARY

PERIOD: (PRIMARY: 1967-1971
(OVER-ALL) 1805-1971

AREA 0001 TONKIN GULF
18.3N 107.6E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD		00	03	06	09	12
N	.4	6.1	14.6	5.0	.2	.0	27.0	15.9	25.6	25.1	27.4	34.4	27.9	26.7	25.4
NE	.6	7.1	13.5	4.2	.1	.0	25.4	14.7	24.5	24.8	25.4	21.9	27.7	25.4	25.6
E	.4	6.2	17.2	1.3	.0	.0	24.9	11.5	14.4	17.2	12.4	13.4	15.0	11.3	13.7
SE	.4	5.2	14.0	1.8	.0	.0	21.3	14.1	19.6	23.0	18.7	20.5	19.5	28.3	20.6
S	.2	1.6	1.3	.0	.0	.0	3.2	9.9	3.1	3.0	3.6	2.4	2.4	2.1	4.2
SW	.2	1.7	.1	.0	.0	.0	1.0	6.5	1.9	1.3	1.1	.5	1.2	1.0	1.2
W	.2	1.1	.4	.0	.0	.0	1.6	8.0	2.5	1.3	2.6	.9	1.1	1.4	1.8
NW	.3	2.7	2.3	.4	.0	.0	5.6	11.3	6.1	4.2	7.1	5.5	4.7	4.0	6.4
VAR.	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.2	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.2	.0	.0	.0	.0	.0
TOT OBS	235	2150	3740	875	21	0	7021	13.8	1182	563	1187	572	1201	546	1187
TOT PCT	3.3	30.6	53.3	12.5	.3	.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD			00	03	06	09	12
N	2.2	12.0	10.6	1.5	.0	25.3	27.0	15.9	25.6	25.1	27.4	34.4	27.9	26.7	25.4
NE	2.5	13.3	8.8	.8	.0	25.4	25.4	14.7	24.5	24.8	25.4	21.9	27.7	25.4	25.6
E	2.2	9.7	2.1	.1	.0	14.0	14.0	11.5	14.4	17.2	12.4	13.4	15.0	11.3	13.7
SE	1.7	12.7	6.8	.1	.0	21.3	21.3	14.1	19.6	23.0	18.7	20.5	19.5	28.3	20.6
S	.9	1.9	.4	.0	.0	3.2	3.2	9.9	3.1	3.0	3.6	2.4	2.4	2.1	4.2
SW	.5	.4	.0	.0	.0	1.0	1.0	6.5	1.9	1.3	2.6	.9	1.1	1.4	1.8
NW	.7	.8	.1	.0	.0	1.6	1.6	8.0	6.1	4.2	7.1	5.5	4.7	4.0	6.4
VAR	.0	.0	.0	.0	.0	1.2	1.2	.2	1.2	.2	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.2	.0	.0	.0	.0	.0
TOT OBS	694	3867	2084	173	3	7021	100.0	13.8	1182	563	1187	572	1201	546	1187
TOT PCT	12.7	55.1	29.7	2.5	.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1967-1971
 (OVER-ALL) 1965-1971

FEBRUARY

AREA 0001 TENKIN GULF
 10.3N 107.6E

TABLE 4										
PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)										
HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)			48+	PCT		TOTAL OBS
				11-21	22-33	34-47		MEAN	FREQ	
0000	.9	3.2	28.6	54.8	12.4	.2	.0	13.8	100.0	1745
0600	.7	2.2	30.8	53.2	12.7	.3	.0	13.9	100.0	1759
1200	.6	2.3	31.9	52.3	12.7	.2	.0	13.8	100.0	1747
1800	1.0	2.5	31.1	52.8	12.1	.5	.0	13.8	100.0	1770
TOT	56	179	2150	3740	875	21	0	13.8		7021
PCT	.8	2.5	30.6	53.3	12.5	.3	.0		100.0	

TABLE 5

PCT FOLW OF TOTAL CLOUD AMOUNT (EIGHTHS)
 BY WIND DIRECTION

WIND DIR	PCT FOLW					TOTAL OBS	MEAN CLOUD COVER
	0-2	3-4	5-7	8-9	10-15		
N	.9	.6	2.6	23.5	7.5	30.5	7.5
NE	1.2	1.6	2.9	20.1	7.3	33.1	7.3
E	3.0	1.8	4.1	4.5	6.3	29.7	6.3
SE	0.5	2.5	4.4	4.2	7.1	29.7	7.1
S	.8	.3	.8	1.1	5.0	8.0	5.0
SW	.1	.3	.3	.5	6.3	7.5	6.3
W	.2	.1	.3	1.0	6.7	8.3	6.7
NW	.3	.2	1.0	4.3	7.2	13.0	7.2
VAR	.0	.0	.0	.0	.0	.0	.0
CALM	.1	.1	.2	.4	6.7	7.5	6.7
TOT OBS	984	414	1237	3897	6532	100.0	6.7
TOT PCT	15.1	6.3	18.9	59.7	100.0		6.7

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH) > 478
 AND OCCURRENCE OF MH < 578 BY WIND DIRECTION

WIND DIR	PERCENTAGE FREQUENCY										TOTAL OBS	ANY MOT OBS
	000	149	299	449	599	749	899	1049	1199	1349		
N	.1	.1	.2	3.0	6.3	12.0	3.9	.2	.1	.1	.1	1.9
NE	.1	.1	.2	2.2	5.5	10.8	3.3	.2	.1	.1	.1	2.4
E	.1	.2	.2	.8	3.7	2.1	.3	.1	.1	.1	.1	5.7
SE	.1	.0	.2	1.3	4.6	2.1	.2	.1	.1	.1	.1	13.0
S	.1	.1	.1	.3	.8	.4	.1	.1	.1	.1	.1	1.3
SW	.1	.1	.1	.1	.1	.3	.2	.1	.1	.1	.1	1.3
W	.1	.1	.1	.1	.1	.3	.2	.1	.1	.1	.1	1.3
NW	.1	.1	.1	.1	.1	.3	.2	.1	.1	.1	.1	1.3
VAR	.1	.1	.1	.1	.1	.3	.2	.1	.1	.1	.1	1.3
CALM	.1	.1	.1	.1	.1	.3	.2	.1	.1	.1	.1	1.3
TOT OBS	27	22	406	1023	3337	885	70	25	43	22	1672	6532
TOT PCT	.4	.3	6.2	15.7	55.8	13.5	1.1	.4	.7	.3	25.6	100.0

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1965-1971

FEBRUARY

AREA 0001 TONKIN GULF
18.3N 107.6E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM >A/8) AND VSBY (MM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	= OR >1	VSBY (MM) = OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	.7	.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0
= OR >5000	.9	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
= OR >3500	1.5	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4
= OR >2000	9.1	15.3	15.8	15.9	15.9	16.0	16.0	16.0	16.0
= OR >1000	22.0	49.2	51.4	51.6	51.7	51.8	51.8	51.8	51.8
= OR >600	25.1	61.5	66.6	67.2	67.4	67.4	67.4	67.4	67.4
= OR >200	25.7	64.6	72.1	73.2	73.5	73.6	73.6	73.6	73.7
= OR >150	25.7	64.7	72.3	73.5	73.8	73.9	74.0	74.0	74.0
= OR >0	25.7	64.7	72.4	73.6	74.1	74.2	74.4	74.4	74.4
TOTAL	1681	4229	4729	4808	4840	4848	4859	4861	4861

TOTAL NUMBER OF OBS: 6533

PC: "REQ NH <5/8: 25.6

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
6.7	3.2	8.8	4.0	2.7	4.1	8.1	5.6	55.5	1.3	6632	

FEBRUARY

AREA 0001 TONKIN GULF
10.3N 107.6E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

[illegible]

PERIOD: (PRIMARY) 1967-1971
(COVER-ALL) 1965-1971

FEBRUARY

AREA 0001 TONKIN GULF
10.3M 107.6E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS							
1/2	0-3	.1	.1	.1	.1	.0	.0	.1	.1	.0	.1	.4							
	4-10	.2	.2	.1	.1	.1	.0	.1	.1	.0	.1	.7							
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
	TOT N	.2	.2	.2	.2	.1	.1	.1	.1	.0	.1	1.2							
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1							
	4-10	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.4							
	11-21	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1							
	22+	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1							
	TOT N	.2	.1	.1	.1	.0	.0	.0	.1	.0	.0	.8							
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1							
	4-10	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.5							
	11-21	.3	.2	.1	.1	.0	.0	.0	.1	.0	.0	.7							
	22+	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3							
	TOT N	.7	.4	.1	.1	.0	.0	.0	.2	.0	.0	1.6							
2<5	0-3	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.4							
	4-10	.5	.0	.3	.3	.1	.1	.1	.2	.0	.0	2.3							
	11-21	1.7	1.5	.2	.2	.1	.1	.1	.3	.0	.0	4.1							
	22+	1.1	.6	.1	.0	.0	.0	.0	.1	.0	.0	1.7							
	TOT N	3.4	2.9	.5	.5	.1	.1	.2	.6	.0	.1	8.5							
5<10	0-3	.1	.3	.1	.1	.1	.1	.1	.1	.0	.2	1.2							
	4-10	2.6	3.0	2.1	1.0	.7	.3	.4	1.1	.0	.0	12.0							
	11-21	8.1	7.3	2.5	5.4	.6	.1	.2	1.1	.0	.0	25.3							
	22+	3.7	2.4	.2	.6	.1	.0	.0	.3	.0	.0	7.2							
	TOT N	14.6	13.0	4.0	8.0	1.4	.4	.6	2.6	.0	.2	45.6							
10+	0-3	.2	.2	.1	.1	.1	.1	.1	.1	.0	.3	1.2							
	4-10	2.5	2.9	3.5	2.0	.8	.3	.5	1.3	.0	.0	14.7							
	11-21	4.4	4.3	4.4	0.5	.6	.1	.1	.0	.0	.0	23.2							
	22+	.6	1.1	1.1	1.1	.1	.0	.0	.1	.0	.0	3.2							
	TOT N	7.9	8.5	8.2	12.6	1.6	.4	.7	2.2	.0	.3	42.3							
TOT OBS												6929							
TOT PCT		27	25	2	14	0	21	4	3	2	1	0	1.6	5	7	.0	.0	.0	100.0

FEBRUARY

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1965-1971

AREA 0001, TONKIN GULF
18.3M 107.6E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, MM >4/8) AND
OCCURRENCE OF MM <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MM <5/8 ANY HGT	TOTAL
00403	.5	.4	7.5	17.4	39.2	14.7	1.1	.3	.7	.4	92.0	18.0	1649
06409	.6	.3	7.0	17.1	35.6	13.9	1.0	.2	1.0	.3	76.9	23.1	1642
12415	.4	3	5.8	14.8	32.1	12.2	.9	.4	.4	.3	67.6	32.4	1620
18421	.2	.3	4.5	12.2	36.0	13.4	1.3	.7	.6	.4	70.5	29.5	1625
TOT	27	22	406	1023	2340	886	70	25	43	22	4864	1682	6546
PCT	.4	.3	6.2	15.6	35.7	13.5	1.1	.4	.7	.3	74.3	25.7	100.0

TABLE 11

PERCENT FREQUENCY VSBY (MM) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL OBS
00403	1.1	1.1	1.3	9.8	43.9	42.7	1666
06409	.8	.8	2.3	8.2	42.2	45.7	1658
12415	1.0	.4	1.1	7.8	49.6	40.0	1644
18421	.7	.6	.9	7.1	49.8	40.9	1642
TOT	61	48	52	545	3065	2799	6610
PCT	.9	.7	1.4	8.2	46.4	42.3	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (MM) AND/OR
CEILING HGT (FEET, MM >4/8) BY HOUR

HOUR (GMT)	<150 <50YD	<150 <1	<600 <1000	1000+ AND 5+	MM <5/8 TOTAL OBS
00403	1.7	10.0	30.0	53.1	16.9
06409	1.7	9.2	28.6	49.0	22.3
12415	1.5	7.8	25.9	43.1	31.0
18421	1.4	6.4	22.4	49.0	28.7
TOT	106	553	1766	3211	1633
PCT	1.6	8.4	26.7	48.6	24.7

FEBRUARY

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1855-1971

AREA 0001 TONKIN GULF
18.3N 107.6E

TABLE 13

		PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL	
TEMP F		0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100			Obs	PCT
85/89		.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	7	.1
80/84		.0	.0	.0	.0	.1	.3	.2	.1	.1	.1	53	.6
75/79		.0	.0	.0	.1	.2	2.2	8.5	5.2	.1	.1	1065	16.2
70/74		.0	.0	.0	.0	.8	4.8	10.9	11.3	.3	.3	1834	27.8
65/69		.0	.0	.0	.1	.4	3.0	10.4	10.3	.3	.3	1589	24.1
60/64		.0	.0	.0	.1	1.3	4.0	9.4	7.9	.3	.3	1498	22.7
55/59		.0	.0	.0	.0	.4	1.7	3.2	2.2	.3	.3	497	7.5
50/54		.0	.0	.0	.0	.0	.1	.2	.3	.3	.3	44	.7
TOTAL		.0	.0	.0	.0	.0	16.1	28.0	24.6	.3	.3	6587	100.0
PCT		.0	.0	.1	.4	.4	3.2	16.1	42.8	37.4			

TABLE 14

		PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										TOTAL	
TEMP F		0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100			Obs	PCT
85/89		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	.1
80/84		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	53	.6
75/79		.0	.0	.0	.1	.2	2.2	8.5	5.2	.1	.1	1065	16.2
70/74		.0	.0	.0	.0	.8	4.8	10.9	11.3	.3	.3	1834	27.8
65/69		.0	.0	.0	.1	.4	3.0	10.4	10.3	.3	.3	1589	24.1
60/64		.0	.0	.0	.1	1.3	4.0	9.4	7.9	.3	.3	1498	22.7
55/59		.0	.0	.0	.0	.4	1.7	3.2	2.2	.3	.3	497	7.5
50/54		.0	.0	.0	.0	.0	.1	.2	.3	.3	.3	44	.7
TOTAL		.0	.0	.0	.0	.0	16.1	28.0	24.6	.3	.3	6587	100.0
PCT		.0	.0	.1	.4	.4	3.2	16.1	42.8	37.4			

TABLE 15

		MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										TOTAL	
HR		MAX	99%	95%	50%	5%	1%	MIN	MEAN			Obs	PCT
00403		84	78	76	68	58	54	51	68.1	1743		1743	
06409		87	82	79	69	58	55	51	68.6	1758		1758	
12415		82	78	76	68	58	55	51	67.9	1748		1748	
18421		82	77	76	68	58	55	52	67.7	1772		1772	
TOT		87	79	77	68	58	55	51	68.1	7021		7021	

TABLE 16

		PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										TOTAL	
HR	(GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN		OBS	
00403		.0	.2	.3	3.3	16.0	41.2	38.3	.86	1851		1851	
06409		.0	1.0	4.6	21.0	45.0	28.5	.86	1639		1639		
12415		.0	.4	3.0	15.4	43.6	37.5	.86	1649		1649		
18421		.0	.4	2.1	12.0	41.5	44.0	.87	1655		1655		
TOT		.0	.33	2.14	10.60	28.23	24.64	.86	6594		6594		

AIR-SEA TMP DIF	49	53	57	61	65	69	73	77	81	85	TOT	W	W8
	52	56	60	64	68	72	76	80	84	88		FOG	FOG
14/16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0	.1
11/13	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	13	.1	.3
9/10	.0	.0	.0	.0	.1	.2	.2	.3	.3	.1	26	.1	.8
7/8	.0	.0	.0	.0	.1	.2	.3	.3	.1	.1	59	.1	.6
6	.0	.0	.0	.0	.1	.2	.3	.1	.1	.1	51	.1	1.6
5	.0	.0	.0	.0	.2	.5	1.1	.6	.1	.0	120	.2	2.3
4	.0	.0	.0	.0	.3	.4	1.1	.5	.1	.0	178	.3	3.8
3	.0	.0	.0	.0	.4	.5	1.5	.9	.1	.0	285	.4	5.4
2	.0	.0	.0	.0	.4	.7	1.1	.7	.1	.0	405	.6	6.0
1	.0	.0	.0	.0	.3	.6	.8	.4	.0	.0	429	.3	7.6
0	.0	.0	.0	.0	.2	.6	.9	.2	.0	.0	598	.6	7.7
-1	.0	.0	.0	.0	.5	.6	1.4	.3	.0	.0	552	.4	7.0
-2	.0	.0	.0	.0	.6	1.3	2.5	.1	.0	.0	553	.2	5.7
-3	.0	.0	.0	.0	.7	2.0	1.8	.0	.0	.0	490	.3	6.0
-4	.0	.0	.0	.0	.5	1.0	1.7	.4	.0	.0	406	.2	4.9
-5	.0	.0	.0	.0	.3	1.5	2.1	.9	.0	.0	425	.2	10.6
-6	.0	.0	.0	.0	.3	1.5	2.1	.9	.0	.0	349	.3	6.5
-7/-8	.0	.0	.0	.0	.9	1.1	4.4	3.5	.2	.0	742	.1	1.1
-9/-10	.0	.0	.0	.0	.6	.8	4.5	1.5	.2	.0	593	.3	75
-11/-13	.1	.3	2.4	2.7	.7	.0	.0	.0	.0	.0	422	.1	1.1
-14/-16	.0	.2	.4	.4	.0	.0	.0	.0	.0	.0	75	.0	.3
-17/-19	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	23	.0	
TOTAL											6795	5.4	94.6
PCT	.1	2.5	8.7	19.4	19.2	20.5	23.8	5.2	.5	.1	100.0		

PERIOD: (OVER-ALL) 1963-1971
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 TABLE 10
 AREA 0001 TOMKIN GULF
 10.3M 107.6C

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.1	1.2	4.1	.0	.0	.0	1.3	.2	1.3	3.8	.0	.0	.0	1.5
3-4	.1	2.9	6.1	1.4	.0	.0	7.0	.2	3.7	7.0	1.4	.0	.0	7.7
5-6	.0	1.6	2.4	1.0	.0	.0	3.5	.0	1.7	1.5	.9	.0	.0	10.1
7	.0	.2	2.6	1.9	.1	.0	4.6	.0	.3	1.5	1.1	.0	.0	2.7
8-9	.0	.1	.8	1.1	.1	.0	2.0	.0	.1	1.5	.5	.1	.0	2.8
10-11	.0	.1	.3	1.1	.1	.0	1.5	.0	.1	.2	.4	.0	.0	1.0
12	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.1	.0	.0	.6
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	5.9	16.3	6.6	.2	.0	29.3	.4	7.0	14.5	4.4	.1	.0	26.4

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.1	1.1	2.6	.0	.0	.0	1.3	.2	1.0	4.6	.0	.0	.0	1.2
3-4	.1	3.0	3.2	.1	.0	.0	5.8	.1	2.9	4.6	1.1	.0	.0	7.8
5-6	.0	1.3	.6	.1	.0	.0	.9	.0	1.0	1.7	.3	.0	.0	9.0
7	.0	.2	.4	.1	.0	.0	.5	.0	.0	.3	.1	.0	.0	1.1
8-9	.0	.1	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.5
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	5.6	7.0	.3	.0	.0	13.2	.3	4.9	12.6	1.6	.0	.0	19.7

PERIOD: (OVER-ALL) 1963-1971

FEBRUARY

TABLE 18

AREA 0001, TONKIN GULF
18.3M 107.8E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	S					SM					PCT				
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
41	.1	.5	.6	.0	.0	.0	.6	.1	.3	.0	.0	.0	.0	.3	.3
1-2	.1	.9	.6	.0	.0	.0	1.5	.1	.2	.1	.0	.0	.0	.4	.4
3-4	.5	.3	.5	.0	.0	.0	.8	.5	.1	.1	.0	.0	.0	.2	.2
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25-27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	1.7	1.1	.0	.0	.0	2.9	.2	.6	.1	.0	.0	.0	.9	.9

HGT	M					MM					PCT				
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
41	.2	.3	.0	.0	.0	.0	.4	.1	.9	.0	.0	.0	.0	1.0	1.0
1-2	.1	.5	.2	.0	.0	.0	.7	.2	1.3	1.1	.0	.0	.0	2.6	2.6
3-4	.0	.1	.0	.0	.0	.0	.3	.5	.4	.9	.2	.0	.0	1.7	1.7
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.4	.4
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.3	.3
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	1.0	.4	.0	.0	.0	1.5	.3	.7	2.6	.4	.0	.0	5.9	5.9

FEBRUARY

AREA 0001 TONKIN GULF
10.3N 107.6E

PERIOD: (OVER-ALL) 1963-1971

TABLE 18 (CONT)

WGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT BDS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	1.3	6.5	.2	.0	.0	.0	7.9	
1-2	1.0	15.3	17.2	.0	.0	.0	33.5	
3-4	.1	6.5	24.8	4.3	.0	.0	35.7	
5-6	.8	.8	5.5	2.3	.8	.0	8.6	
7	.0	.3	4.9	3.3	.1	.0	8.6	
8-9	.0	.8	1.4	1.7	.1	.0	3.2	
10-11	.0	.8	.6	1.5	.1	.0	2.1	
12	.0	.0	.0	.2	.1	.0	.2	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	2.4	29.4	54.6	13.2	.4	.0	100.0	
							5333	

PERIOD: (OVER-ALL) 1953-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
(SEC)																					
6	2.0	24.1	29.2	6.7	6.2	1.3	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3977	3
6-7	.0	1.5	4.0	3.0	4.2	1.6	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	890	5
6-9	.0	.4	.7	.7	1.1	1.1	1.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	326	7
10-11	.0	.3	.2	.2	.1	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	81	7
12-13	.0	.0	.5	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	44	6
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9	11
TOT PCT	168	1617	2069	631	679	248	190	51	25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	351	3
TOTAL																				5678	4
PCT																				100.0	

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1974-1971

MARCH

AREA 0001 TONKIN GULF
10.2N 107.0E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WMC DIR	RAIN	RAIN	SHWR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	TMR LTNG	OTHER WEATHER PHENOMENA					TOTAL 00S
					FRZG	SNOW	OTHER					FRZG	SNOW	DUST	NO	SIG	
					PCPN							PCPN	PCPN	PCPN	PCPN	PCPN	
N	1.1	.2	1.4	.0	.0	.0	.0	.0	2.7	.0	.1	.9	1.2	.0	.0	10.3	
NE	.5	.2	.6	.0	.0	.0	.0	.0	1.5	.0	.1	1.7	1.5	.0	.0	11.5	
E	.2	.1	.3	.0	.0	.0	.0	.0	.7	.0	.1	1.5	2.6	.0	.0	13.5	
SE	.2	.1	.1	.0	.0	.0	.0	.0	.4	.0	.1	1.9	8.2	.0	.0	22.0	
S	.1	.1	.1	.0	.0	.0	.0	.0	.2	.0	.0	1.0	1.4	.0	.0	4.5	
SW	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.5	.3	.0	.0	.6	
W	.1	.1	.1	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2	.0	.0	1.1	
NW	.3	.2	.6	.0	.0	.0	.0	.0	1.0	.0	.0	.6	.3	.0	.0	3.4	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.2	.0	.0	.5	
TOT 00S	2.0	.70	2.45	.0	.0	.0	.0	.0	6.7	503	21	633	1220	.2	.2	5115	7484
TOT PCT	2.5	.9	3.3	.0	.0	.0	.0	.0			.3	8.4	16.3	.2	.2	68.3	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN	SHWR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	TMR LTNG	OTHER WEATHER PHENOMENA					TOTAL 00S
					FRZG	SNOW	OTHER					FRZG	SNOW	DUST	NO	SIG	
					PCPN							PCPN	PCPN	PCPN	PCPN	PCPN	
0000	3.1	1.0	4.1	.0	.0	.0	.0	.1	8.2	.0	.0	11.1	16.2	.0	.0	64.5	
0600	2.0	.6	2.1	.0	.0	.0	.0	.0	4.6	.0	.0	9.1	19.9	.1	.1	60.3	
1200	1.3	.9	2.9	.0	.0	.0	.0	.0	5.6	.0	.4	6.8	17.4	.0	.0	69.8	
1800	3.2	1.3	4.0	.0	.0	.0	.0	.0	8.5	.0	.8	7.1	11.5	.0	.0	72.1	
TOT	1.90	.70	2.46	.0	.0	.0	.0	.1	6.7	504	21	641	1223	.2	.2	5119	7510
PCT	2.5	.9	3.3	.0	.0	.0	.0	.0			.3	8.5	16.3	.2	.2	68.2	

PERIOD: (PRIMARY) 1967-1971 (OVER-ALL) 1974-1971									
MARCH									
TABLE 3									
PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR									
AREA 0001 TOMKIN GULF 18.2N 107.6E									
WIND SPEED (KNOTS)									
WIND DIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD
N	.7	4.8	7.8	1.7	.0	.0	15.0	13.5	13.5
NE	.6	7.1	7.4	1.9	.0	.0	17.1	12.6	12.6
E	.7	8.0	9.0	.7	.0	.0	18.4	11.5	11.5
SE	.5	8.2	21.5	2.8	.0	.0	33.0	14.1	14.1
S	.2	2.9	3.2	.5	.0	.0	7.0	12.3	12.3
SW	.2	1.1	.2	.0	.0	.0	1.4	7.2	7.2
W	.4	1.2	.3	.0	.0	.0	1.7	7.5	7.5
NW	.4	2.7	2.0	.1	.0	.0	5.4	10.1	10.1
VAR	.0	.0	.0	.0	.0	.0	1.0	1.2	1.2
CALM	1.0	.0	.0	.0	.0	.0	1.0	1.2	1.2
TOT OBS	344	2790	3950	606	11	0	7709	100.0	12.6
TOT PCT	4.5	36.2	51.3	7.9	.1	.0	100.0	100.0	100.0

TABLE 3A									
WIND SPEED (KNOTS)									
WIND DIR	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00 03
N	2.2	8.3	4.1	.4	.0	15.0	15.0	13.5	13.5
NE	3.1	9.5	2.9	.5	.0	17.1	17.1	12.6	12.6
E	2.9	12.6	2.8	.1	.0	18.4	18.4	11.5	11.5
SE	2.3	20.3	10.2	.3	.0	33.0	33.0	14.1	14.1
S	1.3	4.0	1.6	.1	.0	7.0	7.0	12.3	12.3
SW	.8	.6	.1	.0	.0	1.4	1.4	7.2	7.2
W	.8	.9	.1	.0	.0	1.7	1.7	7.5	7.5
NW	1.5	3.1	.7	.0	.0	5.4	5.4	10.1	10.1
VAR	.0	.0	.0	.0	.0	1.0	1.0	1.2	1.2
CALM	1.0	.0	.0	.0	.0	1.0	1.0	1.2	1.2
TOT OBS	1237	4564	1805	103	0	7709	100.0	12.6	12.6
TOT PCT	16.0	59.2	23.4	1.3	.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1874-1971

MARCH

AREA 0001 TONKIN GULF
18.2M 107.8E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT	TOTAL
				11-21	22-33	34-47	48+				
00403	1.1	4.5	34.7	51.5	8.0	.2	.0	12.5	100.0	1917	
06409	1.1	3.9	37.1	51.8	6.0	.1	.0	12.2	100.0	1944	
12415	.8	2.6	36.1	51.7	8.7	.2	.0	12.8	100.0	1927	
18421	1.0	2.9	36.9	50.3	8.7	.2	.0	12.7	100.0	1921	
TOT	77	267	2790	3958	606	11	0	12.6			7709
PCT	1.0	3.5	36.2	51.3	7.9	.1	.0	100.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-4	TOTAL	MEAN	CLOUD	COVER	TOTAL
N	.8	.3	2.1	11.7		7.2			
NE	1.4	.7	3.0	10.9		6.8			
E	4.1	1.7	5.4	7.1		5.4			
SE	15.3	3.8	8.2	7.1		3.8			
S	2.4	.7	1.5	2.3		4.5			
SW	.3	.1	.2	.8		6.0			
W	.2	.2	1.4	1.0		7.0			
NW	.4	.2	1.1	3.8		7.0			
VAR	.0	.0	.0	.0					
CALM	.1	.3		.4		6.2			
TOT	885	1769	547	1577	3190	7083			
TOT PCT	25.0	7.7	22.3	45.0	100.0				

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT-M 1/4/8)
AND OCCURRENCE OF MH 45/8 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	309	399	499	500	5000	6499	7999	8000+	RM	45/8	TOTAL
N	.1	.1	.2	1.7	3.7	6.1	1.3	.1	.1	.1	.1	.1	.1	.1	.1	1.6
NE	.1	.1	.3	1.2	2.8	6.4	2.2	.3	.1	.1	.1	.1	.1	.1	.1	2.5
E	.1	.1	.1	.8	1.6	5.5	1.9	.4	.2	.1	.1	.1	.1	.1	.1	7.1
SE	.2	.2	.2	1.0	2.3	5.4	2.2	.2	.1	.1	.1	.1	.1	.1	.1	21.7
S	.1	.1	.1	.2	.7	1.5	.6	.1	.1	.1	.1	.1	.1	.1	.1	3.7
SW	.1	.1	.1	.1	.2	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4
W	.1	.1	.1	.1	.2	.6	.2	.1	.1	.1	.1	.1	.1	.1	.1	.4
NW	.1	.1	.1	.4	1.4	2.3	.3	.1	.1	.1	.1	.1	.1	.1	.1	.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.1	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
TOT	45	61	392	927	2027	635	87	43	71	76	2719	7083	100.0			
TOT PCT	.6	.9	5.5	13.1	28.6	9.0	1.2	.6	.6	1.0	1.1	38.4	100.0			

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1974-1971

MARCH

AREA 0001 TANMIN GULF
10.2N 107.6E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NM >4/8) AND VSBY (NM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	VSBY (NM) = OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >5000	1.1	1.9	2.1	2.1	2.1	2.1	2.1	2.1
= OR >5000	1.4	2.4	2.7	2.7	2.7	2.7	2.7	2.7
= OR >5000	2.0	3.6	3.9	3.9	3.9	3.9	3.9	3.9
= OR >2000	7.0	12.0	12.8	12.9	12.9	12.9	12.9	12.9
= OR >1000	17.8	37.9	41.1	41.4	41.4	41.5	41.5	41.5
= OR >600	20.9	48.5	53.7	54.3	54.5	54.5	54.5	54.5
= OR >300	21.5	51.5	58.6	59.4	59.8	60.0	60.1	60.1
= OR >150	21.7	51.9	59.1	60.1	60.6	60.7	61.0	61.0
= OR >0	21.7	52.0	59.3	60.3	60.9	61.2	61.5	61.6
TOTAL	1536	3686	4205	4272	4320	4337	4361	4367

TOTAL NUMBER OF OBS: 7089

PCT FREQ NM (5/8): 38.4

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	9	TOTAL
	16.6	4.0	9.5	4.6	3.1	4.2	8.9	6.5	40.6	2.2	7242

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1974-1971

MARCH

AREA 0001, TONKIN GULF
19.2M 107.6E

TABLE B
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VISBY (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.2	.2	.2	.4	.3	.1	.0	.1	.0	.0	.1	
M6 PCP	.2	.2	.2	.4	.3	.1	.0	.1	.0	.1	1.6	
TOT M	.2	.2	.2	.4	.3	.1	.0	.2	.0	.1	1.8	
PCP	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
M6 PCP	.1	.3	.1	.3	.1	.1	.0	.1	.0	.0	1.0	
TOT M	.2	.3	.1	.3	.1	.1	.0	.2	.0	.0	1.2	
PCP	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0	.4	
M6 PCP	.1	.2	.2	.2	.1	.0	.0	.1	.0	.0	.9	
TOT M	.3	.3	.2	.2	.1	.1	.0	.1	.0	.0	1.3	
PCP	.7	.4	.3	.1	.0	.0	.1	.3	.0	.0	1.9	
M6 PCP	.5	1.3	1.3	2.5	.8	.3	.1	3	.0	.1	7.2	
TOT M	1.2	1.7	1.6	2.6	.8	.3	.2	3	.0	.1	9.2	
PCP	1.5	.7	.3	.3	.1	.0	.1	.5	.0	.0	3.6	
M6 PCP	6.0	7.3	7.5	15.0	3.0	.5	.5	1.8	.0	.3	41.9	
TOT M	7.4	8.0	7.8	15.3	3.0	.6	.6	2.4	.0	.4	45.4	
PCP	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.5	
M6 PCP	5.5	5.8	8.4	14.9	2.7	.3	.8	1.9	.0	.3	40.7	
TOT M	5.7	6.0	8.4	14.9	2.7	.3	.8	1.9	.0	.4	41.1	
TOT OBS	15.0	16.5	18.3	33.6	7.0	1.4	1.7	5.4	.0	1.0	100.0	7493

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1974-1971

MARCH

AREA 0001 TANKIN GULF
18.2N 107.5E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISIB (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	.1	.2	.2	.3	.2	.1	.0	.0	.0	.1	.3
	4-10	.1	.2	.2	.3	.2	.1	.0	.1	.0	.1	1.2
	11-21	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.4
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT N	.2	.3	.2	.4	.3	.1	.0	.0	.0	.1	1.8
1/2-1	0-3	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1
	4-10	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.6
	11-21	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.4
	22+	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
	TOT N	.2	.3	.1	.3	.1	.1	.0	.2	.0	.0	1.2
1-2	0-3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.2
	4-10	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.6
	11-21	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.5
	22+	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1
	TOT N	.3	.3	.3	.2	.1	.1	.0	.1	.0	.0	1.4
2-5	0-3	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.5
	4-10	.5	.7	.7	.7	.4	.3	.1	.3	.0	.0	4.0
	11-21	.5	.7	.8	1.5	.3	.0	.0	.2	.0	.0	3.9
	22+	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	1.1
	TOT N	1.3	2.0	1.6	2.6	.8	.3	.2	.7	.0	.1	9.5
5-10	0-3	.3	.2	.2	.2	.2	.1	.1	.2	.0	.4	1.7
	4-10	2.0	3.0	3.4	2.9	1.2	.4	.5	1.1	.0	.0	14.5
	11-21	4.0	3.8	3.9	10.1	1.5	.1	.1	.9	.0	.0	24.4
	22+	1.0	1.1	.4	.6	.4	.0	.0	.0	.0	.0	4.7
	TOT N	7.3	8.1	7.9	15.1	3.1	.6	.6	2.3	.0	.4	45.3
10+	0-3	.2	.2	.3	.1	.1	.0	.1	.1	.0	.4	1.5
	4-10	1.9	2.7	3.6	4.2	1.1	.2	.5	1.0	.0	.0	15.2
	11-21	3.1	2.6	4.2	9.8	1.4	.0	.1	.0	.0	.0	22.0
	22+	.3	.4	.3	.7	.1	.0	.0	.0	.0	.0	1.9
	TOT N	5.6	5.9	8.3	14.7	2.7	.3	.6	1.9	.0	.4	40.6
TOT OBS												7622
TOT PCT		15.0	16.9	18.5	33.2	7.0	1.4	1.8	5.3	.0	1.0	100.0

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1974-1971

MARCH

AREA 0001, TONKIN GULF
18.2N, 107.6E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET.MH >4/0) AND
OCCURRENCE OF MH <5/0 BY HOUR

HOUR (GMT)	000	150	300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	TOTAL	MH <5/0 ANY HGT	TOTAL
00403	.8	1.0	7.5	17.0	30.4	9.7	1.5	.6	1.0	1.4	70.0	29.2	1764				
06409	1.0	.6	5.1	12.8	26.5	9.1	1.3	.8	1.5	1.0	60.8	39.2	1764				
12415	.4	.8	4.4	10.3	26.7	8.1	1.1	.6	1.0	1.3	54.8	45.2	1785				
18421	.3	1.0	4.1	12.2	30.7	9.0	1.0	.5	.6	.6	59.9	40.1	1764				
TOT	45	61	392	927	2027	636	88	43	73	76	4368	2729	7097				
PCT	.6	.9	5.5	13.1	28.6	9.0	1.2	.6	1.0	1.1	61.5	38.5	100.0				

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL OBS
00403	3.0	1.4	1.5	12.2	40.7	41.1	1815
06409	1.7	1.4	1.6	10.7	40.0	44.5	1816
12415	1.3	.6	.9	7.6	49.6	40.0	1803
18421	1.5	.6	.7	6.9	51.7	38.6	1790
TOT	136	73	86	676	3286	2967	7224
PCT	1.9	1.0	1.2	9.4	45.5	41.1	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET.MH >4/0) BY HOUR

HOUR (GMT)	<150 CEILING	<600 CEILING	<1000 CEILING	<1000+ AND 5+	MH <5/0 AND 5+	TOTAL OBS
00403	3.0	12.6	35.5	39.2	25.2	1815
06409	2.9	10.3	29.4	35.5	35.2	1816
12415	1.5	6.9	21.7	35.4	42.8	1803
18421	1.9	7.2	22.7	38.0	38.5	1790
TOT	183	668	1976	2689	2559	7224
PCT	2.5	9.2	27.4	37.2	35.4	100.0

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1874-1971

MARCH

AREA 0001 TONKIN GULF
18.2N 107.6E

TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL	PCT
05/89	.0	.0	.0	.0	.1	.1	.1	.0	17	.2
06/84	.0	.0	.0	.0	.1	.6	1.5	.6	204	2.8
74/79	.0	.0	.0	.1	.2	2.0	13.5	16.8	2344	32.7
70/74	.0	.0	.0	.1	.7	2.8	12.7	23.8	2881	40.2
65/69	.0	.0	.0	.0	.2	1.6	5.7	7.6	1083	15.1
60/64	.0	.0	.0	.0	.0	.9	2.6	3.6	519	7.2
55/59	.0	.0	.0	.0	.0	.3	.7	.6	115	1.6
50/54	.0	.0	.0	.0	.0	.0	.1	.1	8	.1
TOTAL	.0	.0	.0	.1	1.6	10.6	59.5	38.7	7171	100.0
PCT	.0	.0	.0	.2	1.5	8.3	36.9	53.1		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
05/89	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0
06/84	.1	.1	.5	1.4	.5	.5	.5	.1	.1	.0
74/79	.9	1.6	6.8	10.9	2.9	.4	.4	.7	.0	.2
70/74	5.5	5.6	8.2	12.8	3.2	.7	.8	2.8	.0	.5
65/69	5.3	4.4	1.8	.7	.5	.3	.4	1.5	.0	.3
60/64	2.4	3.5	.6	.1	.1	.5	.1	.2	.0	.0
55/59	.7	.7	.1	.5	.5	.0	.5	.5	.0	.0
50/54	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	15.0	16.0	18.1	34.0	7.2	1.5	1.8	5.4	.0	1.0

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	90%	50%	5%	1%	MIN	MEAN	TOTAL
00403	86	81	79	73	73	62	57	51	71.9	1913
06409	86	83	81	74	74	62	56	53	73.1	1941
12415	86	81	78	73	73	62	57	53	71.9	1930
18421	84	79	78	72	72	61	57	52	71.3	1923
TOT	86	82	79	73	73	62	57	51	72.1	7707

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-59	60-59	70-79	80-89	90-100	MEAN	TOTAL
00403	.0	.2	1.6	7.0	37.0	54.2	88	865
06409	.0	.2	2.7	13.4	47.7	36.1	86	1801
12415	.0	.2	1.0	7.4	36.0	55.2	89	1794
18421	.0	.2	.6	5.4	26.8	67.0	90	1793
TOT	.0	1.7	10.6	59.6	264.7	381.6	89	7182

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1874-1971

MARCH

TABLE 17

PCT FREQ OF AIR TEMPERATURE (LEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA		AREA 0001 TONKIN GULF											
TYP OF													

PERIOD: (OVER-ALL) 1963-1971

MARCH
TABLE 18

AREA 0001 TOMKIN GULF
18.2N 107.6E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	M				NE				PCT				
1	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.3	1.0	.1	.0	.0	.0	.2	1.7	.0	.0	.0	.0	1.9
2	.3	2.2	1.6	.0	.0	.0	.2	3.6	2.8	.0	.0	.0	6.7
3-4	#	1.3	3.7	.3	.0	.0	#	1.4	2.6	.6	.0	.0	4.8
5-6	#	.1	1.2	.2	#	.0	.0	.9	.4	.4	.0	.0	1.4
7	.0	.1	1.3	.4	#	.0	.0	1.1	.6	.5	#	.0	1.2
8-9	.0	#	.4	.4	.0	.0	.0	.0	.2	.2	#	.0	.4
10-11	.0	.0	.2	.3	.0	.0	.0	.0	#	.1	.0	.0	.2
12	.0	#	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	#
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.6	4.0	8.6	1.7	#	.0	.4	7.0	7.3	1.9	#	.0	16.7

HGT	E				SE				PCT				
1	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.3	1.6	.6	.0	.0	.0	.1	1.4	.1	.0	.0	.0	1.6
11	.3	4.5	3.6	.0	.0	.0	.2	4.9	8.3	.0	.0	.0	13.3
3-4	.0	1.5	4.0	.4	.0	.0	#	2.0	12.2	2.1	.0	.0	16.3
5-6	#	.2	.0	.2	.0	.0	.0	.2	1.4	.1	#	.0	2.0
7	.0	#	.4	.1	#	.0	.0	.0	.0	.3	.0	.0	1.3
8-9	.0	.0	#	.0	.0	.0	.0	.0	#	.0	.0	.0	.1
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	#
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	.5	7.0	8.0	.7	#	.0	.4	8.5	22.0	3.0	#	.0	34.6

PERIOD: (OVER-ALL) 1963-1971

MARCH
TABLE 10

AREA 0001 TONKIN GULF
18.2N 107.8E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.2	.6	.1	.0	.0	.0	.9	.1	.4	.0	.0	.0	.0	.5
3-4	.1	1.5	1.4	.0	.0	.0	3.0	.6	.6	.1	.0	.0	.0	.7
5-6	.0	.5	1.5	.4	.0	.0	2.4	.2	.1	.2	.0	.0	.0	.2
7	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	2.7	3.1	.5	.0	.0	6.6	.1	1.1	.2	.0	.0	.0	1.4

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.1	.4	.0	.0	.0	.0	.5	.2	.7	.0	.0	.0	.0	.9	.2	1.2	.7	.0	.0	.0	.9
3-4	.1	.6	.1	.0	.0	.0	.8	.2	1.2	.0	.0	.0	.0	2.1	.0	.6	.0	.0	.0	.0	2.1
5-6	.0	.1	.0	.0	.0	.0	.2	.0	.6	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	1.5
7	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.3
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	1.1	.2	.0	.0	.0	1.5	.4	2.6	2.0	.0	.0	.0	5.0	.4	2.6	2.0	.0	.0	.0	5.0

PERIOD: (OVER-ALL) 1963-1971

MARCH

AREA 0001, TONKIN GULF
10.2M 107.6E

TABLE 10 (CONT)

WGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	0	10-3	39-1	36-6		
1-2	2.2	7.8	18.7	0	0	0	0	10.3	39.1	36.6		
3-4	1.2	19.1	25.0	3.5	0	0	0	0	0	0		
5-6	0	0	4.6	1.2	0	0	0	0	0	0		
7	0	0	3.2	1.4	0	0	0	0	0	0		
8-9	0	0	0	0	0	0	0	0	0	0		
10-11	0	0	0	0	0	0	0	0	0	0		
12	0	0	0	0	0	0	0	0	0	0		
13-16	0	0	0	0	0	0	0	0	0	0		
17-19	0	0	0	0	0	0	0	0	0	0		
20-22	0	0	0	0	0	0	0	0	0	0		
23-25	0	0	0	0	0	0	0	0	0	0		
26-32	0	0	0	0	0	0	0	0	0	0		
33-40	0	0	0	0	0	0	0	0	0	0		
41-48	0	0	0	0	0	0	0	0	0	0		
49-60	0	0	0	0	0	0	0	0	0	0		
61-70	0	0	0	0	0	0	0	0	0	0		
71-86	0	0	0	0	0	0	0	0	0	0		
87+	0	0	0	0	0	0	0	0	0	0		
TOT PCT	3.6	35.5	52.9	7.9	.1	.0	100.0					5720

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																		TOTAL	MEAN HGT
	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+		
1-2	2.1	20.9	34.2	4.7	0.6	0.3	0.1	0	0	0	0	0	0	0	0	0	0	0	4522	3
3-4	1	0	4.7	2.7	1.0	0.3	0.1	0	0	0	0	0	0	0	0	0	0	0	740	5
5-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	237	6
7-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130	7
10-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	8
12-13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2
14-15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	385	3
16-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6059	
TOTAL	221	2001	2560	502	502	151	79	18	4	0	0	0	0	0	0	0	0	0	100.0	
PCT	3.6	33.0	42.3	8.3	2.5	1.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0		

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1904-1971

APRIL

AREA 0001 TONKIN GULF
10.3M 107.6E

TABLE 1
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	SHWR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ	TOTAL	THOR	OTHER WEATHER PHENOMENA				TOTAL
				FRZG	SNOW	OTHER					FG	SMOKE	DUST	NO	
				PCPN	PCPN	PCPN		00 TIME	00S	LTNG	PCPN	HAZE	BLWG	SNOW	00S
N	.6	.2	.4	.0	.0	.0	.0	1.3			.7	.9	.0	.0	9.5
NE	.4	.2	.2	.0	.0	.0	.0	.0		.1	1.1	1.2	.0	.0	9.0
E	.2	.2	.1	.0	.0	.0	.0	.4		.1	1.0	2.5	.0	.0	13.9
SE	.1	.1	.1	.0	.0	.0	.0	.2		.2	1.3	5.2	.0	.0	30.6
S	.1	.1	.1	.0	.0	.0	.0	.1		.1	.6	1.1	.0	.0	7.8
SW	.1	.1	.1	.0	.0	.0	.0	.1		.1	.1	.2	.0	.0	1.9
W	.1	.1	.1	.0	.0	.0	.0	.2		.1	.1	.2	.0	.0	1.2
NW	.2	.1	.3	.0	.0	.0	.0	.6		.1	.5	.3	.0	.0	3.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.1		.0	.3	.2	.0	.0	.9
TOT 00S	110	57	93	0	0	0	0		259	37	392	833	0	0	5450
TOT PCT	1.6	.8	1.3	.0	.0	.0	.0	3.7		.5	5.6	11.9	.0	.0	70.3

TABLE 2
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	SHWR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ	TOTAL	THOR	OTHER WEATHER PHENOMENA				TOTAL
				FRZG	SNOW	OTHER					FG	SMOKE	DUST	NO	
				PCPN	PCPN	PCPN		00 TIME	00S	LTNG	PCPN	HAZE	BLWG	SNOW	00S
00003	2.0	.9	2.3	.0	.0	.0	.0	5.1		.1	0.0	13.6	.0	.0	73.3
06009	1.4	1.0	.8	.0	.0	.0	.0	3.2		.1	5.0	15.1	.0	.0	76.7
12015	1.1	.7	.8	.0	.0	.0	.0	2.6		.5	4.5	11.3	.0	.0	81.1
18021	1.8	.7	1.5	.0	.0	.0	.0	4.0		1.5	5.0	7.9	.0	.0	81.9
TOT	110	57	93	0	0	0	0		259	37	392	833	0	0	5450
PCT	1.6	.8	1.3	.0	.0	.0	.0	3.7		.5	5.6	11.9	.0	.0	70.3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR												
WIND DIR	WIND SPEED (KNOTS)											
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06
N	.5	4.9	5.2	1.5	.1	.0	.0	12.2	12.8	11.6	14.0	13.6
NE	.7	5.9	5.7	.7	.1	.0	.0	13.1	11.6	13.7	11.2	15.5
E	.8	9.1	7.7	.3	.0	.0	.0	17.9	10.5	16.3	17.2	15.1
SE	.7	11.4	23.2	2.1	.0	.0	.0	37.5	13.3	35.6	36.6	33.9
S	.5	4.1	4.9	.3	.0	.0	.0	9.7	11.5	10.8	10.6	8.8
SW	.2	.9	.2	.0	.0	.0	.0	1.4	7.6	1.5	1.9	2.1
W	.2	1.3	.2	.0	.0	.0	.0	1.7	7.2	2.4	1.9	2.6
NW	.4	2.7	1.9	.1	.0	.0	.0	5.0	9.9	6.5	5.4	6.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	1.5	28.4	34.7	36.3	16	.0	7088	1.5	11.8	11.35	1.3	1.8
TOT OBS	194	284	49.0	5.1	.2	.0		100.0		100.0	100.0	100.0
TOT PCT	5.6	40.1								61%	61%	1159
										100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)											
	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	09
N	2.2	6.9	2.8	.4	.0	12.2	12.8	12.4	14.5	11.0	10.9	10.9
NE	2.7	7.7	2.6	.2	.0	13.1	11.6	12.8	14.2	13.0	12.5	12.5
E	3.5	12.4	1.9	.0	.0	17.9	10.5	16.6	17.3	20.8	16.9	16.9
SE	3.7	22.9	10.7	.1	.0	37.5	13.3	35.9	35.7	39.5	38.6	38.6
S	1.8	6.1	1.7	.0	.0	9.7	11.5	10.7	7.7	9.2	11.1	11.1
SW	.7	.5	.1	.0	.0	1.4	7.6	1.7	1.6	1.0	1.2	1.2
W	.8	.0	.0	.0	.0	1.7	7.2	2.2	1.9	1.0	1.7	1.7
NW	1.4	3.0	.5	.0	.0	5.0	9.9	6.1	5.5	3.3	5.1	5.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	1.5	42.7	14.4	.7	.0	1.5	11.8	1.5	1.6	1.1	1.9	1.9
TOT OBS	1306	4287	1444	50	1	7088	100.0	11.8	1740	1763	1800	1785
TOT PCT	18.4	60.5	20.4	.7	.0				100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1904-1971

APRIL

AREA 0001 TONKIN GULF
18.3N 107.6E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	WIND SPEED (KNOTS)				MEAN	PCT	TOTAL	PCT
		1-3	4-10	11-21	22-33	34-47			
0603	1.5	4.1	40.7	47.6	5.9	.1	.0	11.7	100.0
0609	1.6	4.2	41.7	47.8	4.6	.1	.0	11.6	100.0
12415	1.1	3.3	35.7	53.1	6.4	.3	.0	12.6	100.0
18421	1.9	4.5	42.4	47.3	3.6	.3	.0	11.3	100.0
TOT	109	285	2844	3471	363	15	0	11.8	100.0
PCT	1.5	4.0	40.1	49.0	5.1	.2	.0	11.8	100.0

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION									
WIND DIR	0-2	3-4	5-7	8 & 0850	TOTAL 085	MEAN CLOUD COVER			
						6-3	6-3	6-3	6-3
N	1.4	1.1	3.8	6.3	6.3	6.3	6.3	6.3	6.3
NE	1.5	1.0	3.9	6.3	6.3	6.3	6.3	6.3	6.3
E	1.2	2.4	5.9	4.2	4.6	4.6	4.6	4.6	4.6
SE	16.4	5.4	10.9	5.3	3.7	3.7	3.7	3.7	3.7
S	3.5	1.3	2.4	2.3	4.2	4.2	4.2	4.2	4.2
SW	.2	.1	.4	.6	6.0	6.0	6.0	6.0	6.0
W	.3	.1	.4	.8	6.0	6.0	6.0	6.0	6.0
NW	.5	.4	1.3	2.8	6.5	6.5	6.5	6.5	6.5
VAR	.0	.0	.0	.0	5.2	5.2	5.2	5.2	5.2
CALM	.3	.2	.4	.5	4.8	4.8	4.8	4.8	4.8
TOT 085	1929	793	1932	1930	6584	6584	6584	6584	6584
TOT PCT	29.3	12.0	29.3	29.3	100.0	100.0	100.0	100.0	100.0

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH >4/8) AND OCCURRENCE OF MH <5/8 BY WIND DIRECTION														
WIND DIR	000	149	150	299	300	599	600	999	1000	1999	2000	3499	4999	5000
N	.1	.1	.1	.6	1.9	3.5	1.6	.2	.2	.2	.2	.2	.2	.2
NE	.1	.1	.1	.7	1.4	3.5	2.1	.4	.3	.3	.3	.3	.3	.3
E	.1	.1	.1	.3	1.6	3.8	2.4	.5	.5	.5	.5	.5	.5	.5
SE	.1	.1	.1	.1	1.4	1.2	.7	.1	.1	.1	.1	.1	.1	.1
S	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
W	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
NW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
VAR	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CALM	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
TOT 085	41	25	201	482	1202	638	123	62	62	150	3572	6584	100.0	100.0
TOT PCT	.6	.4	3.1	7.3	18.3	9.7	1.9	.9	1.3	2.3	54.3	100.0	100.0	100.0

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1964-1971

APRIL

AREA 0001 TENKIN GULF
18.3M 107.6E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	VSBY (NM) = OR > 1	= OR > 1/2	= OR > 1/4	= OR > 0
= OR > 6500	2.1	3.5	3.6	3.6	3.6	3.6	3.6
= OR > 5000	2.7	4.4	4.6	4.6	4.6	4.6	4.6
= OR > 3500	3.7	6.2	6.4	6.4	6.4	6.4	6.4
= OR > 2000	9.0	15.5	16.0	16.1	16.1	16.1	16.1
= OR > 1000	16.8	32.3	33.9	34.2	34.2	34.4	34.4
= OR > 800	18.7	38.6	41.1	41.4	41.5	41.7	41.7
= OR > 600	19.2	40.4	43.9	44.4	44.5	44.7	44.7
= OR > 400	19.2	40.5	44.2	44.7	44.9	45.1	45.1
= OR > 200	19.3	40.7	44.5	45.1	45.5	45.6	45.7
= OR > 0	19.3	40.7	44.5	45.1	45.5	45.6	45.7
TOTAL	1268	2678	2930	2970	2992	3004	3011

TOTAL NUMBER OF OBS: 6583

PCT FREQ NH < 5/8: 54.3

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	00SC0	TOTAL
	21.6	7.9	14.4	5.7	4.0	5.6	10.5	5.1	24.0	1.2	6669

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1904-1971

APRIL

AREA 0001 TONKIN GULF
18.3N 107.6E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VISBY (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	1	2	3	1	1	1	4	1	1	0	1	1.1
TOT N	1	3	3	1	1	1	5	2	1	1	1.2	
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	1	1	1	1	1	1	1	1	1	1	1	1.4
TOT N	1	1	1	1	1	1	2	2	2	2	2	2.5
PCP	1	1	1	1	1	1	1	1	1	1	1	1.3
NO PCP	1	2	1	1	1	1	1	1	1	1	1	1.7
TOT N	2	3	2	2	2	2	2	2	2	2	2	3.0
PCP	3	2	1	1	1	1	1	1	1	1	1	1.9
NO PCP	5	6	7	1.2	3	1	1	1	1	1	1	3.9
TOT N	8	8	8	2.2	4	2	2	2	2	2	2	5.8
PCP	6	4	2	1	1	1	1	1	1	1	1	1.8
NO PCP	3	9	7	17.6	3.6	5	5	1.7	0	0	0	40.9
TOT N	9	13	9	18.6	4.7	6	6	2.8	0	0	0	42.7
PCP	1	1	1	1	1	1	1	1	1	1	1	1.4
NO PCP	6	6	8	18.3	5.4	6	9	2.2	0	0	0	49.3
TOT N	7	7	9	19.4	6.5	7	12	2.2	0	0	0	49.6
TOT OBS	2.3	13.0	17.9	37.5	9.6	1.3	1.7	5.0	0	1.5	100.0	6971

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1904-1971

APRIL

AREA 0001 TONKIN GULF
18.3N 107.6E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISIB	SPD	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL
(MM)	ATS												OBS
1/2	0-3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.3	
	4-10	.1	.1	.2	.1	.1	.1	.1	.1	.0	.0	.7	
	11-21	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT M	.1	.3	.3	.1	.1	.1	.1	.1	.0	.1	1.2	
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	4-10	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.3	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT M	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.5	
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.3	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT M	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	1.1	
2/5	0-3	.1	.1	.1	.1	.1	.1	.1	.1	.0	.2	.6	
	4-10	.3	.4	.5	.5	.2	.1	.1	.3	.0	.0	2.3	
	11-21	.3	.4	.3	.6	.1	.0	.0	.1	.0	.0	1.8	
	22+	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.4	
	TOT M	.9	.9	.8	1.3	.3	.1	.2	.5	.0	.2	5.1	
5/10	0-3	.2	.2	.3	.2	.2	.1	.1	.2	.0	.5	1.9	
	4-10	1.6	2.2	3.7	4.6	1.5	.3	.4	.9	.0	.0	15.2	
	11-21	1.8	2.4	3.6	11.2	1.9	.1	.1	.9	.0	.0	22.0	
	22+	1.0	.6	.2	1.5	.1	.0	.0	.1	.0	.0	3.4	
	TOT M	4.5	5.3	7.6	17.6	3.7	.5	.5	2.1	.0	.5	42.5	
10+	0-3	.2	.3	.4	.4	.3	.1	.1	.1	.0	.6	2.5	
	4-10	2.9	3.0	4.5	6.1	2.1	.4	.6	1.3	.0	.0	21.0	
	11-21	3.0	2.8	3.7	11.3	2.7	.1	.2	.8	.0	.0	24.6	
	22+	.4	.2	.1	.5	.3	.0	.0	.0	.0	.0	1.5	
	TOT M	6.5	6.3	8.7	18.3	5.4	.6	.9	3.2	.0	.6	49.5	
TOT OBS		12.3	13.1	17.9	37.4	9.7	1.4	1.7	5.0	.0	1.5	100.0	
TOT PCT													7049

PERIOD: (PRIMARY) 1967-1971
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AREA 0001 TONKIN GULF
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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NM >4/8) AND
OCCURRENCE OF NM <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NM <5/8 ANY HGT	TOTAL OBS
00403	.9	.5	3.3	9.1	22.7	10.8	2.6	.9	1.2	2.8	54.7	45.3	1630
06409	.4	.4	4.1	7.8	17.4	9.0	1.8	.8	1.6	2.3	45.5	54.5	1637
12415	.5	.4	2.6	5.2	15.1	9.0	1.6	1.4	1.3	2.6	39.7	60.3	1685
18421	.7	.2	2.2	7.2	17.9	9.9	1.5	.6	1.2	1.5	43.0	57.0	1841
TOT	41	25	201	482	1202	638	123	62	88	150	3012	3581	6593
PCT	.6	.4	3.0	7.3	18.2	9.7	1.9	.9	1.3	2.3	45.7	54.3	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL OBS
00403	1.3	.8	1.6	6.7	42.6	46.9	1652
06409	.8	.5	.4	4.9	42.0	51.4	1651
12415	1.1	.2	.5	3.4	43.3	51.6	1697
18421	1.0	.4	.6	4.2	44.5	49.4	1653
TOT	69	32	53	318	2867	3314	6553
PCT	1.0	.5	.8	4.8	43.1	49.8	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NM >4/8) BY HOUR

HOUR (GMT)	<150 CEILING	<600 CEILING	<1000 AND 5+	<1000 AND 5+	NM <5/8 AND 5+	TOTAL OBS
00403	2.3	6.6	19.9	36.9	43.3	1652
06409	1.5	6.1	16.4	31.0	52.6	1651
12415	1.3	4.7	11.7	29.5	58.8	1697
18421	1.7	4.3	14.0	30.4	55.6	1653
TOT	112	360	1029	2124	3500	6553
PCT	1.7	5.4	15.5	31.9	52.6	100.0

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AREA 0001 TONKIN GULF
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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
9C/94	.0	.0	.0	.0	.0	.0	.0	.0	4	.1
85/89	.0	.0	.0	.0	.0	.0	.0	.0	1	.1
80/84	.0	.0	.0	.0	.0	.0	.0	.0	1	.1
75/79	.0	.0	.0	.0	.0	.0	.0	.0	1	.1
70/74	.0	.0	.0	.0	.0	.0	.0	.0	1	.1
65/69	.0	.0	.0	.0	.0	.0	.0	.0	1	.1
60/64	.0	.0	.0	.0	.0	.0	.0	.0	1	.1
55/59	.0	.0	.0	.0	.0	.0	.0	.0	1	.1
TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	4	.1
PCT	.0	.0	.0	.0	.0	.0	.0	.0	4	.1

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
12.6	12.6	12.6	17.7	37.9	9.3	1.3	1.7	5.2	.0	1.6

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00403	90	84	82	76	68	64	59	75.9	1735
06409	90	87	84	78	69	64	60	77.4	1752
12415	88	84	82	76	68	65	60	76.1	1796
18421	89	83	81	76	68	64	57	75.5	1781
TOT	90	85	82	77	69	64	57	76.2	7064

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00403	.0	.4	.4	1.7	8.6	40.2	49.0	.0	.0	1621
06409	.0	.0	.0	2.5	17.7	52.0	27.1	.0	.0	1626
12415	.0	.0	.0	.3	8.6	38.9	51.3	.0	.0	1677
18421	.0	.4	.4	.5	6.8	31.1	61.1	.0	.0	1641
TOT	0	31	31	90	684	2662	3098	.0	.0	6565

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TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TEMP DIF	57	61	65	69	73	77	81	85	89	TOT F00	W F00	M0 F00
14-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	.0	.1
11-13	.0	.0	.0	.0	.0	.2	.1	.1	.0	32	.0	.4
9-10	.0	.0	.0	.0	.2	.2	.3	.2	.0	63	.1	.8
7-8	.0	.0	.0	.1	.3	.7	.8	.2	.0	152	.2	2.0
5	.0	.0	.0	.2	.4	1.0	.6	.1	.0	156	.2	2.1
4	.0	.0	.0	.4	.8	2.5	1.0	.1	.0	330	.3	4.5
3	.0	.0	.1	.4	1.4	3.3	1.0	.1	.0	445	.5	5.9
2	.0	.0	.2	.4	2.6	4.3	1.5	.1	.0	632	.6	8.5
1	.0	.0	.5	.9	3.5	5.1	1.5	.1	.0	804	.7	10.9
0	.0	.1	.4	.7	5.0	6.2	1.8	.1	.0	972	.8	13.2
-1	.0	.1	.3	1.1	5.3	5.9	1.1	.0	.0	751	.4	10.4
-2	.0	.1	.2	1.6	3.0	2.2	.3	.0	.0	520	.4	7.1
-3	.0	.0	.2	1.3	1.9	1.8	.1	.0	.0	374	.3	5.1
-4	.0	.0	.3	1.2	1.3	.4	.1	.0	.0	241	.1	3.3
-5	.0	.1	.3	1.1	1.0	.1	.1	.0	.0	186	.1	2.6
-6	.0	.1	.3	.5	.5	.1	.0	.0	.0	100	.0	1.4
-7-8	.0	.1	.5	.6	.3	.2	.0	.0	.0	118	.0	1.7
-9-10	.0	.0	.3	.2	.0	.0	.0	.0	.0	38	.0	.5
-11-13	.0	.1	.1	.0	.0	.0	.0	.0	.0	19	.0	.3
-14-16	.0	.1	.0	.0	.0	.0	.0	.0	.0	13	.0	.2
TOTAL	.1	.8	4.3	11.8	31.9	38.6	11.1	1.3	.1	6340	5.6	94.4
PCT	.1	.8	4.3	11.8	31.9	38.6	11.1	1.3	.1	100.0	5.6	94.4

PERIOD: (OVER-ALL) 1963-1971

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TABLE 10

AREA 0001 TOMKIN GULF
10.3N 107.6E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

WGT (1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-43 49-60 61-70 71-86 87+	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.2	1.1	2.2	.6	.0	.0	1.4	.2	1.3	.1	.0	.0	.0	1.5
3-4	.3	3.3	2.4	.0	.0	.0	5.7	.3	4.0	2.6	.0	.0	.0	6.9
5-6	.0	.0	2.7	.5	.0	.0	3.6	.0	.6	2.5	.3	.0	.0	3.4
7	.0	.1	.3	.3	.0	.0	.8	.0	.7	.7	.1	.0	.0	.8
8-9	.0	.0	.5	.3	.0	.0	.9	.0	.0	.4	.2	.0	.0	.6
10-11	.0	.0	.7	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1
12	.0	.0	.0	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1
13-16	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.5	5.2	5.6	1.6	.1	.0	13.0	.5	5.9	6.3	.7	.1	.0	13.5

WGT (1-2 3-4 5-6 7 8-9 10-11 12 13-15 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.2	1.9	4.8	.0	.0	.0	2.2	.3	2.0	.1	.0	.0	.0	2.4
3-4	.4	5.3	2.7	.0	.0	.0	10.5	.4	7.1	11.1	.0	.0	.0	18.6
5-6	.0	1.4	.0	.2	.0	.0	4.4	.1	1.9	11.6	1.3	.0	.0	14.9
7	.0	.0	.1	.0	.0	.0	.2	.0	.1	.9	.2	.0	.0	1.4
8-9	.0	.0	.0	.0	.0	.0	.1	.0	.0	.5	.1	.0	.0	.7
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.6	8.6	7.7	2	.0	.0	17.3	.7	11.1	24.2	1.9	.0	.0	36.0

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TABLE 10

PERIOD: (OVER-ALL) 1963-1971

AREA 0001 TONKIN GULF
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PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
(1	.2	1.0	.2	.0	.0	.0	1.2	.1	.3	.0	.0	.0	.0	.4
1-2	.2	2.7	2.2	.0	.0	.0	4.7	.5	.5	.1	.0	.0	.0	.6
3-4	.2	.6	2.5	.2	.0	.0	3.3	.1	.1	.1	.0	.0	.0	.2
5-6	.0	.1	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
7	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.4	3.9	5.0	.2	.0	.0	9.5	.1	.9	.2	.0	.0	.0	1.2

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
(1	.0	.4	.0	.0	.0	.0	.4	.1	.6	.0	.0	.0	.0	.6
1-2	.1	.7	.1	.0	.0	.0	1.0	.2	1.6	1.1	.0	.0	.0	2.9
3-4	.0	.1	.1	.0	.0	.0	.2	.4	.4	.0	.0	.0	.0	1.3
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1	1.2	2	.0	.0	.0	1.6	.3	2.6	2.7	.1	.0	.0	5.2

PERIOD: (OVER-ALL) 1963-1971

APRIL

AREA 0001 TOMKIN GULF
10.3N 107.6E

TABLE 10 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+						
<1	2.2	8.6	.2	.0	.0	.0	.0	.0	.0	.0	11.0	
1-2	1.9	24.7	24.2	.0	.0	.0	.0	.0	.0	.0	50.8	
3-4	.2	5.8	22.7	2.6	.0	.0	.0	.0	.0	.0	31.3	
5-6	.0	.3	2.4	.8	.0	.0	.0	.0	.0	.0	3.5	
7	.0	.1	1.6	.7	.0	.0	.0	.0	.0	.0	2.4	
8-9	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.4	
10-11	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.3	
12	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	
13-16	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	4.2	39.5	51.3	4.8	.2	.0	100.0					4764

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																			TOTAL	MEAN HGT
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+		
<6	3.1	35.3	31.0	3.7	1.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4051	3
6-7	.0	1.1	4.0	1.2	1.3	.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	484	4
8-9	.0	.1	.7	.2	.6	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	101	5
10-11	.0	.0	1.1	.1	.1	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	38	6
12-13	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9	5
14-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	20
TOTAL	3.2	5.5	2.8	.2	1.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	667	2
PCT	6.8	42.1	40.3	5.3	3.7	1.0	.5	1	.1	.1	.2	0	0	0	0	0	0	0	0	5352	3
																				100.0	

MAY

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1870-1971AREA 0001 TORRIN GULF
18.2N 107.6E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL 00S
				FRZG PCPN	FRZG PCPN	SNOW PCPN					FOG W8 PCPN	SMOKE HAZE	DUST BLWG PCPN	DUST BLWG PCPN	SEA	
M	.3	.2	.1	.0	.0	.0	.0	.6		.1		.3				
NE	.2	.1	.1	.0	.0	.0	.0	.4		.2		.2				
E	.3	.2	.0	.0	.0	.0	.0	.4		.3		.2				
SE	.3	.3	.1	.0	.0	.0	.0	.6		1.9	.1	.0				
S	.1	.1	.0	.0	.0	.0	.0	.3		1.3	.0	.3				
SW	.1	.1	.0	.0	.0	.0	.0	.1		.3		.1				
W	.1	.0	.0	.0	.0	.0	.0	.1		.1	.0	.1				
NW	.3	.2	.1	.0	.0	.0	.0	.5		.1		.2				
VAR	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0				
CALM	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0				
TOT 00S	110	87	33	0	0	0	0		229	315	14	161				7195
TOT PCT	1.5	1.2	.5	.0	.0	.0	.0	3.2		4.4	.2	2.2			.1	90.0

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL 00S
				FRZG PCPN	FRZG PCPN	SNOW PCPN					FOG W8 PCPN	SMOKE HAZE	DUST BLWG PCPN	DUST BLWG PCPN	SEA	
00403	1.9	.9	.5	.0	.0	.0	.0	3.3		.1	.4	2.9				93.3
06409	1.1	.7	.4	.0	.0	.0	.0	2.2		.0	.1	3.0				94.5
12415	.8	.0	.2	.0	.0	.0	.0	1.9		8.4	.3	2.0				87.6
18421	2.2	2.4	.7	.0	.0	.0	.0	5.3	229	9.0	.0	1.1				84.9
TOT	110	87	33	0	0	0	0		229	315	14	161				7200
PCT	1.5	1.2	.5	.0	.0	.0	.0	3.2		4.4	.2	2.2			.1	90.1

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1970-1971

MAY

AREA 0001 TONKIN GULF
18.2N 107.8E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)						TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)																				
	0-3	4-10	11-21	22-33	34-47	48+				00	03	06	09	12	15	18	21													
N	.4	1.8	1.6	.5	.1	.0	4.4	11.9	5.7	5.8	4.4	6.3	6.2	4.7	3.9	4.4	5.7	8.1	4.1	4.1	2.4	3.4	3.9	4.4	5.7	8.1	4.1	4.1	2.4	3.4
NE	.3	2.9	2.2	.3	.0	.0	5.7	10.7	5.7	10.4	11.4	13.2	12.6	6.4	9.6	10.4	11.4	13.2	12.6	6.4	4.1	4.8	4.8	5.7	10.4	11.4	13.2	12.6	6.4	4.1
E	.5	4.6	4.7	.2	.0	.0	10.0	10.8	10.0	10.4	13.2	12.6	12.6	6.4	34.5	33.4	34.4	43.2	50.6	42.3	37.0	35.6	35.6	34.5	33.4	34.4	43.2	50.6	42.3	37.0
SE	.7	10.0	27.0	1.3	.0	.0	38.9	12.2	25.1	12.6	12.6	12.6	12.6	6.4	26.3	23.1	23.7	18.0	17.6	28.2	34.2	29.6	29.6	26.3	23.1	23.7	18.0	17.6	28.2	34.2
S	.4	7.4	16.4	.9	.0	.0	8.3	12.6	3.1	9.1	10.9	10.9	10.9	6.4	11.6	13.2	9.8	4.9	3.8	6.2	8.0	8.0	8.0	11.6	13.2	9.8	4.9	3.8	6.2	8.0
SW	.2	2.8	4.9	.5	.0	.0	3.5	10.9	3.5	10.9	10.9	10.9	10.9	6.4	4.1	5.3	3.9	2.1	1.6	2.1	2.3	3.9	3.9	4.1	5.3	3.9	2.1	1.6	2.1	2.3
W	.2	1.9	1.0	.0	.0	.0	3.5	10.9	3.5	10.9	10.9	10.9	10.9	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.2	1.8	1.4	.2	.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	1.0	2409	4297	277	6	0	7264	12.3	1171	635	1165	642	1158	640	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOT OBS	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275	275
TOT PCT	3.8	33.2	59.2	3.8	.1	.0	100.0	12.3	1171	635	1165	642	1158	640	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)											
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18	21				
N	1.2	2.1	.9	.2	.0	4.4	11.9	5.7	5.7	6.3	4.5	2.8	2.8							
NE	1.5	3.2	1.9	.0	.0	5.7	10.7	5.7	12.5	16.1	6.1	4.4	4.4							
E	2.1	6.0	1.4	.0	.0	10.0	10.8	9.9	10.5	10.5	7.6	7.6	7.6							
SE	3.1	26.4	9.4	.0	.0	38.9	12.3	34.5	27.5	47.7	21.7	26.5	26.5							
S	2.1	17.2	5.2	.0	.0	25.1	12.8	24.8	21.0	21.7	32.5	32.5	32.5							
SW	1.0	5.3	1.9	.0	.0	8.3	12.6	18.2	8.1	4.6	8.3	8.3	8.3							
W	1.0	2.0	.1	.0	.0	3.1	9.1	3.8	3.3	1.8	2.9	2.9	2.9							
NW	.8	2.1	.6	.0	.0	3.5	10.9	3.8	4.2	2.5	3.7	3.7	3.7							
VAR	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0							
CALM	1.0	4747	1485	25	.0	7264	12.3	1806	1807	1798	1853	1853	1853							
TOT OBS	1007	4747	1485	25	.0	7264	12.3	1806	1807	1798	1853	1853	1853							
TOT PCT	13.9	65.3	20.4	.2	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0							

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1870-1971

MAY

AREA 0001 TONKIN GULF
18.2N 107.6E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN FREQ	TOTAL OBS
0000Z	.9	3.7	34.9	57.7	2.8	.1	.0	11.9 100.0	1806
0600Z	1.0	3.2	39.1	53.7	2.9	.2	.0	11.5 100.0	1807
1200Z	1.7	2.2	28.8	63.0	5.3	.1	.0	13.1 100.0	1798
1800Z	1.3	2.3	30.0	62.2	4.3	.0	.0	12.8 100.0	1853
TOT	70	205	2409	4297	277	6	.0	12.3	7264
PCT	1.0	2.8	33.2	59.2	3.8	.1	.0	100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION						
WIND DIR	0-2	3-4	5-7	8 & -085CD	TOTAL OBS	MEAN CLOUD COVER
N	.3	.5	1.7	1.9		6.4
NE	.6	1.6	2.2	1.9		5.9
E	2.0	1.8	4.0	1.9		5.1
SE	14.6	7.7	13.5	3.8		4.0
S	9.7	4.7	8.4	2.5		3.9
SW	3.3	1.5	2.5	1.0		3.9
W	.8	.4	1.1	1.7		5.0
WV	.3	.3	1.1	1.9		6.4
VAR	.0	.0	.0	.0		.0
CALM	.2	.1	.4	.1		5.1
TOT OBS	2197	1217	2423	1094	6931	4.4
TOT PCT	31.7	17.6	35.0	15.8	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH) >400 AND OCCURRENCE OF MH <500 BY WIND DIRECTION												
	000	150	300	600	1000	2000	3500	5000	6500	8000+	MH <500	TOTAL
	149	299	599	999	1999	3499	4999	6499	7999			OBS
M	.0	.0	.1	.3	1.2	.4	.1	.1	.1	.2	1.9	
MC	.0	.0	.1	.3	1.1	.7	.1	.1	.1	.2	2.6	
E	.0	.0	.1	.2	1.2	.9	.3	.2	.1	.4	6.3	
SE	.0	.0	.1	.5	2.2	1.6	.4	.3	.5	1.2	32.8	
S	.0	.0	.1	.1	1.1	1.9	.2	.3	.4	.7	21.5	
SW	.0	.0	.0	.0	.3	.4	.1	.1	.1	.3	7.2	
W	.0	.0	.0	.0	.2	.4	.1	.1	.1	.1	2.1	
WV	.0	.0	.0	.0	.4	1.0	.3	.1	.1	.1	1.5	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT OBS	.0	.4	34	153	605	383	77	62	87	218	5308	6931
TOT PCT	.0	.1	.5	2.2	8.7	5.5	1.1	.9	1.3	3.1	76.6	100.0

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1870-1971

MAY

AREA 0001 TUNKIN GULF
10.2M 107.0E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NM >4/8) AND VSOY (NM)									
CEILING (FEET)	= OR >10	= OR >5	= OR >2	= OR >1	VSOY (NM) = OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	3.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
= OR >5000	4.0	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
= OR >3500	4.6	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
= OR >2000	8.6	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9
= OR >1000	14.3	20.2	20.6	20.6	20.6	20.6	20.6	20.6	20.6
= OR >600	15.5	22.2	22.8	22.8	22.8	22.8	22.8	22.8	22.8
= OR >300	15.6	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2
= OR >150	15.7	22.6	23.3	23.3	23.3	23.3	23.3	23.3	23.3
= OR >0	15.7	22.6	23.3	23.3	23.3	23.3	23.3	23.3	23.3
TOTAL	1086	1568	1613	1616	1616	1621	1621	1623	1623

TOTAL NUMBER OF OBS: 6930

PCT FREQ NM <5/8: 76.6

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)									
0	1	2	3	4	5	6	7	8	TOTAL
24.8	17.1	22.5	7.6	4.5	5.9	7.4	3.0	7.2	885
									6950

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1870-1971

MAY

AREA 0001 TONKIN GULF
10.2M 107.6E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP												
<1/2												
NO PCP												
TOT %												
1/2<1												
NO PCP												
TOT %												
1<2												
NO PCP												
TOT %												
2<5												
NO PCP												
TOT %												
5<10												
NO PCP												
TOT %												
10+												
NO PCP												
TOT %												
TOT OBS												
TOT PCT												

PERIOD: (PRIMARY) 1967-1971
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MAY

AREA 0001 TONKIN GULF
18.2N 107.6E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSAY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT N	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT N	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT N	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1
	11-21	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.4
	22+	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
	TOT N	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.1
5<10	0-3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0
	4-10	.5	.8	1.0	2.2	1.4	.5	.3	.5	.0	.0	.8
	11-21	.6	.5	.9	3.6	1.7	.3	.2	.5	.0	.0	7.1
	22+	.1	.1	.0	.2	.2	.0	.0	.1	.0	.0	.8
	TOT N	1.3	1.5	2.1	6.1	3.2	.8	.5	1.1	.0	.3	16.9
10+	0-3	.3	.2	.3	.5	.4	.2	.2	.2	.0	.7	2.9
	4-10	1.3	2.1	3.5	7.6	6.0	2.3	1.4	1.2	.0	.0	25.5
	11-21	.9	1.6	3.7	23.4	14.7	4.5	.8	.9	.0	.0	50.4
	22+	.2	.1	.2	1.1	.7	.5	.0	.1	.0	.0	2.9
	TOT N	2.7	4.0	7.7	32.6	21.0	7.4	2.5	2.4	.0	.7	81.7
TOT OBS												7229
TOT PCT		4.4	5.7	10.0	39.0	25.1	8.3	3.0	3.6	.0	1.0	100.0

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1970-1971

MAY

AREA 0001 TONKIN GULF
18.2N 107.8E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NM >4/8) AND
OCCURRENCE OF NM <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL ANY HGT	NM <5/8 TOTAL 80S
00403	.0	.1	.6	2.5	9.4	6.3	1.3	1.2	1.6	3.4	26.4	73.6
06409	.0	.1	.5	2.5	7.3	4.8	.9	.9	1.4	2.5	20.8	79.2
12415	.0	.0	.3	1.7	7.7	4.8	1.1	.8	.9	3.3	20.7	79.3
18421	.0	.1	.5	2.1	10.4	6.2	1.2	.7	1.1	3.3	25.7	74.3
TOT	0	4	34	153	605	384	78	62	87	218	1625	5313
PCT	.0	.1	.5	2.2	8.7	5.5	1.1	.9	1.3	3.1	23.4	76.6

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL 80S
00403	.1	.1	.1	.8	17.0	82.0	1736
06409	.0	.2	.2	.8	14.9	84.0	1732
12415	.1	.1	.0	.4	16.2	83.3	1717
18421	.0	.3	.0	1.4	18.7	79.8	1747
TOT	2	7	4	59	1157	5703	6932
PCT	.1	.1	.1	.9	16.7	82.3	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NM >4/8) BY HOUR

HOUR (GMT)	<150 <5000	1500 <10000	10000+ <5 AND 5+	NM <5/8 AND 5+	TOTAL 80S
00403	.1	.8	4.0	22.8	73.3
06409	.0	.6	3.7	17.6	70.8
12415	.0	.5	2.4	18.4	79.2
18421	.1	.7	3.8	22.0	74.2
TOT	2	45	240	1400	5292
PCT	.1	.6	3.5	20.2	76.3

MAY

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1870-1971

AREA 0001 TONKIN GULF
10-2N 107.6E

TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP		TOTAL									
TEMP F		Q-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	885	PCT FREQ
95/99	0	0	0	0	0	0	0	0	0	7	1
90/94	0	0	0	0	0	0	0	0	0	115	1.7
85/89	0	0	0	0	0	0	0	0	0	1322	19.4
80/84	0	0	0	0	0	0	0	0	0	4326	63.3
75/79	0	0	0	0	0	0	0	0	0	1014	14.8
70/74	0	0	0	0	0	0	0	0	0	45	0.7
TOTAL	0	0	0	0	0	0	0	0	0	6029	100.0
PCT	0	0	0	0	0	0	0	0	0	28.3	

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											
	N	NE	E	SE	S	SW	W	NW	VAR	CALM	
95/99	0	0	0	0	0	0	0	0	0	0	0
90/94	0	0	0	0	0	0	0	0	0	0	0
85/89	0	0	0	0	0	0	0	0	0	0	0
80/84	0	0	0	0	0	0	0	0	0	0	0
75/79	0	0	0	0	0	0	0	0	0	0	0
70/74	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0
PCT	0	0	0	0	0	0	0	0	0	0	0

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL	885	
00403	94	89	87	82	77	74	70	82.1	1804	885	
05409	95	93	90	83	78	75	70	83.6	1803	885	
10415	94	88	87	82	77	75	71	82.0	1800	885	
15421	89	87	85	81	77	75	71	81.1	1652	885	
TOT	95	91	87	82	77	75	70	82.2	7259	885	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL	
00403	0	0	0	0	0	0	0	0	0	885	
05409	0	0	0	0	0	0	0	0	0	1702	
10415	0	0	0	0	0	0	0	0	0	1692	
15421	0	0	0	0	0	0	0	0	0	1698	
TOT	0	0	0	0	0	0	0	0	0	6831	

PERIOD: (PRIMARY) 1967-1971
(OVER-ALL) 1970-1971

MAY

AREA 0001 TONKIN GULF
16.2N 107.6E

TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	72	75	77	80	84	85	88	89	92	93	TOT	W	W8
14/16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	.0	.0
11/15	.0	.0	.0	.1	.1	.1	.2	.1	.1	.2	.0	32	.0	.4
9/10	.0	.0	.0	.0	.0	.1	.3	.5	.1	.1	.1	73	.0	1.0
7/8	.0	.0	.0	.1	.1	.5	.6	.8	.0	.1	.1	144	.0	2.0
6	.0	.0	.0	.1	.4	1.0	1.0	.4	.0	.0	.0	137	.0	1.9
5	.0	.0	.0	.2	1.1	2.0	2.1	.4	.0	.0	.0	262	.0	3.7
4	.0	.1	.2	1.7	2.5	2.1	2.1	.1	.0	.0	.0	389	.0	5.4
3	.0	.2	1.0	4.0	6.6	2.9	2.9	.0	.0	.0	.0	584	.0	8.1
2	.0	.3	2.3	6.6	2.9	2.9	2.9	.0	.0	.0	.0	869	.0	12.1
1	.0	.1	3.0	8.9	3.2	3.2	3.2	.0	.0	.0	.0	1097	.0	15.3
0	.0	.3	4.3	8.9	1.2	1.2	1.2	.0	.0	.0	.0	1062	.0	14.8
-1	.0	.2	3.1	7.5	1.2	1.2	1.2	.0	.0	.0	.0	859	.0	12.0
-2	.0	.2	2.6	4.4	.2	.2	.2	.0	.0	.0	.0	607	.0	8.9
-3	.0	.2	2.5	2.8	.1	.1	.1	.0	.0	.0	.0	403	.0	5.6
-4	.0	.2	1.8	1.5	.7	.1	.1	.0	.0	.0	.0	257	.0	3.4
-5	.0	.2	1.5	.7	.1	.1	.1	.0	.0	.0	.0	170	.0	2.4
-6	.0	.3	.8	.3	.2	.0	.0	.0	.0	.0	.0	106	.0	1.5
-7/-8	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	80	.0	1.1
-9/-10	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	18	.0	.3
-11/-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	.0	.0
TOTAL	.3	2.8	25.8	50.4	18.1	2.3	2.3	.3	.3	.3	.3	7155	.2	99.8
PCT	.3	2.8	25.8	50.4	18.1	2.3	2.3	.3	.3	.3	.3	100.0	.2	99.8

PERIOD: (OVER-ALL) 1963-1971

MAY

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

AREA 0001, TANK IN GULF
10.2M 107.6E

HGT (1)	M										NC										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.2	.2	.0	.0	.0	.0	.4	.1	.5	.0	.0	.0	.0	.6	.1	.5	.0	.0	.0	.0	.6
3-4	.1	1.0	.4	.0	.0	.0	1.6	.1	1.5	1.0	.0	.0	.0	1.3	.0	.4	.0	.0	.0	.0	1.3
5-6	.0	.4	.9	.3	.0	.0	1.5	.0	.4	.0	.0	.0	.0	.3	.0	.1	.2	.0	.0	.0	.1
7	.0	.0	.2	.1	.0	.0	.3	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
8-9	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	1.7	1.7	.5	.0	.0	4.2	.2	2.4	2.0	.3	.0	.0	4.9	.0	.0	.0	.0	.0	.0	.0

HGT (1)	E										SC										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.2	.9	.1	.0	.0	.0	1.2	.1	1.3	.0	.0	.0	.0	1.5	.0	.3	.0	.0	.0	.0	1.5
3-4	.1	2.9	2.9	.0	.0	.0	5.9	.3	6.3	13.2	.0	.0	.0	19.8	.0	6.3	13.2	.0	.0	.0	19.8
5-6	.0	.5	1.7	.1	.0	.0	2.3	.0	1.9	13.9	1.1	.0	.0	16.6	.0	1.9	13.9	1.1	.0	.0	16.6
7	.0	.0	.3	.0	.0	.0	.3	.0	.2	1.2	.0	.0	.0	1.4	.0	.2	1.2	.0	.0	.0	1.4
8-9	.0	.0	.1	.0	.0	.0	.1	.0	.0	.6	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	4.3	5.0	.1	.0	.0	9.6	.5	9.6	29.0	1.4	.0	.0	40.5	.0	.0	.0	.0	.0	.0	.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
(1)	.1	1.1	.1	.0	.0	.0	1.3	.1	1.6	.0	.0	.0	.0	.7
1-2	.1	5.0	9.3	.0	.0	.0	14.5	.1	1.9	3.3	.0	.0	.0	5.3
3-4	.1	1.2	7.1	.5	.0	.0	8.9	.0	2.2	2.0	.3	.0	.0	2.5
5-6	.0	.0	.4	.1	.0	.0	.5	.0	.0	.1	.1	.0	.0	.2
7	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.0	.1
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	3	7.4	17.0	7	.0	.0	25.4	2	2.7	5.5	.4	.0	.0	8.6

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
(1)	.1	1.3	.6	.0	.0	.0	1.3	.1	1.4	.4	.0	.0	.0	.5
1-2	.1	1.3	.2	.0	.0	.0	1.9	.1	1.4	.7	.1	.0	.0	1.3
3-4	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	1.2
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1	1.7	6	0	0	0	2.6	2	1.7	1.2	.2	.0	.0	3.3

PERIOD: (OVER-ALL) 1963-1971

MAY

AREA 0001, TONKIN GULF
10.2N 107.6E

TABLE 18 (CONT)

WIND SPEED (KTS) VS SEA HEIGHT (FT)										TOT SBS
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT			
1	1.5	5.3	.2	.0	.0	.0	7.1			
1-2	1.1	20.7	31.0	.0	.0	.0	52.8			
3-4	.1	5.1	27.3	2.5	.0	.0	34.9			
5-6	.0	.3	2.4	.5	.0	.0	3.2			
7	.0	.1	1.2	.4	.0	.0	1.7			
8-9	.0	.0	.1	.2	.0	.0	.2			
10-11	.0	.0	.1	.1	.0	.0	.1			
12	.0	.0	.0	.0	.0	.0	.0			
13-16	.0	.0	.0	.0	.0	.0	.0			
17-19	.0	.0	.0	.0	.0	.0	.0			
20-22	.0	.0	.0	.0	.0	.0	.0			
23-25	.0	.0	.0	.0	.0	.0	.0			
26-32	.0	.0	.0	.0	.0	.0	.0			
33-40	.0	.0	.0	.0	.0	.0	.0			
41-48	.0	.0	.0	.0	.0	.0	.0			
49-60	.0	.0	.0	.0	.0	.0	.0			
61-70	.0	.0	.0	.0	.0	.0	.0			
71-86	.0	.0	.0	.0	.0	.0	.0			
87+	.0	.0	.0	.0	.0	.0	.0			
TOT PCT	2.7	31.4	62.2	3.6	.0	100.0	5210			

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)														
	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41	
1-2	40.2	35.9	3.3	1.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	
46	1.2	4.2	1.7	.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	
6-7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16-17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOTAL	159	2390	308	165	34	11	1	1	1	.0	.0	.0	.0	.0	
PCT	2.8	42.6	5.5	2.9	6	.2	.0	.0	.0	.0	.0	.0	.0	.0	

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1891-1971

JUNE

AREA 0001 TONKIN GULF
18.3N 107.5E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	ORZL	PRECIPITATION TYPE				HAIL	PCPN AT 00 TIME	PCPN AT 00 TIME OBS	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	FRZG	SNOW	OTHER					FG	SMOKE	DUST	NO	SIG	
N	.2			.0	.0	.0	.0	.0	.4		.1	.0	.0	.0	.0	.0	3.7
NE	.2			.0	.0	.0	.0	.0	.1		.1	.0	.0	.0	.0	.0	2.0
E	.1			.0	.0	.0	.0	.0	.1		.4	.0	.0	.0	.0	.0	3.4
SE	.1			.0	.0	.0	.0	.0	.1		2.3	.0	.0	.1	.0	.0	21.7
S	.1			.0	.0	.0	.0	.0	.2		2.6	.0	.0	.1	.0	.0	31.0
SW	.2			.0	.0	.0	.0	.0	.3		.6	.0	.0	.0	.0	.0	17.1
W	.2			.0	.0	.0	.0	.0	.5		.2	.0	.0	.0	.0	.0	5.8
NW	.2			.0	.0	.0	.0	.0	.5		.2	.0	.0	.1	.0	.0	5.0
VAR	.0			.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.9
CALM	.0			.0	.0	.0	.0	.0	.0		.1	.0	.0	.0	.0	.0	.9
TOT OBS	63	67	18	0	0	0	0	0	0	147	459	0	50	0	0	6289	6940
TOT PCT	.9	1.0	.3	.0	.0	.0	.0	.0	2.1		6.6	.0	.7	.0	.0	90.6	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	ORZL	PRECIPITATION TYPE				HAIL	PCPN AT 00 TIME	PCPN AT 00 TIME OBS	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	FRZG	SNOW	OTHER					FG	SMOKE	DUST	NO	SIG	
0000Z	1.5	1.1	.4	.0	.0	.0	.0	.0	3.0		.3	.0	.0	.0	.0	.0	96.4
0600Z	1.0	.8	.3	.0	.0	.0	.0	.0	2.1		.1	.0	.0	.0	.0	.0	87.2
1200Z	5.0	1.0	1.0	.0	.0	.0	.0	.0	1.3		12.4	.0	.0	.0	.0	.0	85.4
1800Z	7.0	1.2	1.0	.0	.0	.0	.0	.0	2.2		13.7	.0	.0	.0	.0	.0	83.4
TOT	64	67	18	0	0	0	0	0	140		459	0	50	0	0	6291	6943
PCT	.9	1.0	.3	.0	.0	.0	.0	.0	2.1		6.6	.0	.7	.0	.0	90.6	

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PERIOD: (PRIMARY), 1966-1971 (OVER-ALL) 1991-1971									
JUNE									
AREA 0001 TONKIN GULF 18.3N 107.5E									
3									
RECTION BY SPEED AND BY HOUR									
PERCENTAGE FREQUENCY OF									
WIND SPEED (KNOTS)									
WIND DIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPO
N	.1	2.1	1.8	.2	.0	.0	4.2	10.9	2.9
NE	.2	1.3	.6	.2	.0	.0	2.2	9.0	1.5
E	.3	1.9	1.6	.2	.0	.0	3.9	9.8	1.4
SE	.6	7.0	15.2	1.3	.0	.0	24.2	13.3	14.6
S	.6	11.0	20.7	1.7	.0	.0	33.9	13.0	37.4
SW	.4	6.5	10.7	.6	.0	.0	18.3	12.3	25.4
W	.3	3.4	2.6	.1	.0	.0	6.5	10.3	8.4
NW	.3	2.9	2.3	.3	.0	.0	5.8	10.6	7.3
VAR	.0	.0	.0	.0	.0	.0	1.0	.0	.0
CALM	1.0	2524	3880	.06	1	0	6983	12.2	1169
TOT OBS	272	361	55.6				100.0	100.0	100.0
TOT PCT	3.9						100.0	100.0	100.0

TABLE 3A

WIND DIR									
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PERIOD: (PRIMARY) 1965-1971
(OVER-ALL) 1891-1971

JUNE

AREA 0001, TENKIN GULF
18.3M 107.5C

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	11-21	22-23	24-47	48+	MEAN	PCT	TOTAL
										005
00403	1.1	3.0	36.1	56.0	3.0	.0	.0	12.0	100.0	1750
06409	1.4	3.7	42.6	50.3	1.0	.1	.0	11.0	100.0	1747
12415	.8	2.6	33.9	57.7	5.0	.0	.0	12.6	100.0	1725
18421	.6	2.3	32.0	58.2	6.9	.0	.0	13.1	100.0	1761
TOT	68	204	2524	3880	306	1	.0	12.2		6983
PCT	1.0	2.9	36.1	55.6	4.4	.1	.0		100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-4	TOTAL	MEAN
					005	CLOUD COVER
N	.4	.3	2.3	1.3		6.2
NE	.3	.3	1.0	.5		5.6
E	.7	.7	1.7	.7		5.1
SE	5.7	4.9	11.1	2.8		4.7
S	7.5	6.4	14.5	5.5		4.9
SW	1.0	2.1	9.0	5.4		5.9
W	.4	.6	2.6	2.7		6.4
NW	.5	.5	2.3	2.6		6.4
VAR	.0	.0	.0	.0		5.1
CALM	.2	.1	.5	.1		5.3
TOT 005	1155	1061	2994	1443	6653	
TOT PCT	17.4	15.9	45.0	21.7	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT.MH) 4/8
AND OCCURRENCE OF MH 45/8 BY WIND DIRECTION

	000	150	300	600	1000	2000	3500	5000	6500	8000+	MH 45/8	TOTAL
	149	299	599	999	1999	3499	4999	6499	7999		ANY HGT	005
N	.0	.0	.0	.0	.1	.7	.6	.1	.1	.1	2.3	
NE	.0	.0	.0	.0	.0	.3	.2	.1	.1	.1	1.3	
E	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	3.2	
SE	.0	.0	.0	.0	.1	.6	1.0	.1	.2	.4	21.4	
S	.0	.0	.0	.0	.1	.9	1.6	.3	.6	.9	26.7	
SW	.0	.0	.0	.0	.1	.8	1.5	.3	.6	.7	12.3	
W	.0	.0	.0	.0	.1	.6	.8	.1	.3	.3	3.8	
NW	.0	.0	.0	.0	.3	1.0	.7	.1	.1	.1	3.4	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.2	.1	.1	.1	.5	.3	.5	.1	.1	.1	.7	
TOT 005	2	1	1	1	55	356	452	66	127	168	4999	6653
TOT PCT					1.0	5.4	6.8	1.0	1.9	2.5	6.4	75.1
												100.0

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1891-1971

JUNE

AREA 0001 TONKIN GULF
18.3M 107.5E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM >4/8) AND VSBY (MM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	VSBY (MM) = OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	8.3	8.9	8.9	8.9	8.9	8.9	8.9	8.9
= OR >5000	9.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
= OR >3500	10.4	11.8	11.8	11.8	11.8	11.8	11.8	11.8
= OR >2000	16.0	18.6	18.6	18.6	18.6	18.6	18.6	18.6
= OR >1000	20.2	23.8	24.0	24.0	24.0	24.0	24.0	24.0
= OR >600	20.7	24.6	24.8	24.8	24.8	24.8	24.8	24.8
= OR >300	20.7	24.6	24.8	24.8	24.8	24.8	24.8	24.8
= OR >150	20.7	24.6	24.8	24.8	24.8	24.8	24.8	24.8
= OR >0	20.7	24.7	24.8	24.8	24.9	24.9	24.9	24.9
TOTAL	1379	1640	1651	1652	1654	1654	1654	1654

TOTAL NUMBER OF OBS: 6653

PCT FREQ MM <5/8: 75.1

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	08SCD	TOTAL OBS
16.7	20.5	24.5	0.5	4.9	6.3	9.6	3.9	5.2	=	6669

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1891-1971

JUNE

AREA 0001 TONKIN GULF
18.3N 107.5E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSRY (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2 TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1 TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2 TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5 TOT M	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
5<10 NO PCP	.2	.1	.1	.1	.1	.1	.2	.3	.0	.0	.0	1.1
5<10 TOT M	.7	.5	.3	1.5	2.7	1.7	.7	.0	.0	.2	.2	9.2
10+ NO PCP	.9	.6	.4	1.6	2.0	1.0	.9	1.1	.0	.2	.2	10.2
10+ TOT M	.1	.5	3.5	22.6	31.0	16.3	.2	.2	.0	.0	.9	.9
TOT OBS	4.2	2.2	3.9	24.2	33.9	18.3	6.5	5.0	.0	1.0	100.0	6940

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1891-1971

JUNE

AREA 0001, TONKIN GULF
10.3N 107.5E

TABLE 9
PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSRY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL 805
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	0-3	.1	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0
	4-10	.4	.3	.2	.6	1.1	.8	.5	.5	.0	.2	.6	.6
	11-21	.4	.2	.2	.6	1.4	.9	.4	.4	.0	.0	4.3	4.3
	22+	.1	.0	.0	.1	.2	.0	.0	.0	.0	.0	4.7	4.7
	TOT X	.9	.6	.4	1.6	2.8	1.8	.9	1.1	.0	.2	10.2	10.2
10+	0-3	.1	.2	.3	.6	.4	.4	.3	.2	.0	.0	.3	.3
	4-10	1.7	1.0	1.7	6.3	9.8	5.7	2.9	2.5	.0	.0	31.6	31.6
	11-21	1.4	.4	1.5	14.5	19.3	9.8	2.2	1.8	.0	.0	50.8	50.8
	22+	.1	.0	.0	1.3	1.5	.6	.1	.2	.0	.0	3.7	3.7
	TOT X	3.2	1.6	3.6	22.6	31.0	16.5	5.5	4.7	.0	.0	89.4	89.4
TOT 805													6956
TOT PCT		4.2	2.2	3.9	24.2	33.9	18.3	6.5	5.8	.0	1.0	100.0	

JUNE

PERIOD: (PRIMARY) 1966-1971
(SEVER-ALL) 1891-1971

AREA 0001 TONKIN GULF
18.3N 107.5E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, MH, 4/8) AND
OCCURRENCE OF MH 4/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MH 4/8 ANY HGT	TOTAL
00403	.0	.0	.1	1.2	5.5	7.2	1.0	2.2	3.3	7.3	27.8	72.2	1689
06409	.0	.1	.0	.7	6.5	6.4	1.3	1.2	2.2	4.6	22.8	77.2	1668
12415	.1	.0	.0	.5	4.3	6.6	.8	2.3	2.7	7.5	24.3	75.1	1641
18421	.1	.0	.0	.9	5.0	7.0	.9	1.9	1.9	6.1	23.8	76.2	1667
TOT	2	1	1	55	356	452	66	127	168	426	1654	50.1	6665
PCT	#	#	#	.8	5.3	6.8	1.0	1.9	2.5	6.4	24.8	75.2	100.0

TABLE 11

PERCENT FREQUENCY VSBY (MH) BY HOUR

HOUR (GMT)	1/2	1/2	1/2	2/5	5/10	10+	TOTAL VSBY
00403	0	.1	.1	.2	9.5	90.2	100.4
06409	0	.0	.0	.2	9.6	90.2	100.4
12415	0	1	.0	.2	9.4	90.4	100.4
18421	0	.0	.1	.2	11.3	88.4	100.4
TOT	0	2	2	12	663	5975	6654
PCT	0	#	#	2	10.0	89.8	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (MH) AND/OR
CEILING HGT (FEET, MH, 4/8) BY HOUR

HOUR (GMT)	VSBY <150	VSBY <1000	VSBY <1000 AND 5+	VSBY <1000 AND 5+	TOTAL VSBY
00403	.0	.1	1.4	26.5	72.1
06409	.0	.1	.9	22.0	77.1
12415	.1	.1	.8	24.1	75.1
18421	.1	.1	1.1	22.7	76.2
TOT	2	6	71	1585	4998
PCT	#	.1	1.1	23.8	75.1

JUNE

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1891-1971

AREA 0001 TONKIN GULF
18.3N 107.5E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100			
95/99	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	14
90/94	.0	.0	.0	.1	1.4	1.6	.6	.1	.1	.1	248
85/89	.0	.0	.0	.2	2.4	23.2	21.6	2.6	.6	.1	3283
80/84	.0	.0	.0	.4	1.4	9.4	27.2	5.5	.9	.1	2886
75/79	.0	.0	.0	.0	.1	.3	.7	.9	.1	.1	131
TOTAL	.0	.0	.0	.7	5.4	34.5	32.6	6.0	.2	.2	6584
PCT	.0	.0	.0	.7	5.4	34.5	50.2	9.2			

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
N	NE	E	SE	S	SW	W	NW	VAR	CALM
.0	.0	.0	.0	.1	.1	.1	.0	.0	.0
.1	.1	.2	.7	1.3	1.0	.3	.1	.0	.0
.8	.7	1.9	13.5	19.2	10.0	2.3	1.4	.0	.4
2.9	1.3	1.9	10.2	13.0	7.0	3.4	3.7	.0	.5
.5	.1	.0	.1	.1	.2	.3	.7	.0	.0
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4.3	2.1	3.9	24.5	33.7	16.2	6.3	5.9	.0	.9

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR									
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
0000	95	90	88	85	80	77	74	84.4	1750
0600	96	94	91	86	81	79	73	86.0	1744
1200	95	90	88	85	81	79	70	84.5	1723
1800	92	88	86	84	80	77	72	83.6	1762
TOT	96	92	89	85	81	78	70	84.6	6979

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR								
HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
0000	.0	.3	4.3	36.6	49.8	9.0	81	1858
0600	.0	1.5	13.3	53.3	28.5	3.4	76	1629
1200	.0	.7	2.8	30.2	57.6	8.7	81	1825
1800	.0	.5	1.2	18.1	64.7	15.5	84	1852
TOT	0	50	353	2264	3296	601	61	6564

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1891-1971

JUNE

AREA 0001 TOMKIN GULF
18.3N 107.5E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	73	77	81	85	89	93	TOT	W	W8
	72	76	80	84	88	92	96	FOG	FOG	FOG
11/13	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1
9/10	.0	.0	.0	.0	.1	.3	.3	.46	.0	.7
7/8	.0	.0	.0	.0	.3	1.1	.1	1.07	.0	1.5
6	.0	.0	.0	.1	.5	.8	*	.98	.0	1.4
5	.0	.0	.0	.1	1.4	.9	.1	1.85	.0	2.4
4	.0	.0	.0	.5	2.5	.8	*	2.85	.0	3.8
3	.0	.0	.0	1.0	4.5	.7	.0	4.31	.0	6.2
2	.0	.0	*	2.6	6.4	.3	.0	6.48	.0	9.3
1	.0	.0	*	3.8	8.6	.1	.0	8.74	.0	12.6
0	.0	.0	.2	6.3	8.5	.1	.0	10.71	.0	15.5
-1	.0	.0	.7	7.5	3.0	*	.0	10.47	.0	15.1
-2	.0	.0	.6	5.8	2.5	.0	.0	9.75	.0	11.2
-3	.0	.0	.6	3.4	.4	.0	.0	6.15	.0	8.9
-4	.0	.0	.6	2.2	.4	.0	.0	3.19	.0	4.6
-5	.0	.1	.5	1.0	.1	.0	.0	2.26	.0	3.3
-6	.0	.1	.4	.5	*	.0	.0	1.17	.0	1.7
-7/-8	.0	.1	.2	.1	.0	.0	.0	.76	.0	1.1
-9/-10	.0	.0	.1	.0	.0	.0	.0	.27	.0	.4
-11/-13	.0	.0	.0	.0	.0	.0	.0	.4	.0	.1
-14/-16	.0	.0	.0	.0	.0	.0	.0	.1	.0	*
TOTAL								6918		100.0
PCT	*	.3	4.3	41.8	47.5	5.3	.7	100.0		

PERIOD: (OVER-ALL) 1963-1971 JUNE AREA 0001 TANKIN GULF
10.5M 107.5E

TABLE 18
PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT 41 42 43-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	M										NE										48+										PCT									
	1-3 .1 .1 .0																																							

HGT (1) 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	E										SE										48+										PCT									
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT					
1-3	.1	.6	.9	.0	.0	.0	.8	.3	1.2	.1	.0	.0	.0	.8	.3	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6					
1-2	.1	1.1	.9	.0	.0	.0	2.1	.3	4.7	.1	.0	.0	.0	2.1	.3	4.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.1						
3-4	.0	.2	.9	.0	.0	.0	1.0	.0	.1	.7	.0	.0	.0	1.0	.0	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5						
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1						
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
TOT PCT	.3	1.9	1.8	.0	.0	.0	4.0	.7	7.1	16.6	1.0	.0	.0	4.0	.7	7.1	16.6	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25.4						

PERIOD: (OVER-ALL) 1967-1971

JUNE

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

AREA 0001, TONKIN GULF
10.3M 107.5E

WGT	S					SM					48+					PCT				
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+
1-3	.3	1.4	.1	.0	.0	.0	1.7	.2	1.2	.0	.0	.0	.0	1.4	.2	1.2	.0	.0	.0	.0
4-10	.2	7.0	10.4	.0	.0	.0	17.6	.1	4.6	5.9	.0	.0	.0	10.7	.1	4.6	5.9	.0	.0	.0
11-21	.0	1.0	8.2	.7	.0	.0	10.0	.0	1.0	4.9	.3	.0	.0	6.3	.0	1.0	4.9	.3	.0	.0
22-33	.0	.1	.9	.2	.0	.0	1.3	.0	.0	.8	.1	.0	.0	1.0	.0	.0	.8	.1	.0	.0
34-47	.0	.0	.1	.1	.0	.0	.1	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.1	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.5	10.3	19.7	1.0	.0	.0	31.5	.3	6.0	11.0	.6	.0	.0	19.6	.3	6.0	11.0	.6	.0	.0

WGT	M					NW					48+					PCT				
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+
1-3	.1	.9	.0	.0	.0	.0	1.0	.1	.6	.0	.0	.0	.0	.7	.1	.6	.0	.0	.0	.0
4-10	.2	2.2	1.3	.0	.0	.0	3.7	.0	1.7	1.5	.0	.0	.0	3.2	.0	1.7	1.5	.0	.0	.0
11-21	.0	.3	1.1	.0	.0	.0	1.6	.0	.4	.7	.1	.0	.0	1.3	.0	.4	.7	.1	.0	.0
22-33	.0	.0	.2	.0	.0	.0	.2	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.1	.0	.0
34-47	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.1	.0	.0	.1	.1	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	3.5	2.8	.1	.0	.0	6.7	.1	2.0	2.4	.3	.0	.0	5.7	.1	2.0	2.4	.3	.0	.0

PERIOD: (OVER-ALL) 1963-1971

JUNE

AREA 0001 TONKIN GULF
10.3N 107.5E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT BDS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
1	2.1	6.5	.2	.0	.0	.0	0.9	
1-2	1.1	23.2	29.4	.0	.0	.0	53.8	
3-4	.1	5.6	24.6	2.0	.0	.0	32.3	
5-6	.1	.2	3.0	.7	.0	.0	4.6	
7	.0	.2	.5	.4	.0	.0	.9	
8-9	.0	.0	.2	.1	.0	.0	.1	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	3.4	35.6	57.8	3.3	.0	.0	100.0	
							5161	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																		TOTAL	MEAN HGT
	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+		
6	3.1	41.7	32.6	3.9	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4547	
6-7	.0	1.8	5.2	.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	460	
8-9	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29	
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
INDCT	2.7	3.9	1.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	476	
TOTAL	323	2630	2202	277	76	15	3	1	0	0	0	0	0	0	0	0	0	0	5527	
PCT	5.8	47.6	39.8	5.0	1.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

JULY									
PERIOD. (PRIMARY) 1966-1971 (OVER-ALL) 1896-1971									
AREA 0001 TONKIN GULF 10.2M 107.5E									
TABLE 1									
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION									
WIND DIRECTION	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE	HAUL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN	OTHER WEATHER PHENOMENA	TOTAL OBS
				FRZG SNOW OTHER				THOR FOG SMOKE DUST NO	
				PCPN				W0 HAZE BLWG SNOW WE	
M	1	.1	.1	.0	.0	.2	.1	.0	1.8
MC	.1	.1	.0	.0	.0	.2	.1	.0	1.7
E	.1	.1	.0	.0	.0	.1	.4	.0	4.0
SE	.1	.1	.1	.0	.0	.2	1.6	.1	21.2
S	.1	.1	.1	.0	.0	.2	2.1	.0	29.7
SW	.2	.1	.1	.0	.0	.4	.7	.0	24.0
W	.1	.2	.1	.0	.0	.2	.2	.0	5.7
NW	.1	.1	.1	.0	.0	.2	.2	.0	3.1
VAR	.0	.0	.0	.0	.0	.0	.1	.0	1.0
CALM	.0	.0	.0	.0	.0	.0	.1	.0	1.0
TOTAL OBS	51	63	11	.0	.0	1.8	388	2	6382
TOTAL PCT	7	.9	.2	.0	.0	1.8	5.6	.4	92.2

TABLE 2									
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR									
HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE	HAUL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN	OTHER WEATHER PHENOMENA	TOTAL OBS
				FRZG SNOW OTHER				THOR FOG SMOKE DUST NO	
				PCPN				W0 HAZE BLWG SNOW WE	
0040-	.0	1.2	.2	.0	.0	2.3	.0	.0	97.1
0640-	.9	.6	.1	.0	.0	1.6	.0	.6	97.8
12415	.5	.5	.1	.0	.0	1.0	10.3	.1	88.6
18421	.7	1.4	.2	.0	.0	2.3	12.1	.1	85.3
TOTAL	.7	.9	.2	.0	.0	1.8	388	2	6382
PCT	.7	.9	.2	.0	.0	1.8	5.6	.4	92.2

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1955-1971

JULY

AREA 0001 TONKIN GULF
16.2N 107.5E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)								
	0-3	4-10	11-21	22-33	34-47					00	03	06	09	12	15	18	21	
N	.3	1.0	.7	1.5	1.1	.0	5.6	2.1	9.3	1.6	2.1	2.5	2.3	2.9	1.5	1.5	1.1	
NE	.2	1.2	.5	1.5	1.1	.0	5.6	2.0	9.6	1.0	1.8	2.5	2.3	2.1	1.1	1.1	.9	
E	.3	2.8	1.5	1.5	1.1	.0	8.9	4.6	2.9	1.8	2.6	4.5	4.7	8.2	6.2	3.2	1.7	
SE	.5	7.3	14.2	1.1	1.1	.0	23.2	22.2	13.4	15.8	13.8	16.2	27.8	37.0	34.2	23.7	16.8	
S	.5	8.8	20.5	3.3	1.1	.0	32.0	32.0	14.9	32.1	25.4	27.1	23.6	23.5	36.2	44.8	43.7	
SW	.5	5.6	15.5	3.3	1.1	.0	25.0	25.0	13.6	34.4	39.7	29.8	22.3	15.7	15.9	18.5	26.1	
W	.3	2.3	2.8	.9	.1	.0	6.4	3.6	10.6	4.1	4.8	5.0	3.0	3.4	2.3	2.6	2.3	
NW	.2	1.7	1.5	.1	.0	.0	4.6	3.6	10.6	4.1	4.8	5.0	3.0	3.4	2.3	2.6	2.3	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	1.1	2153	4023	515	12	3	6984	1.1	13.1	1.2	1.4	1.0	1.2	1.1	.4	.6	1.4	
TOT OBS	278	4023	515	515	12	3	6984	100.0	13.1	1173	569	116.1	579	1175	549	1208	570	
TOT PCT	4.0	30.8	57.6	7.4	.2	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18	21
N	.7	1.1	.3	.0	.0	.0	2.1	9.3	1.8	1.8	3.1	2.1	2.1	1.4		
NE	.6	1.2	.2	.0	.0	.0	2.0	9.6	1.3	1.3	3.2	2.5	2.5	.9		
E	1.4	2.9	.3	.0	.0	.0	4.6	9.4	2.1	2.1	6.2	7.6	7.6	2.7		
SE	2.4	15.3	5.3	.1	.0	.0	23.2	12.9	15.2	15.2	20.1	36.1	36.1	21.5		
S	2.8	20.7	8.4	.1	.0	.0	32.0	13.4	29.9	29.9	25.9	27.6	27.6	44.4		
SW	1.9	13.7	8.7	.7	.0	.0	25.0	14.9	36.2	36.2	27.3	15.8	15.8	20.9		
W	1.0	3.6	1.4	.4	.0	.0	6.4	13.6	8.1	8.1	8.3	4.5	4.5	4.8		
NW	.9	2.0	.6	.0	.0	.0	3.6	10.6	4.3	4.3	4.3	3.0	3.0	2.5		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	1.1	4229	1751	96	6	6984	1.1	.0	1.3	1.6	.9	.8	.8	.8		
TOT OBS	902	4229	1751	96	6	6984	100.0	13.1	1742	1740	1724	1724	1724	1778		
TOT PCT	12.9	60.6	25.1	1.4	.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

PERIOD: (PRIMARY) 1966-1971
 (OVER-ALL) 1966-1971

JULY

AREA 0001 TONKIN GULF
 18.2N 107.5E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)			40+	MEAN	PCT FREQ
				11-21	22-33	34-47			
00403	1.3	2.8	29.7	50.2	7.9	.2	.0	13.2	100.0
06409	1.6	4.4	36.0	51.6	5.1	.3	.2	12.0	100.0
12415	.9	2.1	29.0	59.5	7.7	.1	.0	13.3	100.0
18421	.8	2.1	27.1	61.1	8.8	.1	.0	13.8	100.0
TOT	80	198	253	4023	515	12	3	13.1	100.0
PCT	1.1	2.8	30.8	57.6	7.4	.2	.2		

TOTAL
 885

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
 BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL	MEAN CLOUD COVER	TOTAL	885
N	.1	.2	1.0	.7		6.3		
NE	2	1.4	.8	.5		5.6		
E	1.0	1.1	1.9	.7		4.8		
SE	6.0	5.1	0.6	3.6		4.8		
S	7.9	6.0	11.8	6.5		4.8		
SW	3.7	3.4	11.3	6.3		6.6		
W	.6	.7	2.8	2.2		6.1		
NW	3	4	1.5	1.3		6.1		
VAR	.0	.0	.0	.0		.0		
CALM	.3	.3	.5	.1		4.5		
TOT 885	1314	1152	2640	1465		5.1	6571	
TOT PCT	20.0	17.5	40.2	22.3			100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH 1/4/8)
 AND OCCURRENCE OF MH 1/5/8 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	599	600	999	1000	1999	2000	3499	4999	5000	6499	7999	8000+	MH 1/5/8	TOTAL
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT 885	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1896-1971

JULY

AREA 0001, TONKIN GULF
18.2N 107.5E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSOY (NM)

CEILING (FEET)	= OR > 10	= OR > 15	= OR > 20	VSOY (NM) = OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	6.7	7.0	7.0	7.0	7.0	7.0	7.0	7.0
= OR > 5000	8.1	8.5	8.5	8.5	8.5	8.5	8.5	8.5
= OR > 3500	8.8	9.5	9.5	9.5	9.5	9.5	9.5	9.5
= OR > 2000	12.9	14.0	14.2	14.2	14.2	14.2	14.2	14.2
= OR > 1000	15.6	17.4	17.7	17.7	17.7	17.7	17.7	17.7
= OR > 600	15.7	17.6	17.9	17.9	18.0	18.0	18.0	18.0
= OR > 300	15.8	17.7	18.0	18.0	18.1	18.1	18.1	18.1
= OR > 150	15.8	17.7	18.0	18.1	18.1	18.1	18.1	18.1
= OR > 0	15.8	17.8	18.0	18.1	18.2	18.2	18.2	18.2
TOTAL	1037	1168	1185	1192	1193	1194	1196	1196

TOTAL NUMBER OF OBS: 6571

PCT FREQ NH (5/8): 81.8

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	9	TOTAL OBS
	19.4	23.2	25.1	9.1	4.9	4.8	7.2	2.5	3.7	.1	6596

PERF JO: (PRIMARY) 1966-1971
(OVER-ALL) 1966-1971

JULY

AREA 0001, TENKIM GULF
18.2N 107.5E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VS&Y (MM)	M	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	≠	≠	.0	.0	.0	≠	.0	.0	.0	≠	
<1/2 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT X	.0	≠	≠	.0	.0	.0	≠	.0	.0	.0	≠	
1/2<1 NO PCP	.0	.0	.0	.0	.0	≠	.0	.0	.0	.0	≠	
TOT X	.0	.0	.0	.0	.0	≠	.0	.0	.0	.0	≠	
1<2 NO PCP	.0	≠	≠	≠	≠	≠	≠	≠	.0	.0	.1	
TOT X	.0	.0	.0	.0	.0	≠	≠	≠	.0	.0	.2	
2<5 NO PCP	.0	.0	.0	≠	≠	.1	.1	.0	.0	.0	.2	
TOT X	.0	.0	.0	≠	.1	.1	.1	.0	.0	.0	.4	
5<10 NO PCP	.1	.1	≠	≠	.1	.1	.1	.1	.0	.0	.6	
TOT X	.2	.2	.2	.9	1.6	2.1	.7	.4	.0	.1	6.4	
10+ NO PCP	.1	≠	≠	.1	.1	.2	.1	.1	.0	.0	.8	
TOT X	1.8	1.7	4.3	22.0	30.3	22.8	5.3	3.0	.0	1.0	92.2	
TOT OBS	1.9	1.7	4.3	22.2	30.4	22.9	5.4	3.1	.0	1.1	93.0	
TOT PCT	2.1	1.9	4.6	23.1	32.1	25.1	6.3	3.5	.0	1.1	100.0	5924

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1896-1971

JUL 7

AREA 0001 TONKIN GULF
18.2N 107.5E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISIB (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.1	.1	.1	.4	.7	.6	.2	.2	.0	.1	.2
	11-21	.1	.1	.1	.5	.9	1.1	.3	.2	.0	.0	.2
	22+	.2	.2	.3	.9	1.6	2.1	.7	.3	.0	.1	.6
	TOT X	.2	.2	.3	.9	1.6	2.1	.7	.3	.0	.1	.6
10+	0-3	.3	.2	.3	.5	.4	.5	.3	.2	.0	1.1	3.7
	4-10	.9	1.1	2.6	6.8	8.1	5.0	2.1	1.6	.0	28.2	54.1
	11-21	.6	.5	1.4	13.8	20.1	14.3	2.3	1.2	.0	54.1	6.9
	22+	.7	.7	.7	1.1	1.7	3.1	.8	.1	.0	1.1	92.9
	TOT X	1.9	1.7	4.3	22.2	30.3	22.9	5.4	3.1	.0	1.1	92.9
TOT OBS												6934
TOT PCT		2.1	2.0	4.6	23.1	32.1	25.1	6.3	3.5	.0	1.1	100.0

AREA 0001 TENKIN GULF
18.2N 107.5E

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1896-1971

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET.MH , 4/8) AND OCCURRENCE OF MH (5/8 BY HOUR

[illegible]

TABLE 11

PERCENT FREQUENCY VSØY (NM) ØY HOUR

MBQ (GHT)	1/2	1/2+1	1+2	2+5	5+10	10+	TOTAL
							GBS
00403	.1	.0	.1	.2	5.4	94.2	1671
06409	.1	.1	.2	.2	5.4	94.0	1650
12415	.0	.0	.1	.4	6.3	93.2	1626
18421	.0	.0	.0	.6	5.9	93.6	1619
TOT	3	1	7	23	376	6152	6572
PCT	%	%	%	%	5.7	93.8	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSOY (NM) AND/OR
CEILING HGT (FEET.NM >4/8).BY HOUR

NEUR (GMT)	<150 450YD	<600 15	<1000 45	1000+ AND5+	NW AND 5+	TOTAL 885
00603	.1	.4	1.0	20.0	78.9	1671
06609	.3	.5	1.0	18.1	81.0	1656
12615	.1	.2	.8	16.7	92.5	1626
16621	.0	.0	.7	14.8	84.1	1619
TOT	9	19	57	1146	5369	6572
PCT	.1	.3	.9	17.4	81.7	100.0

JULY

PERIOD: (PRIMARY) 1965-1971
(OVER-ALL) 1895-1971

AREA 0001 TONKIN GULF
18.2N 107.5E

TABLE 17

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP											
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL	PCT	FREQ
95/99	.0	.0	.0	.0	.1	1.2	.0	.0	18	.3	
90/94	.0	.0	.0	.0	.3	1.9	1.5	.4	271	4.1	
85/89	.0	.0	.0	.0	.1	4.9	33.3	19.6	3983	60.5	
80/84	.0	.0	.0	.0	.0	.3	9.0	19.4	2253	34.2	
75/79	.0	.0	.0	.0	.0	.0	.0	.2	55	.8	
TOTAL	0	0	0	0	26	480	2878	2612	6580	100.0	
PCT	.0	.0	.0	.0	.4	7.3	42.7	39.7	8.8		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL	PCT	FREQ
95/99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
90/94	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
85/89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
80/84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75/79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOTAL	0	0	0	0	0	0	0	0	0	0	
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL	99%	95%
0240Z	95	91	88	85	82	79	75	84.9	1740	99%	95%
0640Z	98	94	91	88	83	80	75	86.6	1729	99%	95%
1241Z	96	90	86	85	82	79	75	85.2	1722	99%	95%
1842Z	91	86	87	84	81	79	73	84.1	1774	99%	95%
TOT	96	92	89	85	82	79	73	85.2	6965	99%	95%

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL	99%
0240Z	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
0640Z	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1241Z	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1842Z	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	0	0	0	0	0	0	0	0	0	0	0

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1956-1971

JULY

AREA 0001 TENKIN GULF
10.2M 107.5C

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	93	TOT	M FOG	M FOG
14/16	.0	.0	.0	.0	.1	.2	15	.0	.2
11/13	.0	.0	.2	.2	.2	.2	46	.0	.7
9/10	.0	.3	.3	.3	.5	.2	90	.0	1.3
7/8	.0	.6	.9	.9	.9	.2	184	.0	2.7
6	.0	.3	.6	.7	.1	.1	119	.0	1.7
5	.0	.5	1.1	1.0	.6	.1	181	.0	2.6
4	.0	.7	1.7	.6	.1	.1	211	.0	3.1
3	.0	.5	3.7	.6	.1	.1	343	.0	5.0
2	.0	1.4	5.1	.6	.1	.1	494	.0	7.2
1	.0	1.6	8.4	.6	.0	.0	730	.0	10.6
0	.2	4.4	10.0	.1	.0	.0	1007	.0	14.7
-1	.0	.2	4.8	11.4	.2	.0	1135	.0	16.6
-2	.3	6.5	6.5	.1	.0	.0	916	.0	13.4
-3	.0	.2	4.2	4.9	.0	.0	636	.0	9.3
-4	.1	.3	3.7	.6	.0	.0	318	.0	4.6
-5	.0	.3	2.2	1.0	.0	.0	240	.0	3.5
-6	.0	.2	.9	.2	.0	.0	90	.0	1.3
-7/-8	.3	.7	.1	.0	.0	.0	78	.0	1.1
-9/-10	.1	.1	.0	.0	.0	.0	15	.0	.2
-11/-12	.0	.0	.0	.0	.0	.0	2	.0	.0
TOTAL	.2	2.3	33.4	56.7	6.3	.9	6850	.0	99.9
PCT	.2	2.3	33.4	56.7	6.3	.9	100.0	.0	99.9

PERIOD: (OVER-ALL) 1963-1971

JULY

AREA 0001 TONKIN GULF
10.2N 107.5E

TABLE 10

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N				NE				PCT				
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10		11-21	22-33	34-47	48+
61	.2	.3	.4	.0	.0	.0	.1	.3	.0	.0	.0	.0	.4
1-2	.1	.6	.4	.0	.0	.0	.1	.7	.3	.0	.0	.0	1.1
3-4	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	3	.9	.6	.0	.0	.0	.2	1.0	.4	.0	.0	.0	1.6

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
61	.1	.8	.9	.0	.0	.0	1.0	.2	4.6	7.7	.0	.0	.0	12.4
1-2	.1	1.4	.9	.0	.0	.0	.8	.0	1.2	6.5	.0	.0	.0	8.6
3-4	.0	.3	.5	.0	.0	.0	.1	.0	.0	.5	.2	.0	.0	.0
5-6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	2.6	1.4	.0	.0	.0	4.3	.5	6.8	14.0	1.0	.0	.0	23.2

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.1	1.0	.0	.0	.0	.0	1.1	.2	.0	.0	.0	.0	.0	1.0
4-10	.2	5.5	10.7	.0	.0	.0	16.3	.2	3.7	6.7	.0	.0	.0	10.6
11-21	.0	1.6	10.5	1.0	.0	.0	13.1	.0	1.0	9.5	1.4	.0	.0	12.0
22-33	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	1.6
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	8.1	22.1	1.3	.0	.0	31.9	.4	5.5	17.6	3.5	.1	.0	27.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.1	1.4	.0	.0	.0	.0	.5	.1	.4	.0	.0	.0	.0	.5
4-10	.2	1.4	.0	.0	.0	.0	3.0	.1	1.0	.9	.0	.0	.0	2.0
11-21	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.6
22-33	.0	.0	.0	.0	.0	.0	.4	.0	.0	.1	.1	.0	.0	.1
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	2.1	2.7	1.1	.1	.0	6.2	.2	1.4	1.4	.1	.0	.0	3.2

AREA 0001 TONKIN GULF
10.2N 107.5E

WIND SPEED (KTS) VS SEA HEIGHT (FT)

HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT 80S
11	2.2	4.9	.1	.0	.0	.0	7.2	
1-2	1.2	18.8	28.9	.0	.0	.0	48.9	
3-4	.1	4.5	28.6	3.6	.0	.0	36.8	
5-6	.0	.2	2.5	1.4	1	.0	4.1	
7	.0	.7	.7	1.4	.1	.0	2.1	
8-9	.0	1	.1	.4	.0	.0	.5	
10-11	.0	.0	.1	.2	.1	.0	.3	
12	.0	.0	1	1	.0	.0	1	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	3.5	28.4	60.9	7.0	.2	.0	100.0	5065

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

[illegible]

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1966-1971

AUGUST

AREA 000: TONKIN GULF
10.3M 107.4E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHWR	ORZL PCPN	PRECIPITATION TYPE				HAIL PCPN	PCT FREQ PCPN AT 06 TIME	TOTAL PCPN	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL SIG OBS
			FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE PCPN	HAZE PCPN	BLWG PCPN	
N	.1	.3	.0	.0	.0	.0	.0	.4		.2	.0	.0	.0	.0	3.3
NE	.1	.2	.0	.0	.0	.0	.0	.3		.3	.0	.0	.0	.0	3.5
E	.2	.2	.0	.0	.0	.0	.0	.4		.8	.0	.0	.0	.0	5.7
SE	.2	.4	.0	.0	.0	.0	.0	.5		1.4	.0	.0	.0	.0	15.7
S	.4	.4	.0	.0	.0	.0	.0	.9		1.7	.0	.0	.1	.0	18.7
SW	.5	.4	.0	.0	.0	.0	.0	1.0		1.2	.0	.0	.0	.0	26.7
W	.4	.2	.0	.0	.0	.0	.0	.7		.3	.0	.0	.0	.0	9.2
NW	.4	.3	.0	.0	.0	.0	.0	.7		.2	.0	.0	.0	.0	4.3
VAR	.3	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	1.5
CALM	.0	.0	.0	.0	.0	.0	.0	.1		.1	.0	.0	.0	.0	6.72
TOT OBS	172	154	.0	.0	.0	.0	.0	4.9	358	459	.4	.0	.0	.0	7297
TOT PCT	2.4	2.1	.0	.0	.0	.0	.0	4.9		6.3	.1	.1	.1	.0	88.7

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHWR	ORZL PCPN	PRECIPITATION TYPE				HAIL PCPN	PCT FREQ PCPN AT 06 TIME	TOTAL PCPN	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL SIG OBS
			FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE PCPN	HAZE PCPN	BLWG PCPN	
0000	3.7	2.3	.5	.0	.0	.0	.0	6.5		.3	.0	.0	.2	.0	93.1
0609	2.0	1.9	.4	.0	.0	.0	.0	4.3		.1	.0	.0	.0	.0	95.4
1215	1.4	1.2	.4	.0	.0	.0	.0	3.0		10.1	.1	.0	.0	.0	86.9
1821	2.3	3.0	.5	.0	.0	.0	.0	5.6		14.5	.2	.1	.1	.0	79.6
TOT	172	154	34	.0	.0	.0	.0	4.9	358	459	.4	.0	.0	.0	6474
PCT	2.4	2.1	.5	.0	.0	.0	.0	4.9		6.3	.1	.1	.1	.0	88.7

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1866-1971

AUGUST

AREA 0001 TONKIN GULF
18.3N 107.4E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)											
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12	15	18	21								
N	3	2-3	1-3	2	0	0	0	3-2	3-5	5-7	5-6	5-6	3-6	1-8	2-7										
NE	3	2-3	1-3	2	0	0	0	1-9	3-3	5-3	7-3	6-5	4-1	2-4	3-0										
E	4	3-7	2-7	1	0	0	0	3-7	3-8	5-7	13-0	12-4	10-0	4-5	3-6										
SE	7	8-4	8-2	4	0	0	0	13-5	11-4	12-2	16-3	25-5	20-5	20-6	15-1										
S	4	8-1	11-9	1-0	0	0	0	21-4	14-5	13-7	18-8	18-6	22-5	30-8	28-4										
SW	5	7-4	18-2	2-7	0	0	0	24-1	41-5	31-8	24-0	19-7	22-5	30-8	33-1										
W	4	3-9	15-2	6	0	0	0	14-1	13-4	14-4	7-9	6-0	6-2	8-8	7-6										
NW	3	2-9	1-9	2	0	0	0	6-2	5-5	8-7	5-1	4-5	2-9	3-2	5-3										
VAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
CALM	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
TOT OBS	368	2891	3746	386	7	0	7398	2-0	3-1	2-4	2-2	1-2	1-7	1-1	1-0										
TOT PCT	5.0	39.1	50.6	5.2	.1	.0	100.0	1244	580	1242	600	1255	585	1273	619										
								100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0										

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)
	0-6	7-16	17-27	28-40	41+				
N	1.3	2.4	.3	.0	.0	4.0	9.1	3.3	5.7
NE	1.3	2.4	.5	.0	.0	4.1	9.7	3.7	6.0
E	1.6	4.7	.5	.0	.0	6.9	9.9	12.6	11.6
SE	3.2	12.8	1.6	.0	.0	17.6	10.7	19.2	25.2
S	2.8	14.0	4.6	.0	.0	21.4	12.3	36.4	20.8
SW	2.6	15.8	10.1	.0	.0	28.8	14.3	13.9	20.6
W	1.8	6.1	2.2	.0	.0	10.2	12.0	6.0	6.0
NW	1.3	3.4	.6	.0	.0	5.3	10.2	6.0	7.5
VAR	0	0	0	0	0	0	0	0	0
CALM	1.7	0	0	0	0	1.7	11.8	3.4	2.3
TOT OBS	1297	4550	1506	44	1	7398	100.0	1824	1042
TOT PCT	17.5	61.5	20.4	.6	.0	100.0	100.0	100.0	100.0

AREA 0001 TONKIN GULF
10.3N 107.4E

TABLE 4

HOUR	CALM	PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)				WIND SPEED (KNOTS)	49+	MEAN	PCT FREQ
		1-3	4-10	11-21	22-33				
0403	2.4	3.5	34.5	52.4	7.1	.2	0	12.4	100.0
0640	2.3	3.7	45.4	49.6	3.9	.1	0	11.0	100.0
2415	1.0	3.3	42.3	49.1	4.2	.1	0	11.5	100.0
0841	1.1	3.7	34.1	50.3	5.7	.1	0	12.5	100.0
101	1.5	4.3	34.6	38.6	7	.7	0	11.8	100.0
PCT	1.7	5.3	39.1	50.6	5.2	.1	0	11.8	100.0

TABLE 5

WIND DIR	PCT FREQ OF TOTAL CLOUD AMOUNT BY WIND DIRECTION				TOTAL OBS	MEAN CLOUD COVER
	0-2	3-4	5-7	8 & OBSCD		
N	.2	.6	1.9	1.4		6.2
NE	.4	1.4	2.0	1.3		6.1
E	3.0	3.3	2.9	1.8		5.5
SE	3.3	3.3	7.1	4.0		5.2
S	3.9	3.2	8.4	5.0		5.4
SW	1.6	2.4	12.6	9.5		5.8
W	1.0	1.2	4.4	3.5		6.0
NW	.3	.6	2.3	2.1		6.4
VAR	.0	.0	.0	.0		.0
CALM	.1	.3	.7	.5		5.8
TOT OBS	956	397	2956	2087	6996	
TOT PCT	13.7	14.3	42.3	29.8	100.0	5.7

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MIN. 4'0") AND OCCURRENCE OF MN 45/8 BY WIND DIRECTION												
	000	150	300	600	1000	2000	3500	5000	6500	8000+	MN 45/8	TOTAL
	11/9	2/9	5/9	9/9	19/9	3/9	4/9	6/9	7/9			885
0	0	0	0	1	5	5	5	1	1	0	1	2.7
0	0	0	0	0	5	5	5	1	0	0	0	3.9
0	0	0	0	0	6	5	5	1	0	0	0	5.4
0	0	0	1	1	1.3	1.2	1.4	2	1	1.4	14.1	14.1
0	0	0	2	1	1.3	1.4	2	2	0	1.1	16.3	16.3
0	0	0	0	1	1.4	1.7	5	6	0	2.6	21.4	21.4
0	0	0	0	1	1	1	5	2	0	2	6.6	6.6
0	0	0	0	0	0	7	1	1	2	0	3.3	3.3
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0	0	1.4	1.4
4	0	2	0	9	532	528	92	95	124	370	5181	6996
1	1	0	0	7	7.6	7.6	1.3	1.4	1.0	5.3	74.1	100.0

PERIOD: (PRIMARY) 1966-1971
(AVER-ALL) 1966-1971

AUGUST

AREA 0001 TONKIN GULF
10.3N 107.4E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	= OR > 1	= OR > 1/2	= OR > 1/4	= OR > 5070	= OR > 0
= OR > 6500	6.4	7.0	7.1	7.1	7.1	7.1	7.1	7.1
= OR > 5000	7.5	8.4	8.4	8.4	8.4	8.4	8.4	8.4
= OR > 3500	8.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
= OR > 2000	14.6	17.2	17.3	17.3	17.3	17.3	17.3	17.3
= OR > 1000	20.7	24.4	24.8	24.9	24.9	24.9	24.9	24.9
= OR > 600	20.9	25.0	25.5	25.5	25.5	25.6	25.6	25.6
= OR > 300	21.0	25.2	25.7	25.8	25.8	25.8	25.8	25.8
= OR > 150	21.0	25.2	25.7	25.8	25.8	25.9	25.9	25.9
= OR > 0	21.0	25.2	25.8	25.8	25.9	25.9	25.9	25.9
TOTAL	1468	1763	1804	1807	1809	1813	1814	1814

TOTAL NUMBER OF OBS: 6396

PCT FREQ NH (5/8): 74.1

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	9	TOTAL OBS
9.4	20.6	28.5	9.8	5.7	7.1	9.4	3.2	6.2	.1	7019

PERIOD: (PRIMARY) 1956-1971
(OVER-ALL) 1866-1971

AUGUST

AREA 0001 TONKIN GULF
10.3N 107.4E

TABLE 6

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF PRECIPITATION WITH VARYING VALUES OF VISIBILITY

[illegible]

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1966-1971

AUGUST

AREA 0001 TORREIN GULF
18.3N 107.4E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NM >4/8) AND
OCCURRENCE OF NM <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NM <5/8 ANY HGT	TOTAL 885
00403	.1	.1	.2	.7	8.6	8.5	1.4	1.4	2.0	5.5	28.5	71.5	1770
06409	.1	.0	.3	.6	7.2	7.1	1.2	1.3	1.6	4.7	24.0	76.0	1760
12415	.0	.0	.3	.7	6.3	6.0	1.2	1.4	2.2	5.9	24.1	75.9	1745
18421	.1	.1	.2	.7	8.2	8.6	1.5	1.3	1.3	5.0	26.9	73.1	1738
TOT	4	2	19	48	532	529	92	95	124	370	1815	5198	7013
PCT	.1	.1	.3	.7	7.6	7.5	1.3	1.4	1.8	5.3	25.9	74.1	100.0

TABLE 11

PERCENT FREQUENCY VS8Y (NM) BY HOUR

HOUR (GMT)	<1/2 1/2<1	1/2	2<5	5<10	10+	TOTAL 885
00403	.2	.1	.6	8.7	90.3	1766
06409	.1	.0	.5	8.0	91.3	1754
12415	.0	.0	.3	10.6	89.1	1742
18421	.0	.0	1.2	14.3	84.5	1736
TOT	6	2	44	727	5214	6998
PCT	.1	.1	.6	10.4	88.6	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VS8Y (NM) AND/OR
CEILING HGT (FEET, NM >4/8) BY HOUR

HOUR (GMT)	<150 150Y0	<1600 1600Y0	<1000 1000Y0	NM <5/8 AND 5+	TOTAL 885
00403	.2	.6	1.6	27.1	71.3
06409	.1	.5	1.5	22.6	75.9
12415	.0	.3	1.2	22.8	75.9
18421	.1	.4	2.0	25.1	72.6
TOT	6	30	110	1709	5179
PCT	.1	.4	1.6	24.4	74.0

AUGUST

PERIOD: (22:MAY) 1965-1971
(OVER-ALL) 1956-1971

AREA 0001 TONKIN GULF
18.3N 107.4E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100			
95/99	.0	.0	.0	.0	.2	.2	.0	.0			18
90/94	.0	.0	.0	.1	1.7	1.1	.4	.0			233
85/89	.0	.0	.0	.0	4.4	28.6	15.5	2.0			3512
80/84	.0	.0	.0	.0	.6	10.0	28.8	4.9			3090
75/79	.0	.0	.0	.0	.0	.0	.3	1.1			104
TOTAL	.0	.0	.0	2	13	475	3133	574			6957
PCT	.0	.0	.0	.2	6.8	39.7	45.0	8.3			

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
M	NE	E	SE	S	SW	W	NW	VAR	CALII
95/99	.0	.0	.0	.0	.0	.0	.0	.0	.0
90/94	.1	.2	.3	.5	1.3	.5	.2	.0	.1
85/89	1.5	2.1	6.1	11.4	18.7	5.2	2.1	.0	.8
80/84	2.2	4.4	10.8	9.2	8.1	4.0	2.6	.0	.7
75/79	.1	.2	.1	.2	.2	.3	.2	.0	.0
TOTAL	4.0	6.9	17.4	21.3	29.4	10.1	5.2	.0	1.6

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR									
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL
00403	97	90	88	84	80	78	75	84.4	885
06409	97	94	91	86	82	78	75	86.2	1822
12415	95	90	88	85	81	79	76	84.7	1841
18421	94	88	87	84	80	78	75	83.8	1894
TOT	97	92	89	85	81	79	75	84.8	7397

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR									
HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL	
00403	.0	.2	5.3	40.1	45.2	9.3	80	885	
06409	.0	.6	18.7	52.0	26.5	4.2	76	1732	
12415	.0	.0	4.1	38.6	51.0	6.4	80	1721	
18421	.0	.1	1.5	28.4	57.1	12.9	83	1778	
TOT	0	15	475	2761	3133	574	60	6958	

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1866-1971

AUGUST

AREA 0001 TANNIN GULF
18.3N 107.4E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	93	TOT	W	W8
	76	80	84	88	92	96	F80	F80	F80
14/16	.0	.0	.0	.0	.0	.0	9	.0	.1
11/13	.0	.0	.0	.0	.0	.0	20	.0	.3
9/10	.0	.0	.0	.0	.0	.0	27	.0	.4
7/8	.0	.0	.0	.0	.0	.0	89	.0	1.2
5	.0	.0	.0	.0	.0	.0	72	.0	1.0
4	.0	.0	.0	.0	.0	.0	142	.0	2.0
3	.0	.0	.0	.0	.0	.0	208	.0	2.9
2	.0	.0	.0	.0	.0	.0	292	.0	4.1
1	.0	.0	.0	.0	.0	.0	493	.0	6.7
0	.0	.0	.0	.0	.0	.0	657	.0	9.1
-1	.0	.0	.0	.0	.0	.0	924	.0	12.6
-2	.0	.0	.0	.0	.0	.0	1102	.0	15.3
-3	.0	.0	.0	.0	.0	.0	980	.0	13.6
-4	.0	.0	.0	.0	.0	.0	882	.0	12.3
-5	.0	.0	.0	.0	.0	.0	540	.0	7.5
-6	.0	.0	.0	.0	.0	.0	381	.0	5.3
-7/-8	.0	.0	.0	.0	.0	.0	184	.0	2.5
-9/-10	.0	.0	.0	.0	.0	.0	145	.0	2.0
-11/-13	.0	.0	.0	.0	.0	.0	49	.0	.7
TOTAL	.1	.1	.1	.0	.0	.0	12	.0	.2
PCT	.2	3.8	42.5	47.2	5.5	.7	7198	.1	99.9
							100.0		

PERIOD: (OVER-ALL) 1963-1971

AUGUST

TABLE 18

AREA 0001 TONKIN GULF
18.3N 107.4E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.1	.6	.1	.0	.0	.0	.7	.1	.6	.9	.0	.0	.0	.7
1-2	.2	1.5	1.0	.0	.0	.0	2.6	.1	1.6	.9	.0	.0	.0	2.6
3-4	.0	.1	.1	.0	.0	.0	.3	.0	.3	.2	.0	.0	.0	.3
5-6	.0	.1	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	2.2	1.2	.0	.0	.0	3.7	.2	2.3	1.3	.2	.0	.0	4.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.2	.6	.7	.0	.0	.0	1.1	.2	1.6	.0	.0	.0	.0	1.8
1-2	.1	2.4	1.7	.0	.0	.0	4.2	.2	5.4	5.5	.0	.0	.0	11.1
3-4	.0	.5	.9	.0	.0	.0	1.4	.1	1.1	3.3	.3	.0	.0	4.7
5-6	.0	.1	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.2
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	3.8	2.7	.1	.0	.0	6.9	.4	8.1	8.9	.3	.0	.0	17.7

PERIOD: (OVER-ALL) 1903-1971

AUGUST
TABLE 10

AREA 0001 TOMLIN GULF
10.3M 107.4E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (F7)

WGT	S					SM					PCT								
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.2	2.2	.1	.0	.0	.0	.2	1.2	.0	.0	.0	.0	.2	1.2	.0	.0	.0	.0	1.4
3-4	.1	5.1	6.4	.0	.0	.0	.2	5.0	7.5	.0	.0	.0	.2	5.0	7.5	.0	.0	.0	12.6
5-6	.0	1.0	4.4	.6	.0	.0	.0	1.2	1.1	2.1	.0	.0	.0	1.2	1.1	2.1	.0	.0	14.5
7	.0	.0	.3	.1	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.5	.0	.0	.0	1.4
8-9	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29-30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	7.4	11.4	.6	.0	.0	.4	7.6	20.2	2.6	.0	.0	.0	.4	20.2	2.6	.0	.0	30.8

WGT T	M					NM					PCT								
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.2	.8	.0	.0	.0	.0	.1	.7	.0	.0	.0	.0	.1	.7	.0	.0	.0	.0	9.7
3-4	.2	2.6	3.1	.0	.0	.0	.1	1.9	1.4	.0	.0	.0	.0	1.9	1.4	.0	.0	.0	3.4
5-6	.0	.6	2.2	.6	.0	.0	.0	2.0	.5	.1	.0	.0	.0	.0	.5	.1	.0	.0	.8
7	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29-30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	4.1	5.5	.7	.0	.0	.2	2.8	2.0	.2	.0	.0	.2	2.8	2.0	.2	.0	.0	5.1

PERIOD: (OVER-ALL) 1963-1971

AUGUST

AREA 0001, TONKIN GULF
18.3N 107.4E

TABLE 18. (CONT)

WGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT GBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	2.4	7.7	.2	.0	.0	.0	10.4	
1-2	1.2	25.3	27.5	.0	.0	.0	53.7	
3-4	.2	4.9	22.5	3.8	.0	.0	31.4	
5-6	.0	.2	2.3	.5	.0	.0	3.0	
7	.0	.0	.7	.5	.1	.0	1.3	
8-9	.0	.0	.0	.0	.0	.0	.1	
10-11	.0	.0	.0	.0	.0	.0	.1	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	3.9	38.1	53.0	4.9	.1	.0	100.0	
							5097	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																			TOTAL	MEAN HGT	
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-42	41-48	49-60	61-70	71-86	87+			
<6	2.8	44.7	31.7	2.6	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4810	2
6-7	.1	1.4	1.9	.5	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	284	4
8-9	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	36	5
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	3
12-13	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	2
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
INDEX	4.1	5.0	1.9	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	621	2
TOTAL	385	2843	1987	187	109	18	14	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5545	2
PCT	6.8	51.3	35.6	3.4	2.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

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AREA 0001 TENM IN GULF
18.3N 107.5E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	OTHER WEATHER PHENOMENA					TOTAL 00S
				FRZG	SNOW	OTHER	FRZM				THDR LTNG	FG	SMOKE	DUST	BLWD SNOW	
N	.8	.8	.1	.0	.0	.0	.0	.0	1.7		.6					
NE	.8	.8	.1	.0	.0	.0	.0	.0	1.8		.9					
E	.3	.5		.0	.0	.0	.0	.0	.6		1.0					
SE	.1	.3	.1	.0	.0	.0	.0	.0	.6		1.4					
S	.1	.2		.0	.0	.0	.0	.0	.4		.7					
SW	.3	.3	.1	.0	.0	.0	.0	.0	.6		.4					
W	.6	.4	.1	.0	.0	.0	.0	.0	1.0		.4					
NW	.7	.5	.1	.0	.0	.0	.0	.0	1.2		.3					
VAL	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0					
CALM				.0	.0	.0	.0	.0			.0					
TOT 00S	260	260	40	0	0	0	0	0		955	393	8	120	3	5752	6825
TOT PCT	3.8	3.8	.6	.0	.0	.0	.0	.0	0.1		5.6	.1	1.8		84.3	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL 00S
				FRZG	SNOW	OTHER	FRZM					PCPN	FG	SMOKE	DUST	BLWD SNOW	
0000	5.4	4.9	.6	.0	.0	.0	.0	.0	10.8		.2	.1	1.7	.1		87.3	
0600	3.6	3.6	.8	.0	.0	.0	.0	.0	7.9		.2	.2	1.9	.1		89.9	
1200	2.5	2.1	.4	.0	.0	.0	.0	.0	4.9		11.3	.1	1.7	.1		82.2	
1800	3.7	4.8	.6	.0	.0	.0	.0	.0	8.9		11.5	.1	1.8	.0		77.8	
TOT	260	260	40	0	0	0	0	0		955	393	8	120	3	5756	6829	
PCT	3.8	3.8	.6	.0	.0	.0	.0	.0	0.1		5.6	.1	1.8		84.3		

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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					18	21
	0-3	4-10	11-21	22-33	34-47	00	03	06	09	12					15						
N	.9	6.2	6.3	1.7	.1	#	15.0	13.9	18.8	20.8	15.5	12.7	11.1	13.6							
NE	.9	7.8	7.3	2.3	.1	.0	14.9	12.8	17.7	23.3	23.7	21.4	14.3	16.8							
E	.9	7.8	5.0	.3	#	.0	11.0	11.5	11.0	16.5	21.2	17.3	13.0	10.5							
SE	.9	8.0	4.9	.4	.0	.0	13.0	12.1	9.2	10.2	16.3	21.0	16.8	15.1							
S	.8	5.5	2.9	.2	#	.0	9.6	8.5	7.9	3.4	5.5	10.4	15.3	14.2							
SW	.5	4.8	2.3	.2	.1	.0	12.1	8.9	7.4	3.5	4.3	5.4	9.5	10.5							
W	.7	4.2	2.5	.4	.1	.0	10.4	9.9	8.7	5.9	4.6	3.2	9.8	7.2							
NW	.8	5.3	3.4	.5	.1	.0	10.8	13.1	15.4	12.0	6.9	5.3	7.4	9.0							
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
CALM	3.1	.0	.0	.0	.0	.0	3.2	3.0	3.8	4.0	2.2	3.3	2.8	3.0							
TOT OBS	657	3433	2391	416	28	2	1161	563	1187	574	1147	543	1178	574							
TOT PCT	9.5	49.6	34.5	6.0	.4	#	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0							

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18	21
N	3.1	8.3	3.0	.7	#	#	15.2	12.5	14.6	19.4	14.6	11.9	11.9	11.9	11.9	11.9
NE	4.2	9.3	4.2	.8	#	#	18.4	12.6	16.2	19.6	23.0	23.0	23.0	23.0	23.0	23.0
E	4.0	8.4	1.5	.1	#	#	14.0	9.9	11.2	12.8	19.9	12.2	12.2	12.2	12.2	12.2
SE	4.2	8.4	1.4	.1	.0	.0	14.1	9.7	12.8	9.6	17.8	16.2	16.2	16.2	16.2	16.2
S	3.1	5.6	.7	#	.0	.0	9.4	9.1	9.3	6.4	7.1	15.0	15.0	15.0	15.0	15.0
SW	2.6	4.6	.6	.1	.0	.0	7.9	9.5	11.0	6.1	4.6	9.8	9.8	9.8	9.8	9.8
W	2.6	4.3	.8	.2	.0	.0	7.8	9.9	10.2	7.8	4.1	8.9	8.9	8.9	8.9	8.9
NW	3.3	5.3	1.3	.2	.0	.0	10.1	10.3	11.6	14.3	6.4	7.9	7.9	7.9	7.9	7.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	3.1	37.41	942	147	.1	6927	3.1	10.4	3.1	3.9	2.5	2.9	2.9	2.9	2.9	2.9
TOT OBS	3093	3741	942	147	.1	6927	100.0	10.4	1724	1761	1690	1752	1752	1752	1752	1752
TOT PCT	30.2	54.0	13.6	2.1	.1	#	100.0	10.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)			
WIND SPEED (KNOTS)	46+	MEAN	PCT
11-21 22-23 34-47	46+	MEAN	PCT
0000 3.1 6.9 49.5 33.0 7.0	.5	10.4	100.0
0600 3.9 7.2 50.8 31.1 6.4	.5	10.1	100.0
1200 2.5 5.4 49.9 36.9 4.8	.4	10.5	100.0
1800 2.9 5.9 48.1 37.1 5.8	.3	10.5	100.0
TOT 215 442 3473 2391 416	28	2	10.4
PCT 3.1 6.4 49.6 34.5 6.0	.4	2	100.0

TOTAL
OBS

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (CIGHTWS)			
WIND DIRECTION	0-2	3-4	5-7
0000 149	299	599	799
N	3.6	2.5	5.0
NE	4.1	2.6	6.3
E	2.2	2.2	5.6
SE	3.7	2.6	5.5
S	2.5	2.0	3.7
SW	1.8	1.5	2.7
W	1.3	1.1	2.9
NW	1.6	1.8	3.7
VAR	1.0	.0	.0
CALM	1.0	.6	1.1
TOT OBS	1474	1090	2324
TOT PCT	22.9	16.9	36.0

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. NH 34/8)			
WIND DIRECTION	0-2	3-4	5-7
0000 149	299	599	799
N	3.6	2.5	5.0
NE	4.1	2.6	6.3
E	2.2	2.2	5.6
SE	3.7	2.6	5.5
S	2.5	2.0	3.7
SW	1.8	1.5	2.7
W	1.3	1.1	2.9
NW	1.6	1.8	3.7
VAR	1.0	.0	.0
CALM	1.0	.6	1.1
TOT OBS	1474	1090	2324
TOT PCT	22.9	16.9	36.0

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	= OR >1	= OR >1/2	= OR >1/4	= OR >50YD
= OR >6500	2.7	3.2	3.2	3.2	3.2	3.2	3.2
= OR >5000	3.5	4.0	4.0	4.0	4.0	4.0	4.0
= OR >3500	4.4	5.2	5.2	5.2	5.2	5.2	5.2
= OR >2000	11.4	14.4	14.7	14.7	14.8	14.8	14.8
= OR >1000	18.6	25.4	26.2	26.3	26.4	26.4	26.4
= OR >600	19.1	26.8	27.9	28.1	28.2	28.3	28.3
= OR >300	19.1	27.1	28.3	28.7	28.8	28.9	28.9
= OR >150	19.2	27.1	28.4	28.7	28.8	28.9	28.9
= OR >0	19.2	27.1	28.4	28.7	28.9	29.0	29.0
TOTAL	1236	1750	1831	1852	1864	1871	1871

TOTAL NUMBER OF OBS: 6450

PCT FREQ NH (5/8): 71.0

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	00SC0	TOTAL OBS
0.6 16.5 28.9 10.8 6.0 7.5 9.2 3.3 8.9 .2 6476											

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TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	
PCP	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.3	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.3	
PCP	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	
PCP	.3	.3	.1	.0	.1	.1	.2	.2	.0	.0	1.3	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.3	.3	.1	.0	.1	.1	.2	.2	.0	.0	1.3	
PCP	.9	.7	.3	.1	.1	.4	.6	.6	.0	.0	3.9	
NO PCP	2.1	2.0	1.0	1.5	.0	.9	.9	1.2	.0	.5	12.5	
TOT %	3.0	3.5	2.1	1.6	.9	1.2	1.5	1.8	.0	.5	16.4	
PCP	.3	.5	.4	.2	.2	.1	.2	.2	.0	.0	2.1	
NO PCP	11.4	12.0	11.4	12.0	8.2	6.5	5.0	7.7	.0	2.5	79.2	
TOT %	11.7	14.3	11.8	12.2	8.3	6.6	6.0	7.9	.0	2.5	81.3	
TOT OBS	15.2	18.4	14.0	14.1	9.4	7.9	7.0	10.1	.0	3.0	100.0	6025

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TABLE 9
PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISIB (MM)	SPD KTS	N	MC	C	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
	TOT M	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
	TOT M	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
	TOT M	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1
	11-21	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1
	22+	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
	TOT M	.3	.3	.1	.1	.1	.1	.2	.3	.0	.0	.5
5<10	0-3	.2	.2	.1	.1	.1	.1	.1	.2	.0	.5	1.6
	4-10	.9	1.2	.9	1.0	.6	.6	.6	.7	.0	.0	6.4
	11-21	1.3	1.2	.9	.7	.2	.4	.6	.7	.0	.0	6.1
	22+	.6	.9	.1	.1	.1	.1	.2	1.0	.0	.0	2.2
	TOT M	3.0	3.5	2.1	1.8	.9	1.2	1.5	1.0	.0	.5	16.3
10+	0-3	.7	.7	.7	.7	.7	.5	.6	.4	.0	2.6	7.7
	4-10	5.2	6.6	6.0	6.9	4.0	4.2	3.6	4.5	.0	.0	42.7
	11-21	4.9	5.0	3.9	4.2	2.7	1.0	1.7	2.5	.0	.0	27.7
	22+	.9	1.2	.2	.3	.1	.1	.1	.2	.0	.0	3.1
	TOT M	11.7	14.2	11.7	12.2	8.3	6.6	6.0	7.9	.0	2.6	81.2
TOT OBS		15.2	18.4	14.0	14.1	9.4	8.0	7.0	10.1	.0	3.0	100.0
TOT PCT												6855

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TABLE 10
 PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MH >4/8) AND
 OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000	150	300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400	TOTAL	MH <5/8 ANY HGT	TOTAL
00403	.0	.1	.5	2.7	14.9	11.1	1.2	1.0	1.7	1.6	34.8	65.2	1640							
06409	.1	.0	1.0	1.3	12.1	9.2	1.3	.7	1.1	1.5	28.2	71.8	1655							
12415	.1	.0	.6	1.7	8.9	6.8	1.1	.9	1.0	2.4	23.5	76.5	1568							
18421	.1	.1	.4	1.7	10.6	11.0	1.2	.8	1.1	2.1	29.1	70.9	1599							
TOT	4	2	42	119	752	617	77	54	80	124	1871	4591	6462							
PCT	.1	.6	1.8	11.6	9.5	1.2	.8	1.2	1.9	29.0	71.0	100.0								

TABLE 11

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL
00403	.3	.3	.4	1.8	15.2	82.1	1639
06409	.1	.4	.5	1.3	13.6	84.1	1650
12415	.1	.2	.3	.8	16.1	82.6	1566
18421	.3	.1	.2	1.5	18.2	79.7	1602
TOT	12	16	22	88	1016	5303	6457
PCT	.2	.2	.3	1.4	15.7	82.1	100.0

TABLE 12

HOUR (GMT)	<150	150-600	600-1000	1000+ AND 5+	TOTAL
00403	.1	1.1	5.1	30.1	64.9
06409	.1	1.3	3.6	25.0	71.5
12415	.1	.9	3.1	20.5	76.4
18421	.4	1.1	3.6	25.8	70.6
TOT	11	71	248	1640	4569
PCT	.2	1.1	3.8	25.4	70.8

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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100			
95/99	.0	.0	.0	.1	.2	.0	.0	.0	.0	10	.2
90/94	.0	.0	.0	.2	.0	.0	.2	.0	.0	10	2.0
85/89	.0	.0	.6	1.2	3.4	12.4	6.7	.5	.5	1614	29.9
80/84	.0	.0	.0	.8	2.9	4.6	13.9	35.5	6.7	4171	69.3
75/79	.0	.0	.0	.0	.0	.3	.3	2.2	5.5	543	8.4
70/74	.0	.0	.0	.0	.0	.0	.0	.1	.2	18	.3
TOTAL	.0	.0	.6	2.4	6.0	17.3	29.4	83.4	6486	100.0	
PCT	.0	.0	1.4	4.4	9.3	27.5	44.6	12.9			

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
	N	NE	E	SE	S	SW	W	NW	CALM
95/99	.0	.0	.0	.0	.0	.0	.0	.0	.0
90/94	.0	.0	.0	.0	.0	.0	.0	.0	.0
85/89	.3	.2	.2	.3	.2	.3	.2	.3	.1
80/84	3.6	3.9	3.1	4.0	3.4	2.4	1.7	2.1	.7
75/79	9.4	12.0	9.5	9.3	5.3	4.7	5.1	6.8	2.2
70/74	1.9	2.1	.8	.6	.5	.6	1.0	.9	.1
TOTAL	.2	.0	.0	.0	.0	.0	.0	.0	.0
PCT	15.5	10.1	13.7	14.2	9.4	8.0	8.0	10.1	3.1

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR									
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00403	97	99	86	83	78	75	72	82.6	1726
06409	96	93	80	84	79	76	71	84.4	1759
12415	94	88	86	83	79	76	71	82.9	1690
18421	88	86	85	82	78	76	72	82.0	1753
TOT	97	91	88	83	78	76	71	83.0	6928

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR									
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS
00403	.0	.0	.0	4.9	7.7	24.8	46.6	16.0	883
06409	.0	.0	.0	7.3	13.8	40.2	31.2	7.5	1626
12415	.0	.0	.0	6.5	8.3	27.0	47.4	10.8	1640
18421	.0	.0	.0	4.5	7.1	17.9	53.5	17.1	1588
TOT	.0	.0	.0	375	601	1783	2896	834	6486

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1967-1971

SEPTEMBER

TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AREA 0001 TONKIN GULF
10.3M 107.5E

AIR-SEA TMP DIF	69	72	76	77	80	81	84	85	88	89	92	93	96	TOT	M	W8 FOG
14/16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	.0	.0
11/13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	.0	.2
9/10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30	.0	.4
7/8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	46	.0	.7
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	47	.0	.7
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	91	.0	1.3
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	121	.0	1.8
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	177	.0	2.6
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	326	.0	4.8
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	455	.0	6.7
0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	742	.0	10.9
-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	860	.0	12.6
-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	868	.0	12.7
-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	879	.0	12.9
-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	853	.0	9.6
-5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	544	.0	8.0
-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	374	.0	5.5
-7/-8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	413	.0	6.1
-9/-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	114	.0	1.7
-11/-12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	43	.0	.6
-14/-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9	.0	.1
TOTAL														6810		
PCT	.1	1.2	15.8	56.1	23.5	2.8	.5							100.0	.1	99.9

PERIOD: (OVER-ALL) 1963-1971

SEPTEMBER

TABLE 10

AREA 0001 TANK IN GULF
18.3M 107.5E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

MGT	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT
61	.5	1.5	.0	.0	.0	.0	.5	2.2	.1	.0	.0	.0	2.7
1-2	.1	3.7	3.4	.0	.0	.0	.2	4.3	3.2	.0	.0	.0	7.7
3-4	.7	.7	2.8	.5	.0	.0	.1	.8	3.0	1.0	.0	.0	4.9
5-6	.0	.1	.5	.3	.0	.0	.0	.5	.6	.3	.0	.0	1.1
7	.0	.0	.4	.4	.0	.0	.0	.3	.3	.3	.0	.0	.7
8-9	.0	.0	.1	.3	.0	.0	.0	.0	.1	.3	.0	.0	.5
10-11	.0	.0	.0	.3	.0	.0	.0	.0	.0	.1	.0	.0	.1
12	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.7	6.1	7.2	2.0	.1	.0	.7	7.4	7.2	2.3	.1	.0	17.9

MGT	E				SE				48+	PCT			
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10			11-21	22-33	34-47
61	.6	2.4	.1	.0	.0	.0	.4	2.5	.0	.0	.0	.0	2.9
1-2	.2	4.0	2.4	.0	.0	.0	.4	4.5	2.5	.0	.0	.0	7.5
3-4	.1	.7	1.7	.1	.0	.0	.1	.3	1.6	.3	.0	.0	2.9
5-6	.0	.0	.3	.1	.0	.0	.0	.0	.1	.1	.0	.0	.2
7	.0	.0	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.2
8-9	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.9	7.2	4.6	.3	.0	.0	.9	8.0	4.5	.4	.0	.0	13.7

SEPTEMBER
TABLE 18

PERIOD: (OYER-ALL) 1963-1971

AREA 0001 TORREIN GULF
18.2N 107.5E

PCT FREQ BY WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

TOT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.6	1.9	.0	.0	.0	.0	2.4	.2	1.9	.0	.0	.0	.0	2.4
1-2	.4	3.0	1.0	.0	.0	.0	5.3	.2	2.0	1.2	.0	.0	.0	4.3
3-4	.0	.5	1.0	.1	.0	.0	1.7	.0	.4	.3	.1	.0	.0	1.4
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29-30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	5.4	3.0	.2	.0	.0	9.6	.6	5.3	2.3	.3	.1	.0	8.5

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.6	1.6	.1	.0	.0	.0	2.0	.5	1.9	.0	.0	.0	2.4	
1-2	.4	2.6	1.5	.0	.0	.0	4.3	.2	3.3	2.6	.0	.0	6.4	
3-4	.0	.4	.8	.1	.0	.0	1.3	.0	.4	1.1	.3	.0	1.8	
5-6	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
29-30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
31-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	.6	4.5	2.5	.3	.1	.0	9.0	.8	5.5	4.3	.6	.1	.0	11.3

SEPTEMBER

AREA 0001, TONKIN GULF-
10.3N 107.5E

PERIOD: (OVER-ALL) 1963-1971

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT GBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
41	6.4	15.6	.3	.0	.0	.0	22.5	
1-2	2.1	28.1	10.0	.0	.0	.0	49.0	
3-4	.3	4.7	12.9	2.6	.0	.0	20.6	
5-6	.0	.2	1.6	1.2	.0	.0	3.0	
7	.0	.2	1.1	1.1	.1	.0	2.5	
8-9	.0	.2	.4	.6	.2	.0	1.3	
10-11	.0	.0	.1	.5	.1	.0	.7	
12	.0	.0	.1	.2	.0	.0	.2	
13-16	.0	.0	.0	.0	.1	.0	.1	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-73	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	8.8	49.1	35.4	6.3	.4	.0	100.0	
							4519	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																		TOTAL	MEAN HGT
	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+		
4.2	39.2	19.3	2.5	2.2	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3476	3
6-7	.1	1.5	1.2	.8	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	370	4
8-9	.0	.2	.3	.3	.4	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	98	7
10-11	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	4
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	6
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
IMDET	12.2	6.6	2.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1135	1
TOTAL	640	2430	1266	220	89	44	17	6	4	0	0	0	0	0	0	0	0	0	5102	2
PCT	16.5	47.6	24.9	3.6	1.7	.9	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1899-1971

OCTOBER

AREA 0001 TONKIN GULF
18.3N 107.4E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHR	RAIN SHR	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT PC TIME	TOTAL PCPN OBS	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS	
			ORZL PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					FG PCPN	SHR PCPN	HAZE PCPN	BLND PCPN	SEA	
N	.6	.7	.1	.0	.0	.0	.0	1.4	.1	.0	.0	.0	.0	.0	.0	1.5
NE	1.2	.9	.2	.0	.0	.0	.0	2.0	.5	.0	.0	.0	.0	.0	.0	2.5
E	.6	.7	.1	.0	.0	.0	.0	1.4	.3	.0	.0	.0	.0	.0	.0	1.7
SE	.2	.2	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.5
S	.1	.1	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.2
SW	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
W	.1	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
NW	.1	.2	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	211	197	33	0	0	0	0	439	141	0	0	0	0	0	0	141
TOT PCT	3.0	2.8	.5	.0	.0	.0	.0	6.3	2.0	.1	.1	.1	.1	.1	.1	6.3

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHWR	RAIN SHWR	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR LTNG	OTHER WEATHER PHENOMENA						TOTAL OBS
			ORZL	FRZG	SNOW	OTHER					FG	SHR	HAZE	BLND	SEA		
0000	3.9	2.8	.4	.0	.0	.0	.0	7.1	.2	.1	2.4	.1	.1	.1	.1	90.3	
0600	2.2	2.2	.5	.0	.0	.0	.0	4.0	.0	.0	3.4	.1	.1	.1	.1	91.7	
1200	2.9	2.4	.5	.0	.0	.0	.0	5.0	.2	.1	1.6	.1	.1	.1	.1	89.3	
1800	3.1	3.9	.6	.0	.0	.0	.0	7.6	4.7	.2	1.7	.1	.1	.0	.0	90.0	
TOT	211	197	33	0	0	0	0	439	142	5	157	4	4	1	1	619.2	
PCT	3.0	2.8	.5	.0	.0	.0	.0	6.3	2.0	.1	2.3	.1	.1	.1	.1	89.3	

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 PERIOD: (PRIMARY) 1966-1971
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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						15	18	21
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12								
M	.6	6.1	9.7	3.2	.2	.0		19.7	14.4	20.2	19.1	19.9	22.4	21.3	19.3	17.2	19.0					
MC	.6	8.3	17.3	7.1	.2	.0		33.4	15.7	35.0	36.4	33.3	31.6	34.2	34.4	30.3	32.8					
C	.6	6.7	9.5	.9	.0	.0		17.7	12.2	16.2	16.0	16.8	18.9	19.0	18.3	20.1	14.7					
SC	.5	5.6	7.7	.4	.0	.0		14.3	11.7	12.4	12.8	12.2	15.3	14.6	16.7	15.9	16.1					
S	.4	2.6	2.3	.2	.0	.0		5.6	10.3	5.3	6.4	6.4	3.5	4.4	4.6	5.0	6.5					
SW	.3	1.0	.3	.#	.0	.0		1.7	7.8	2.1	1.7	1.9	1.0	.9	.9	2.0	1.5					
W	.2	1.1	.3	.0	.0	.0		1.7	7.2	2.0	1.7	2.2	1.7	1.2	1.0	1.8	1.1					
NW	.3	2.4	1.5	.2	.0	.0		4.3	10.0	4.6	4.3	5.0	3.6	3.7	2.9	5.0	4.3					
VAR	.0	.0	.0	.0	.0	.0		1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CALM	1.7							1.7	.0	1.3	2.6	2.3	2.0	.7	2.0	1.2	2.9					
TOT OBS	356	2361	3404	828	26	0	6975	100.0	13.2	1192	534	1190	549	1193	549	1210	558					
TOT PCT	5.1	33.8	48.8	11.9	.4	.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0					

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40	00					03	06	09	12	15	18	21	
M	2.9	9.6	6.5	.8	.0		19.7	14.4	19.8	20.7	20.7	20.7	17.8				
MC	3.0	15.4	13.5	1.5	.#		33.4	15.7	35.4	32.8	34.2	34.2	31.4				
C	2.5	11.5	3.6	.1	.0		17.7	12.2	16.1	17.5	18.8	18.4					
SC	2.2	9.5	2.5	.#	.0		14.3	11.7	12.5	13.2	15.3	16.0					
S	1.5	3.3	.8	.0	.0		5.6	10.3	6.3	5.5	4.4	6.0					
SW	.6	.9	.1	.0	.0		1.7	7.8	1.7	1.6	.9	2.4					
W	.6	.9	.1	.0	.0		1.7	7.2	1.9	2.1	1.1	1.6					
NW	1.3	2.5	.5	.1	.0		4.3	10.0	4.5	4.6	3.4	4.8					
VAR	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0					
CALM	1.7						1.7	.0	1.7	2.2	1.1	1.7					
TOT OBS	1140	3729	1919	177	2	6975	100.0	13.2	1726	1739	1742	1768					
TOT PCT	16.5	53.5	27.5	2.5	.#				100.0	100.0	100.0	100.0					

PERIOD: (PRIMARY) 1966-1971
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AREA 0001: TONKIN GULF
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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47					
0600	1.7	3.4	32.6	47.6	14.2	.5	.0	13.6	100.0	1726	
0609	2.2	3.9	34.9	46.4	10.4	.2	.0	12.7	100.0	1739	
2415	1.1	3.1	34.6	49.0	12.1	.2	.0	13.2	100.0	1742	
0621	1.7	3.3	33.3	50.2	10.9	.6	.0	13.1	100.0	1768	
TOT	11.6	24.0	236.1	340.4	82.8	2.6	.0	13.2		5875	
PCT	1.7	3.4	33.8	48.8	11.9	.4	.0		100.0		

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)								TOTAL OBS	MEAN CLOUD COVER
	0-2	3-4	5-7	8+	0-2	3-4	5-7	8+		
N	3.9	2.6	6.8	6.8	5.4					
NE	7.1	4.3	11.9	9.8	5.3					
E	4.2	2.8	4.8	4.1	4.9					
SE	5.1	2.8	4.7	2.2	4.2					
S	2.4	1.2	1.4	.6	3.6					
SW	.6	.4	.5	.2	4.1					
W	1.4	.4	.5	.4	4.9					
NW	1.1	.6	1.3	1.2	5.0					
VAR	.0	.0	.0	.0	.0					
CALM	.9	.3	.3	.2	3.0					
TOT OBS	1643	998	2142	1639	6423					
TOT PCT	25.6	15.6	33.3	25.5	100.0					

TABLE 6

PERCENTAGE FREQUENCY OF GULLING HEIGHTS (FT. MH) 24/28
AND OCCURRENCE OF MH (S/8 BY WIND DIRECTION)

WIND DIR	PERCENTAGE FREQUENCY OF GULLING HEIGHTS (FT. MH) 24/28												TOTAL OBS
	000	150	300	600	999	1000	1999	2499	3499	4999	6499	7999	
N	.0	.0	.1	.6	4.3	2.6	.2	.4	.3	.4	.4	.4	
NE	.0	.0	.2	.5	6.2	4.2	.3	.4	.4	.4	.4	.4	
E	.0	.0	.1	.3	2.7	1.9	.1	.2	.1	.2	.1	.2	
SE	.0	.0	.0	.1	1.4	1.0	.1	.1	.1	.2	.1	.1	
S	.0	.0	.0	.0	.4	.4	.2	.2	.2	.1	.1	.1	
SW	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	
W	.0	.0	.0	.1	1.1	.5	.2	.2	.2	.1	.1	.1	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT OBS	1	1	23	120	1062	719	54	69	64	102	4208	5423	
TOT PCT	.1	.1	1.4	1.9	16.5	11.2	.8	1.1	1.0	1.3	65.5	100.0	

PERIOD: (PRIMARY) 1966-1971
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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NM >40) AND VSBY (NM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	= OR >1	= OR >.1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	2.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6
= OR >5000	3.2	3.7	3.7	3.7	3.7	3.7	3.7	3.7
= OR >3500	3.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5
= OR >2000	13.4	15.7	15.7	15.7	15.7	15.7	15.7	15.7
= OR >1000	24.0	31.6	32.1	32.2	32.3	32.3	32.3	32.3
= OR >600	25.3	33.0	33.9	34.1	34.1	34.1	34.1	34.1
= OR >300	25.3	33.2	34.3	34.4	34.5	34.5	34.5	34.5
= OR >150	25.3	33.2	34.3	34.5	34.5	34.5	34.5	34.5
= OR >0	25.3	33.2	34.3	34.5	34.5	34.5	34.5	34.5
TOTAL	1630	2134	2205	2216	2219	2221	2221	2221

TOTAL NUMBER OF OBS: 6431

PCT FREQ NM <5/0: 65.5

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	9	TOTAL
9.0	13.2	26.3	10.4	6.6	7.9	10.4	3.6	12.6	5	6445
										003

PERIOD: (PRIMARY) 1966-1971
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AREA 0001, TONKIN GULF
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TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSQY (MM)	M	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	#	#	#	#	#	#	#	#	#	#	#	#
NO PCP	#	#	#	#	#	#	#	#	#	#	#	#
TOT #	#	#	#	#	#	#	#	#	#	#	#	#
1/2<1	#	#	#	#	#	#	#	#	#	#	#	#
PCP	#	#	#	#	#	#	#	#	#	#	#	#
NO PCP	#	#	#	#	#	#	#	#	#	#	#	#
TOT #	#	#	#	#	#	#	#	#	#	#	#	#
1<2	#	#	#	#	#	#	#	#	#	#	#	#
PCP	#	#	#	#	#	#	#	#	#	#	#	#
NO PCP	#	#	#	#	#	#	#	#	#	#	#	#
TOT #	#	#	#	#	#	#	#	#	#	#	#	#
2<5	#	#	#	#	#	#	#	#	#	#	#	#
PCP	#	#	#	#	#	#	#	#	#	#	#	#
NO PCP	#	#	#	#	#	#	#	#	#	#	#	#
TOT #	#	#	#	#	#	#	#	#	#	#	#	#
5<10	#	#	#	#	#	#	#	#	#	#	#	#
PCP	#	#	#	#	#	#	#	#	#	#	#	#
NO PCP	#	#	#	#	#	#	#	#	#	#	#	#
TOT #	#	#	#	#	#	#	#	#	#	#	#	#
10+	#	#	#	#	#	#	#	#	#	#	#	#
PCP	#	#	#	#	#	#	#	#	#	#	#	#
NO PCP	#	#	#	#	#	#	#	#	#	#	#	#
TOT #	#	#	#	#	#	#	#	#	#	#	#	#
TOT OBS	6922											
TOT PCT	19.0	33.3	17.7	14.3	5.6	1.7	1.7	4.3	.0	1.6	100.0	

PERIOD: (PRIMARY) 1966-1971
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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET.MH > 4/8) AND
OCCURRENCE OF MH (5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	MH (5/8 ANY MGT	TOTAL 885
00403	.1	.0	.5	2.1	18.9	12.9	1.0	1.3	1.3	1.6	39.8	60.2	1637
06409	.0	.0	.4	1.0	16.2	11.7	.7	.8	.9	1.3	33.8	66.2	1631
12415	.0	.1	.2	1.5	15.5	7.8	.8	1.1	.6	1.7	29.3	70.7	1572
18421	.0	.0	.2	2.0	15.4	12.4	.8	1.1	1.2	1.7	34.8	55.2	1601
TOT	1	1	23	120	1054	723	54	69	64	102	2221	4220	6441
PCT	#	#	.4	1.9	16.5	11.2	.8	1.1	1.0	1.6	34.5	65.5	100.0

TABLE 11

PERCENT FREQUENCY VS8Y (MM) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL 885
00403	.1	.1	.2	1.6	13.2	84.8	1637
06409	.1	.1	.1	1.2	13.1	85.4	1627
12415	.1	.0	.3	1.1	15.4	83.2	1569
18421	.0	.0	.1	1.5	16.6	81.9	1600
TOT	3	3	11	87	935	5394	6433
PCT	#	#	.2	1.4	14.5	83.8	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VS8Y (MM) AND/OR
CEILING MGT (FEET.MH > 4/8) BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	MH (5/8 AND 5+ 885	TOTAL 885
00403	.1	.7	3.7	36.4	59.9	1637
06409	.0	.6	3.2	31.1	65.7	1627
12415	.1	.4	2.8	26.8	70.4	1569
18421	.0	.3	3.3	31.8	65.0	1600
TOT	3	31	208	2030	4195	6433
PCT	#	.5	3.2	31.6	65.2	100.0

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PERIOD: (PRIMARY) 1965-1971
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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP								TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		
90/94	.0	.0	.0	.0	.2	.2	.1	.0	35	.5
85/89	.0	.0	.0	.5	1.0	2.1	1.1	.0	308	4.8
80/84	.0	.0	.1	1.2	9.1	23.6	19.6	4.1	2747	58.0
75/79	.0	.0	.2	1.2	5.2	12.7	9.1	4.7	2143	33.1
70/74	.0	.0	.0	.0	.1	.9	1.5	1.0	229	3.5
65/69	.0	.0	.0	.0	.0	.0	.0	.0	3	.0
TOTAL	.0	.0	.21	190	1016	2529	2044	635	6465	100.0
PCT	.0	.0	.3	2.9	15.7	39.6	31.6	9.8		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	NW	VAR	CALM	
.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0
.6	.9	.8	1.2	.8	.1	.1	.1	.0	.0	.0
8.2	16.1	12.0	11.4	4.1	.9	.6	1.9	.0	.8	.0
9.6	13.2	4.0	2.0	.6	.5	.8	2.0	.0	.5	.0
1.8	1.2	.1	.0	.0	.0	.1	.3	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20.2	33.5	17.1	14.7	5.5	1.6	1.6	4.3	.0	1.5	.0

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS	
00403	93	86	84	80	74	71	67	80.0	1729	885
06409	94	91	88	82	75	72	70	81.5	1731	1622
12415	89	85	83	80	75	72	66	79.9	1744	1600
18421	88	83	80	75	72	72	66	79.3	1772	1614
TOT	94	88	85	80	75	72	66	80.2	6976	6475

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00403	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
06409	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12415	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18421	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	65	69	73	77	81	85	89	93	TOT	M	W	MO FOG
11/13	.0	.0	.0	.0	.2	.1	.1	.1	25	.0	.0	.4
9/10	.0	.0	.0	.0	.5	.2	.1	.1	42	.0	.0	.6
7/8	.0	.0	.0	.2	.2	.2	.3	.0	61	.0	.0	.9
5	.0	.0	.0	.0	.0	.1	.1	.0	21	.0	.0	.3
4	.0	.0	.0	.0	.0	.1	.4	.0	45	.0	.0	.7
3	.0	.0	.0	.1	.5	.5	.1	.0	90	.0	.0	1.3
2	.0	.0	.0	.1	.7	.6	.1	.0	100	.0	.0	1.5
1	.0	.0	.1	.3	2.0	.6	.0	.0	217	.0	.0	3.2
0	.0	.0	.2	2.2	5.8	.4	.0	.0	283	.0	.0	4.1
-1	.0	.0	.0	.3	7.4	.5	.0	.0	552	.0	.0	8.6
-2	.0	.0	.0	.3	7.2	7.7	.1	.0	782	.0	.0	11.4
-3	.0	.0	.0	.3	8.2	7.4	.1	.0	1055	.0	.0	15.3
-4	.0	.1	.3	8.2	2.9	.0	.0	.0	1057	.0	.0	15.9
-5	.0	.1	1.3	5.8	2.4	.0	.0	.0	928	.0	.0	13.5
-6	.0	.0	1.7	2.4	.4	.0	.0	.0	634	.0	.0	8.2
-7/-8	.1	.3	2.5	2.3	.1	.0	.0	.0	376	.0	.0	5.5
-9/-10	.0	.4	.8	.5	.0	.0	.0	.0	357	.0	.0	5.2
-11/-12	.0	.4	.3	.0	.0	.0	.0	.0	119	.0	.0	1.7
-14/-16	.0	.0	.0	.0	.0	.0	.0	.0	49	.0	.0	.7
TOTAL	.1	1.4	8.6	42.7	42.1	4.4	.8	.1	6882	.1	.1	99.9
PCT	.1	1.4	8.6	42.7	42.1	4.4	.8	.1	100.0	.1	.1	99.9

PERIOD: (OVER-ALL) 1963-1971

OCTOBER
TABLE 18

AREA 0001, TONGKIN GULF
18.3N 107.4E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
11	.1	1.1	3.8	.0	.0	.0	1.3	.2	1.5	6.9	.0	.0	.0	1.9
12	.2	3.8	4.3	.0	.0	.0	7.8	.2	4.7	7.8	.0	.0	.0	11.8
13-16	.0	.9	1.2	.5	.0	.0	6.5	.0	1.6	2.8	.0	.0	.0	12.1
17-19	.0	.1	1.2	.5	.0	.0	1.6	.0	.1	2.4	.0	.0	.0	4.3
20-22	.0	.0	.9	.0	.0	.0	1.7	.0	.0	1.5	.0	.0	.0	2.6
23-25	.0	.0	.3	.5	.0	.0	.9	.0	.0	1.1	.0	.0	.0	1.7
26-32	.0	.0	.2	.4	.1	.0	.6	.0	.0	.1	.4	.1	.0	.7
33-40	.0	.0	.0	.2	.1	.0	.3	.0	.0	.0	.1	.1	.0	.1
41-48	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.4	6.0	10.7	3.8	.2	.0	21.0	.4	8.0	18.5	7.8	.2	.0	34.9

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
11	.1	1.2	4.1	.0	.0	.0	1.4	.1	1.6	4.6	.0	.0	.0	1.7
12	.2	3.5	4.1	.0	.0	.0	7.8	.1	3.1	4.6	.0	.0	.0	7.8
13-16	.0	.9	1.6	.5	.0	.0	5.9	.0	.7	3.3	.0	.0	.0	4.4
17-19	.0	.1	1.2	.5	.0	.0	1.1	.0	.0	2.2	.0	.0	.0	.2
20-22	.0	.0	.9	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.1
23-25	.0	.0	.3	.5	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.2	.4	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.2	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	5.7	9.8	.9	.0	.0	16.8	.3	5.4	8.1	.4	.0	.0	14.2

PERIOD (8-68-ALL) 1963-1971
 OCTOBER
 TABLE 10
 AREA 001 TONKIN GULF
 10.3M 107.4C

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
101	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36	1	1	1	1	1	1	1	1	1	1	1	1	1	1
37	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	1	1	1	1	1	1	1	1	1	1	1	1	1	1
43	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44	1	1	1	1	1	1	1	1	1	1	1	1	1	1
45	1	1	1	1	1	1	1	1	1	1	1	1	1	1
46	1	1	1	1	1	1	1	1	1	1	1	1	1	1
47	1	1	1	1	1	1	1	1	1	1	1	1	1	1
48	1	1	1	1	1	1	1	1	1	1	1	1	1	1
49	1	1	1	1	1	1	1	1	1	1	1	1	1	1
50	1	1	1	1	1	1	1	1	1	1	1	1	1	1
51	1	1	1	1	1	1	1	1	1	1	1	1	1	1
52	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54	1	1	1	1	1	1	1	1	1	1	1	1	1	1
55	1	1	1	1	1	1	1	1	1	1	1	1	1	1
56	1	1	1	1	1	1	1	1	1	1	1	1	1	1
57	1	1	1	1	1	1	1	1	1	1	1	1	1	1
58	1	1	1	1	1	1	1	1	1	1	1	1	1	1
59	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60	1	1	1	1	1	1	1	1	1	1	1	1	1	1
61	1	1	1	1	1	1	1	1	1	1	1	1	1	1
62	1	1	1	1	1	1	1	1	1	1	1	1	1	1
63	1	1	1	1	1	1	1	1	1	1	1	1	1	1
64	1	1	1	1	1	1	1	1	1	1	1	1	1	1
65	1	1	1	1	1	1	1	1	1	1	1	1	1	1
66	1	1	1	1	1	1	1	1	1	1	1	1	1	1
67	1	1	1	1	1	1	1	1	1	1	1	1	1	1
68	1	1	1	1	1	1	1	1	1	1	1	1	1	1
69	1	1	1	1	1	1	1	1	1	1	1	1	1	1
70	1	1	1	1	1	1	1	1	1	1	1	1	1	1
71	1	1	1	1	1	1	1	1	1	1	1	1	1	1
72	1	1	1	1	1	1	1	1	1	1	1	1	1	1
73	1	1	1	1	1	1	1	1	1	1	1	1	1	1
74	1	1	1	1	1	1	1	1	1	1	1	1	1	1
75	1	1	1	1	1	1	1	1	1	1	1	1	1	1
76	1	1	1	1	1	1	1	1	1	1	1	1	1	1
77	1	1	1	1	1	1	1	1	1	1	1	1	1	1
78	1	1	1	1	1	1	1	1	1	1	1	1	1	1
79	1	1	1	1	1	1	1	1	1	1	1	1	1	1
80	1	1	1	1	1	1	1	1	1	1	1	1	1	1
81	1	1	1	1	1	1	1	1	1	1	1	1	1	1
82	1	1	1	1	1	1	1	1	1	1	1	1	1	1
83	1	1	1	1	1	1	1	1	1	1	1	1	1	1
84	1	1	1	1	1	1	1	1	1	1	1	1	1	1
85	1	1	1	1	1	1	1	1	1	1	1	1	1	1
86	1	1	1	1	1	1	1	1	1	1	1	1	1	1
87	1	1	1	1	1	1	1	1	1	1	1	1	1	1
88	1	1	1	1	1	1	1	1	1	1	1	1	1	1
89	1	1	1	1	1	1	1	1	1	1	1	1	1	1
90	1	1	1	1	1	1	1	1	1	1	1	1	1	1
91	1	1	1	1	1	1	1	1	1	1	1	1	1	1
92	1	1	1	1	1	1	1	1	1	1	1	1	1	1
93	1	1	1	1	1	1	1	1	1	1	1	1	1	1
94	1	1	1	1	1	1	1	1	1	1	1	1	1	1
95	1	1	1	1	1	1	1	1	1	1	1	1	1	1
96	1	1	1	1	1	1	1	1	1	1	1	1	1	1
97	1	1	1	1	1	1	1	1	1	1	1	1	1	1
98	1	1	1	1	1	1	1	1	1	1	1	1	1	1
99	1	1	1	1	1	1	1	1	1	1	1	1	1	1
100	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERIOD: (OVER-ALL) 1963-1971

OCTOBER

AREA 0001 TOMLIN GULF
18.3M 107.4E

TABLE 18 (CONT)

WGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
1-2	2.0	7.6	.4	.0	.0	.0	10.0	
3-4	1.1	19.0	21.8	.0	.0	.0	41.9	
5-6	.1	4.6	21.4	5.0	.0	.0	31.1	
7	.0	.4	2.8	2.8	.0	.0	7.6	
8-9	.0	.1	2.4	2.4	.0	.0	5.0	
10-11	.0	.0	.7	1.7	.0	.0	2.5	
12	.0	.0	.3	.8	.2	.0	1.3	
13-16	.0	.0	.1	.3	.0	.0	.4	
17-19	.0	.0	.0	.3	.1	.0	.4	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	3.3	31.7	51.4	13.1	.4	.0	100.0	
							4759	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	3.1	29.2	26.3	6.3	4.3	1.5	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3750
6-7	.0	1.3	4.4	2.1	1.8	1.1	1.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	621
8-9	.0	.3	.6	.3	.9	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	166
10-11	.0	.0	.0	.1	.3	.1	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	173
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
INDCT	4.2	4.6	2.3	.4	.1	.2	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	624
TOTAL	383	1854	1781	485	394	169	117	31	30	1	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5246
PCT	7.3	35.3	33.9	9.2	7.5	3.2	2.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0

NOVEMBER

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1959-1971

AREA 0001 TONKIN GULF
10.3M 107.5E

TABLE 1
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	SNOW	OTHER					PCPN	WZ	HAZE	BLNG	DUST	
N	1.0	.7	.4	.0	.0	.0	.0	2.2		.0						
NE	1.1	.9	.6	.0	.0	.0	.0	2.6								
E	.2	.3	.2	.0	.0	.0	.0	.7								
SE	.1	.2	.1	.0	.0	.0	.0	.3								
S	.1	.1	.1	.0	.0	.0	.0	.1								
SW	.1	.1	.1	.0	.0	.0	.0	.1								
W	.1	.1	.1	.0	.0	.0	.0	.1								
NW	.1	.1	.1	.0	.0	.0	.0	.1								
VAR	.0	.0	.0	.0	.0	.0	.0	.3								
CALM	.0	.0	.0	.0	.0	.0	.0	.0								
TOT OBS	152	135	79	0	0	0	0		363							
TOT PCT	2.7	2.4	1.4	.0	.0	.0	.0	6.4		.1	.2	.2	.9	.1	.1	90.3

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	SNOW	OTHER					PCPN	WZ	HAZE	BLNG	DUST	
0000	3.3	3.1	1.9	.0	.0	.0	.0	7.2		.0						
0600	2.5	1.5	1.5	.0	.0	.0	.0	5.5		.0						
1215	1.9	1.9	1.1	.0	.0	.0	.0	4.9		.0						
1821	3.0	3.2	2.0	.0	.0	.0	.0	7.1		.4						
TOT	152	135	79	0	0	0	0		363							
PCT	2.7	2.4	1.4	.0	.0	.0	.0	6.4		.1	.2	.2	.9	.1	.1	90.3

NOVEMBER

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1959-1971

AREA 0001 TEMKIN GULF
18.3N 107.5E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)					
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	09	12	15	21
N	.5	7.3	12.4	3.9	.4	.0	24.5	14.9	21.4	21.3	25.2	29.6	26.5	26.5	22.0	26.3
NE	.5	9.5	19.3	6.4	.9	.0	38.5	16.3	39.7	44.9	38.3	36.2	39.0	37.6	37.3	34.8
E	.5	6.2	10.8	1.5	.0	.0	19.1	13.0	19.4	18.8	18.9	16.6	19.6	17.4	19.5	20.9
SE	.3	3.2	4.4	.2	.0	.0	8.2	11.5	8.9	6.3	7.5	8.2	7.1	8.0	9.8	8.0
S	.2	1.1	.6	.0	.0	.0	1.9	8.3	2.2	1.5	1.5	1.3	1.6	2.8	2.4	1.5
SW	.2	.8	.1	.0	.0	.0	1.1	7.1	1.2	.3	1.4	.9	1.0	.6	1.5	1.2
W	.3	1.0	.4	.0	.0	.0	1.7	7.7	2.0	1.4	1.6	1.2	1.3	1.0	2.4	1.4
NW	.4	2.6	1.3	.2	.0	.0	4.5	9.8	4.4	4.9	5.3	5.0	3.3	4.5	4.3	5.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.7	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	200	1846	2866	822	77	0	5811	14.1	98.0	455	1025	457	994	442	1006	452
TOT PCT	3.4	31.8	49.3	14.1	1.3	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	21
N	2.5	12.9	7.4	1.6	.0	24.5	14.9	21.4	21.4	26.5	26.5	23.4	23.4	23.4	23.4
NE	3.2	18.4	13.2	3.7	.0	38.5	16.3	41.3	41.3	37.8	38.5	38.5	38.5	38.5	38.5
E	2.4	11.8	4.7	.2	.0	19.1	13.0	19.2	19.2	19.1	19.0	20.0	20.0	20.0	20.0
SE	1.4	5.5	1.3	.0	.0	8.2	11.5	8.1	8.1	7.7	7.6	8.2	8.2	8.2	8.2
S	.8	1.0	.1	.0	.0	1.9	7.3	2.0	2.0	1.5	1.9	2.1	2.1	2.1	2.1
SW	.6	.5	.0	.0	.0	1.1	7.1	1.2	1.2	1.5	1.2	1.4	1.4	1.4	1.4
W	.7	.9	.0	.0	.0	1.7	7.7	1.8	1.8	1.5	1.2	2.1	2.1	2.1	2.1
NW	1.4	2.6	.4	.1	.0	4.5	9.8	4.6	4.6	5.2	3.7	4.5	4.5	4.5	4.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.7	.0	.0	.0	.0	.7	.0	.7	.7	.6	.7	.8	.8	.8	.8
TOT OBS	709	3119	1579	320	.1	5811	14.1	14.1	1435	1482	1436	1458	1458	1458	1458
TOT PCT	13.6	53.7	27.2	5.5	.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1966-1971
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NOVEMBER

AREA 0001 TORLIN GULF
18.3M 107.5E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT
0000	.7	2.1	27.0	50.9	17.4	1.2	.0	14.8	100.0
0600	.6	2.3	33.7	49.9	11.9	1.5	.0	13.9	100.0
1200	.7	3.0	33.3	48.5	13.0	1.5	.0	13.9	100.0
1800	.8	3.6	32.2	47.8	14.3	1.2	.0	13.9	100.0
TOT	4.1	15.9	184.6	286.6	82.2	7.7	.0	14.1	100.0
PCT	.7	2.7	31.0	49.3	14.1	1.3	.0	14.1	100.0

TOTAL
805

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & 0800	TOTAL 805	MEAN CLOUD COVER
N	5.9	3.2	7.9	8.1	25.1	5.2
NE	9.6	4.3	11.3	12.8	38.0	5.2
E	5.9	3.0	7.4	2.5	18.8	4.4
SE	2.9	1.8	2.8	.8	7.3	4.1
S	.9	.3	.4	.4	2.0	3.9
SW	.4	.2	.3	.3	1.2	4.5
W	1.4	.5	1.8	1.2	4.9	5.0
NW	.4	.7	1.6	1.0	4.7	4.9
VAR	.0	.0	.0	.0	.0	.0
CALM	.2	.2	.2	.1	.7	4.9
TOT 805	14.6	7.7	17.3	13.9	53.5	
TOT PCT	27.3	13.9	32.6	26.2	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH 340)
AND OCCURRENCE OF MH 5/8 BY WIND DIRECTION

WIND DIR	000	150	300	600	1000	2000	3500	5000	6500	8000+	NH 5/8	TOTAL
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT 805	2	4	51	144	1165	688	64	47	61	68	3011	5305
TOT PCT	.1	.1	1.0	2.7	22.0	13.0	1.2	.9	1.1	1.3	56.6	100.0

PCR:00: (PRIMARY) 1966-1971
(COVER-ALL) 1959-1971

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AREA 0001, TONKIN GULF
18.3N 107.5E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MH > 4/8) AND VSBY (NM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	= OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	2.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
= OR >5000	2.7	3.3	3.3	3.3	3.3	3.3	3.3	3.3
= OR >3500	3.7	4.5	4.5	4.5	4.5	4.5	4.5	4.5
= OR >2000	12.9	17.3	17.4	17.5	17.5	17.5	17.5	17.5
= OR >1000	25.8	38.3	39.2	39.4	39.5	39.5	39.5	39.5
= OR >600	26.8	40.6	41.8	42.1	42.2	42.2	42.2	42.2
= OR >300	27.0	41.3	42.7	43.1	43.1	43.1	43.1	43.1
= OR >150	27.1	41.4	42.7	43.1	43.2	43.2	43.2	43.2
= OR >0	27.1	41.4	42.7	43.1	43.2	43.2	43.2	43.2
TOTAL	1437	2195	2267	2289	2293	2293	2295	2295

TOTAL NUMBER OF OBS: 5305

PCT FREQ MH <5/8: 56.7

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	9	TOTAL OBS
	9.6	10.6	21.5	9.0	6.1	7.7	11.8	5.4	18.3	.1	5312

PERIOD: (PRIMARY) 1966-1971
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AREA 0001 TONKIN GULF
10.3N 107.5E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSDY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	1	1	0	0	0	0	0	0	0	0	0	1
M8 PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT M	1	1	0	0	0	0	0	0	0	0	0	1
PCP	1	1	0	0	0	0	0	1	0	0	0	1
M8 PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT M	1	1	0	0	0	0	0	1	0	0	0	1
PCP	2	1	1	1	0	0	0	0	0	0	0	4
M8 PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT M	2	2	1	1	0	0	0	0	0	0	0	4
PCP	5	6	2	1	1	1	0	1	0	0	0	13
M8 PCP	1	2	1	1	1	0	0	0	0	0	0	4
TOT M	6	7	2	2	2	1	0	1	0	0	0	17
PCP	1	1	1	1	1	1	1	2	1	0	0	3
M8 PCP	4	7	2	7	2	2	3	7	1	0	0	17
TOT M	5	8	3	8	3	3	4	9	1	0	0	20
PCP	4	4	2	1	1	1	1	1	0	0	0	13
M8 PCP	17	28	15	7	1	8	1	3	0	0	0	76
TOT M	21	32	17	8	2	9	2	4	0	0	0	77
TOT OBS	24	30	18	8	1	1	1	4	0	0	0	56
TOT PCT	24.8	30.1	18.9	8.1	1.9	1.1	1.7	4.6	0	0	0	100.0

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1859-1971

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AREA 0001 TONKIN GULF
10.3M 107.5E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSRY (NM)	SPO KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2/5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5/10	0-3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
	4-10	1.0	1.2	1.1	.4	.2	.1	.2	.5	.0	.0	.1	.8
	11-21	2.6	4.1	1.5	.4	.1	.1	.1	.2	.0	.0	.0	4.7
	22+	2.1	3.5	.3	.1	.0	.1	.0	.1	.0	.0	.0	5.0
	TOT X	5.7	9.0	3.1	.9	.3	.3	.3	.9	.0	.1	20.6	6.1
10+	0-3	.4	.3	.3	.2	.1	.1	.2	.3	.0	.6	.5	1.5
	4-10	6.3	3.0	4.9	2.7	.9	.7	.8	2.1	.0	.0	.0	26.4
	11-21	9.4	14.7	9.1	4.0	.5	.1	.3	1.1	.0	.0	.0	39.2
	22+	2.0	5.1	1.1	.2	.1	.0	.0	.1	.0	.0	.0	8.5
	TOT X	18.1	28.1	15.5	7.2	1.5	.8	1.3	3.6	.0	.6	76.6	57.26
TOT OBS		24.6	38.4	19.0	8.1	1.9	1.1	1.7	4.5	.0	.7	100.0	

PERIOD: (PRIMARY) 1966-1971
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AREA 0001 TONKIN GULF
18.3N 107.5E

TABLE 10
PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NM >4/8) AND
OCCURRENCE OF NM <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	8000+	TOTAL	NM <5/8 ANY HGT	TOTAL OBS
00403	.1	.0	1.3	3.3	24.3	12.5	2.1	.9	1.0	47.0	53.0	1344
06409	.1	.1	.9	3.4	21.8	12.0	1.0	1.0	1.1	42.3	57.7	1358
12415	.0	.1	.5	2.4	19.9	12.9	.8	.9	1.6	40.4	59.6	1290
18421	.0	.1	.7	1.7	21.7	14.5	1.0	.8	.9	43.1	56.9	1315
TOT	2	4	51	144	1166	688	54	47	61	2295	3012	5307
PCT	.1	.1	1.0	2.7	22.0	13.0	1.2	.9	1.1	43.2	56.8	100.0

TABLE 11

PERCENT FREQUENCY VSOY (NM) BY HOUR

HOUR (GMT)	1/2	1/241	1/2	2/3	5/10	10+	TOTAL OBS
00403	.0	.2	.8	2.2	18.8	78.0	1347
06409	.1	.1	.4	1.3	16.4	81.7	1358
12415	.0	.0	.2	1.2	22.3	76.2	1289
18421	.1	.1	.2	1.3	22.5	75.8	1316
TOT	2	5	20	80	1060	4140	5310
PCT	.1	.1	.4	1.5	20.0	78.0	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSOY (NM) AND/OR
CEILING HGT (FEET, NM >4/8) BY HOUR

HOUR (GMT)	<150 (5070)	<600 (1	<1000 (5	1000+ AND5+	NM <5/8 AND 5+	TOTAL OBS
00403	.4	2.3	7.2	40.1	52.7	1347
06409	.1	1.2	5.5	36.8	57.7	1358
12415	.0	.5	4.3	36.4	59.3	1289
18421	.1	.9	3.5	39.7	56.8	1316
TOT	7	66	273	2032	3005	5310
PCT	.1	1.2	5.1	38.3	56.6	100.0

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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
90/94	.0	.0	.0	.0	.0	.0	.0	.0	1	.1
85/89	.0	.0	.0	.2	.2	.4	.2	.0	55	1.0
80/84	.0	.0	.0	1.4	3.5	6.8	5.0	.0	948	17.6
75/79	.0	.0	.0	1.4	2.2	7.6	20.4	6.1	3459	50.8
70/74	.0	.0	.0	.9	2.0	4.3	5.5	1.2	1046	19.5
65/69	.0	.0	.0	.0	.3	.5	.7	.9	158	2.9
60/64	.0	.0	.0	.0	.0	.0	.1	.1	8	.1
TOTAL	.0	2	75	320	779	1831	1709	651	5375	100.0
PCT	.0	1.4	6.1	14.5	34.1	31.6	12.1			

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
90/94	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85/89	.2	.3	.3	.1	.0	.0	.0	.1	.0	.0
80/84	13.6	4.4	5.0	3.8	.2	.2	.2	.8	.0	.1
75/79	7.7	22.0	12.4	4.2	1.2	.8	1.2	2.9	.0	.5
70/74	1.0	9.2	1.2	.2	.1	.1	.2	.7	.0	.1
65/69	.1	1.8	.1	.0	.0	.0	.0	.1	.0	.0
60/64	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	24.9	37.8	19.0	8.3	1.9	1.1	1.7	4.6	.0	.7

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEC 1) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
0003	89	83	77	70	66	66	63	76.5	1431
0609	90	87	84	78	71	67	61	77.6	1473
1215	87	82	80	77	70	66	61	76.2	1434
1821	84	81	80	76	70	66	63	75.8	1454
TOT	90	84	82	77	70	66	61	76.6	5792

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
0003	.0	8.2	14.1	33.0	31.3	13.4	7.7	13.5	77	135
0609	.0	10.7	19.5	36.4	25.7	7.6	7.4	13.5	74	135
1215	.0	6.3	12.2	35.3	34.7	11.5	7.8	13.7	78	1327
1821	.0	4.9	12.0	31.4	35.6	16.1	7.9	13.9	79	1349
TOT	0	405	779	1831	1710	651	77	5378		

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AREA 0001 TAMKIN GULF
18.3M 107.5C

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEC F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEC F)

AIR-SEA TMP DIF	61	65	69	73	77	81	85	89	TOT	M	W8
	64	68	72	76	80	84	88	92	F80	F80	F80
11/13	.0	.0	.0	.0	.0	.0	.0	.0	3	.0	.1
9/10	.0	.0	.0	.0	.0	.0	.0	.0	6	.0	.1
7/8	.0	.0	.0	.0	.0	.0	.0	.0	22	.0	.4
6	.0	.0	.0	.0	.0	.0	.0	.0	13	.0	.2
5	.0	.0	.0	.0	.0	.0	.0	.0	35	.0	.6
4	.0	.0	.0	.0	.0	.0	.0	.0	34	.0	.6
3	.0	.0	.0	.0	.0	.0	.0	.0	75	.0	1.3
2	.0	.0	.0	.0	.0	.0	.0	.0	123	.0	2.3
1	.0	.0	.0	.0	.0	.0	.0	.0	179	.0	3.2
0	.0	.0	.0	.0	.0	.0	.0	.0	380	.0	6.9
-1	.0	.0	.0	.0	.0	.0	.0	.0	481	.0	8.6
-2	.0	.0	.0	.0	.0	.0	.0	.0	659	.0	11.7
-3	.0	.0	.0	.0	.0	.0	.0	.0	795	.0	14.1
-4	.0	.0	.0	.0	.0	.0	.0	.0	765	.0	13.6
-5	.0	.0	.0	.0	.0	.0	.0	.0	663	.0	11.7
-6	.0	.0	.0	.0	.0	.0	.0	.0	428	.0	7.6
-7/-8	.0	.0	.0	.0	.0	.0	.0	.0	519	.0	9.2
-9/-10	.0	.0	.0	.0	.0	.0	.0	.0	257	.0	4.6
-11/-13	.1	.4	1.8	.4	.0	.0	.0	.0	149	.0	2.7
-14/-16	.0	.0	.0	.0	.0	.0	.0	.0	20	.0	.4
-17/-19	.0	.0	.0	.0	.0	.0	.0	.0	2	.0	.0
TOTAL	.2	1.8	9.4	32.4	46.5	8.7	.9	.1	5821	.2	99.8
PCT									100.0		

AREA 0001 TENKIN GULF
18.3N 107.5E

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TABLE 10

AREA 0001 TONKIN GULF
18.3N 107.5E

18-3M 107-53

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

[illegible]

NGT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
11	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
13	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
14	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
17	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
18	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
19	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
20	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
21	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
22	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
23	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
25	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
26	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
27	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62																																						

PERIOD: (OVER-ALL) 1963-1971

NOVEMBER
TABLE 10

AREA 0001 TANKIN GULF
18.3N 107.5E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

WGT 41 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	S					SM					48+					PCT					
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
41	.1	.4	.0	.0	.0	.0	.5	.1	.3	.1	.0	.0	.0	.3	.1	.3	.1	.0	.0	.0	.3
1-2	.1	.4	.0	.0	.0	.0	.5	.1	.3	.1	.0	.0	.0	.3	.1	.3	.1	.0	.0	.0	.3
3-4	.0	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.1	.9	.4	.0	.0	.0	1.5	.1	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

WGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
41	.1	.4	.0	.0	.0	.0	.5	.1	.3	.1	.0	.0	.0	.3	.1	.3	.1	.0	.0	.0	.3
1-2	.1	.4	.0	.0	.0	.0	.5	.1	.3	.1	.0	.0	.0	.3	.1	.3	.1	.0	.0	.0	.3
3-4	.0	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	1.0	.4	.0	.0	.0	1.6	.3	2.6	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4

AREA 000: YONKIN GULF
18.3N 107.5E

WIND SPEED (KTS) VS SEA HEIGHT (FT)

HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	197	1985
11	1.3	16.9	2	0	0	0	6.4	107	
12	1.0	16.7	18.5	0	0	0	26.1		605
14	2	4	23.5	4.4	0	0	35.0		
56	0.0	5	3	3.1	2	0	0		
7	0.0	3	3.2	3	2	0	7.2		
89	0.0	1	2.0	2.6	5	0	4.1		
101	0.0	4	4	5	4	0	1.7		
12	0.0	2	2	5	2	0	1.0		
13	0.0	1	1	1	1	0	4		
17	0.0	0	0	2	0	0	1		
22	0.0	0	0	0	0	0	0		
23	0.0	0	0	0	0	0	0		
23	0.0	0	0	0	0	0	0		
33	0.0	0	0	0	0	0	0		
41	0.0	0	0	0	0	0	0		
48	0.0	0	0	0	0	0	0		
49	0.0	0	0	0	0	0	0		
56	0.0	0	0	0	0	0	0		
61	0.0	0	0	0	0	0	0		
70	0.0	0	0	0	0	0	0		
71	0.0	0	0	0	0	0	0		
86	0	0	0	0	0	0	0		
87+	0	0	0	0	0	0	0		
197 PCT	2.4	29.3	51.3	15.3	1.7	0	100.0	1992	

1495

TABLE 19

[illegible]

DECEMBER

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1976-1971

AREA 0001 TONKIN GULF
18.3N 107.6E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHR	RAIN SHR	ORZL PCPN	PRECIPITATION TYPE			MAIL PCPN	PCT FREQ PCPN AT 08 TIME	TOTAL PCPN 08S	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL 08S
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FGG PCPN	SMOKE W8	DUST BLWG	HAZE BLWG	
M	2.3	1.1	7	0	0	0	0	3.6	0	0	3	6	0	0	16.5
NE	2.4	1.1	7	0	0	0	0	4.2	0	0	0	9	0	0	26.0
E	3	3	1	0	0	0	0	4.7	0	0	0	2	0	0	16.1
SE	1	3	0	0	0	0	0	4	0	0	1	1	0	0	16.4
S	1	0	0	0	0	0	0	1	0	0	0	1	0	0	4.1
SW	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1.1
W	1	0	0	0	0	0	0	2	0	0	0	0	0	0	1.4
NW	3	1	0	0	0	0	0	6	0	0	0	1	0	0	3.3
VAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOT 08S	384	171	123	0	0	0	0	0	675	1	78	147	0	0	5057
TOT PCT	5.7	2.5	1.0	0	0	0	0	10.0	0	0	1.2	2.2	0	0	86.6

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHR	RAIN SHR	ORZL PCPN	PRECIPITATION TYPE			MAIL PCPN	PCT FREQ PCPN AT 08 TIME	TOTAL PCPN 08S	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL 08S
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FGG PCPN	SMOKE W8	DUST BLWG	HAZE BLWG	
0000Z	6.3	2.9	1.7	0	0	0	0	10.9	0	0	1.4	1.9	0	0	85.8
0600Z	4.9	2.3	1.5	0	0	0	0	8.7	0	0	1.4	3.1	0	0	86.7
1200Z	4.3	1.7	1.9	0	0	0	0	7.8	0	0	1.4	2.1	0	0	88.7
1800Z	7.2	3.1	2.3	0	0	0	0	12.6	0	0	5	1.6	0	0	85.3
TOT	304	171	123	0	0	0	0	0	675	1	78	147	0	0	5058
PCT	5.7	2.5	1.0	0	0	0	0	10.0	0	0	1.2	2.2	0	0	86.6

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1976-1971

DECEMBER

AREA 0001 TENKIN GULF
18.3M 107.8E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				MEAN	PCT
				11-21	22-33	34-47	48+		
0000	.6	2.2	33.6	46.5	16.0	1.2	.0	14.3	100.0
0600	.9	2.0	36.1	46.3	13.3	.7	.0	13.5	100.0
1200	.6	2.6	35.0	47.2	13.5	1.0	.0	13.8	100.0
1800	1.6	2.9	34.0	46.5	13.4	.9	.0	13.5	100.0
TOT	64	180	2407	3215	970	65	.0	13.6	6901
PCT	.9	2.6	34.9	46.6	14.1	.9	.0	100.0	

TOTAL
OBS

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100	TOTAL	OBS	MEAN
N	2.0	1.2	4.0	13.1	6.7	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
NE	3.2	2.3	0.0	17.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
E	3.7	3.2	6.5	3.6	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
SE	6.5	3.7	5.6	1.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
S	1.8	.9	1.4	.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
SW	.4	.2	.4	.3	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
W	.2	.2	.5	.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
NW	.4	.3	1.0	2.0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	1200	783	1865	2581	6449	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
TOT OBS	1200	783	1865	2581	6449	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
TOT PCT	10.6	12.1	29.2	40.0	100.0	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH > 478)
AND OCCURRENCE OF MH < 478 BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100	TOTAL	OBS	MEAN
N	2.0	1.2	4.0	13.1	6.7	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
NE	3.2	2.3	0.0	17.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
E	3.7	3.2	6.5	3.6	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
SE	6.5	3.7	5.6	1.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
S	1.8	.9	1.4	.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
SW	.4	.2	.4	.3	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
W	.2	.2	.5	.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
NW	.4	.3	1.0	2.0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	1200	783	1865	2581	6449	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
TOT OBS	1200	783	1865	2581	6449	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
TOT PCT	10.6	12.1	29.2	40.0	100.0	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6

PERIOD: (PRIMARY) 1966-1971
(SEVER-ALL) 1976-1971

DECEMBER

AREA 0001 TONKIN GULF
19.3N 107.6E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MH > 470) AND VSBY (NM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	= OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	1.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6
= OR > 5000	2.1	2.8	2.8	2.8	2.8	2.8	2.8	2.8
= OR > 3200	3.3	4.4	4.5	4.5	4.5	4.5	4.5	4.5
= OR > 2000	13.1	19.5	19.8	19.8	19.8	19.8	19.8	19.8
= OR > 1000	29.1	47.0	48.6	48.8	48.8	48.8	48.8	48.8
= OR > 600	31.2	52.3	55.1	55.6	55.7	55.7	55.7	55.7
= OR > 300	31.6	53.6	57.1	57.9	58.1	58.1	58.1	58.1
= OR > 150	31.6	53.7	57.2	58.1	58.2	58.2	58.2	58.2
= OR > 0	32.0	54.3	57.9	58.7	58.9	58.9	58.9	58.9
TOTAL	2064	3505	3731	3788	3796	3796	3797	3799

TOTAL NUMBER OF OBS: 6449

PCT FREQ MH < 570: 41.1

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	9	TOTAL OBS
4.7	6.4	17.2	7.6	5.1	6.0	11.2	7.1	33.1	.7	6511	

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1976-1971

DECEMBER

AREA 0001 TENKIN GULF
10.3N 107.6E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSDY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2	NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2	PCP	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
1/2	NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2	TOT %	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
1/2	PCP	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.7
1/2	NO PCP	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3
1/2	TOT %	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.0
2/5	PCP	1.1	1.2	.1	.0	.0	.1	.2	.0	.0	.0	2.6
2/5	NO PCP	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.9
2/5	TOT %	1.4	1.6	.1	.1	.0	.1	.2	.0	.0	.0	3.7
5/10	PCP	1.7	2.3	.4	.2	.1	.1	.3	.0	.0	.0	5.2
5/10	NO PCP	5.5	9.7	3.2	1.5	.4	.6	1.1	.0	.1	.1	22.7
5/10	TOT %	7.3	12.0	3.6	1.7	.5	.7	1.4	.0	.2	.2	27.9
10+	PCP	.3	.4	.1	.1	.0	.0	.1	.0	.0	.0	1.2
10+	NO PCP	11.5	17.9	13.1	3.7	.7	.9	2.4	.0	.7	.7	66.0
10+	TOT %	11.8	18.3	13.3	3.7	.8	1.0	2.5	.0	.7	.7	67.2
TOT OBS												
TOT PCT	21.0	32.4	17.1	17.0	4.4	1.3	1.7	4.1	.0	.9	100.0	6760

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1976-1971

DECEMBER

AREA 0001, TONKIN GULF
18.3N 107.6E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	SFD	N	NE	E	SE	S	SW	W	WW	VAR	CALM	PCT	TOTAL 885
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0	0
TOT	TOT	0	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0	0
TOT	TOT	0	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0	0
TOT	TOT	0	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0	0
TOT	TOT	0	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0	0
TOT	TOT	0	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0	0
TOT	TOT	0	0	0	0	0	0	0	0	0	0	0	0
TOT 885	TOT 885	20.9	32.7	17.3	16.8	4.4	1.3	1.7	4.0	0	0	0	6070
TOT PCT	TOT PCT	20.9	32.7	17.3	16.8	4.4	1.3	1.7	4.0	0	0	0	6070

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1976-1971

DECEMBER

AREA 0001 TONKIN GULF
18.3N 107.6E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MH >4/8) AND
OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MH <5/8 ANY HGT	TOTAL
00003	.1	.2	3.1	9.0	30.9	16.0	1.5	1.3	.6	.6	63.3	36.7	1656
06409	.1	.2	2.8	7.6	28.9	16.7	1.6	1.4	.6	1.2	60.9	39.1	1629
12415	1.2	.1	1.7	5.8	27.7	13.3	1.2	1.2	1.0	.7	53.9	46.1	1601
18421	1.3	.1	1.9	4.9	28.1	15.3	2.2	1.1	1.0	.7	56.6	43.4	1584
TOT	44	9	154	443	1871	992	105	80	51	51	3800	2670	6470
PCT	.7	.1	2.4	6.8	28.9	15.3	1.6	1.2	.8	.8	58.7	41.3	100.0

TABLE 11

PERCENT FREQUENCY VSBY (MH) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL OBS
00403	.1	.3	1.0	4.4	26.9	67.3	1655
06409	.1	.2	1.6	2.8	25.5	69.7	1626
12415	.0	.1	.6	3.6	29.0	66.7	1596
18421	.0	.1	.5	3.9	30.0	65.5	1576
TOT	3	11	59	238	1796	4346	6453
PCT	.2	.9	3.7	27.8	67.3	100.0	

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (MH) AND/OR
CEILING HGT (FEET-MH >4/8) BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <15	1030+ AND 5+	MH <5/8 AND 5+	TOTAL OBS
00403	.2	3.7	14.7	49.1	36.3	1655
06409	.1	3.3	12.9	48.5	38.8	1626
12415	1.3	3.1	10.8	43.5	45.7	1596
18421	1.3	3.3	10.3	46.7	43.0	1576
TOT	48	217	786	3031	2636	6453
PCT	.7	3.4	12.2	47.0	40.8	100.0

DECEMBER

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1876-1971

AREA 0001 TONGIN GULF
18.3N 107.8E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100			
85/89				.1	.2	.2					35
80/84	.0	.0	.0	.0	.0	1.4	.0	.0			210
75/79	.0	.0	.0	.0	2.6	16.3	11.7	4.8			2345
70/74	.0	.0	.0	.1	5.9	11.2	10.9	7.9			2422
65/69	.0	.0	.4	1.1	2.6	3.7	5.3	4.1			1106
60/64	.0	.0	.0	.3	.8	.9	1.5	1.2			315
55/59	.0	.0	.0	.0	.1	.3	.2	.2			45
50/54	.0	.0	.0	.0	.0	.0	.0	.0			2
TOTAL	1	2	47	248	821	2189	1975	1177			6480
PCT	.7	3.8	13.0	33.8	30.5	18.2					100.0

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
	N	NE	E	SE	S	SW	W	NW	VAR	CALM
85/89	.2	.1	.1	.1	.1	.1	.0	.1	.0	.1
80/84	.2	.4	.7	1.2	.4	.1	.1	.1	.0	.1
75/79	3.1	5.5	9.9	12.5	3.1	.5	.4	.0	.0	.4
70/74	9.5	14.1	5.6	3.5	.7	.5	1.0	2.1	.0	.0
65/69	6.2	8.6	.0	.2	.1	.1	.3	.7	.0	.1
60/64	1.9	2.5	.2	.0	.0	.0	.0	.2	.0	.0
55/59	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0
50/54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	21.2	31.6	17.2	17.5	4.5	1.3	1.8	4.0	.0	1.0

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS	
00403	86	80	78	73	64	59	54	72.4	1740	885
06409	89	86	81	74	63	59	54	73.6	1729	
12415	86	79	78	73	64	59	55	72.3	1706	
18421	86	78	77	73	64	60	55	72.0	1700	
TOT	89	82	79	73	64	59	54	72.6	6875	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00403	.0	4.1	12.8	30.7	30.3	21.1	1.1	.0	80	1842
06409	.1	6.5	17.7	36.9	26.1	12.8	.7	.0	76	1814
12415	.0	4.3	11.7	34.8	31.5	17.7	.9	.0	79	1618
18421	.0	3.4	8.7	32.8	34.0	21.0	.8	.0	81	1607
TOT	1	297	841	2189	1976	1177	79	6481		

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1976-1971

DECEMBER

AREA 0001, TONKIN GULF
18.3N 107.6E

TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

	PCT FREQ OF AIR TEMPERATURE (DEG F)										VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)				TGT	W	W	W
	53	57	61	65	69	73	77	81	85	89	83	87	91	95				
AIR-SEA	53	57	61	65	69	73	77	81	85	89	83	87	91	95	TGT	W	W	W
TMP DIF	56	60	64	68	72	76	80	84	88	92								
14/16	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	1	0	0	0
11/13	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	10	0	0	0
8/10	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	15	0	0	0
5/8	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	34	0	0	0
6	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	22	0	0	0
5	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	35	0	0	0
4	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	58	0	0	0
3	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	99	0	0	0
2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	204	0	0	0
1	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	316	0	0	0
-1	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	483	0	0	0
-2	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	582	0	0	0
-3	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	703	0	0	0
-4	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	651	0	0	0
-5	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	604	0	0	0
-6	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	454	0	0	0
-7/-8	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	654	0	0	0
-9/-10	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	490	0	0	0
-11/-13	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	387	0	0	0
-14/-16	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	139	0	0	0
-17/-19	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	-0	19	0	0	0
TOTAL															6710	0	0	0
PCT	-2	1.0	4.0	12.1	25.7	34.2	19.7	1.6	.6	.6	.6	.6	.6	.6	100.0	1.1	98.9	

PERIOD: (OVER-ALL) 1963-1971

DECEMBER

TABLE 19

AREA 0001, TONKIN GULF
18.3M 107.6E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

WGT	S					SM					48+					PCT			
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21		22-33	34-47	48+
1-3	.3	2.3	1.3	.0	.0	.0	.1	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	2.3	1.3	.0	.0	.0	.1	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9

WGT	M					NW					48+					PCT				
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21		22-33	34-47	48+	PCT
1-3	.1	.5	.2	.0	.0	.0	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.1	.5	.2	.0	.0	.0	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7

PERIOD: (OVER-ALL) 1963-1971

DECEMBER

AREA 0001, TONKIN GULF
10.3N 107.6E

TABLE 18 (CONT)

WIND SPEED (KTS) VS SEA HEIGHT (FT)								TOT OBS
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	2.2	0.5	.2	.0	.0	.0	10.9	
1-2	.0	19.2	10.6	.0	.0	.0	38.6	
3-4	.1	4.4	19.0	4.3	.0	.0	28.7	
5-6	.1	.4	4.4	2.9	.1	.0	7.8	
7	.0	.2	2.0	3.3	.1	.0	6.4	
8-9	.0	.1	.9	2.4	.2	.0	3.5	
10-11	.0	.1	.5	1.6	.2	.0	2.6	
12	.0	.1	.2	.6	.1	.0	1.0	
13-16	.0	.0	.1	.3	.1	.0	.4	
17-19	.0	.0	.1	.1	.0	.0	.1	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	3.1	32.9	47.5	15.6	.6	.0	100.0	4481

PERIOD: (OVER-ALL) 1952-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
<6	2.6	24.2	23.0	6.1	3.7	1.3	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3159	3
6-7	.0	.7	3.4	2.9	2.9	2.7	1.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	731	6
8-9	.1	.1	1.2	1.1	1.5	1.1	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	343	7
10-11	.0	.2	.1	.1	.1	.6	.5	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	87	8
12-13	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	11
14-15	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	12
TOTAL	2.9	4.2	4.2	.7	.7	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	668	3
IMCCT	274	1474	1639	550	445	300	221	63	36	7	1	0	0	0	0	0	0	0	0	0	5010	4
PCT	5.5	29.4	32.7	11.0	8.9	6.0	4.4	1.3	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

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TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	SMWR	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZM PCPN	FRZM PCPN				THDR LTNG	FOG M0 PCPN	SMOKE M0 PCPN	DUST BLNG PCPN	SIG WEA	
N	1.1	.4	7	.0	.0	.0	.0	.0	2.2		.1	.3	.5		11.3	
NE	.9	.5	.5	.0	.0	.0	.0	.0	1.8		.2	.5	.7		15.1	
E	.2	.2	.1	.0	.0	.0	.0	.0	.6		.3	.3	.7		11.3	
SE	.1	.2	.1	.0	.0	.0	.0	.0	.4		.6	.3	1.6		19.3	
S	.1	.1	.1	.0	.0	.0	.0	.0	.2		.7	.2	.4		11.7	
SW	.1	.1	.1	.0	.0	.0	.0	.0	.3		.3	.1	.1		7.4	
W	.2	.1	.1	.0	.0	.0	.0	.0	.3		.1	.1	.1		3.3	
NW	.3	.2	.2	.0	.0	.0	.0	.0	.6		.1	.1	.2		4.2	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0		.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0		.0	
TOT OBS	2501	1454	1357	.0	.0	.0	.0	.0	6.4	5284	2233	1691	3697	28	69920	82813
TOT PCT	3.0	1.8	1.6	.0	.0	.0	.0	.0			2.7	2.0	4.4		84.6	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	SMWR	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZM PCPN	FRZM PCPN				THDR LTNG	FOG M0 PCPN	SMOKE M0 PCPN	DUST BLNG PCPN	SIG WEA	
00403	3.7	2.0	1.7	.0	.0	.0	.0	.0	7.5		.1	2.5	4.5		85.5	
06409	2.7	1.5	1.4	.0	.0	.0	.0	.0	5.5		.0	2.0	5.7		86.7	
12415	2.4	1.3	1.4	.0	.0	.0	.0	.0	5.0		4.8	1.8	4.3		84.2	
18421	3.4	2.3	2.0	.0	.0	.0	.0	.0	7.6		5.7	1.7	3.0		82.1	
TOT	2502	1454	1358	.0	.0	.0	.0	.0	6.4	5286	2234	1700	3700	28	69962	82870
PCT	3.0	1.8	1.6	.0	.0	.0	.0	.0			2.7	2.0	4.4		84.6	

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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					40+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					15	18	21
	0-3	4-10	11-21	22-33	34-47					00	03	06	09	12			
N	5	4.5	7.0	2.3	1	0	14.4	14.4	13.1	13.1	13.2	15.4	17.7	15.1	14.2	12.9	14.4
NE	5	5.6	8.9	3.4	2	0	18.5	18.5	13.0	18.7	19.6	19.0	18.4	20.0	18.0	16.9	17.1
E	5	5.8	6.4	1.6	0	0	13.2	13.2	11.2	12.2	12.6	12.4	15.3	16.0	13.4	12.6	11.2
SE	6	7.2	13.5	1.1	0	0	22.3	22.3	12.4	19.3	19.9	18.3	23.6	26.4	27.7	23.0	22.5
S	4	4.3	2.3	0.6	0	0	13.2	13.2	11.0	13.9	11.4	11.6	9.1	9.7	14.5	17.8	16.7
SW	3	2.8	4.4	0.6	0	0	8.1	8.1	9.5	10.7	11.7	9.5	6.3	5.1	5.5	7.2	8.6
W	3	1.9	1.4	0.2	0	0	3.8	3.8	9.2	5.0	4.8	5.2	3.0	2.5	2.0	3.7	3.2
NW	3	2.7	1.9	0.2	0	0	5.2	5.2	10.5	5.8	5.4	7.0	5.1	4.3	3.5	4.7	4.7
VAR	0	0	0	0	0	0	1.3	1.3	0	1.3	1.4	1.5	1.5	1.9	1.3	1.2	1.5
CALM	1.3	7422	42755	7422	331	5	84144	100.0	12.8	14106	6812	14095	6991	14133	6782	14256	6969
TOT OBS	3880	29751	42755	7422	331	5	84144	100.0	12.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOT PCT	4.6	35.3	50.7	8.9	0.4	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)								
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18	21	
N	1.9	7.4	4.4	7.7	0	14.4	13.1	13.1	13.1	15.1	14.6	13.4	13.4				
NE	2.3	9.1	6.1	1.1	0	18.5	13.0	18.7	19.0	19.6	19.4	17.0	17.0				
E	2.3	8.6	2.2	1.1	0	13.2	12.2	11.2	12.3	13.4	15.2	12.1	12.1				
SE	2.5	14.4	5.3	1.1	0	22.3	12.4	19.3	19.5	20.1	26.6	22.8	22.8				
S	1.9	8.5	2.7	0	0	13.2	11.0	13.1	11.0	10.7	11.3	17.4	17.4				
SW	1.3	4.6	2.1	1.1	0	8.1	9.5	9.2	11.0	8.5	5.3	3.5	3.5				
W	1.1	2.2	0.5	1.1	0	3.8	9.2	5.0	4.9	4.5	2.3	2.3	2.3				
NW	1.4	3.1	0.7	1.1	0	5.2	10.5	5.8	5.7	6.4	4.1	4.7	4.7				
VAR	0	0	0	0	0	1.3	0	0	0	0	0	0	0				
CALM	1.3	7422	42755	7422	331	5	84144	100.0	12.8	14106	6812	14095	6991	14133	6782	14256	6969
TOT OBS	13444	48843	20075	1759	23	84144	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOT PCT	16.0	57.9	23.9	2.2	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

WIND SPEED (KNOTS)	4-10	11-21	22-33	34-47	48+	MEAN	PCT	TOTAL
CALM	1.4	3.5	33.9	50.9	9.9	.4	.0	13.0 100.0
0000	1.4	3.5	33.9	50.9	9.9	.4	.0	13.0 100.0
0600	1.5	3.7	35.1	48.5	7.8	.4	.0	12.3 100.0
1200	1.0	2.9	35.1	51.6	8.9	.4	.0	12.9 100.0
1800	1.3	3.1	34.1	52.0	9.1	.4	.0	12.9 100.0
TOT	1097	2763	29751	42755	7422	331	.5	12.8
PCT	1.3	3.3	35.3	50.7	8.9	.4	.5	100.0
TOTAL								20918
								21086
								20915
								21225
								24144

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & 00SCD	TOTAL 00S
N	1.7	1.2	3.7	8.0	6.3
NE	2.7	1.6	5.1	8.7	6.0
E	3.1	2.0	4.7	3.2	5.0
SE	7.9	3.9	7.6	2.3	4.3
S	3.7	2.3	4.7	2.3	4.4
SW	1.4	1.1	3.4	2.3	5.3
W	.5	.4	1.5	1.4	5.6
NW	.6	.5	1.6	2.5	6.2
VAR	.0	.0	.0	.0	.0
CALM	.3	.2	.4	.3	4.8
TOT 00S	17260	10373	25643	25402	78678
TOT PCT	22.0	13.2	32.6	32.2	100.0

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT-MH >4/8)
AND OCCURRENCE OF NH 45/8 BY WIND DIRECTION

WIND DIR	000	150	300	600	1000	2000	3500	5000	6500	8000+	NH 45/8	TOTAL
000	149	299	599	999	1999	3499	4999	6499	7999			885
000	.1	.1	.7	1.8	4.4	2.0	.2	.2	.1	.2	.2	4.9
150	.1	.6	1.6	5.4	2.6	.3	.2	.2	.2	.2	.2	6.9
300	.2	.2	.4	2.5	1.5	.2	.1	.2	.2	.2	.2	7.6
600	.2	.2	.6	2.3	1.5	.2	.1	.2	.4	.4	.4	17.1
1000	.2	.2	.2	.9	.8	.1	.1	.2	.6	.6	.6	10.2
2000	.2	.2	.2	.1	.5	.6	.1	.1	.2	.6	.6	5.8
3500	.2	.2	.2	.1	.6	.4	.1	.1	.1	.2	.2	2.3
5000	.2	.2	.2	.1	1.4	.6	.1	.1	.1	.1	.1	2.3
6500	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.9
8000+	.2	.2	.2	.1	.2	.2	.1	.2	.2	.2	.2	78678
NH 45/8	192	149	1576	4192	14239	7869	1014	839	1035	2016	45537	130.0
TOT PCT	.2	.2	2.0	5.3	18.2	10.1	1.3	1.1	1.3	2.5	57.8	

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TAB-E 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (MM >4/8) AND VSBY (MM)									
CEILING (FEET)	= OR >10	= OR >5	= OR >2	VSBY (MM) = OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0	
= OR >6500	3.2	3.8	3.8	3.8	3.8	3.8	3.8	3.8	
= OR >5000	4.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9	
= OR >3500	4.9	16.1	16.2	6.2	6.2	6.2	6.2	6.2	
= OR >2000	11.8	16.0	16.3	16.3	16.3	16.3	16.3	16.3	
= OR >1000	21.2	33.2	34.3	34.4	34.5	34.5	34.5	34.5	
= OR >600	22.7	37.4	39.4	39.7	39.7	39.8	39.8	39.8	
= OR >300	22.9	38.6	41.1	41.5	41.7	41.7	41.7	41.7	
= OR >150	23.0	38.6	41.3	41.7	41.8	41.9	41.9	41.9	
= OR >0	23.0	38.7	41.4	41.8	42.0	42.1	42.2	42.2	
TOTAL	18021	30400	32527	32880	33029	33081	33138	33151	

TOTAL NUMBER OF OBS: 78694

PCT FREQ MM <5/8: 57.9

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)									
0	1	2	3	4	5	6	7	8	TOTAL
12.8	12.4	20.0	7.8	4.8	6.1	9.5	4.7	21.5	57.9

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1959-1971

ANNUAL

AREA 0001 TEMIN GULF
18.3M 107.5E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2 PCP	0	0	0	0	0	0	0	0	0	0	0	0
1/2 NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT N	0	0	0	0	0	0	0	0	0	0	0	0
1/2<1 PCP	0	0	0	0	0	0	0	0	0	0	0	0
1/2<1 NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT N	0	0	0	0	0	0	0	0	0	0	0	0
1/2 PCP	0	0	0	0	0	0	0	0	0	0	0	0
1/2 NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT N	0	0	0	0	0	0	0	0	0	0	0	0
2<5 PCP	0	0	0	0	0	0	0	0	0	0	0	0
2<5 NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT N	0	0	0	0	0	0	0	0	0	0	0	0
5<10 PCP	0	0	0	0	0	0	0	0	0	0	0	0
5<10 NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT N	0	0	0	0	0	0	0	0	0	0	0	0
10+ PCP	0	0	0	0	0	0	0	0	0	0	0	0
10+ NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT N	0	0	0	0	0	0	0	0	0	0	0	0
TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0
TOT PCT	0	0	0	0	0	0	0	0	0	0	0	0

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1959-1971

ANNUAL

AREA 0001 TONKIN GULF
18.3N 107.5E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD (KTS)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
1	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
1 1/2	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
2	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
3	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
4	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
5	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
10+	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
TOT OBS		14.4	16.5	13.2	22.3	13.2	8.1	3.8	5.2	.0	1.3	100.0	83551

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PERIOD: (PRIMARY) 1965-1971
(OVER-ALL) 1859-1971

AREA 0001 TONKIN GULF
18.3N 107.5E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
95/99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	67	.1
90/94	.0	.0	.0	.1	.6	.5	.2	.0	.0	.0	1037	1.3
85/89	.0	.0	.1	.2	1.5	9.1	6.1	.7	.0	.0	14224	17.8
80/84	.0	.0	.1	.5	1.9	7.0	15.8	4.2	.0	.0	23261	29.5
75/79	.0	.0	.1	.4	1.5	5.5	8.1	7.1	.0	.0	17293	22.6
70/74	.0	.0	.1	.3	1.1	3.2	5.3	5.7	.0	.0	12423	15.7
65/69	.0	.0	.1	.2	.6	1.2	2.8	2.9	.0	.0	6254	7.8
60/64	.0	.0	.0	.1	.4	.7	1.4	1.4	.0	.0	3304	4.1
55/59	.0	.0	.0	.0	.1	.2	.4	.3	.0	.0	831	1.0
50/54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	57	.1
TOTAL	1	10	265	1433	5928	21422	31755	17937			78751	100.0
PCT	.4	1.9	7.7	27.5	40.1	22.4						

TABLE 14

	PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										VAR	CALM
	N	NE	E	SE	S	SW	W	NW	VAR			
95/99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90/94	.1	.1	.1	.2	.3	.3	.1	.1	.1	.1	.0	.0
85/89	.7	1.0	3.7	5.2	4.5	1.1	.6	.0	.0	.0	.0	.0
80/84	2.4	3.9	8.1	7.1	5.2	1.5	1.7	.0	.0	.0	.0	.0
75/79	3.0	4.4	4.5	7.1	1.5	4.4	.9	.0	.0	.0	.0	.0
70/74	3.2	4.0	2.7	3.2	.8	.2	.4	.0	.0	.0	.0	.0
65/69	3.0	2.8	.6	.2	.1	.1	.2	.7	.0	.0	.0	.0
60/64	1.9	1.7	.2	.0	.0	.0	.0	.2	.0	.0	.0	.0
55/59	.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50/54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	14.7	18.0	13.0	22.7	13.2	8.2	3.8	5.2	.0	.0	.0	1.3

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										TOTAL OBS
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN		
00403	97	85	83	78	71	68	51	77.7	23895	885
05409	98	89	86	79	72	68	51	79.1	21018	19717
12415	96	84	83	78	72	68	51	77.7	20909	19609
19421	94	83	82	78	71	68	52	77.2	21214	18821
TOT	98	87	84	78	71	68	51	77.9	84036	78752

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										TOTAL OBS
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	
00403	.0	2.1	7.4	26.9	39.9	23.6	82	19717		885
05409	.0	3.5	12.6	35.7	34.3	13.9	79	19609		19717
12415	.0	2.0	6.2	26.4	42.9	22.9	82	19627		19609
19421	.0	1.6	4.7	20.9	43.4	29.5	84	19839		19627
TOT	1	1708	5933	21432	31769	17949	82	78752		78752

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1959-1971

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AREA 0001, TONKIN GULF

10.3M 107.5E

TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	49	53	57	61	65	69	73	77	81	85	89	93	TOT FPG	M FPG	W8 FPG
17/19	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
14/16	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0
11/13	0	0	0	0	0	0	0	0	0	0	0	0	258	0	0
9/10	0	0	0	0	0	0	0	0	0	0	0	0	513	0	0
7/8	0	0	0	0	0	0	0	0	0	0	0	0	1130	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	953	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	1920	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	108	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	3896	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	5663	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	7184	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	9328	0	0
-1	0	0	0	0	0	0	0	0	0	0	0	0	9395	0	0
-2	0	0	0	0	0	0	0	0	0	0	0	0	8779	0	0
-3	0	0	0	0	0	0	0	0	0	0	0	0	7979	0	0
-4	0	0	0	0	0	0	0	0	0	0	0	0	5900	0	0
-5	0	0	0	0	0	0	0	0	0	0	0	0	4950	0	0
-6	0	0	0	0	0	0	0	0	0	0	0	0	3263	0	0
-7/-8	0	0	0	0	0	0	0	0	0	0	0	0	4227	0	0
-9/-10	0	0	0	0	0	0	0	0	0	0	0	0	2358	0	0
-11/-12	0	0	0	0	0	0	0	0	0	0	0	0	1619	0	0
-14/-16	0	0	0	0	0	0	0	0	0	0	0	0	466	0	0
-17/-19	0	0	0	0	0	0	0	0	0	0	0	0	103	0	0
-20/-22	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	82261	0	0
PCT	0	0	0	0	0	0	0	0	0	0	0	0	100.0	0	0

PERIOD: (OVER-ALL) 1963-1971

ANNUAL
TABLE 18

AREA 0001, TONGUE IN GULF
10.3N 107.5E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.2	.9	2.5	.0	.0	.0	1.1	.2	1.2	.0	.0	.0	.0	1.4
2	.2	4.6	3.1	.0	.0	.0	5.2	.2	3.2	3.2	.0	.0	.0	6.8
3-4	.0	.0	.0	.0	.0	.0	4.6	.0	.0	4.0	.0	.0	.0	6.0
5-6	.0	.1	.9	.4	.0	.0	1.4	.0	.1	1.1	.6	.0	.0	2.0
7	.0	.0	.0	.6	.0	.0	1.4	.0	.0	.7	.9	.0	.0	1.6
8-9	.0	.0	.2	.4	.0	.0	.2	.0	.0	.2	.5	.1	.0	.0
10-11	.0	.0	.1	.3	.0	.0	.5	.0	.0	.1	.3	.1	.0	.0
12	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.4	4.4	7.6	2.6	.1	.0	15.1	.3	5.4	9.3	3.7	.2	.0	18.9

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.2	.9	2.8	.0	.0	.0	1.6	.2	1.4	6.6	.0	.0	.0	1.6
2	.2	3.2	2.0	.0	.0	.0	6.1	.2	4.4	5.5	.0	.0	.0	11.1
3-4	.0	.0	.0	.0	.0	.0	3.9	.0	1.1	.0	.0	.0	.0	6.4
5-6	.0	.0	.0	.0	.0	.0	.6	.0	.0	.2	.2	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.3	.0	.0	.1	.1	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.4	5.4	6.3	.5	.0	.0	12.7	.5	7.0	13.9	1.0	.0	.0	22.4

PERIOD: (OVER-ALL) 1963-1971

ANNUAL
TABLE 18

ARCA 0001 TONKIN GULF
10.3M 107.5C

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	2	9	3	0	0	0	1.2	.1	1.7	1	0	0	0	.8
1-2	1	2	3	0	0	0	6.9	.1	1.8	2.1	0	0	0	4.0
1-4	1	7	3	0	0	0	4.1	.1	4	2.4	4	0	0	3.1
5-6	0	0	3	1	0	0	.3	0	0	.2	.1	0	0	.4
7	0	0	0	0	0	0	.1	0	0	.1	.1	0	0	.2
8-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33-40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61-70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71-86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOT PCT	3	4	7	4	0	0	12.6	3	2.8	4.9	.6	0	0	8.5

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	1	5	0	0	0	0	.7	.1	1.7	1	0	0	0	.9
1-2	1	2	0	0	0	0	2.1	.1	1.5	1.1	0	0	0	2.8
3-4	0	0	0	0	0	0	0	0	0	0	1	0	0	1.2
5-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33-40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61-70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71-86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOT PCT	2	1	1	2	0	0	3.8	3	2.8	2.0	.2	0	0	5.2

PERIOD: (OVER-ALL) 1963-1971

ANNUAL

AREA 0001 TANKIN GULF
18.3N 107.5E

TABLE 18 (CONT)

WIND SPEED (KTS)	VS SEA HEIGHT (FT)										PCT	TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	48+	48+	48+	48+		
0-3	2.3	7.6	.2	.0	.0	.0	.0	.0	.0	.0	10.1	
4-10	1.2	20.6	22.8	.0	.0	.0	.0	.0	.0	.0	44.7	
11-21	.2	5.2	23.1	3.7	.0	.0	.0	.0	.0	.0	32.1	
22-33	.2	.4	2.1	1.7	.0	.0	.0	.0	.0	.0	5.7	
34-47	.1	.1	2.1	1.3	.0	.0	.0	.0	.0	.0	4.2	
48+	.0	.2	.5	1.0	.1	.0	.0	.0	.0	.0	1.7	
TOT	.0	.0	.2	.7	.1	.0	.0	.0	.0	.0	1.0	
PCT	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.2	
TOT PCT	3.7	34.0	52.7	9.2	.4	.0	.0	.0	.0	.0	100.0	59257

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																		TOTAL	MEAN HGT
	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+		
1-2	2.4	32.8	29.3	4.7	2.0	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	47455	1
3-4	.0	1.3	4.2	2.1	2.0	1.0	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7127	5
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2165	7
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	706	7
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	207	7
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	61	11
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6678	2
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	64399	0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
TOTAL	37.3	247.7	238.6	48.6	39.0	15.2	10.4	3.3	1.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	100.0	0
PCT	5.9	38.3	36.8	7.6	6.2	2.5	1.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0		

PERIOD: (PRIMARY) 1965-1971
(OVER-ALL) 1959-1971

TABLE 20

AREA 0001 TONKIN GULF
10.3N 107.5E

PERCENT FREQUENCY OF OCCURRENCE OF SEA TEMP (DEG F) BY MONTH

SEA TEMP DEG F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	PCT
96+	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	6	#
95/96	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	1	#
93/94	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	28	#
89/90	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	318	#
87/88	.0	.0	.0	.0	.0	.0	.0	.0	9.1	.0	.0	.0	1599	1.4
85/86	.0	.0	.0	.0	.0	.0	.0	.0	13.2	.0	.0	.0	5701	16.8
83/84	.0	.0	.0	.0	.0	.0	.0	.0	33.1	.0	.0	.0	12432	14.9
81/82	.0	.0	.0	.0	.0	.0	.0	.0	32.8	.0	.0	.0	11290	13.5
79/80	6.5	1.5	2.2	15.5	21.6	13.5	8.0	17.1	13.4	29.2	12.6	1.0	9339	11.2
77/78	13.3	6.5	17.8	17.4	7.3	14.0	27.6	21.4	33.1	16.9	27.0	5.1	6737	10.6
75/76	22.0	13.8	21.6	25.2	3.6	20.6	32.0	43.8	22.8	32.6	33.0	24.2	8896	9.7
73/74	18.0	21.9	19.3	16.0	1.0	28.1	30.8	17.6	22.8	29.2	33.0	20.2	6074	8.1
71/72	14.3	17.7	16.8	8.1	.5	.0	.0	.0	.0	1.0	5.1	14.2	6772	5.5
69/70	9.8	16.6	13.0	4.3	.2	.0	.0	.0	.0	.0	2.1	5.6	4637	5.5
67/68	7.0	7.0	5.6	2.5	.0	.0	.0	.0	.0	.0	.0	1.0	3445	4.1
65/66	2.9	4.9	3.6	1.8	.0	.0	.0	.0	.0	.0	.0	.0	1660	2.0
63/64	2.2	4.8	3.6	1.2	.0	.0	.0	.0	.0	.0	.0	.0	1163	1.4
61/62	.6	2.8	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	880	1.1
59/60	.0	2.2	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	345	.2
57/58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	283	.2
55/56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30	#
53/54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	#
51/52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
49/50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
47/48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
45/46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
43/44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
41/42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
39/40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
37/38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
35/36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
33/34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
31/32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
29/30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
27/28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
(27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
TOTAL	7037	6998	7656	7063	7234	6965	6909	7294	6504	6943	5771	6864	83640	100.0
MEAN	73.5	71.3	72.1	75.6	81.6	84.7	85.2	85.6	84.9	82.5	80.1	76.5	79.4	

PERIOD: (PRIMARY) 1966-1971
(OVER-ALL) 1959-1971

ARCA 0001 TANK IN GULF
18.3M 107.5C

TABLE 21

PRESSURE (MB)

AVERAGE BY HOUR (GMT)

MO	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	TOTAL HRS
JAN	1017	1019	1016	1016	1016	1016	1016	1016	1017	7004
FEB	1017	1018	1016	1014	1015	1016	1016	1015	1016	6902
MAR	1013	1015	1013	1011	1012	1013	1012	1011	1012	7549
APR	1012	1013	1011	1009	1010	1012	1011	1010	1011	6924
MAY	1007	1008	1007	1006	1005	1008	1006	1006	1006	7165
JUN	1005	1006	1005	1003	1004	1006	1005	1004	1005	6880
JUL	1004	1005	1003	1002	1003	1005	1004	1003	1004	6893
AUG	1004	1005	1004	1002	1003	1005	1004	1003	1004	7273
SEP	1007	1009	1007	1006	1006	1008	1007	1007	1007	6800
OCT	1013	1015	1012	1011	1012	1013	1012	1012	1013	6800
NOV	1016	1017	1015	1014	1015	1016	1015	1015	1015	5619
DEC	1017	1018	1016	1015	1016	1017	1016	1016	1016	6724
ALL	1011	1012	1010	1009	1010	1011	1010	1010	1010	82634
005	13858	6770	13788	6859	13786	6767	13963	6843		

PERCENTILES

MO	MIN	1%	5%	25%	50%	75%	95%	99%	MAX
JAN	1005	1007	1009	1014	1017	1020	1024	1026	1029
FEB	1001	1004	1008	1012	1016	1019	1023	1026	1030
MAR	1000	1002	1005	1009	1012	1016	1021	1024	1028
APR	999	1002	1004	1008	1011	1014	1017	1021	1026
MAY	981	998	1001	1004	1006	1009	1012	1014	1018
JUN	992	996	999	1003	1005	1006	1009	1011	1014
JUL	993	996	998	1002	1004	1006	1008	1010	1011
AUG	992	996	999	1002	1004	1006	1008	1010	1011
SEP	987	996	1001	1005	1007	1010	1013	1014	1017
OCT	998	1004	1008	1011	1013	1015	1017	1018	1024
NOV	1002	1006	1010	1013	1015	1017	1020	1022	1026
DEC	1005	1008	1010	1013	1016	1019	1023	1026	1031

PERIOD: (PRIMARY) 1950-1971
(OVER-ALL) 1950-1971

JANUARY

AREA 0002 DA MANG
15.0N 109.0E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THOR				OTHER WEATHER PHENOMENA				TOTAL 00S
				FRZG PCPN	SNOW	OTHER PCPN	LTNG				W0 PCPN	HAZE	BLNG	DUST	SIG	W0 PCPN	HAZE	BLNG	
N	1.5	.4	.9	.0	.0	.0	.0	.0	2.7		.0	.1	.2						
NE	.7	.6	.7	.0	.0	.0	.0	.0	2.0		.0	.1	.2						
E	.2	.2	.3	.0	.0	.0	.0	.0	.6		.0	.1	.4						
SE	.1	.1	.1	.0	.0	.0	.0	.0	.3		.0	.2	.2						
S	.1	.1	.1	.0	.0	.0	.0	.0	.2		.0	.2	.1						
SW	.1	.1	.1	.0	.0	.0	.0	.0	.3		.0	.2	.2						
W	.9	.1	.4	.0	.0	.0	.0	.0	1.3		.0	.5	.4						
NW	1.4	.3	.9	.0	.0	.0	.0	.0	2.5		.0	.3	.3						
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.2		.0	.0	.0						
CALM	.1	.1	.1	.0	.0	.0	.0	.0	.0		.0	.1	.1						
TOT 00S	253	86	173	.0	.0	.0	.0	.0	10.1	503	.0	.83	101	.2	4277	4966	.0	1.9	
TOT PCT	5.1	1.7	3.5	.0	.0	.0	.0	.0			.0	1.7	2.0						

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THOR	LTNG	PCPN	W0	HAZE	DUST	SIG	W0	TOTAL 00S
				FRZG	FRZG	SNOW	OTHER												
00403	5.5	2.2	3.3	.0	.0	.0	.0	.0	10.8		.0	2.6	3.0						
06409	4.6	1.4	4.3	.0	.0	.0	.0	.0	10.0		.0	1.3	2.8						
12415	5.0	1.2	2.9	.0	.0	.0	.0	.0	9.0		.0	1.4	1.4						
18421	5.1	2.0	3.5	.0	.0	.0	.0	.0	10.6		.0	1.3	1.0						
TOT	253	86	173	.0	.0	.0	.0	.0	50.1	503	.0	.83	101	.2	4295	4984	.0	1.9	
PCT	5.1	1.7	3.5	.0	.0	.0	.0	.0			.0	1.7	2.0						

PERIOD: (PRIMARY) 1958-1971
(OVER-ALL) 1958-1971

JANUARY

AREA 0002 DA NAMC
15.8N 109.0E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR																15.0M	109.0E
WIND DIR	WIND SPEED (KNOTS)					40+ TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					15	10	21	
	0-3	4-10	11-21	22-33	34-47				00	03	06	09	12				
M	.6	4.4	6.4	2.0	.1	.0	13.5	13.7	12.7	11.2	16.2	13.6	15.6	7.3	13.4	11.4	
NE	.7	0.5	14.1	3.9	.2	.0	27.3	14.3	26.9	27.8	27.7	32.2	26.2	26.9	25.6	20.6	
E	.6	0.8	11.0	1.0	.0	.0	21.3	11.9	18.2	18.9	18.4	24.8	23.9	25.8	22.4	21.0	
SE	.9	5.2	6.0	.3	.0	.0	12.3	11.0	9.4	9.8	12.7	14.1	12.4	14.6	13.5	13.6	
S	.4	2.5	1.7	.7	.0	.0	4.6	9.7	5.8	5.5	3.9	1.1	3.9	5.5	4.6	7.1	
SW	.4	1.6	.5	.7	.0	.0	2.5	7.2	5.0	3.5	1.4	.1	1.3	3.6	2.6	2.7	
W	.5	2.7	2.4	1.3	.0	.0	5.9	11.3	9.4	8.1	4.9	2.7	4.9	3.5	5.9	6.0	
NW	.5	3.6	5.2	1.1	.0	.0	10.5	13.4	11.0	9.3	13.4	9.6	10.2	9.1	10.4	6.6	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	2.1	2050	2610	480	16	.0	2.1	.0	1.5	5.9	1.4	1.7	1.7	3.8	1.7	3.0	
TOT OBS	375	37.1	47.2	8.7	.3	.0	5547	12.3	958	354	995	410	1003	364	1000	463	
TOT PCT	6.8	37.1	47.2	8.7	.3	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A

WIND SPEED (KNOTS)																				
WIND DIR	0-6			7-16			17-27			28-40			41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)			
	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	09					12	15	18	21
N	2.3	6.6	4.0	.5	.0	.0	13.5	13.7	12.3	15.5	13.4	12.7	12.7	12.7	12.7	12.7	12.7			
NE	3.0	14.3	9.1	.9	.0	.0	27.3	14.3	27.2	28.0	26.4	26.5	26.5	26.5	26.5	26.5	26.5			
E	4.1	12.3	4.2	.1	.0	.0	21.3	11.9	18.5	20.2	24.4	22.0	22.0	22.0	22.0	22.0	22.0			
SE	2.7	7.9	1.7	.1	.0	.0	12.3	11.0	9.5	13.1	12.9	13.5	13.5	13.5	13.5	13.5	13.5			
S	1.3	2.9	.4	.7	.0	.0	4.6	9.7	5.7	3.1	4.4	5.4	5.4	5.4	5.4	5.4	5.4			
SW	1.4	1.0	.1	.1	.0	.0	2.5	7.2	4.6	1.0	1.9	2.6	2.6	2.6	2.6	2.6	2.6			
W	1.4	3.2	1.2	.2	.0	.0	5.9	11.3	9.1	4.3	4.5	5.9	5.9	5.9	5.9	5.9	5.9			
NW	1.7	5.3	3.3	.2	.0	.0	10.5	13.4	10.5	12.3	9.9	9.2	9.2	9.2	9.2	9.2	9.2			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CALM	2.1	3008	1331	99	.0	5547	2.1	.0	2.7	1.5	2.3	2.1	2.1	2.1	2.1	2.1	2.1			
TOT OBS	1109	54.2	24.0	1.8	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
TOT PCT	20.0	54.2	24.0	1.8	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			

PERIOD: (PRIMARY) 1958-1971
(OVER-ALL) 1858-1971

JANUARY

AREA 0002 DA NAME
15.8M 109.0E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT	TOTAL
										00S
0000	2.7	5.9	36.7	44.6	9.7	.5	.0	12.2	100.0	1312
0600	1.5	3.4	36.6	47.8	8.5	.3	.0	12.3	100.0	1405
1200	2.3	3.0	36.0	50.5	8.1	.1	.0	12.7	100.0	1367
1800	2.1	4.3	39.0	45.9	8.4	.2	.0	12.2	100.0	1463
TOT	118	257	2058	2618	480	16	.0	12.3		5547
PCT	2.1	4.6	37.1	47.2	8.7	.3	.0		100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (HEIGHTS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & 0850	MEAN CLOUD COVER	TOTAL 00S
N	1.3	1.0	3.6	6.6	6.4	
NE	3.5	3.5	8.7	6.8	5.5	
E	8.5	2.3	6.1	3.8	4.0	
SE	7.2	2.0	3.1	1.5	3.2	
S	2.2	.9	1.2	1.8	3.7	
SW	.0	.3	2.0	4.3	5.1	
W	.6	.3	3.1	7.7	6.8	
NW	.5	.6	3.1	7.7	7.0	
VAR	.0	.0	.0	.0	.0	
CALM	.6	.3	1.0	.6	5.0	
TOT 00S	1097	520	1284	1443	5.1	4354
TOT PCT	25.2	12.2	29.5	33.1		100.0

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH 3/4/8)
AND OCCURRENCE OF MH 45/8 BY WIND DIRECTION

	000	150	300	600	1000	2000	3500	5000	6500	8000+	MH 45/8	ANY MGT	TOTAL
	149	299	599	999	1999	3999	4999	6499	7999				00S
N	.0	.5	.5	.6	4.3	2.5	.6	.3	.1	.1	.1	.1	3.6
NE	.2	.2	.2	.8	6.6	3.6	.6	.3	.2	.2	.1	.1	10.0
E	.1	.0	.1	.1	3.5	2.6	.3	.2	.1	.1	.1	.1	14.5
SE	.0	.1	.1	.1	.9	.9	.1	.1	.1	.1	.1	.1	11.5
S	.0	.1	.1	.1	.4	.4	.1	.1	.1	.1	.1	.1	4.0
SW	.1	.1	.1	.2	.9	1.3	.3	.0	.1	.1	.1	.1	1.5
W	.1	.1	.5	.7	2.5	1.3	.2	.1	.1	.1	.1	.1	2.4
NW	.1	.1	.4	.6	5.5	2.4	.3	.2	.1	.1	.1	.1	1.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.2	.2	.4	.0	.0	.0	.0	.0	.0	.0
TOT 00S	13	6	82	145	1077	625	94	54	28	19	2211	1.7	4354
TOT PCT	.3	.1	1.9	3.3	24.7	14.4	2.2	1.2	.6	.4	50.8	.6	100.0

PERIOD: (PRIMARY) 1958-1971
(OVER-ALL) 1958-1971

JANUARY

AREA 0002 DA MANG
15.8M 109.0E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (MM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	VSBY (MM) = OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1
= OR > 5000	1.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3
= OR > 3500	2.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4
= OR > 2000	10.2	18.3	18.8	18.8	18.8	18.8	18.8	18.8
= OR > 1000	21.4	40.7	43.3	43.5	43.5	43.5	43.5	43.5
= OR > 600	22.0	42.9	46.5	46.8	46.8	46.8	46.8	46.8
= OR > 300	22.1	43.6	47.9	48.6	48.6	48.6	48.6	48.6
= OR > 150	22.2	43.7	48.0	48.7	48.7	48.7	48.7	48.7
= OR > 0	22.5	44.0	48.4	49.1	49.2	49.2	49.2	49.2
TOTAL	980	1919	2111	2144	2147	2148	2149	2149

TOTAL NUMBER OF OBS: 4365

PCT FREQ NH < 5/8: 50.8

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	00SCD	TOTAL OBS
10.0	8.7	17.7	8.4	5.3	6.3	10.5	6.3	25.8	.6	4469

PERIOD: (PRIMARY) 1950-1971
(OVER-ALL) 1950-1971

JANUARY

AREA 0002 DA HAMS
15.0M 109.0C

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	PCP	0	0	0	0	0	0	0	0	0	0	1
1/2	NB PCP	0	0	0	0	0	0	0	0	0	0	2
1/2	TOT %	0	0	0	0	0	0	0	0	0	0	3
1/2<1	PCP	0	0	0	0	0	0	0	0	0	0	1
1/2<1	NB PCP	0	0	0	0	0	0	0	0	0	0	1
1/2<1	TOT %	0	0	0	0	0	0	0	0	0	0	2
1<2	PCP	2	1	0	0	0	2	2	0	0	0	8
1<2	NB PCP	1	0	0	0	0	0	0	0	0	0	2
1<2	TOT %	2	1	0	0	0	2	2	0	0	0	10
2<5	PCP	1	1	1	1	1	5	0	0	0	0	3
2<5	NB PCP	0	0	0	0	0	0	0	0	0	0	1
2<5	TOT %	1	1	1	1	1	5	0	0	0	0	4
5<10	PCP	1	0	0	0	0	0	0	0	0	0	1
5<10	NB PCP	0	0	0	0	0	0	0	0	0	0	0
5<10	TOT %	1	0	0	0	0	0	0	0	0	0	1
10+	PCP	3	5	2	0	0	1	3	0	0	0	15
10+	NB PCP	6	17	15	8	2	2	3	0	0	0	59
10+	TOT %	9	22	17	8	2	3	3	0	0	0	74
TOT OBS		13	25	21	12	4	6	11	0	2	2	100
TOT PCT		13	25	21	12	4	6	11	0	2	2	100

PERIOD: (PRIMARY) 1958-1971
(OVER-ALL) 1858-1971

JANUARY

AREA 0002 DA MANG
15.0N 109.0E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSRY (NM)	SDB KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
	4-10	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
	11-21	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
	22+	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
	TOT N	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
5<10	0-3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
	4-10	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	11-21	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	22+	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
	TOT N	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
10+	0-3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
	4-10	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	11-21	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
	22+	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
	TOT N	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
	TOT OBS	13.2	26.7	21.3	12.5	4.5	2.6	6.2	10.6	.0	2.2	100.0	5276

PERIOD: (PRIMARY) 1958-1971
(OVER-ALL) 1958-1971

JANUARY

AREA 0002 DA WANG
15.8M 109.0C

TABLE 10
PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MM >478) AND
OCCURRENCE OF MM <528 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000"	TOTAL	MM <528 ANY MGT	TOTAL	MM <528 OBS
00403	.3	.1	1.9	5.1	29.3	14.1	3.0	1.4	.3	.6	56.1	43.9	1084	
06409	.5	.2	2.5	2.6	23.2	14.5	2.1	1.2	.7	.4	47.9	52.1	1073	
12415	.8	.3	1.7	2.4	21.9	13.7	1.3	1.1	.6	.4	44.0	56.0	1135	
18421	.4	0	1.3	3.1	23.3	14.5	2.1	1.2	.9	.4	47.3	52.7	1123	
TOT	19	6	82	145	1078	627	94	54	28	19	2152	2263	4415	
PCT	.4	.1	1.9	3.3	24.4	14.2	2.1	1.2	.6	.4	48.7	51.3	100.0	

TABLE 11

PERCENT FREQUENCY VS8Y (MM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00403	.5	.3	1.3	5.8	34.4	57.8	1073
06409	.3	.1	1.0	4.2	32.4	61.9	1064
12415	.1	.1	.5	.1	35.6	58.6	1132
18421	.2	.2	.6	4.5	38.2	56.4	1119
TOT	11	7	38	215	1544	2573	4388
PCT	.3	.2	.9	4.9	35.2	58.6	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VS8Y (MM) AND/8R
CEILING MGT (FEET-MM >478) BY HOUR

HOUR (GMT)	<150 (5070)	<600 (11000)	<1000 (15000)	MM <528 AND 5+	TOTAL OBS
00403	.9	3.3	12.2	46.1	41.7
06409	.9	3.0	8.9	39.9	51.1
12415	1.1	3.1	8.7	36.1	55.2
18421	.8	2.4	8.2	39.9	51.0
TOT	42	137	416	1776	2196
PCT	1.0	3.1	9.5	40.5	50.0

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PERIOD: (PRIMARY) 1958-1971
(OVER-ALL) 1858-1971

AREA 0002 DA NAMG
15.8M 109.0E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100			
90/94	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
85/89	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	18
80/84	.0	.0	.0	.1	1.2	2.9	.8	.0	.0	.0	230
75/79	.0	.0	.0	.2	2.1	13.4	17.3	5.6	.0	.0	1658
70/74	.0	.0	.0	.0	1.8	7.7	15.3	13.8	.0	.0	1712
65/69	.0	.0	.0	.0	.5	1.6	5.4	6.7	.0	.0	629
60/64	.0	.0	.0	.0	.0	.3	.8	1.4	.0	.0	112
55/59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
TOTAL	.0	.0	.0	.3	2.9	11.4	17.4	12.6	.0	.0	4404
OCT	.0	.0	.0	.7	5.9	25.9	39.6	27.8	.0	.0	

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											
	N	NE	E	SE	S	SW	W	NW	VAR	CALM	
90/94	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85/89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80/84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75/79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70/74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65/69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60/64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55/59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR									
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00403	84	81	79	74	66	63	59	73.2	1308
06409	91	85	82	76	67	63	58	75.4	1401
12415	86	81	79	74	66	63	58	73.5	1368
18421	83	79	77	73	66	63	57	72.7	1463
TOT	91	83	80	74	66	63	57	73.7	5540

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00403	.0	.0	.0	.7	5.2	23.3	40.0	30.7	84	1077
06409	.0	.0	.0	1.7	12.1	35.6	33.9	16.8	80	1060
12415	.0	.0	.0	.5	3.2	26.0	41.7	28.6	84	1136
18421	.0	.0	.0	.3	2.4	19.3	42.2	34.8	85	1132
TOT	.0	.0	.0	.35	25.9	114.5	174.5	129.9	87	4413

PERIOD: (PRIMARY: 1953-1971
(OVER-ALL) 1858-1971

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15.8N 109.0E

TABLE 17
P.T. FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	57	61	65	69	73	77	81	85	89	TOT	M FOG	M0 FOG
20/22	0	0	0	0	0	0	0	0	0	2	0	0
17/19	0	0	0	0	0	0	0	0	0	4	0	1
14/16	0	0	0	0	0	0	0	0	0	16	0	3
11/13	0	0	0	0	0	0	0	0	0	28	0	6
9/10	0	0	0	0	0	0	0	0	0	28	0	6
7/8	0	0	0	0	0	0	0	0	0	58	0	14
6	0	0	0	0	0	0	0	0	0	67	0	13
5	0	0	0	0	0	0	0	0	0	121	0	25
4	0	0	0	0	0	0	0	0	0	162	0	33
3	0	0	0	0	0	0	0	0	0	214	0	44
2	0	0	0	0	0	0	0	0	0	285	0	58
1	0	0	0	0	0	0	0	0	0	333	0	68
0	0	0	0	0	0	0	0	0	0	606	0	123
-1	0	0	0	0	0	0	0	0	0	528	0	106
-2	0	0	0	0	0	0	0	0	0	549	0	112
-3	0	0	0	0	0	0	0	0	0	452	0	93
-4	0	0	0	0	0	0	0	0	0	398	0	81
-5	0	0	0	0	0	0	0	0	0	291	0	58
-6	0	0	0	0	0	0	0	0	0	223	0	45
-7/-8	0	0	0	0	0	0	0	0	0	235	0	48
-9/-10	0	0	0	0	0	0	0	0	0	121	0	24
-11/-12	0	0	0	0	0	0	0	0	0	84	0	17
-13/-14	0	0	0	0	0	0	0	0	0	21	0	4
-14/-16	0	0	0	0	0	0	0	0	0	4837	0	98.3
TOTAL	0	0	0	0	0	0	0	0	0	100.0	1.7	98.3
PCT	0	0	0	0	0	0	0	0	0	100.0	1.7	98.3

TABLE 10

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.4	1.2	.0	.0	.0	.0	1.6	.3	1.1	.1	.0	.0	.0	1.4
2	.3	2.1	1.7	.0	.0	.0	4.0	.1	3.0	3.1	.0	.0	.0	6.3
3-4	.0	.6	2.8	.9	.0	.0	4.2	.1	1.1	5.6	.9	.0	.0	7.7
5-6	.0	.1	.8	.2	.0	.0	1.1	.2	.2	2.0	.6	.0	.0	2.8
7	.0	.0	.5	.3	.0	.0	.9	.0	.1	1.2	.4	.0	.0	2.0
8-9	.0	.0	.1	.2	.0	.0	.3	.0	.1	.5	.4	.0	.0	1.0
10-11	.0	.0	.0	.3	.0	.0	.3	.0	.0	.6	.7	.0	.0	1.3
12	.0	.0	.1	.1	.0	.0	.1	.0	.0	.2	.2	.0	.0	.4
13-16	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.0	.0	.3
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	7	4.0	5.9	2.0	.1	.0	12.7	.5	5.5	13.4	3.7	.1	.0	23.2

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
11	.3	1.4	.1	.0	.0	.0	1.8	.5	1.1	.1	.0	.0	.0	1.7
12	.3	4.2	5.4	.0	.0	.0	9.9	.3	2.9	4.9	.0	.0	.0	8.2
3-4	.0	1.6	4.1	.4	.0	.0	6.1	.2	.4	2.4	.2	.0	.0	3.0
5-6	.0	.3	.9	.2	.0	.0	1.3	.0	.1	.2	.0	.0	.0	.2
7	.0	.0	.5	.2	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.3	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.2	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.2	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.6	7.5	11.5	1.0	.0	.0	20.7	.7	4.6	7.6	.2	.0	.0	13.1

PERIOD: (OVER-ALL) 1963-1971

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TABLE 10

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PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
41	.2	.8	.8	.0	.0	.0	1.0	.3	.9	.5	.0	.0	.0	1.2
12	1	1.8	1.3	.0	.0	.0	3.2	.2	.7	.3	.0	.0	.0	1.1
34	.0	.4	.4	.0	.0	.0	.6	.1	.2	.2	.0	.0	.0	.4
56	.0	.1	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	4	3.0	1.8	.1	.0	.0	5.3	.5	1.8	.5	.0	.0	.0	2.9

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
41	.2	.8	.8	.0	.0	.0	1.5	.4	1.4	.0	.0	.0	.0	1.8
12	1	1.8	1.4	.0	.0	.0	3.3	.2	2.1	.0	.0	.0	.0	5.3
34	.0	.4	1.0	.0	.0	.0	1.4	.0	.6	.2	.0	.0	.0	3.2
56	.0	.1	.2	.1	.0	.0	.3	.0	.1	.7	.4	.0	.0	1.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.1	.0	.0	.6
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	5	3.2	3.1	3	.0	.0	7.2	.6	4.2	6.7	1.1	.0	.0	12.7

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PERIOD: (OVER ALL) 1963-1971

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT 005
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	5.9	8.8	3	0	0	0	14.9	
1-2	1.5	18.5	21.0	0	0	0	41.0	
3-4	1.2	5.2	18.4	2.8	0	0	26.6	
5-6	7	7	4.8	1.5	7	0	7.1	
7	0	3	3.1	1.5	0	0	4.6	
8-9	0	2	1.3	1.9	0	0	2.3	
10-11	0	7	1.2	1.2	0	0	2.0	
12	0	5	1.4	0	0	0	3	
13-16	0	0	2	2	1	0	4	
17-19	0	0	0	7	0	0	1	
20-22	0	0	0	0	0	0	0	
23-25	0	0	0	0	0	0	0	
26-32	0	0	0	0	0	0	0	
33-40	0	0	0	0	0	0	0	
41-48	0	0	0	0	0	0	0	
49-60	0	0	0	0	0	0	0	
61-70	0	0	0	0	0	0	0	
71-86	0	0	0	0	0	0	0	
87+	0	0	0	0	0	0	0	
TOT PCT	7.5	33.7	50.3	8.4	1	0	100.0	
							3173	

PERIOD (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
6	2	1	19	6	22	5	5	4	2	3	8	0	0	0	0	0	0	0	0	1968	3
6-7	0	5	6	3	1	3	5	1	5	1	1	0	0	0	0	0	0	0	0	784	5
8-9	7	1	6	3	0	1	2	1	6	1	0	0	0	0	0	0	0	0	0	356	5
10-11	0	3	4	1	2	2	3	2	2	2	0	0	0	0	0	0	0	0	0	78	7
12-13	0	0	1	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	17	9
>13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	12
IMOLT	2.0	3.3	3.0	0.7	0.8	0.2	1	1	1	0	0	0	0	0	0	0	0	0	0	371	3
TOTAL	148	1002	1276	385	349	157	94	51	29	7	1	0	0	0	0	0	0	0	0	3579	4
PCT	4	30.2	35.7	10.8	9.8	4.4	2.6	1.4	.8	.2	7	0	0	0	0	0	0	0	0	100.0	

PERIOD: (PRIMARY) 1959-1971
(OVER-ALL) 1870-1971

FEBRUARY

AREA 0002 OA NAMG
15.2M 109.0E

TABLE 1
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHR	RAIN SHR	DRZL PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN	MAIL PCPN	PCT FREQ AT 00 TIME	TOTAL PCPN	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL OBS
											FOG PCPN	SMOKE M8	HAZE PCPN	DUST M8	BLWG PCPN	SIG M8	
N	.8	.2	.7	.0	.0	.0	.0	1.6		.0	.3	.2	.0	.0	.0	11.7	
NE	.4	.3	.4	.0	.0	.0	.0	1.1		.0	.2	.2	.0	.0	.0	14.6	
E	.1	.1	.1	.0	.0	.0	.0	.2		.0	.2	.4	.0	.0	.0	12.1	
SE	.1	.1	.1	.0	.0	.0	.0	.1		.0	.6	1.5	.0	.0	.0	14.4	
S	.1	.1	.1	.0	.0	.0	.0	.1		.0	.2	.4	.0	.0	.0	5.9	
SW	.1	.1	.1	.0	.0	.0	.0	.2		.0	.2	.2	.0	.0	.0	2.2	
W	.9	.1	1.3	.0	.0	.0	.0	2.3		.0	.6	.4	.0	.0	.0	5.3	
NW	2.5	.4	2.2	.0	.0	.0	.0	5.1		.0	.6	.5	.0	.0	.0	13.9	
VAR	.0	.0	.0	.0	.0	.0	.0	.1		.0	.3	.4	.0	.0	.0	1.5	
CALM	.0	.0	.0	.0	.0	.0	.0	.1		.0	.3	.4	.0	.0	.0	1.5	
TOT OBS	259	56	261	.0	.0	.0	.0	10.8	565	3	172	223	1	4262	1	81.6	5226
TOT PCT	5.0	1.1	5.0	.0	.0	.0	.0	10.8		1	3.3	4.3	.0	.0	.0	81.6	

TABLE 2
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHR	RAIN SHR	DRZL PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN	MAIL PCPN	PCT FREQ AT 00 TIME	TOTAL PCPN	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL OBS
											FOG PCPN	SMOKE M8	HAZE PCPN	DUST M8	BLWG PCPN	SIG M8	
00403	5.1	.6	5.5	.0	.0	.0	.0	11.1		.0	6.4	4.6	.0	.0	.0	77.9	
06409	4.1	1.4	3.7	.0	.0	.0	.0	9.0		.0	2.5	6.1	.0	.0	.0	82.3	
12415	5.3	1.0	5.4	.0	.0	.0	.0	11.6		.2	2.1	3.5	.0	.0	.0	83.5	
18421	5.2	1.2	5.4	.0	.0	.0	.0	11.5		.0	2.3	2.9	.0	.0	.0	83.2	
TOT	259	56	261	.0	.0	.0	.0	10.8	565	3	172	224	1	4265	1	81.5	5231
PCT	5.0	1.1	5.0	.0	.0	.0	.0	10.8		.1	3.3	4.3	.0	.0	.0	81.5	

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PERIOD: (PRIMARY) 1959-1971
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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)						48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						15	18	21
	0-3	4-10	11-21	22-33	34-47	00					03	06	09	12					
N	.7	4.1	6.9	2.4	#	.0	13.8	14.3	12.8	9.2	17.6	15.5	17.0	8.1	12.1	12.1	9.6		
NE	.7	6.4	6.5	1.8	.1	.0	17.6	13.2	16.1	16.2	20.3	19.7	18.4	16.2	14.7	19.0	14.3		
E	.8	7.4	5.1	.3	#	.0	13.6	10.2	11.6	13.6	13.5	16.7	13.5	14.2	14.0	14.3	14.3		
SE	.9	8.2	7.4	.3	.0	.0	16.7	10.7	12.0	14.2	16.0	19.7	20.1	18.6	17.4	16.2	16.2		
S	.5	3.9	2.2	.1	.0	.0	6.7	9.3	9.1	9.6	5.1	4.1	4.5	6.6	6.0	6.0	6.0		
SW	.3	1.7	4.5	.1	.0	.0	2.6	6.4	4.8	2.5	1.8	.6	1.1	3.2	3.7	2.9	2.9		
W	.4	2.3	4.3	.8	#	.0	7.9	13.3	11.8	8.7	5.6	3.7	5.3	11.3	9.2	8.3	8.3		
WV	.4	3.8	10.1	4.2	.1	.0	18.6	16.2	10.6	19.9	18.1	18.4	18.8	19.0	18.8	18.3	18.3		
VAR	.0	.0	.0	.0	.0	.0	2.5	.0	3.2	6.1	2.1	.0	.0	.0	.0	.0	.0		
CALM	2.5	2201	2610	581	19	.0	5814	12.4	1014	377	1071	435	1104	350	1039	454	454		
TOT OBS	403	37.9	44.9	10.0	.3	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
TOT PCT	6.9	37.9	44.9	10.0	.3	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)					
	0-6	7-15	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18	21
N	2.1	6.7	4.6	.4	.0	13.8	14.3	12.8	11.9	17.0	14.9	11.4	11.4	11.4	11.4	11.4
NE	2.8	9.8	4.5	.5	.1	17.6	13.2	16.1	16.1	20.1	17.9	16.0	16.0	16.0	16.0	16.0
E	3.3	8.9	1.3	.1	.0	13.6	10.2	12.1	12.1	14.4	13.6	14.1	14.1	14.1	14.1	14.1
SE	3.5	11.2	2.0	#	.0	16.7	10.7	12.5	12.5	17.1	19.8	17.1	17.1	17.1	17.1	17.1
S	2.0	4.2	.5	.0	.0	6.7	9.3	9.3	9.3	4.8	5.0	6.0	6.0	6.0	6.0	6.0
SW	1.2	1.2	2	.0	.0	2.6	6.4	4.2	4.2	1.5	1.6	3.4	3.4	3.4	3.4	3.4
W	1.4	4.0	3.4	.1	.0	7.9	13.3	11.0	11.0	5.1	6.7	9.0	9.0	9.0	9.0	9.0
WV	1.4	8.5	7.8	1.0	.0	18.6	16.2	10.9	10.9	18.2	18.8	18.6	18.6	18.6	18.6	18.6
VAR	2.5	.0	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	2.5	2165	1351	125	.1	5814	12.4	1014	377	1071	435	1104	350	1039	454	454
TOT OBS	1170	54.4	23.2	2.1	.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOT PCT	20.1	54.4	23.2	2.1	.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	LALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT FREQ
0000	3.9	6.6	38.4	41.2	9.5	.4	.0	11.8	100.0
0600	1.9	4.5	38.0	45.6	9.8	.2	.0	12.6	100.0
1200	1.7	3.0	35.2	48.8	10.8	.4	.0	13.0	100.0
1800	2.4	3.9	39.9	43.7	9.9	.3	.0	12.1	100.0
TOT	143	260	2201	2610	581	19	.0	12.4	100.0
PCT	2.5	4.5	37.9	44.9	10.0	.3	.0		
TOTAL									885

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION									
WIND DIR	0-2	3-4	5-7	8 & 9	TOTAL	MEAN			
N	1.8	1.2	3.7	7.3	13.0	6.2			
NE	2.8	2.0	5.2	4.2	14.2	5.3			
E	5.1	2.2	3.0	1.7	12.0	3.8			
SE	10.1	2.5	3.5	1.3	17.4	2.8			
S	3.7	1.0	1.2	.4	6.3	2.7			
SW	1.0	.3	.6	1.0	2.9	4.6			
W	.8	.3	1.1	7.0	9.2	7.0			
NW	1.2	.7	3.9	15.9	21.7	7.1			
VAR	.0	.0	.0	.0	.0	.0			
CALM	1.0	.3	.5	.0	1.8	4.3			
TOT	1264	481	1051	1804	4600	5.1			
TOT PCT	27.5	10.5	22.8	39.2	100.0				

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH) < 478 AND OCCURRENCE OF MH < 578 BY WIND DIRECTION													
WIND DIR	000	150	300	600	999	1000	2000	3500	5000	6500	8000+	MH < 578	TOTAL
N	1.4	.2	.4	.8	.4	4.4	3.0	.5	.2	.1	.0	4.1	13.1
NE	.1	.0	.2	.7	.3	3.3	2.7	.2	.2	.1	.1	6.5	11.1
E	.1	.0	.0	.3	1.7	1.7	1.2	.2	.1	.1	.1	8.3	11.1
SE	.1	.0	.0	.2	1.1	1.1	1.0	.1	.1	.2	.1	14.4	17.2
S	.0	.0	.1	.1	.3	.3	.4	.5	.0	.0	.1	5.3	6.8
SW	.0	.0	.0	.0	.0	.8	.5	.5	.0	.0	.0	1.5	2.8
W	.1	.2	.8	1.2	2.8	4.1	1.2	.1	.1	.2	.0	1.5	10.2
NW	.1	.7	2.4	2.8	7.8	4.3	.4	.4	.1	.2	.0	3.0	20.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.2	.1	.3	.3	.3	.0	.0	.0	.0	1.5	3.8
TOT	17	47	191	284	1096	672	14.6	1.6	.8	.6	.4	46.3	460.0
TOT PCT	.4	1.0	4.2	6.2	23.8	14.6							100.0

PERIOD: (PRIMARY) 1959-1971
(OVER-ALL) 1970-1971

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AREA 0002 OA MAND
15.8M 109.0E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM > 4/8) AND VSBY (MM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	= OR > 1	VSBY (MM) = OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
= OR > 5000	1.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
= OR > 3500	2.1	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6
= OR > 2000	11.1	17.9	18.2	18.2	18.2	18.2	18.2	18.2	18.2
= OR > 1000	21.3	40.0	41.8	42.0	42.0	42.0	42.0	42.0	42.0
= OR > 600	22.3	45.0	47.8	48.1	48.2	48.2	48.2	48.2	48.2
= OR > 300	22.6	47.7	51.7	52.2	52.3	52.3	52.3	52.3	52.3
= OR > 150	22.6	48.3	52.6	53.2	53.3	53.3	53.3	53.3	53.3
= OR > 0	22.7	48.4	52.7	53.4	53.5	53.6	53.7	53.7	53.7
TOTAL	1043	2225	2425	2455	2465	2465	2469	2471	2471

TOTAL NUMBER OF OBS: 4601

PCT FREQ MM < 5/8: 46.3

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	9	TOTAL
	12.6	6.8	15.1	6.6	4.8	5.3	9.4	5.0	33.4	1.0	4720

PERIOD: (PRIMARY) 1959-1971
(OVER-ALL) 1870-1971

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15.8N 109.0E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VISIB (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PLP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2 NO PCP	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.4	.2	.1	.0	.0	.1	.7	1.4	.0	.0	.0	.0
2<5 NO PCP	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.6	.4	.2	.0	.0	.1	1.1	1.7	.0	.0	.0	.0
PCP	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10 NO PCP	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.1	.2	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0
10+ NO PCP	.7	11.4	10.0	11.6	4.3	1.2	2.2	7.3	.0	.0	.0	.0
TOT %	7.9	11.7	10.1	11.6	4.3	1.2	2.3	7.4	.0	.0	.0	.0
TOT OBS	13.0	16.2	12.9	16.0	6.5	2.0	8.6	20.2	.0	2.3	100.0	5225
TOT PCT	13.0	16.2	12.9	16.0	6.5	2.0	8.6	20.2	.0	2.3	100.0	5225

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PERIOD: (PRIMARY) 1959-1971
(OVER-ALL) 1870-1971

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15.8M 109.0E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSRY (MM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.1	≡	.0	≡	≡	.0	.1	.3	
	4-10	≡	.0	≡	.1	≡	.0	≡	.1	.0		.3	
	11-21	.0	.0	.0	.0	.0	.0	≡	≡	.0		≡	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT	≡	.0	≡	.2	.1	≡	.1	.0	.0	.1	.7	
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	≡	≡	
	4-10	.0	≡	≡	.0	.0	≡	.0	≡	.0		.1	
	11-21	.0	.0	.0	.0	.0	.0	≡	.1	.0		.1	
	22+	≡	.0	.0	.0	.0	.0	.0	.1	.0	≡	.1	
	TOT	≡	≡	≡	≡	.0	≡	.0	.2	.0	≡	.3	
1<2	0-3	≡	≡	.0	≡	.0	.0	.0	.0	.0	≡	.1	
	4-10	≡	≡	≡	≡	≡	≡	.1	.2	.0		.2	
	11-21	.1	.1	.0	.0	.0	.0	.0	.2	.0		.4	
	22+	.1	.0	.0	.0	.0	.0	≡	.1	.0	≡	.2	
	TOT	.2	.1	≡	.1	≡	≡	.1	.3	.0	≡	.9	
2<5	0-3	≡	≡	≡	≡	≡	≡	.0	≡	.0	.2	.4	
	4-10	.1	.2	.1	.3	.1	.1	.2	.2	.0		1.2	
	11-21	.4	.2	.1	.2	≡	.1	.0	1.0	.0		2.7	
	22+	.1	.1	≡	.0	.0	.0	.1	.4	.0		.7	
	TOT	.7	.4	.2	.4	.2	.2	1.1	1.7	.0	.2	5.0	
5<10	0-3	.1	.2	.3	.3	.3	.1	.2	.1	.0	1.2	2.0	
	4-10	1.3	1.4	2.0	1.2	.0	.0	1.2	1.0	.0		11.0	
	11-21	2.4	1.6	.0	2.0	.5	.3	2.0	5.6	.0		16.0	
	22+	1.1	.7	.1	.1	≡	.1	.5	2.5	.0		5.0	
	TOT	4.0	3.9	2.5	4.4	2.0	1.3	4.7	10.0	.0	1.2	34.0	
10+	0-3	.3	.4	.4	.5	.2	.2	.2	.2	.0	.9	3.2	
	4-10	2.6	4.5	5.6	5.7	2.5	.9	1.0	1.7	.0		24.5	
	11-21	4.0	6.1	4.2	5.5	1.7	.1	.0	3.0	.0		26.3	
	22+	1.0	1.1	.3	.2	.1	.2	.2	1.5	.0		4.3	
	TOT	7.8	12.0	10.5	11.9	4.5	1.2	2.3	7.2	.0	.9	58.3	
TOT OBS													5502
TOT PCT		13.6	16.5	13.3	17.0	6.7	2.8	0.3	19.5	.0	2.4	100.0	

PERIOD: (PRIMARY) 1959-1971
(OVER-ALL) 1870-1971

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AREA 0002, DA NANG
15.8M 109.0C

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-NM >4/8) AND
OCCURRENCE OF NM <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NM <5/8 ANY HOUR	TOTAL	NM <5/8 TOTAL
00403	.6	1.4	5.4	7.6	24.3	15.6	1.2	.8	.7	.4	58.7	41.3	1115	
06409	.3	1.0	4.7	6.3	23.0	12.8	1.5	.9	.6	.1	51.1	48.9	1170	
12415	.2	1.2	3.5	5.2	22.4	13.6	1.6	.7	1.2	.5	50.1	49.9	1213	
18421	.3	.4	3.0	5.4	24.2	16.0	2.0	.7	.7	.6	53.5	46.5	1143	
TOT	17	47	191	284	1096	672	73	35	38	19	2472	2169	4641	
PCT	.4	1.0	4.1	6.1	23.6	14.5	1.6	.8	.8	.4	53.3	46.7	100.0	

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL
00403	1.3	.4	1.5	8.0	36.2	52.5	1118
06409	.1	.3	.9	5.1	35.6	58.1	1166
12415	.7	.1	.7	4.3	39.6	54.6	1216
18421	.8	.5	.4	4.1	40.3	53.8	1144
TOT	34	15	40	248	1763	2544	4644
PCT	.7	.3	.9	5.3	38.0	54.8	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET-NM >4/8) BY HOUR

HOUR (GMT)	<150 (50YD)	<500 (15)	<1000 (30)	1000+ AND 5+	NM <5/8 AND 5+	TOTAL
00403	1.7	8.9	21.6	40.6	37.8	1118
06409	.8	6.4	15.0	37.4	47.6	1166
12415	1.3	5.9	13.2	38.2	48.6	1216
18421	1.5	5.2	12.8	42.5	44.7	1144
TOT	61	305	723	1841	2080	4644
PCT	1.3	6.6	15.6	39.6	44.8	100.0

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PERIOD: (PRIMARY) 1959-1971
(OVER-ALL) 1870-1971

AREA 0002 DA NAMG
15.8M 109.0E

TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL	PCT
									Obs	Obs
85/89	.0	.0	.1	.1	.1	.2	.2	.4	31	7
80/84	.0	.0	.0	.1	1	0	2.9	.9	246	53
75/79	.0	.0	.0	.0	1	0	9.8	15.5	1620	350
70/74	.0	.0	.0	.0	1	0	5.7	13.4	1406	302
65/69	.0	.0	.0	.0	.0	2	2.6	8.4	659	185
60/64	.0	.0	.0	.0	.0	.0	.5	3.6	459	99
55/59	.0	.0	.0	.0	.0	0	1	.2	25	5
TOTAL	.0	.0	.4	.16	.150	1013	1955	1516	4654	1000
PCT	.0	.0	.1	.3	.32	21.0	42.0	32.6		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
85/89	1	1	.1	.2	.6	0	0	0	.0	.0
80/84	4	0	.8	2.1	6	2	.0	2	.0	.1
75/79	26	6.1	7.3	11.5	3.8	1.1	.0	1.3	.0	.1
70/74	53	6.0	2.2	3.4	1.7	.9	1.8	5.7	.0	1.1
65/69	36	1.2	3	1	1	5	2.6	9.5	.0	.6
60/64	6	1	.0	.0	.0	3	4	4.7	.0	.0
55/59	0	0	0	.0	0	1	3	2	.0	.0
TOTAL	137	14.4	11.0	17.3	6.3	3.0	9.5	21.6	0	2.4

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL
								Obs	Obs
00403	86	82	79	73	62	60	56	72.3	1355
06403	89	86	82	76	63	60	57	74.6	1487
12415	85	82	79	74	63	60	58	72.7	1452
18421	82	79	78	73	63	60	57	71.8	1408
TOT	89	83	80	74	63	60	56	72.9	5782

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
										Obs
00403	.0	.0	.3	.2	.2	.21	.0	.42	.9	337
06403	.0	.0	1.2	.8	.8	.36	.6	.33	.8	19.6
12415	.0	.0	.2	.1	.4	.17	.1	.46	.8	34.6
18421	.0	.0	.1	.6	.6	.12	.6	.44	.3	42.4
TOT	.0	.0	.20	.150	.150	.1013	.1955	.1516	.05	4655

PERIOD: (PRIMARY) 1959-1971
(OVER-ALL) 1870-1971

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AREA 0002 OR MANG
15.0M 109.0E

TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	53	57	61	65	69	73	77	81	85	89	92	TOT	M FEG	W FEG
17/19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0	.0
14/16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	.0	.1
11/13	.0	.0	.0	.0	.0	.1	.1	.1	.2	.0	.0	17	.0	.3
9/10	.0	.0	.0	.0	.1	.1	.2	.3	.1	.0	.0	42	.0	.0
7/8	.0	.0	.0	.1	.1	.3	.8	.5	.1	.0	.0	99	.1	1.0
6	.0	.0	.0	.1	.1	.4	.8	.5	.1	.0	.0	98	.1	1.0
5	.0	.0	.1	.2	.2	.8	1.3	.4	.0	.0	.0	146	.1	2.0
4	.0	.0	.2	.4	.4	1.5	1.3	.7	.0	.0	.0	205	.1	3.9
3	.0	.1	.4	.4	1.0	2.8	2.9	.4	.0	.0	.0	239	.3	4.4
2	.0	.3	.6	.6	1.3	3.1	2.4	.1	.0	.0	.0	393	.4	7.3
1	.0	.5	.7	.7	1.6	5.3	3.1	.2	.0	.0	.0	409	.5	7.5
0	.0	.9	.8	.8	1.5	4.5	1.6	.0	.0	.0	.0	581	.2	11.0
-1	.0	.2	.7	1.3	2.1	5.8	1.1	.0	.0	.0	.0	496	.4	19.2
-2	.0	.2	1.0	1.5	1.6	3.5	.8	.0	.0	.0	.0	572	.3	10.3
-3	.0	.3	.4	1.1	2.4	2.5	.3	.0	.0	.0	.0	450	.1	8.7
-4	.0	.3	.6	1.6	1.5	1.5	.1	.0	.0	.0	.0	355	.2	6.7
-5	.0	.1	.6	1.6	1.5	.8	.1	.0	.0	.0	.0	282	.1	5.4
-6	.0	.1	1.0	.9	1.5	.6	.0	.0	.0	.0	.0	222	.1	4.2
-7/-8	.0	.1	1.1	2.2	2.0	.6	.0	.0	.0	.0	.0	307	.1	5.9
-9/-10	.0	.3	.6	1.1	.6	.1	.0	.0	.0	.0	.0	139	.0	2.7
-11/-13	.0	.1	.3	.6	.1	.0	.0	.0	.0	.0	.0	54	.0	1.1
-14/-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	.0	.1
-17/-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	.0	.0
TOTAL												5118		
PCT	.0	1.5	8.0	13.6	18.4	35.3	19.0	3.5	.6	.0	.0	100.0	3.4	96.6

PERIOD: (OVER-ALL) 1963-1971

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TABLE 18

AREW 0002 DA MANG
15.8M 109.0E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.3	1.4	.5	.0	.0	.0	1.7	.5	1.2	.0	.0	.0	.0	1.7
1-2	.1	1.8	2.4	.0	.0	.0	4.3	.1	2.3	2.2	.0	.0	.0	4.6
3-4	.1	1.7	2.9	1.1	.0	.0	4.7	.1	1.4	3.2	.4	.0	.0	5.0
5-6	.0	.1	1.1	.5	.0	.0	1.6	.0	.1	1.3	.3	.0	.0	1.8
7	.0	.1	.5	.6	.0	.0	1.0	.0	.1	.3	.1	.0	.0	.5
8-9	.0	.0	.2	.1	.0	.0	.2	.0	.0	.3	.2	.0	.0	.5
10-11	.0	.0	.2	.2	.0	.0	.4	.0	.0	.1	.2	.0	.0	.3
12	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.5	4.0	7.1	2.6	.0	.0	14.2	.6	5.0	7.5	1.4	.0	.0	14.5

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.4	1.5	.1	.0	.0	.0	2.1	.7	2.7	.1	.0	.0	.0	3.5
1-2	.2	2.9	2.4	.0	.0	.0	5.5	.2	3.9	5.7	.0	.0	.0	9.9
3-4	.1	1.9	1.9	.1	.0	.0	3.4	.1	.6	2.1	.2	.0	.0	3.0
5-6	.0	.1	.5	.1	.0	.0	.7	.0	.1	.1	.0	.0	.0	.2
7	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.7	6.1	5.0	.2	.0	.0	12.0	1.0	7.4	8.1	.2	.0	.0	16.6

AREA 0002 ON HANG
; 5.8M 109.0E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

[illegible][illegible]

PERIOD. (OVER-ALL) 1963-1971
 FEBRUARY
 AREA 0002 DA MANG
 15.8M 109.0C

TABLE 18 (CONT)

WIND SPEED (KTS)	VS SEA HEIGHT (FT)										TOT HRS
	0-3	4-10	11-21	22-33	34-47	48+	48+	48+	48+	48+	
0-3	5.5	12.0	1.4	0	0	0	0	0	0	0	17.9
4-10	1.2	16.9	22.7	0	0	0	0	0	0	0	40.8
11-21	2	5.1	18.4	4.7	0	0	0	0	0	0	28.3
22-33	0	0	4.4	2.2	1	0	0	0	0	0	7.2
34-47	0	0	1.5	1.5	0	0	0	0	0	0	3.1
48+	0	0	0	0	0	0	0	0	0	0	1.2
TOT	0	0	0	0	0	0	0	0	0	0	109.0
PCT	0	0	0	0	0	0	0	0	0	0	100.0
TOT PCT	6.5	34.6	48.3	9.9	2	0	0	0	0	0	3200

TABLE 19

PERIOD- (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																TOTAL	MEAN HGT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
1-2	5	23	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

PERIOD: (PRIMARY) 1951-1971
(OVER-ALL) 1969-1971

MARCH

AREA 0002 DA NAME
15.9N 108.9E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHUR	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL 00S
				FRZG	FRZG	SNOW	OTHER					PCPN	FOG	SMOKE	DUST	NO	SIG	
M	4																	
NE	2																	
E	1																	
SE	1																	
S	1																	
SW	1																	
W	2																	
NW	5																	
VAR	0																	
CALM	0																	
TOT 00S	98																	
TOT PCT	1.8																	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHUR	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL 00S
				FRZG	FRZG	SNOW	OTHER					PCPN	FOG	SMOKE	DUST	NO	SIG	
0000	2.3																	
0600	1.0																	
1200	1.9																	
1800	1.8																	
TOT	98																	
PCT	1.8																	

PR180: (PRIMARY) 1951-1971
(SEVER-ALL) 1869-1971

MARCH

AREA 0002 DA NAME
15.9N 108.9E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					18	21
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12	15					
N	.6	4.9	4.2	.9	.1	.0	.0	10.7	11.6	13.3	11.8	11.7	7.1	9.2	10.1					
NE	.8	6.3	6.0	.9	.1	.0	.0	14.0	11.6	14.6	15.1	15.1	12.2	12.0	15.4					
E	.8	9.3	5.9	.4	.0	.0	.0	16.3	10.1	17.7	19.6	18.8	15.1	14.3	14.6					
SE	.9	10.5	12.9	.6	.0	.0	.0	25.0	11.3	21.1	21.0	28.4	28.4	27.8	22.7					
S	.6	6.0	5.7	.3	.0	.0	.0	12.6	10.8	15.5	13.9	11.5	12.6	14.4	16.0					
SW	.4	1.5	1.4	.0	.0	.0	.0	2.4	17.4	1.7	1.9	1.5	1.6	2.5	2.8					
W	.2	2.4	1.7	.0	.0	.0	.0	4.7	11.3	7.1	5.0	4.1	4.7	5.7	6.2					
NW	.5	4.6	5.1	1.4	.1	.0	.0	11.7	13.0	13.3	13.3	11.8	15.7	11.0	10.1					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CALM	2.5	2050	2632	319	14	.0	6285	2.5	11.0	2.3	3.0	2.2	2.2	3.0	2.2					
TOT OBS	470	2850	2632	319	14	.0	6285	1144	398	1109	498	1128	370	1142	496					
TOT PCT	7.5	45.3	41.9	5.1	.2	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0					

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					21		
	0-6	7-16	17-27	28-40	00					03	06	09	12	15		18	
N	2.5	6.0	2.1	.2	.0	.0		10.7	11.6	9.8	12.9	10.5	9.4				
NE	2.9	8.6	2.3	.3	.0	.0		14.0	11.6	14.1	14.0	14.4	13.0				
E	4.1	10.6	1.6	.1	.0	.0		16.3	10.1	14.0	18.3	17.9	14.4				
SE	4.7	16.9	3.4	.0	.0	.0		25.0	11.3	21.1	23.8	28.8	26.3				
S	2.8	8.2	1.6	.0	.0	.0		12.6	10.8	15.1	11.2	9.2	14.9				
SW	1.2	1.0	1.1	.0	.0	.0		2.4	17.4	3.4	1.7	1.9	2.6				
W	1.4	2.2	1.1	.1	.0	.0		4.7	11.3	6.5	2.3	4.3	5.9				
NW	2.3	6.0	3.0	.4	.0	.0		11.7	13.0	12.2	12.9	11.1	10.7				
VAR	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0				
CALM	2.5				.0	.0		2.5	1.0	3.1	2.2	1.9	2.7				
TOT OBS	1532	3728	955	68	2	6285			11.0	1542	1607	1498	1628				
TOT PCT	24.4	59.3	15.2	1.1	.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0				

PERIOD: (PRIMARY) 1951-1971
 (OVER-ALL) 1869-1971
 MARCH
 AREA 0002 DA MANG
 15.9M 100.9C

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)										
HOUR	CALM	1-3			4-10			WIND SPEED (KNOTS)		
		1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT FREQ	
0000	3.1	5.6	48.2	38.7	4.3	.1	.0	10.4	100.0	
0600	2.2	5.6	42.6	42.9	5.3	.4	.0	11.2	100.0	
1200	1.9	3.7	43.7	45.5	5.0	.1	.0	11.4	100.0	
1800	2.7	4.8	46.9	40.5	4.7	.3	.0	10.8	100.0	
TOT	158	312	2850	2832	319	14	.0	11.0	100.0	
PCT	2.5	5.0	45.3	41.9	5.1	.2	.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION									
WIND DIR	0-2	3-4	5-7	8-6	00SCD	TOTAL CLOUD OBS	MEAN CLOUD COVER		
							MEAN	CLOUD	TOTAL
N	1.9	1.0	2.6	5.3		5.9	5.9		
NE	3.1	1.7	4.3	3.4		5.0	5.0		
E	6.4	2.7	4.4	2.6		3.9	3.9		
SE	14.0	4.0	4.9	2.8		3.0	3.0		
S	6.4	1.8	2.1	1.1		2.9	2.9		
SW	.7	.3	.6	.9		2.0	2.0		
W	.7	.2	.8	3.5		6.5	6.5		
NW	1.5	.8	2.6	8.0		6.6	6.6		
VAR	.0	.0	.0	.0		.0	.0		
CALM	.9	.2	.6	.9		4.8	4.8		
TOT OBS	1716	622	1097	1377		4812			
TOT PCT	35.7	12.9	22.8	28.6		100.0			

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. M) 1/4/8 AND OCCURRENCE OF NM 1/8 BY WIND DIRECTION														
WIND DIR	0-2	3-4	5-7	8-6	00SCD	TOTAL CLOUD OBS	CEILING HEIGHTS (FT. M) 1/4/8							
							000	149	150	299	300	599	600	7999
N	1.9	1.0	2.6	5.3		5.9	.1	.0	.0	.1	.3	.6	3.5	2.0
NE	3.1	1.7	4.3	3.4		5.0	.3	.0	.1	.7	2.5	2.5	2.5	2.5
E	6.4	2.7	4.4	2.6		3.9	.2	.2	.2	.3	2.1	1.6	1.6	1.6
SE	14.0	4.0	4.9	2.8		3.0	.2	.2	.2	.4	2.3	1.5	.3	.3
S	6.4	1.8	2.1	1.1		2.9	.2	.2	.2	.2	1.0	.9	.9	.9
SW	.7	.3	.6	.9		2.0	.1	.1	.1	.1	.6	.4	.4	.4
W	.7	.2	.8	3.5		6.5	.2	.2	.2	.6	2.0	.8	.8	.8
NW	1.5	.8	2.6	8.0		6.6	.2	.0	.0	1.1	5.0	2.1	.4	.4
VAR	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.9	.2	.6	.9		4.8	.0	.0	.0	.2	.3	.4	.2	.2
TOT OBS	1716	622	1097	1377		4812	48	8	8	91	201	934	587	73
TOT PCT	35.7	12.9	22.8	28.6		100.0	1.0	.2	.2	1.9	4.2	19.4	12.2	1.5

PERIOD: (PRIMARY) 1951-1971
(OVER-ALL) 1959-1971

MARCH

AREA 0002 DR MANG
15.9M 108.9E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MH > 4/8) AND VSBY (NM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	VSBY (NM) = OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	1.2	1.9	1.9	1.9	1.9	1.9	2.0	2.0
= OR > 5000	1.5	2.2	2.3	2.3	2.3	2.3	2.4	2.4
= OR > 3500	2.0	3.7	3.8	3.8	3.8	3.9	3.9	3.9
= OR > 2000	9.1	15.6	16.0	16.0	16.0	16.1	16.1	16.1
= OR > 1000	16.5	33.6	35.2	35.3	35.4	35.5	35.5	35.5
= OR > 600	17.6	36.5	38.0	38.0	38.0	38.6	38.6	38.6
= OR > 300	17.8	37.8	40.7	41.2	41.4	41.5	41.5	41.5
= OR > 150	17.8	37.8	40.8	41.4	41.5	41.7	41.7	41.7
= OR > 0	17.9	38.1	41.4	42.0	42.2	42.4	42.6	42.7
TOTAL	859	1832	1988	2018	2030	2039	2046	2051

TOTAL NUMBER OF OBS: 4805

PCT FREQ MH < 5/8: 57.3

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (HEIGHTS):

0	1	2	3	4	5	6	7	8	9	TOTAL
10.6	9.0	17.0	7.0	4.7	4.9	8.3	5.0	23.0	2.2	4963

PERIOD: (PRIMARY) 1951-1971
(OVER-ALL) 1869-1971

MARCH

AREA 0002 DA MAND
15.9N 108.9E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSØY (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL ØØS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
1/2 NO PCP	.2	.1	.2	.4	.2	.0	.1	.3	.0	.0	.1	1.5
TOT N	.2	.1	.2	.4	.2	.0	.1	.3	.0	.0	.1	1.6
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
1/2<1 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
TOT N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
PCP	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	
1/2 NO PCP	.1	.1	.1	.1	.0	.0	.1	.1	.0	.1	.7	
TOT N	.2	.1	.1	.1	.0	.0	.1	.2	.0	.1	1.0	
PCP	.3	.1	.1	.0	.0	.1	.2	.5	.0	.1	1.3	
2<5 NO PCP	.4	.3	.5	.6	.3	.2	.2	.4	.0	.2	3.1	
TOT N	.7	.4	.6	.6	.4	.3	.4	.9	.0	.3	4.4	
PCP	.5	.2	.1	.1	.0	.1	.4	.7	.0	.0	2.2	
5<10 NO PCP	.4	.3	.5	.6	.3	.2	.2	.4	.0	.8	3.4	
TOT N	.9	.5	.6	.7	.3	.3	.6	1.1	.0	.8	5.6	
PCP	.1	.1	.1	.0	.0	.0	.2	.1	.0	.0	.6	
10+ NO PCP	.0	.5	.6	.6	.0	.2	.6	.9	.0	.0	1.3	
TOT N	.1	.6	.7	.6	.0	.2	.8	1.0	.0	.0	1.9	
TOT ØØS	11.0	13.5	16.1	25.5	11.8	2.3	5.1	12.2	.0	2.4	100.0	5550

AREA 0002 DA HANG
15-5N 100.9E

MASCH

PERIOD: (PRIMARY) 1951-1971
(OVER-ALL) 1959-1971

TABLE 5
PERCENT FREQ OF WIND DIRECTION VS. WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (M)	SPD (KTS)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT OBS	TOTAL OBS
0-3	0-3	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.2	
4-10	4-10	.1	.1	.2	.1	.1	.1	.1	.2	.0	.0	1.0	
11-21	11-21	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	
22+	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	
TOT N		.2	.2	.3	.2	.2	.2	.2	.3	.0	.0		
0-3	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
4-10	4-10	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.2	
11-21	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
22+	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
TOT N		.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.5	
0-3	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
4-10	4-10	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.4	
11-21	11-21	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.3	
22+	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
TOT N		.2	.2	.2	.2	.2	.2	.2	.2	.0	.1	1.0	
0-3	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	
4-10	4-10	.2	.2	.2	.2	.2	.2	.2	.3	.0	.3	1.9	
11-21	11-21	.3	.2	.2	.2	.2	.2	.2	.3	.0	.0	1.7	
22+	22+	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.3	
TOT N		.7	.4	.6	.6	.4	.3	.3	.9	.0	.3	4.4	
0-3	0-3	.2	.3	.3	.3	.2	.2	.1	.3	.0	.0	2.7	
4-10	4-10	2.1	1.7	2.7	3.2	1.4	.5	1.2	2.0	.0	.0	14.8	
11-21	11-21	1.7	1.7	2.1	4.2	1.1	.1	1.0	2.3	.0	.0	14.2	
22+	22+	.5	.4	.2	.4	.1	.3	.2	.8	.0	.0	2.6	
TOT N		4.6	4.1	5.3	8.0	2.9	.3	2.5	5.3	.0	.0	34.4	
0-3	0-3	.3	.4	.5	.3	.3	.1	.1	.2	.0	.0	3.6	
4-10	4-10	2.4	3.9	5.7	6.5	3.9	.9	.9	2.0	.0	.0	28.3	
11-21	11-21	2.2	4.2	3.6	8.7	4.3	.2	.6	2.4	.0	.0	26.1	
22+	22+	.3	.5	.2	.3	.2	.2	.2	.5	.0	.0	2.2	
TOT N		5.2	9.0	9.9	16.0	8.6	1.2	1.8	5.1	.0	.0	58.3	
TOT OBS		10.8	13.8	16.2	25.2	12.2	2.4	4.9	12.0	.0	.0	5876	
TOT PCT													

PERIOD: (PRIMARY) 1951-1971
(OVER-ALL) 1959-1971

MARCH

AREA 0002 DA NANG
15.9N 102.9E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MM >4/9) AND
OCCURRENCE OF MM <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MM <5/8 ANY HGT	TOTAL
0000	1.5	.2	2.3	5.5	21.4	13.1	1.7	.4	.7	1.0	48.3	51.7	1241
0600	1.5	.2	2.3	3.4	17.5	10.1	1.8	.3	.0	1.1	39.0	61.0	1174
1200	.5	.2	1.5	3.6	19.1	11.2	1.5	.5	1.7	.6	40.3	59.7	1206
1800	.5	.2	.9	4.0	18.7	13.7	1.0	.4	1.3	.5	41.1	58.9	1243
TOT	48	8	91	201	934	587	73	19	55	39	2055	2809	4864
PCT	1.0	.2	1.9	4.1	19.2	12.1	1.5	.4	1.1	.8	42.2	57.8	100.0

TABLE 11

PERCENT FREQUENCY VSBY (MM) BY HOUR

HOUR (GMT)	11/2	1/2<1	1/2	2/5	5/10	10+	TOTAL
0000	3.0	1.2	1.3	7.7	35.2	51.5	1261
0600	1.6	.7	.9	4.6	36.5	55.7	1184
1200	.7	.2	1.0	2.9	40.8	54.4	1200
1800	1.3	.1	.7	3.6	38.1	56.2	1242
TOT	81	26	49	232	1839	2660	4887
PCT	1.7	.5	1.0	4.7	37.6	54.4	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (MM) AND/OR
CEILING HGT (FEET-MM >4/8) BY HOUR

HOUR (GMT)	<150 (5070)	<600 (11)	<1000 (5)	<1000+ AND 5+	MM <5/8 AND 5+	TOTAL
0000	00603	4.3	8.3	18.9	35.4	45.7
0600	06609	3.0	6.0	12.9	29.1	57.9
1200	12615	1.3	3.1	8.0	33.8	58.3
1800	18621	2.1	3.2	9.8	33.7	56.4
TOT	130	253	609	1616	2661	4887
PCT	2.7	5.2	12.5	33.1	54.5	100.0

MARCH

PERIOD: (PRIMARY) 1951-1971
(OVER-ALL) 1869-1971

AREA 0002 DA HANG
15.9N 108.9E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
90/94	.0	.0	.0	.0	.1	.2	.5	.3	.0	.0	9	1.2
85/89	.0	.0	.0	.1	.2	.6	3.3	4.1	2.0	.0	53	1.1
80/84	.0	.0	.0	.0	.0	.5	5.4	19.6	16.7	.0	477	10.0
75/79	.0	.0	.0	.0	.0	.3	3.2	12.9	19.6	.0	2018	42.3
70/74	.0	.0	.0	.0	.0	.1	.8	3.2	4.5	.0	1722	36.1
65/69	.0	.0	.0	.0	.0	.0	.1	.5	1.0	.0	410	8.6
60/64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	76	1.6
55/59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	.1
TOTAL	1	0	3	8	83	639	1936	2100			4770	100.0
PCT	.0	.0	.1	.2	1.7	13.4	40.6	44.0				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
M	NE	E	SE	S	SW	W	NW	VAR	CALM	
.0	.0	.1	.5	.2	.0	.0	.0	.0	.0	.0
.1	.1	.2	.5	.2	.0	.0	.0	.0	.0	.0
.4	1.0	1.9	3.9	2.0	.1	.2	.2	.0	.1	.1
3.5	5.6	7.8	14.0	6.2	1.0	.9	2.4	.0	.2	.2
5.0	5.1	5.9	6.5	2.0	1.0	2.6	6.8	.0	1.2	.8
1.8	.3	.3	.7	.4	.3	1.5	3.1	.0	.3	.3
.1	.0	.0	.0	.0	.1	.7	.7	.0	.0	.0
.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
10.9	12.0	16.2	25.6	10.9	2.6	5.7	13.1	.0	2.7	

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL	
00403	92	84	81	75	68	62	58	74.9	1535	885
06409	94	89	84	78	69	64	60	77.2	1589	885
12415	92	86	81	75	68	63	60	75.2	1496	885
18421	84	81	79	75	68	62	59	74.2	1635	885
TOT	94	86	82	76	68	63	58	75.4	6255	885

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00403	.1	.1	.1	.1	1.2	11.3	42.5	44.9	.88	885
06409	.0	.0	.5	.5	4.6	27.7	43.8	23.3	.83	1199
12415	.0	.0	.3	.3	1.0	9.2	44.3	45.2	.88	1196
18421	.0	.1	.1	.4	.4	6.5	32.2	60.9	.90	1247
TOT	1	11	11	83	640	1936	2101		.87	4772

PERIOD: (PRIMARY) 1951-1971
(OVER-ALL) 1869-1971

MARCH

AREA 0002 OR MARG
15.9N 106.0E

TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	57	61	65	69	73	77	81	85	89	93	TOT	M	W	MO
17-19	0	0	0	0	0	0	0	1	0	0	6	1	1	1
14-16	0	0	0	0	0	0	0	1	1	1	25	1	1	2
11-13	0	0	0	0	0	1	2	1	1	1	40	1	1	6
8-10	0	0	0	0	0	3	6	4	3	1	95	1	1	10
7-8	0	0	0	0	0	1	0	0	0	0	184	3	3	25
6	0	0	0	0	0	1	1	0	0	0	164	4	4	40
5	0	0	0	0	0	1	1	0	0	0	202	4	4	50
4	0	0	0	0	0	1	1	0	0	0	354	6	6	60
3	0	0	0	0	0	1	1	0	0	0	387	8	8	60
2	0	0	0	0	0	1	1	0	0	0	546	8	8	70
1	0	0	0	0	0	1	1	0	0	0	468	7	7	130
0	0	0	0	0	0	1	1	0	0	0	766	4	4	80
-1	0	0	0	0	0	1	1	0	0	0	467	4	4	80
-2	0	0	0	0	0	1	1	0	0	0	460	4	4	80
-3	0	0	0	0	0	1	1	0	0	0	376	3	3	60
-4	0	0	0	0	0	1	1	0	0	0	294	2	2	50
-5	0	0	0	0	0	1	1	0	0	0	228	1	1	40
-6	0	0	0	0	0	1	1	0	0	0	122	1	1	20
-7-8	0	0	0	0	0	1	1	0	0	0	25	0	0	5
-9-10	0	0	0	0	0	1	1	0	0	0	0	0	0	1
-11-13	0	0	0	0	0	1	1	0	0	0	0	0	0	1
-14-16	0	0	0	0	0	1	1	0	0	0	0	0	0	1
TOTAL	0	0	0	0	0	0	0	0	0	0	5432	0	0	1
PCT	0	1.2	4.5	20.3	35.9	28.7	7.6	1.2	0.2	0.2	100.0	6.9	93.1	

PERIOD: (OVER-ALL) 1963-1971

MARCH

TABLE 18

AREA 0002 DA MANG
15.8M 10M.9E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N				NE				48+	PCT			
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10			11-21	22-33	34-47
41	.5	2.8	.1	.0	.0	.0	.2	1.8	.1	.0	.0	.0	2.1
1-2	.1	2.5	2.0	.0	.0	.0	.3	2.7	2.0	.0	.0	.0	5.0
3-4	.1	.4	1.5	.4	.0	.0	.1	1.1	1.7	.3	.0	.0	3.2
5-6	.0	.1	.4	.1	.0	.0	.0	.1	.6	.1	.0	.0	.7
7	.0	.1	.2	.1	.0	.0	.0	.1	.4	.1	.0	.0	.6
8-9	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.2
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.6	5.7	4.2	.7	.0	.0	.6	5.7	5.0	.6	.0	.0	12.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+
41	.5	2.6	.1	.0	.0	.0	.5	3.2	.1	.0	.0	.0
1-2	.1	4.9	4.2	.0	.0	.0	.2	9.3	9.7	.0	.0	.0
3-4	.1	1.1	1.8	.2	.0	.0	.1	2.2	4.2	.4	.0	.0
5-6	.0	.1	.3	.1	.0	.0	.0	.1	.2	.0	.0	.0
7	.0	.1	.1	.1	.0	.0	.0	.0	.2	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	.7	8.7	6.6	.3	.0	.0	.7	9.8	14.4	.4	.0	.0

ARCA 0002 LA MNG
15.3N 108.9E

TABLE 2

MARCH:

1963-1971

ARCA 0002 64 MAG
15.9M 100.9C

15. 9M 100. 1C

PCY FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

[illegible]

NOI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81																			

AREA 0002 DA MANG
15.9N 108.9E

MARCH

PERIOD: (OVER-ALL) 1963-1971

TABLE 18 (CONT)

WGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT BOS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
41	5.1	16.8	.7	.0	.0	.0	23.6	
1-2	1.1	22.1	24.8	.0	.0	.0	48.1	
3-4	.2	5.6	14.9	2.2	.0	.0	23.0	
5-6	.0	.4	2.5	.8	.1	.0	3.8	
7	.0	.1	1.1	.5	.0	.0	1.7	
8-9	.0	.1	.2	.2	.0	.0	.4	
10-11	.0	.0	.0	.1	.0	.0	.1	
12	.0	.0	.0	.1	.0	.0	.1	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-73	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	6.5	45.1	44.3	3.9	.1	.0	100.0	
							3230	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																		TOTAL	MEAN HGT	
	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+			
46	4.7	32.8	23.5	2.1	1.5	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2538	3
6-7	.5	3.6	6.6	2.7	1.6	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	530	4
8-9	.5	.9	1.4	.7	.5	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	165	4
10-11	.0	.5	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	57	5
12-13	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8	5
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
INDCT	2.6	4.6	3.9	.5	.5	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	475	2
TOTAL	301	162	1378	277	169	50	21	9	6	2	0	0	0	0	0	0	0	0	0	3834	3
PCT	7.9	42.3	35.9	7.2	4.4	1.3	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

APRIL														
TABLE 1														
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION														
PERIOD: (PRIMARY) 1954-1971 (OVER-ALL) 1969-1971	WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			TOTAL PCPN AT 00 TIME %	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
					PCPN	FRZG	SNOW			FOG	SMOKE	DUST	NO BLDG	
	N	.3	.1	.1	.0	.0	.0	.4	.1	.4	.7	.0	6.4	
	NE	.1	.1	.1	.0	.0	.0	.2	.1	.2	1.7	.0	7.7	
	E	.1	.1	.1	.0	.0	.0	.1	.4	.4	1.4	.0	13.1	
	SE	.1	.1	.1	.0	.0	.0	.1	.4	.8	3.0	.0	28.3	
	S	.1	.1	.1	.0	.0	.0	.1	.4	.1	1.0	.0	15.4	
	SW	.1	.1	.1	.0	.0	.0	.1	.4	.3	.4	.0	2.5	
	W	.1	.1	.1	.0	.0	.0	.4	.1	.4	.6	.0	2.9	
	NW	.4	.1	.4	.0	.0	.0	.7	.1	1.0	.6	.0	6.2	
	VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	CALM	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.0	1.5	
	TOT OBS	22	20	42	.0	.0	.0	119	47	230	451	1	4460	5308
	TOT PCT	1.2	.4	.8	.0	.0	.0	2.2	.9	4.3	8.5	.0	44.0	

TABLE 2																
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR																
HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL 00S
				PCPN	FRZG	SNOW					FOG	SMOKE	W0	HAZE	6' MG SNOW	
0003	1.3	.4	.7	.0	.0	.0	.0	2.3	.0	.0	9.2	9.3	.0	79.1		
0609	1.1	.4	.7	.0	.0	.0	.0	2.0	.0	.0	2.9	13.2	.1	81.8		
1215	1.6	.5	1.1	.0	.0	.0	.0	2.3	2.0	2.0	2.1	7.4	.0	88.3		
1821	1.6	.2	.7	.0	.0	.0	.0	2.4	1.7	3.0	3.0	3.8	.0	89.1		
TOT	62	20	42	.0	.0	.0	.0	119	48	230	451	451	1	4464	5313	
PCT	1.2	.4	.8	.0	.0	.0	.0	2.2	.9	.9	4.3	8.5	.7	84.0		

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1869-1971

APRIL

AREA 0002 DA NAMG
15.9M 100.9C

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					
	0-3	4-10	11-21	22-33	34-47	00	03	06	09	12					15	18	21			
N	1.6	4.1	2.5	.6	.1	.0	7.9	11.0	5.6	8.5	10.9	9.7	8.3	6.1	6.0	6.2				
NE	1.0	5.3	2.8	.1	.0	.0	9.3	9.1	8.2	7.7	12.2	9.2	10.0	6.4	9.1	8.0				
E	.8	8.7	5.1	.2	.0	.0	14.9	9.6	10.8	14.2	16.6	17.2	17.7	16.2	13.2	14.1				
SE	1.1	14.5	15.3	.3	.0	.0	31.8	11.2	27.8	28.1	28.3	34.2	35.1	38.2	33.5	33.4				
S	.7	8.3	9.2	.5	.0	.0	18.8	11.3	22.2	17.9	17.3	15.3	15.1	18.1	20.3	22.1				
SW	.4	2.1	1.6	.0	.0	.0	3.2	7.7	5.6	1.5	2.1	2.5	2.9	2.8	4.1	1.8				
W	.4	1.1	1.1	.2	.0	.0	3.9	9.2	7.3	5.9	2.7	1.6	2.3	2.2	4.1	4.7				
NW	.4	1.7	3.2	.6	.0	.0	7.9	11.4	9.1	13.2	8.6	8.8	6.3	6.9	6.3	5.5				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0				
CALM	2.4	29.2	24.02	18.3	7	.0	2.4	10.3	3.4	2.9	1.3	1.6	1.3	3.2	2.6	4.2				
TOT OBS	475	2922	2402	183	7	.0	6023	100.0	1054	407	1120	510	1043	380	1014	495				
TOT PCT	8.0	47.0	39.9	3.0	.1	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40	00					03	06	09	12	15	18	21	
N	2.3	4.1	1.2	.2	.0	7.9	11.0	6.4	10.5	7.7	6.6						
NE	3.4	5.1	.7	.0	.0	9.3	9.1	8.1	11.2	9.1	8.7						
E	4.2	9.5	1.2	.0	.0	14.9	9.6	11.7	16.8	17.3	13.5						
SE	6.0	21.4	4.4	.0	.0	31.8	11.2	27.9	30.2	35.9	33.4						
S	3.7	11.7	3.4	.0	.0	18.8	11.3	21.0	16.7	16.6	20.9						
SW	1.6	1.4	.1	.0	.0	3.2	7.7	4.4	2.2	2.2	3.3						
W	1.6	1.9	.4	.0	.0	3.9	9.2	6.9	2.3	2.2	4.3						
NW	1.9	4.5	1.4	.1	.0	7.9	11.4	10.2	8.7	6.4	6.0						
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
CALM	2.4	29.2	24.0	18.3	7	6023	2.4	10.3	3.4	2.9	1.3	1.6	1.3	3.2	2.6	4.2	
TOT OBS	1625	3595	771	32	.0	6023	100.0	1461	1630	1423	1509						
TOT PCT	27.0	59.7	12.8	.5	.0	100.0	100.0	100.0	100.0	100.0	100.0						

PERIOD: (PRIMARY) 1954-1971
 (OVER-ALL) 1869-1971

APRIL

AREA 0002 DA MANG
 15.9M 108.9C

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT
								FRQ	FRQ
00403	3.3	7.0	51.7	34.6	3.2	.1	.0	9.8	100.0
06409	1.4	4.8	47.4	43.3	3.0	.1	.0	10.6	100.0
12415	1.8	4.8	47.2	43.1	3.1	.1	.0	10.6	100.0
18421	3.1	5.7	49.9	38.3	2.9	.1	.0	10.1	100.0
TOT	144	335	2951	2402	183	7	.0	10.3	100.0
PCT	2.4	5.6	49.0	39.9	3.0	.1	.0		

TOTAL
OBS

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT
 BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & 08SC0	TOTAL OBS	MEAN CLOUD COVER
N	1.5	1.0	2.5	3.2		5.6
NE	2.6	1.9	2.5	1.8		4.4
E	6.1	3.0	4.2	2.0		3.7
SE	14.9	6.4	8.7	2.8		3.4
S	7.0	3.7	4.4	1.3		5.0
SW	.9	.4	1.1	.9		6.2
W	.8	.4	.9	2.3		4.9
NW	1.0	.8	2.5	4.2		4.2
VAR	.0	.0	.0	.0		
CALM	.6	.1	.8	.7		
TOT OBS	1675	842	1298	905	4720	
TOT PCT	35.5	17.8	27.5	19.2	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH > 4/8)
 AND OCCURRENCE OF MH < 5/8 BY WIND DIRECTION

	000	150	300	500	1000	2000	3500	5000	6500	8000+	NH	45/8	TOTAL
	149	289	599	999	1999	3499	4999	6499	7999	ANY	MGT	OBS	OBS
N	.1	.1	.3	.4	1.9	.9	.2	.1	.2	.1	.3	.9	
NE	.2	.2	.2	.2	1.3	.8	.1	.1	.1	.1	.5	.8	
E	.2	.2	.1	.2	1.5	1.1	.2	.1	.4	.2	1.3		
SE	.1	.1	.1	.3	1.9	1.5	.3	.2	.5	.6	2.4		
S	.1	.0	.1	.1	1.0	.7	.3	.2	.4	.3	1.5		
SW	.1	.0	.1	.1	.4	.3	.1	.1	.1	.1	2.0		
W	.1	.0	.2	.3	1.3	.3	.1	.1	.1	.1	1.7		
NW	.1	.1	.5	.6	2.3	1.5	.2	.1	.1	.2	2.9		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	.0	.0	.0	.1	.6	.3	.0	.1	.1	.1	1.2		
TOT OBS	40	6	60	106	576	357	71	51	94	68	3231	4720	
TOT PCT	.8	.1	1.3	2.2	12.2	7.6	1.5	1.1	2.0	1.4	69.7	100.0	

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1869-1971

APRIL

AREA 0002 ON MARY
15.9M 108.9E

TABLE 7
CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	VSBY (NM) = OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	1.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4
= OR > 5000	2.3	4.4	4.4	4.5	4.5	4.5	4.5	4.5
= OR > 3500	3.0	5.8	5.9	6.0	6.0	6.0	6.0	6.0
= OR > 2000	7.1	13.0	13.4	13.5	13.5	13.6	13.6	13.6
= OR > 1000	11.9	24.3	25.5	25.7	25.7	25.7	25.8	25.8
= OR > 600	12.4	25.9	27.5	27.9	27.9	28.0	28.0	28.0
= OR > 300	12.6	26.7	28.7	29.1	29.2	29.3	29.3	29.3
= OR > 150	12.7	27.1	29.2	29.2	29.3	29.4	29.4	29.4
= OR > 0	12.7	27.1	29.2	29.8	30.1	30.2	30.2	30.3
TOTAL	599	1281	1381	1409	1420	1424	1426	1429

TOTAL NUMBER OF OBS: 4723 PCT FREQ NH < 5/8: 69.7

TABLE 7A
PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	9	TOTAL OBS
18.0	13.9	22.2	9.4	5.5	4.4	8.5	3.2	12.8	2.1	4870

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1969-1971

APRIL

AREA 0002 OA MANG
19.9M 108.9E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VISBY (MM)	N	NE	E	SE	S	SW	W	WW	VAR	CALM	PCT	TOTAL OBS
1/2 PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2 NO PCP	.1	.1	.1	.1	.1	.1	.2	.3	.0	.2	.1	1.1
TOT %	.1	.1	.1	.1	.1	.1	.2	.3	.0	.2	.1	1.1
1/2<1 PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1 NO PCP	.1	.1	.1	.1	.0	.1	.1	.2	.0	.1	.5	.5
TOT %	.1	.1	.1	.1	.0	.1	.1	.2	.0	.1	.5	.5
1<2 PCP	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.2	.2
1<2 NO PCP	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.6	.6
TOT %	.2	.2	.2	.2	.1	.1	.2	.2	.0	.0	.8	.8
2<5 PCP	.1	.0	.0	.0	.0	.0	.1	.3	.0	.2	.2	.2
2<5 NO PCP	.2	.3	.3	.4	.2	.1	.1	.4	.0	.2	2.3	2.3
TOT %	.3	.3	.3	.4	.2	.2	.2	.7	.0	.2	2.5	2.5
5<10 PCP	.3	.1	.1	.1	.1	.1	.2	.4	.0	.0	1.3	1.3
5<10 NO PCP	3.3	2.5	5.2	11.2	3.6	1.2	1.6	3.6	.0	1.0	33.3	33.3
TOT %	3.6	2.6	5.4	11.2	3.7	1.3	1.8	4.0	.0	1.0	34.6	34.6
10+ PCP	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.2	.2
10+ NO PCP	3.6	5.8	9.3	20.5	12.9	1.7	1.9	3.2	.0	.8	60.2	60.2
TOT %	3.7	5.9	9.4	20.6	13.0	1.7	1.9	3.2	.0	.8	60.4	60.4
TOT OBS	8.0	8.9	15.2	32.5	17.0	3.2	4.3	8.5	.0	2.3	100.0	100.0
TOT PCT	8.0	8.9	15.2	32.5	17.0	3.2	4.3	8.5	.0	2.3	100.0	100.0

5308

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1869-1971

APRIL

AREA 0002 DA MANG
15.9N 108.9E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL
	0-3	.1	.0	.0	.0	.0	.0	.1	.2	.0	.1	.4
	4-10	.1	.0	.1	.1	.0	.0	.1	.2	.0	.1	.6
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.1	.0	.1	.1	.0	.0	.1	.2	.0	.1	1.1
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
	4-10	.1	.1	.1	.1	.0	.0	.1	.1	.0	.1	.4
	11-21	.1	.1	.1	.1	.0	.0	.1	.1	.0	.1	.4
	22+	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3
	TOT M	.4	.3	.3	.4	.2	.1	.2	.2	.0	.1	2.9
	0-3	.2	.3	.2	.4	.1	.1	.2	.1	.0	1.0	2.7
	4-10	1.6	1.6	2.5	4.0	1.7	.9	.9	1.5	.0	14.7	14.7
	11-21	1.1	1.7	2.2	5.7	1.6	.3	.5	1.7	.0	13.9	13.9
	22+	.5	.7	1.1	.5	.1	.1	.1	.4	.0	1.7	1.7
	TOT M	3.4	2.6	5.1	10.7	3.5	1.2	1.7	3.6	.0	1.0	33.1
	0-3	.3	.7	.5	.5	.5	.2	.1	.3	.0	.9	4.1
	4-10	2.3	3.4	5.6	9.7	5.8	1.1	1.2	1.7	.0	31.0	31.0
	11-21	1.2	2.0	3.1	10.0	7.1	.3	.4	1.1	.0	25.3	25.3
	22+	.1	.1	.1	.4	.4	.0	.0	.1	.0	1.2	1.2
	TOT M	3.9	6.2	9.5	20.6	13.9	1.6	1.8	3.2	.0	.9	61.6
TOT OBS		8.0	9.2	15.1	32.1	17.7	3.1	4.2	8.3	.0	2.3	100.0
TOT PCT												5614

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1969-1971

APRIL

AREA 0002 OA MANG
15.9M 108.9C

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET.MH >4/8) AND
OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MH <5/8 ANY HGT	TOTAL
0000	1.3	.1	1.5	3.8	15.0	7.4	1.4	1.1	1.1	.9	33.7	66.3	1182
0600	1.0	.2	1.2	2.3	10.6	6.6	1.9	1.4	1.8	1.4	28.2	71.2	1252
1200	.6	.1	1.0	1.6	11.2	8.5	1.6	1.2	3.5	2.0	31.2	68.8	1217
1800	.4	.2	1.3	1.1	11.3	7.0	.9	.5	1.4	1.4	25.6	74.4	1137
TOT	40	6	60	106	576	337	71	51	94	68	1429	3359	4788
PCT	.8	.1	1.3	2.2	12.0	7.5	1.5	1.1	2.0	1.4	29.8	70.2	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL 885
0000	3.3	1.6	1.3	4.9	32.2	56.5	1214
0600	.4	.2	.7	3.5	33.5	61.6	1246
1200	.3	.1	.4	2.3	42.4	54.5	1200
1800	1.0	.4	.4	1.9	37.7	58.6	1135
TOT	59	30	35	152	1746	2773	4795
PCT	1.2	.6	.7	3.2	36.4	57.8	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET.MH >4/8) BY HOUR

HOUR (GMT)	<150	<600	<1000	1000+	MH <5/8 AND 5+	TOTAL 885
0000	5.1	7.5	15.1	24.0	61.0	1214
0600	1.9	3.4	8.5	22.5	69.0	1246
1200	.9	2.2	5.2	27.6	67.3	1200
1800	1.6	3.5	5.9	21.5	72.6	1135
TOT	115	199	418	1146	3231	4795
PCT	2.4	4.2	8.7	23.9	67.4	100.0

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1969-1971

TABLE 13

TEMP °	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP									TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100			
95/99	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0
90/94	.0	.0	.0	.0	.2	.1	.0	.0	.0	10	.4
85/89	.0	.0	.0	.0	1	.7	2.3	1.0	.1	190	4.2
80/84	.0	.0	.0	.0	.0	.7	7.2	18.3	6.4	1560	33.2
75/79	.0	.0	.0	.0	.0	.7	2.6	18.6	21.9	2059	43.9
70/74	.0	.0	.0	.0	.1	.4	1.0	3.9	9.7	710	15.1
65/69	.0	.0	.0	.0	.0	.3	.7	1.2	.6	130	2.9
60/64	.0	.0	.0	.0	.0	.0	.1	.1	.0	8	.2
TOTAL	.0	.0	.0	.0	10	121	674	43.8	1031	4692	100.0
PCT	.0	.0	.0	.0	.2	2.6	14.4	20.6	39.0		

AREA 0002 DA NANG
15.9N 108.9E

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											
N	NE	E	SE	S	SW	W	NW	VAR	CALM		
.0	.0	.0	=	.0	.0	.0	.0	.0	.0		
.0	.1	.1	=	.0	.0	.0	.0	.0	.0		
.0	.4	.0	1.4	.0	.0	.1	.0	.0	.0		
1.3	2.9	5.7	13.0	7.0	.7	.7	.1	.0	.0		
1.3	4.2	6.0	15.3	6.8	2.0	1.6	.7	.0	.1		
2.2	1.2	1.0	2.0	.5	.5	1.7	2.6	.0	1.1		
.0	.0	.0	=	.0	.1	.7	4.4	.0	.0		
.1	.0	.0	.0	.0	.0	.0	1.4	.0	.0		
.0	.0	.0	.0	.0	.0	.0	.1	.0	.0		
8.0	15.2	31.0	16.1	3.4	4.7	9.2	=	2.5			

TABLE 15

MSUR (CMF)	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR						
	MAX	99%	95%	50%	5%	MIN	TOTAL
05403	95	86	83	79	71	67	68S
06409	92	85	81	78	71	67	145A
072415	91	85	82	79	71	67	161S
08421	95	87	84	78	71	66	1420
167	95	86	82	79	71	67	1503
							599Z

TABLE 16

HOUR (GMT)	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR						MEAN	TOTAL
	0-29	30-59	60-69	70-79	80-89	90-100		
0000	0	3	1.9	12.5	45.6	39.7	87	885
0500	0	3	5.9	29.6	48.2	16.1	62	1154
1200	0	2	9.7	46.6	42.2	87	1197	1194
1800	0	10	1.1	5.3	34.8	58.0	90	1150
TOT	0	10	12.1	6.3	20.9	103.1	86	4695

PERIOD: (PRIMARY: 1954-1971
(OVER-ALL) 1952-1971)

APRIL

AREA 0002 OR RANG
15.9M 106.9E

TABLE 17

ACT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

	61	65	69	73	77	81	85	89	93	TOT	M	W	W0
	64	68	72	76	80	84	88	92	96	FOG	FOG	FOG	FOG
AIR-SEA	0	0	0	0	0	0	0	0	0	3	0	0	1
TEMP DIV	0	0	0	0	0	0	0	0	0	14	0	0	2
17-10	0	0	0	0	0	0	0	0	0	34	0	0	6
14-10	0	0	0	0	0	0	0	0	0	76	0	0	1.4
11-10	0	0	0	0	0	0	0	0	0	160	0	0	2.9
9-10	0	0	0	0	0	0	0	0	0	128	0	0	2.3
7-8	0	0	0	0	0	0	0	0	0	230	0	0	4.1
5	0	0	0	0	0	0	0	0	0	318	0	0	5.8
4	0	0	0	0	0	0	0	0	0	376	0	0	6.6
3	0	0	0	0	0	0	0	0	0	526	0	0	9.6
2	0	0	0	0	0	0	0	0	0	730	0	0	13.4
1	0	0	0	0	0	0	0	0	0	827	0	0	15.3
0	0	0	0	0	0	0	0	0	0	519	0	0	9.5
-1	0	0	0	0	0	0	0	0	0	432	0	0	6.0
-2	0	0	0	0	0	0	0	0	0	268	0	0	4.8
-3	0	0	0	0	0	0	0	0	0	209	0	0	3.7
-4	0	0	0	0	0	0	0	0	0	121	0	0	2.5
-5	0	0	0	0	0	0	0	0	0	69	0	0	1.3
-6	0	0	0	0	0	0	0	0	0	88	0	0	1.6
-7-8	0	0	0	0	0	0	0	0	0	63	0	0	1.1
-9-10	0	0	0	0	0	0	0	0	0	26	0	0	0.4
-11-12	0	0	0	0	0	0	0	0	0	7	0	0	0.1
-13-16	0	0	0	0	0	0	0	0	0	3	0	0	0.1
-17-19	0	0	0	0	0	0	0	0	0	5237	0	0	93.6
TOTAL	0	0	0	0	0	0	0	0	0	100.0	0	0	0
PCT	0	0	0	0	0	0	0	0	0	100.0	0	0	0

PERIOD: (OVER-ALL) 1963-1971

APRIL
TABLE 10

AREA 0002 OA NAME
15.9N 108.9E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT (1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	1-3	4-10	11-21	22-33	34-47	48+	PCT	NE				48+	PCT
								1-3	4-10	11-21	22-33	34-47	
1	.5	1.5	.0	.0	.0	.0	2.1	.6	2.0	.1	.0	.0	2.6
2	.2	2.1	1.4	.0	.0	.0	3.7	.2	2.4	1.2	.0	.0	3.9
3	.1	.5	.0	.2	.0	.0	1.5	.1	.6	1.1	.1	.0	1.8
4	.0	.1	.1	.1	.0	.0	.3	.0	.3	.2	.0	.0	.2
5	.0	.0	.1	.1	.0	.0	.2	.0	.0	.2	.0	.0	.2
6	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
7	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
8	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
9	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
10	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
11	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
12	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
13	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
14	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
15	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
16	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
17	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
18	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
19	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
20	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
21	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
22	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
23	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
24	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
25	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
26	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
27	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
28	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
29	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
30	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
31	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
32	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
33	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
34	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
35	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
36	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
37	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
38	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
39	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
40	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
41	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
42	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
43	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
44	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
45	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
46	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
47	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
48	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
49	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
50	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
51	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
52	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
53	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
54	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
55	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
56	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
57	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
58	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
59	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
60	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
61	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
62	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
63	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
64	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
65	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
66	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
67	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
68	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
69	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
70	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
71	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
72	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
73	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
74	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
75	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
76	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
77	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
78	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
79	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
80	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
81	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
82	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
83	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
84	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
85	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
86	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
87	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
88	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
89	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
90	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
91	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
92	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
93	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
94	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
95	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
96	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
97	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
98	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
99	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
100	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.0	.0	.1
TOT PCT	.8	4.1	2.5	.5	.0	.0	8.0	.9	5.0	2.6	.1	.0	8.6

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	SE	48+	PCT
1	.6	2.8	.3	.0	.0	.0	3.8	.7	3.7	.2
2	.2	4.9	3.5	.0	.0	.0	8.7	.2	7.9	1.3
3	.1	.9	1.8	.2	.0	.0	2.9	.2	1.1	5.8
4	.0	.1	.1	.1	.0	.0	.2	.0	.1	.4
5	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
6	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
7	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
8	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
9	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
10	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
11	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
12	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
13	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
14	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
15	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
16	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
17	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
18	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
19	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
20	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
21	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
22	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
23	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
24	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
25	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
26	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
27	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
28	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
29	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
30	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
31	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
32	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
33	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
34	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
35	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
36	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
37	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
38	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
39	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
40	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
41	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
42	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
43	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
44	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
45	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
46	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
47	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
48	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
49	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
50	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
51	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
52	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
53	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
54	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
55	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
56	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
57	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
58	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
59	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
60	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
61	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
62	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
63	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
64	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
65	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
66	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
67	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
68	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
69	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
70	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
71	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
72	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
73	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
74	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
75	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
76	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
77	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
78	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
79	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
80	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
81	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
82	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
83	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
84	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
85	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
86	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
87	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
88	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
89	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
90	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
91	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
92	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
93	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
94	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
95	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
96	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
97	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
98	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
99	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1
100	.0	.0	.1	.1	.0	.0	.2	.0	.1	.1

PERIOD: (OVER-ALL) 1963-1971 APRIL AREA 0002 DA NARC
15.9M 100.9E

TABLE 10
PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
HGT														
1	.4	1.7	.0	.0	.0	.0	2.1	.3	1.1	.0	.0	.0	.0	1.5
1-2	.1	4.0	4.3	.0	.0	.0	9.2	.2	1.1	.4	.0	.0	.0	1.7
3-4	.0	.5	3.3	.4	.0	.0	4.2	.0	.0	.0	.0	.0	.0	.3
5-6	.0	.0	.0	.1	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.6	7.0	6.0	.0	.0	.0	16.0	.5	2.3	.6	.0	.0	.0	3.4

	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
HGT														
1	.3	1.1	.0	.0	.0	.0	1.4	.3	1.8	.1	.0	.0	.0	2.3
1-2	.3	1.3	.8	.0	.0	.0	2.3	.2	2.1	2.4	.0	.0	.0	4.1
3-4	.0	.2	.3	.0	.0	.0	.0	.0	.5	1.2	.4	.0	.0	2.1
5-6	.0	.0	.1	.0	.0	.0	.1	.0	.1	.1	.1	.0	.0	.3
7	.0	.0	.1	.0	.0	.0	.1	.0	.0	.2	.1	.0	.0	.2
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.6	2.6	1.3	.2	.0	.0	4.7	.5	4.6	4.0	.6	.0	.0	9.7

PERIOD: (OVER-ALL) 1963-1971

APRIL

AREA 0002 DR NAMG
15.9M 108.9C

TABLE 18 (CONT)

WGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TOT PCT
	0-3	4-10	11-21	22-33	34-47	48+	48+	48+	48+	48+		
61	6.2	15.7	1.7	0	0	0	0	0	0	0	22.6	3326
1-2	1.7	26.3	25.1	0	0	0	0	0	0	0	53.2	
3-4	3	4	14.2	1.8	0	0	0	0	0	0	20.7	
5-6	7	4	1.2	0	0	0	0	0	0	0	2.1	
7	0	0	1.7	0	0	0	0	0	0	0	0	
8-9	0	0	2	2	0	0	0	0	0	0	5	
10-11	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	
13-16	0	0	0	0	0	0	0	0	0	0	0	
17-19	0	0	0	0	0	0	0	0	0	0	0	
20-22	0	0	0	0	0	0	0	0	0	0	0	
23-25	0	0	0	0	0	0	0	0	0	0	0	
26-32	0	0	0	0	0	0	0	0	0	0	0	
33-40	0	0	0	0	0	0	0	0	0	0	0	
41-48	0	0	0	0	0	0	0	0	0	0	0	
49-60	0	0	0	0	0	0	0	0	0	0	0	
61-70	0	0	0	0	0	0	0	0	0	0	0	
71-86	0	0	0	0	0	0	0	0	0	0	0	
87+	0	0	0	0	0	0	0	0	0	0	0	
TOT PCT	8.3	46.8	42.2	2.6	0	0	0	0	0	0	100.0	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
46	7.8	38.7	21.9	2.1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2764	2
6-7	1	3.6	5.4	1.6	3	0	1	1	0	0	0	0	0	0	0	0	0	0	457	3
8-9	0	9	1.2	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	112	4
10-11	0	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	4
12-13	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6	5
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDCT	5.8	4.4	1.9	3	2	0	1	1	1	2	0	0	0	0	0	0	0	0	495	2
TOTAL	529	1049	1192	177	27	3	7	5	2	0	0	0	0	0	0	0	0	0	3066	2
PCT	13.7	47.8	30.8	4.6	1.9	.7	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1958-1971
(OVER-ALL) 1860-1971

MAY

AREA 0002 DA NAMO
15.9N 108.9E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHR	RAIN SHR	ORZL PCPN	PRECIPITATION TYPE				MAIL PCPN	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				ORZL PCPN	FRZG PCPN	SNOW PCPN	OTHER FRZM PCPN					FOG PCPN	SMOKE W0	DUST W0	HAZE BLWG	SNOW W0	
N	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	110	1.1	0.2	0.0	0.0	0.0	0.0	3.5
NE	1.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	2.2		1.1	0.4	0.0	0.0	0.0	0.0	5.8
E	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	4.4		1.1	0.6	0.0	0.0	0.0	0.0	11.1
SE	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	4.4		1.1	1.5	0.0	0.0	0.0	0.0	27.0
S	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	4.4		1.1	0.7	0.0	0.0	0.0	0.0	21.3
SW	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	4.4		1.1	1.1	0.0	0.0	0.0	0.0	9.2
W	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	2.2		1.1	0.3	0.0	0.0	0.0	0.0	4.9
NW	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	4.4		1.1	0.3	0.0	0.0	0.0	0.0	4.5
VAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT OBS	57	57	0.0	0.0	0.0	0.0	0.0	0.0	2.2	110	156	10	197	1	4161	1	4638
TOT PCT	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	2.4		3.4	4.2	0.0	0.0	0.0	0.0	89.7

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHR	RAIN SHR	ORZL PCPN	PRECIPITATION TYPE				MAIL PCPN	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				ORZL PCPN	FRZG PCPN	SNOW PCPN	OTHER FRZM PCPN					FOG PCPN	SMOKE W0	DUST W0	HAZE BLWG	SNOW W0	
00003	1.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	2.2		1.1	0.0	7.5	0.0	0.0	0.0	89.5
06009	1.0	1.5	0.1	0.0	0.0	0.0	0.0	0.0	1.6		0.4	0.1	4.0	0.0	0.0	0.0	93.3
12015	1.6	1.4	0.3	0.0	0.0	0.0	0.0	0.0	3.3		6.3	0.3	3.0	0.1	0.0	0.0	86.8
18021	1.3	1.1	0.2	0.0	0.0	0.0	0.0	0.0	2.5	112	4.0	0.3	1.9	0.0	0.0	0.0	89.3
TOT	58	47	8	0.0	0.0	0.0	0.0	0.0	2.4		156	10	197	1	4167	1	4646
PCT	1.2	1.0	0.2	0.0	0.0	0.0	0.0	0.0	2.4		3.4	4.2	0.0	0.0	0.0	0.0	89.7

PERIOD: (PRIMARY) 1958-1971 (OVER-ALL) 1860-1971									
MAY									
TABLE 3									
PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR									
AREA 0002 DA MAND 15.9M 108.9E									
WIND DIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD
N	.5	2.1	1.4	.1	.0	.0	4.1	4.1	8.9
NE	.7	4.0	1.6	.1	.0	.0	6.3	6.3	8.2
E	1.0	7.1	3.6	.1	.0	.0	11.8	11.8	8.8
SE	1.3	15.3	12.0	.6	.0	.0	29.3	29.3	10.5
S	1.4	13.1	10.0	.5	.0	.0	25.0	25.0	10.3
SW	.9	6.0	3.0	.5	.0	.0	10.4	10.4	9.7
W	.8	2.7	1.3	.7	.1	.0	5.1	5.1	9.4
NW	.0	3.2	1.4	.5	.0	.0	4.9	4.9	10.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	3.1	27.55	18.01	13.4	3	.0	52.42	52.42	9.5
TOT OBS	549	2755	1801	134	3	.0	5242	100.0	9.5
TOT PCT	10.5	52.6	34.4	2.6	.1	.0	100.0	100.0	100.0

TABLE 3A

WIND SPEED (KNOTS)									
WIND DIR	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)
N	1.8	1.9	.4	.0	.0	4.1	4.1	8.9	00 03 06 09 12 15 18 21
NE	2.6	3.5	.2	.0	.0	6.3	6.3	8.2	00 03 06 09 12 15 18 21
E	4.6	6.3	1.0	.0	.0	11.8	11.8	8.8	00 03 06 09 12 15 18 21
SE	7.0	18.6	3.7	.0	.0	29.3	29.3	10.5	00 03 06 09 12 15 18 21
S	6.5	15.4	3.0	.1	.0	25.0	25.0	10.3	00 03 06 09 12 15 18 21
SW	3.6	5.4	1.3	.1	.0	10.4	10.4	9.7	00 03 06 09 12 15 18 21
W	2.2	2.0	.7	.2	.0	5.1	5.1	9.4	00 03 06 09 12 15 18 21
NW	1.9	2.2	.8	.1	.0	4.9	4.9	10.2	00 03 06 09 12 15 18 21
VAR	.0	.0	.0	.0	.0	.0	.0	.0	00 03 06 09 12 15 18 21
CALM	3.1	28.96	57.4	27	.0	52.42	52.42	9.5	00 03 06 09 12 15 18 21
TOT OBS	1745	2896	574	27	.0	5242	100.0	9.5	00 03 06 09 12 15 18 21
TOT PCT	33.3	55.2	11.0	.5	.0	100.0	100.0	100.0	00 03 06 09 12 15 18 21

MAY

PERIOD: (PRIMARY) 050-1971
(OVER-ALL) 050-1971

AREA 0002 DA MANG
15.9M 108.9E

TABLE 4

WIND CALM	PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)					TOTAL OBS
	1-3	4-10	11-21	22-33	34-47	
00403	4.4	12.0	55.8	25.4	2.4	1241
06409	2.0	5.7	51.5	36.9	3.9	1370
12415	2.4	5.6	48.0	42.0	2.1	1268
18421	3.6	6.7	55.0	32.9	1.8	1363
TOT	160	389	2755	1801	134	5242
PCT	3.1	7.4	52.6	34.4	2.6	100.0

TABLE 5

WIND DIR	PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION							TOTAL OBS	MEAN CLOUD COVER
	0-2	3-4	5-7	8 & 00300	9	10	11-17		
MC	1.4	1.0	2.5	1.4	.9	.7	4.5	5.0	5.0
CE	3.3	3.4	4.4	1.0	.7	.7	4.2	4.2	4.2
SE	10.1	7.8	10.9	1.9	.9	.9	4.0	4.0	4.0
S	7.7	5.2	7.1	1.9	.9	.9	3.9	3.9	3.9
SW	3.5	2.2	3.2	1.6	.6	.6	3.2	3.2	3.2
W	4	2.9	2.4	1.2	.6	.6	3.0	3.0	3.0
NW	.6	.6	2.2	1.8	.9	.9	6.0	6.0	6.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.7	.5	1.2	.6	.6	.6	4.9	4.9	4.9
TOT OBS	1230	960	1465	482	4137	4137	4137	4137	4137
TOT PCT	29.7	23.2	35.4	11.7	100.0	100.0	100.0	100.0	100.0

TABLE 6

WIND DIR	PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT.MH 34/8) AND OCCURRENCE OF MH 5/8 BY WIND DIRECTION												TOTAL OBS
	000	150	300	600	999	1000	2000	3500	5000	6500	8000+	ANY 5/8	
MC	.0	.0	.1	.1	.1	.6	.4	.1	.1	.1	.1	.1	2.5
CE	.0	.0	.1	.1	.1	.6	.7	.1	.1	.1	.1	.1	4.7
SE	.0	.0	.1	.1	.1	.6	.8	.2	.2	.1	.1	.1	10.0
S	.0	.0	.1	.1	.1	.6	1.7	.4	.2	.1	.1	.1	28.1
SW	.0	.0	.1	.1	.1	.6	1.6	.2	.1	.1	.1	.1	18.4
W	.0	.0	.1	.1	.1	.6	1.0	.2	.1	.1	.1	.1	8.1
NW	.0	.0	.1	.1	.1	.6	.9	.2	.1	.1	.1	.1	3.6
VAR	.0	.0	.1	.1	.1	.6	.8	.2	.2	.2	.2	.2	2.4
CALM	.0	.0	.1	.1	.1	.6	.3	.1	.1	.1	.1	.1	2.2
TOT OBS	3	2	16	42	246	343	69	34	63	70	329	4137	4137
TOT PCT	.1	.1	.4	1.0	5.9	8.3	1.7	.0	2.0	1.7	78.1	100.0	100.0

PERIOD: (PRIMARY) 1950-1971
(OVER-ALL) 1060-1971

MAY

AREA 0002 DA MANG
15.9M 108.9C

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM >4/0) AND VSBY (MM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	VSBY (MM) = OR >1	= OR >1/2	= OR >1/4	= OR >0
= OR >6500	2.8	3.6	3.7	3.7	3.7	3.7	3.7
= OR >5000	3.4	4.4	4.5	4.5	4.5	4.5	4.5
= OR >3500	4.4	6.1	6.2	6.2	6.2	6.2	6.2
= OR >2000	10.6	14.3	14.5	14.5	14.5	14.5	14.5
= OR >1000	14.6	20.1	20.4	20.4	20.4	20.4	20.4
= OR >600	15.1	21.0	21.4	21.4	21.4	21.4	21.4
= OR >300	15.2	21.3	21.7	21.7	21.7	21.7	21.7
= OR >150	15.2	21.3	21.8	21.8	21.8	21.8	21.8
= OR >0	15.3	21.3	21.9	21.9	21.9	21.9	21.9
TOTAL	632	884	905	907	909	910	910

TOTAL NUMBER OF OBS. 4142

PCT FREQ MM <5/8: 70.0

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	9	TOTAL
10.8	19.8	30.2	10.8	6.4	6.0	7.8	2.7	5.5		4212

PERIOD: (PRIMARY) 1958-1971
(OVER-ALL) 1860-1971

MAY

AREA 0002 DA NANG
15.9N 108.9E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OF NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSDY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
PCP	.1	.3	.1	.0	.1	.1	.1	.1	.0	.0	.3	
NO PCP	.1	.3	.1	.0	.1	.1	.1	.1	.0	.0	.9	
TOT %	.1	.3	.1	.0	.2	.2	.2	.2	.0	.0	1.1	
PCP	.1	.2	.2	.2	.2	.2	.1	.2	.0	.1	1.3	
NO PCP	.9	1.5	2.4	6.7	4.2	1.7	1.1	1.5	.0	1.1	21.0	
TOT %	1.0	1.6	2.6	6.9	4.3	1.9	1.2	1.6	.0	1.1	22.3	
PCP	.1	.1	.0	.2	.1	.1	.0	.1	.0	.0	.6	
NO PCP	.2	4.5	9.6	22.6	18.7	8.1	4.2	3.3	.0	1.7	75.7	
TOT %	2.9	4.6	9.6	23.0	18.9	8.1	4.2	3.4	.0	1.7	76.3	
TOT OBS	4.0	6.5	12.3	28.9	23.3	10.3	5.5	5.3	.0	2.9	100.0	4638
TOT PCT												

PERIOD: (PRIMARY) 1950-1971
(OVER-ALL) 1860-1971

MAY

AREA 0002 DA MANG
15.9N 108.9E

TABLE 9
PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISIB (MI)	SPD KTS	N	NE	E	SE	S	SW	W	WW	VAR	CALM	PCT	TOTAL OBS
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2/5	0-3	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.3	
	4-10	.1	.2	.1	.1	.1	.1	.1	.1	.0	.0	.7	
	11-21	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	TOT	.2	.4	.2	.2	.2	.2	.2	.2	.0	.0	1.3	
5/10	0-3	.2	.2	.2	.3	.3	.2	.2	.3	.0	1.1	3.0	
	4-10	.4	1.0	1.1	3.0	2.3	1.0	.7	.7	.0	10.2	7.4	
	11-21	.3	.4	1.1	3.1	1.4	.5	.2	.4	.0	.0	.7	
	22+	.1	.1	.1	.2	.1	.1	.1	.1	.0	1.1	21.2	
	TOT	.9	1.5	2.4	6.6	4.2	1.8	1.2	1.6	.0	1.8	7.0	
10+	0-3	.3	.4	.8	.9	1.0	.6	.6	.5	.0	.0	.0	
	4-10	1.5	2.8	6.0	12.3	10.2	4.7	2.1	1.6	.0	.0	41.2	
	11-21	1.0	1.2	2.7	9.4	6.1	2.5	1.1	1.0	.0	.0	27.1	
	22+	.1	.1	.1	.4	.3	.5	.3	.2	.0	.0	1.9	
	TOT	2.9	4.5	9.5	23.1	19.7	8.2	4.0	3.4	.0	1.8	77.2	
TOT OBS													4911
TOT PCT		4.1	6.3	12.1	29.8	24.0	10.3	5.3	5.2	.0	3.0	100.0	

PERIOD: (PRIMARY) 1950-1971
(OVER-ALL) 1860-1971

MAY

AREA 0002 DA MANG 15.9M 100.9E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET.MH >4/8) AND OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTPL	MH <5/8 ANY HGT	TOTAL OBS
00403	.1	.1	.5	1.2	5.7	7.7	1.6	1.5	2.4	2.6	23.5	76.5	1036
06409	.2	.1	.6	1.2	5.7	5.3	1.2	.5	.9	1.2	16.7	83.3	1035
12415	.0	.0	.4	.7	5.6	9.6	1.9	.6	2.6	1.6	22.9	77.1	1077
18421	.0	.0	.1	1.0	6.7	10.0	1.9	.6	2.0	1.3	23.5	76.5	1051
TOT	3	2	16	42	248	343	69	34	83	70	910	3289	4199
PCT	.1	.1	.4	1.0	5.9	8.2	1.6	.8	2.0	1.7	21.7	78.3	100.0

TABLE 11

PERCENT FREQUENCY VSBY (MH) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL OBS
00403	.1	.1	.1	1.2	24.2	74.3	1020
06409	.0	.0	.0	.7	18.9	80.5	1018
12415	.2	.0	.0	.6	26.5	72.4	1066
18421	.0	.1	.1	.9	25.3	73.7	1040
TOT	3	2	2	37	985	3115	4144
PCT	.1	.1	.1	.9	23.8	75.2	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (MH) AND/OR CEILING HGT (FEET.MH >4/8) BY HOUR

HOUR (GMT)	<150	<1500	<1000	<1000+ MH <5/8	TOTAL OBS
00403	.1	.9	2.9	21.6	75.5
06409	.2	.9	2.5	14.7	62.8
12415	.1	.6	1.9	21.7	76.5
18421	.1	.2	2.0	22.3	75.7
TOT	5	26	96	833	3215
PCT	.1	.6	2.3	20.1	77.6

PERIOD: (PRIMARY) 1958-1971
(OVER-ALL) 1860-1971

MAY

AREA 0002 OR MARC
15 3N 106 9E

TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP		TOTAL										PCT	
TEMP F		0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	90-100	90-100	90-100	90-100
95/99	0	0	0	0	0	0	0	0	0	0	0	9	2
90/94	0	0	0	1	6	12	6	2	2	2	2	120	29
85/89	0	0	0	0	0	2	6	9	6	2	2	854	209
80/84	0	0	0	0	0	0	0	0	0	0	0	2309	565
75/79	0	0	0	0	0	0	1	1	6	9	11	781	191
70/74	0	0	0	0	0	0	0	0	0	0	0	12	3
TOTAL	0	0	0	7	43	202	830	1901	1202	4085	100	0	0
PCT	0	0	0	2	1.1	4.9	20.3	44.1	29.4				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP		TOTAL										PCT	
TEMP F		0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	90-100	90-100	90-100	90-100
95/99	0	0	0	0	0	0	0	0	0	0	0	9	2
90/94	1	2	3	6	12	6	2	2	2	2	2	120	29
85/89	7	19	30	64	43	22	10	6	0	0	0	854	209
80/84	2	3	7	10	13	6	5	7	2	0	0	2309	565
75/79	1	6	17	57	31	20	17	22	0	0	0	781	191
70/74	0	0	0	0	0	0	0	0	0	0	0	12	3
TOTAL	4	0	6	3	12	0	30	8	21	7	10	8	5
PCT	0	0	6	3	12	0	30	8	21	7	10	8	5

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR		TOTAL										PCT	
TEMP F		0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	90-100	90-100	90-100	90-100
95/99	0	0	0	0	0	0	0	0	0	0	0	9	2
90/94	1	2	3	6	12	6	2	2	2	2	2	120	29
85/89	7	19	30	64	43	22	10	6	0	0	0	854	209
80/84	2	3	7	10	13	6	5	7	2	0	0	2309	565
75/79	1	6	17	57	31	20	17	22	0	0	0	781	191
70/74	0	0	0	0	0	0	0	0	0	0	0	12	3
TOTAL	4	0	6	3	12	0	30	8	21	7	10	8	5
PCT	0	0	6	3	12	0	30	8	21	7	10	8	5

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR		TOTAL										PCT	
TEMP F		0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	90-100	90-100	90-100	90-100
95/99	0	0	0	0	0	0	0	0	0	0	0	9	2
90/94	1	2	3	6	12	6	2	2	2	2	2	120	29
85/89	7	19	30	64	43	22	10	6	0	0	0	854	209
80/84	2	3	7	10	13	6	5	7	2	0	0	2309	565
75/79	1	6	17	57	31	20	17	22	0	0	0	781	191
70/74	0	0	0	0	0	0	0	0	0	0	0	12	3
TOTAL	4	0	6	3	12	0	30	8	21	7	10	8	5
PCT	0	0	6	3	12	0	30	8	21	7	10	8	5

PERIOD: (PRIMARY) 1958-1971
(OVER-ALL) 1860-1971

MAY

AREA 0002 DA MAND
15.9M 108.9E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	73	77	81	85	89	93	TOT	M	W8
	72	76	80	84	88	92	96	F8G	F8G	F8G
17/19	.0	.0	.0	.0	.0	.1	.1	6	.0	.1
14/16	.0	.0	.0	.0	.0	.1	.1	12	.0	.3
11/13	.0	.0	.0	.0	.3	.7	.2	60	.0	1.3
9/10	.0	.0	.0	.4	1.0	.9	.1	111	.0	2.4
7/8	.0	.0	.1	1.6	1.8	.6	.1	195	.0	4.3
6	.0	.0	.6	1.1	1.7	.3	.0	169	.0	3.7
5	.0	.0	.9	1.7	2.3	.5	.0	254	.1	5.5
4	.0	.2	1.5	2.7	1.8	.5	.0	299	.1	6.6
3	.0	.1	2.3	3.8	1.9	.4	.0	384	.1	8.4
2	.0	.3	1.5	5.9	2.4	.1	.0	465	.1	10.2
1	.0	.2	1.8	5.3	1.8	.0	.0	416	.1	9.1
0	.1	.2	3.0	8.4	1.7	.0	.0	609	.1	13.4
-1	.0	.1	2.7	4.4	1.3	.0	.0	390	.1	8.6
-2	.0	.2	2.9	5.5	.6	.0	.0	419	.1	9.2
-3	.0	.1	2.7	2.8	.4	.0	.0	276	.1	6.1
-4	.0	.2	2.0	2.1	.1	.0	.0	206	.0	4.5
-5	.0	.1	1.6	1.1	.1	.0	.0	133	.0	2.9
-6	.0	.2	1.1	.2	.0	.0	.0	71	.0	1.5
-7/-8	.0	.1	.9	.3	.0	.0	.0	54	.0	1.2
-9/-10	.0	.1	.1	.0	.0	.0	.0	10	.0	.2
-11/-13	.0	.0	.0	.0	.0	.0	.0	3	.0	.1
TOTAL								4542	.4	99.6
PCT	.1	2.2	25.8	47.6	19.3	4.4	.6	100.0		

PERIOD: (OVER-ALL) 1963-1971

MAY
TABLE 10

AREA 0002 DA MANG
15.9M 108.9E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	M				NE				PCT				
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.4	1.2	.1	.0	.0	.0	.5	2.2	.1	.0	.0	.0	3.8
3-4	.1	1.0	.7	.0	.0	.0	.2	2.4	1.0	.0	.0	.0	3.6
5-6	.0	.1	.4	.1	.0	.0	.2	.7	.3	.0	.0	.0	.6
7	.0	.0	.2	.0	.0	.0	.2	.1	.0	.0	.0	.0	.1
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.6	2.3	1.5	.2	.0	.0	.8	4.8	1.6	.0	.0	.0	7.2

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.3	3.4	.6	.0	.0	.0	1.0	5.8	.1	.0	.0	.0	.0	6.9
3-4	.1	2.7	3.7	.0	.0	.0	.4	8.3	9.5	.0	.0	.0	.0	18.3
5-6	.0	.1	.6	.0	.0	.0	.2	1.2	2.8	.3	.0	.0	.0	4.3
7	.0	.0	.2	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.5
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.3	6.7	4.4	.0	.0	.0	1.4	15.5	12.7	.3	.0	.0	.0	29.9

PERIOD: (OVERALL) 1963-1971

TABLE 10

IMPACT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

[illegible]

NGT	1-1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	1-9	1-10	1-11	1-12	1-13	1-14	1-15	1-16	1-17	1-18	1-19	1-20	1-21	1-22	1-23	1-24	1-25	1-26	1-27	1-28	1-29	1-30	1-31	1-32	1-33	1-34	1-35	1-36	1-37	1-38	1-39	1-40	1-41	1-42	1-43	1-44	1-45	1-46	1-47	1-48	1-49	1-50	1-51	1-52	1-53	1-54	1-55	1-56	1-57	1-58	1-59	1-60	1-61	1-62	1-63	1-64	1-65	1-66	1-67	1-68	1-69	1-70	1-71	1-72	1-73	1-74	1-75	1-76	1-77	1-78	1-79	1-80	1-81	1-82	1-83	1-84	1-85	1-86	1-87	1-88	1-89	1-90	1-91	1-92	1-93	1-94	1-95	1-96	1-97	1-98	1-99	1-100	1-101	1-102	1-103	1-104	1-105	1-106	1-107	1-108	1-109	1-110	1-111	1-112	1-113	1-114	1-115	1-116	1-117	1-118	1-119	1-120	1-121	1-122	1-123	1-124	1-125	1-126	1-127	1-128	1-129	1-130	1-131	1-132	1-133	1-134	1-135	1-136	1-137	1-138	1-139	1-140	1-141	1-142	1-143	1-144	1-145	1-146	1-147	1-148	1-149	1-150	1-151	1-152	1-153	1-154	1-155	1-156	1-157	1-158	1-159	1-160	1-161	1-162	1-163	1-164	1-165	1-166	1-167	1-168	1-169	1-170	1-171	1-172	1-173	1-174	1-175	1-176	1-177	1-178	1-179	1-180	1-181	1-182	1-183	1-184	1-185	1-186	1-187	1-188	1-189	1-190	1-191	1-192	1-193	1-194	1-195	1-196	1-197	1-198	1-199	1-200	1-201	1-202	1-203	1-204	1-205	1-206	1-207	1-208	1-209	1-210	1-211	1-212	1-213	1-214	1-215	1-216	1-217	1-218	1-219	1-220	1-221	1-222	1-223	1-224	1-225	1-226	1-227	1-228	1-229	1-230	1-231	1-232	1-233	1-234	1-235	1-236	1-237	1-238	1-239	1-240	1-241	1-242	1-243	1-244	1-245	1-246	1-247	1-248	1-249	1-250	1-251	1-252	1-253	1-254	1-255	1-256	1-257	1-258	1-259	1-260	1-261	1-262	1-263	1-264	1-265	1-266	1-267	1-268	1-269	1-270	1-271	1-272	1-273	1-274	1-275	1-276	1-277	1-278	1-279	1-280	1-281	1-282	1-283	1-284	1-285	1-286	1-287	1-288	1-289	1-290	1-291	1-292	1-293	1-294	1-295	1-296	1-297	1-298	1-299	1-300	1-301	1-302	1-303	1-304	1-305	1-306	1-307	1-308	1-309	1-310	1-311	1-312	1-313	1-314	1-315	1-316	1-317	1-318	1-319	1-320	1-321	1-322	1-323	1-324	1-325	1-326	1-327	1-328	1-329	1-330	1-331	1-332	1-333	1-334	1-335	1-336	1-337	1-338	1-339	1-340	1-341	1-342	1-343	1-344	1-345	1-346	1-347	1-348	1-349	1-350	1-351	1-352	1-353	1-354	1-355	1-356	1-357	1-358	1-359	1-360	1-361	1-362	1-363	1-364	1-365	1-366	1-367	1-368	1-369	1-370	1-371	1-372	1-373	1-374	1-375	1-376	1-377	1-378	1-379	1-380	1-381	1-382	1-383	1-384	1-385	1-386	1-387	1-388	1-389	1-390	1-391	1-392	1-393	1-394	1-395	1-396	1-397	1-398	1-399	1-400	1-401	1-402	1-403	1-404	1-405	1-406	1-407	1-408	1-409	1-410	1-411	1-412	1-413	1-414	1-415	1-416	1-417	1-418	1-419	1-420	1-421	1-422	1-423	1-424	1-425	1-426	1-427	1-428	1-429	1-430	1-431	1-432	1-433	1-434	1-435	1-436	1-437	1-438	1-439	1-440	1-441	1-442	1-443	1-444	1-445	1-446	1-447	1-448	1-449	1-450	1-451	1-452	1-453	1-454	1-455	1-456	1-457	1-458	1-459	1-460	1-461	1-462	1-463	1-464	1-465	1-466	1-467	1-468	1-469	1-470	1-471	1-472	1-473	1-474	1-475	1-476	1-477	1-478	1-479	1-480	1-481	1-482	1-483	1-484	1-485	1-486	1-487	1-488	1-489	1-490	1-491	1-492	1-493	1-494	1-495	1-496	1-497	1-498	1-499	1-500	1-501	1-502	1-503	1-504	1-505	1-506	1-507	1-508	1-509	1-510	1-511	1-512	1-513	1-514	1-515	1-516	1-517	1-518	1-519	1-520	1-521	1-522	1-523	1-524	1-525	1-526	1-527	1-528	1-529	1-530	1-531	1-532	1-533	1-534	1-535	1-536	1-537	1-538	1-539	1-540	1-541	1-542	1-543	1-544	1-545	1-546	1-547	1-548	1-549	1-550	1-551	1-552	1-553	1-554	1-555	1-556	1-557	1-558	1-559	1-560	1-561	1-562	1-563	1-564	1-565	1-566	1-567	1-568	1-569	1-570	1-571	1-572	1-573	1-574	1-575	1-576	1-577	1-578	1-579	1-580	1-581	1-582	1-583	1-584	1-585	1-586	1-587	1-588	1-589	1-590	1-591	1-592	1-593	1-594	1-595	1-596	1-597	1-598	1-599	1-600	1-601	1-602	1-603	1-604	1-605	1-606	1-607	1-608	1-609	1-610	1-611	1-612	1-613	1-614	1-615	1-616	1-617	1-618	1-619	1-620	1-621	1-622	1-623	1-624	1-625	1-626	1-627	1-628	1-629	1-630	1-631	1-632	1-633	1-634	1-635	1-636	1-637	1-638	1-639	1-640	1-641	1-642	1-643	1-644	1-645	1-646	1-647	1-648	1-649	1-650	1-651	1-652	1-653	1-654	1-655	1-656	1-657	1-658	1-659	1-660	1-661	1-662	1-663	1-664	1-665	1-666	1-667	1-668	1-669	1-670	1-671	1-672	1-673	1-674	1-675	1-676	1-677	1-678	1-679	1-680	1-681	1-682	1-683	1-684	1-685	1-686	1-687	1-688	1-689	1-690	1-691	1-692	1-693	1-694	1-695	1-696	1-697	1-698	1-699	1-700	1-701	1-702	1-703	1-704	1-705	1-706	1-707	1-708	1-709	1-710	1-711	1-712	1-713	1-714	1-715	1-716	1-717	1-718	1-719	1-720	1-721	1-722	1-723	1-724	1-725	1-726	1-727	1-728	1-729	1-730	1-731	1-732	1-733	1-734	1-735	1-736	1-737	1-738	1-739	1-740	1-741	1-742	1-743	1-744	1-745	1-746	1-747	1-748	1-749	1-750	1-751	1-752	1-753	1-754	1-755	1-756	1-757	1-758	1-759	1-760	1-761	1-762	1-763	1-764	1-765	1-766	1-767	1-768	1-769	1-770	1-771	1-772	1-773	1-774	1-775	1-776	1-777	1-778	1-779	1-780	1-781	1-782	1-783	1-784	1-785	1-786	1-787	1-788	1-789	1-790	1-791	1-792	1-793	1-794	1-795	1-796	1-797	1-798	1-799	1-800	1-801	1-802	1-803	1-804	1-805	1-806	1-807	1-808	1-809	1-810	1-811	1-812	1-813	1-814	1-815	1-816	1-817	1-818	1-819	1-820	1-821	1-822	1-823	1-824	1-825	1-826	1-827	1-828	1-829	1-830	1-831	1-832	1-833	1-834	1-835	1-836	1-837	1-838	1-839	1-840	1-841	1-842	1-843	1-844	1-845	1-846	1-847	1-848	1-849	1-850	1-851	1-852	1-853	1-854	1-855	1-856	1-857	1-858	1-859	1-860	1-861	1-862	1-863	1-864	1-865	1-866	1-867	1-868	1-869	1-870	1-871	1-872	1-873	1-874	1-875	1-876	1-877	1-878	1-879	1-880	1-881	1-882	1-883	1-884	1-885	1-886	1-887	1-888	1-889	1-890	1-891	1-892	1-893	1-894	1-895	1-896	1-897	1-898	1-899	1-900	1-901	1-902	1-903	1-904	1-905	1-906	1-907	1-908	1-909	1-910	1-911	1-912	1-913	1-914	1-915	1-916	1-917	1-918	1-919	1-920	1-921	1-922	1-923	1-924	1-925	1-926	1-927	1-928	1-929	1-930	1-931	1-932	1-933	1-934	1-935	1-936	1-937	1-938	1-939	1-940	1-941	1-942	1-943	1-944	1-945	1-946	1-947	1-948	1-949	1-950	1-951	1-952	1-953	1-954	1-955	1-956	1-957	1-958	1-959	1-960	1-961	1-962	1-963	1-964	1-965	1-966	1-967	1-968	1-969	1-970	1-971	1-972	1-973	1-974	1-975	1-976	1-977	1-978	1-979	1-980	1-981	1-982	1-983	1-984	1-985	1-986	1-987	1-988	1-989	1-990	1-991	1-992	1-993	1-994	1-995	1-996	1-997	1-998	1-999	1-1000	1-1001	1-1002	1-1003	1-1004	1-1005	1-1006	1-1007	1-1008	1-1009	1-1010	1-1011	1-1012	1-1013	1-1014	1-1015	1-1016	1-1017	1-1018	1-1019	1-1020	1-1021	1-1022	1-1023	1-1024	1-1025	1-1026	1-1027	1-1028	1-1029	1-1030	1-1031	1-1032	1-1033	1-1034	1-1035	1-1036	1-1037	1-1038	1-1039	1-1040	1-1041	1-1042	1-1043	1-1044	1-1045	1-1046	1-1047	1-1048	1-1049	1-1050	1-1051	1-1052	1-1053	1-1054	1-1055	1-1056	1-1057	1-1058	1-1059	1-1060	1-1061	1-1062	1-1063	1-1064	1-1065	1-1066	1-1067	1-1068	1-1069	1-1070	1-1071	1-1072	1-1073	1-1074	1-1075	1-1076	1-1077	1-1078	1-1079	1-1080	1-1081	1-1082	1-1083	1-1084	1-1085	1-1086	1-1087	1-1088	1-1089	1-1090	1-1091	1-1092	1-1093	1-1094	1-1095	1-1096	1-1097	1-1098	1-1099	1-1100	1-1101	1-1102	1-1103	1-1104	1-1105	1-1106	1-1107	1-1108	1-1109	1-1110	1-1111	1-1112	1-1113	1-1114	1-1115	1-1116	1-1117	1-1118	1-1119	1-1120	1-1121	1-1122	1-1123	1-1124	1-1125	1-1126	1-1127	1-1128	1-1129	1-1130	1-1131	1-1132	1-1133	1-1134	1-1135	1-1136	1-1137	1-1138	1-1139	1-1140	1-1141	1-1142	1-1143	1-1144	1-1145	1-1146	1-1147	1-1148	1-1149	1-1150	1-1151	1-1152	1-1153	1-1154	1-1155	1-1156	1-1157	1-1158	1-1159	1-1160	1-1161	1-1162	1-1163	1-1164	1-1165	1-1166	1-1167	1-1168	1-1169	1-1170	1-1171	1-1172	1-1173	1-1174	1-1175	1-1176	1-1177	1-1178	1-1179	1-1180	1-1181	1-1182	1-1183	1-1184	1-1185	1-1186	1-1187	1-1188	1-1189	1-1190	1-1191	1-1192	1-1193	1-1194	1-1195	1-1196	1-1197	1-1198	1-1199	1-1200	1-1201	1-1202	1-1203	1-1204	1-1205	1-1206	1-1207	1-1208	1-1209	1-1210	1-1211	1-1212	1-1213	1-1214	1-1215	1-1216	1-1217	1-1218	1-1219	1-1220	1-1221	1-1222	1-1223	1-1224	1-1225	1-1

PERIOD: (OVER-ALL) 1963-1971

MAY

AREA 0002 DA MAND
15.9M 108.9E

TABLE 18 (CONT)

WGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	10.1	23.2	1.0	.0	.0	.0	34.3	
1-2	1.6	25.0	23.0	.0	.0	.0	49.7	
3-4	.2	3.6	8.2	1.6	.0	.0	13.6	
5-6	.2	.3	1.4	.1	.0	.0	1.9	
7	.0	.0	.2	.1	.0	.0	.4	
8-9	.0	.0	.1	.0	.0	.0	.1	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	11.9	52.2	33.9	2.0	.0	100.0	2764	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																			TOTAL	MEAN HGT
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+		
4.6	9.9	38.8	16.9	1.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2156	2
6-7	.0	4.9	2.6	.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	290	3
8-9	.0	1.2	.6	.1	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	87	4
10-11	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	4
12-13	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	4
13-14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	613	1
TOT PCT	619	1656	706	107	59	16	7	0	0	0	0	0	0	0	0	0	0	0	0	3172	2
	19.5	52.3	22.3	3.4	1.9	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

JUNE

PERIOD. (LC MAY) 1941-1971
(C CR-ALL) 1966-1971

AREA 0002 DA MING
15.0M 100.9C

TABLE 1
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SMR	ORZL	PRECIPITATION TYPE			MAIL	PCT PCPN AT 00 TIME	TOTAL PCPN 00S	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL 00S
				FRZC PCPN	FRZC PCPN	SNOW PCPN					FGG PCPN	SMKE PCPN	DUST PCPN	BLWG PCPN	SNOW PCPN	
N	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
NE	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
E	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
S	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
SW	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
W	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
VAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOT 00S	40	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0
TOT PCT	1.0	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 2
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SMR	ORZL	PRECIPITATION TYPE			MAIL	PCT PCPN AT 00 TIME	TOTAL PCPN 00S	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL 00S
				FRZC PCPN	FRZC PCPN	SNOW PCPN					FGG PCPN	SMKE PCPN	DUST PCPN	BLWG PCPN	SNOW PCPN	
0000	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	8	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TOT	40	38	5	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT	1.0	1.0	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0

JUNE

PERIOD: (PRIMARY) 1941-1971
(OVER-ALL) 1966-1971

AREA 0002 DA MANG
15.8M 108.9E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12	15	18	21		
N	.5	2.1	.9	#	.0	.0	.0	2.1	5.6	6.9	6.0	4.0	.4	1.2	1.1				
NE	.5	2.0	1.2	.0	.0	.0	.0	1.6	7.4	9.9	10.1	3.9	.6	1.4	1.2				
E	.8	4.5	1.7		.0	.0	.0	2.8	4.4	12.6	13.6	9.6	5.1	3.6	1.2				
SE	.8	10.3	7.4	.2	.0	.0	.0	9.2	11.1	14.1	19.2	34.2	29.7	19.4	9.7				
S	1.3	15.0	13.5	.6	.0	.0	.0	31.3	10.6	25.5	25.7	25.3	36.8	39.8	42.4				
SW	.9	9.9	5.7	.4	.0	.0	.0	16.9	9.6	13.5	10.9	10.7	17.7	18.3	23.2				
W	.8	5.6	3.5	.3	.0	.0	.0	10.2	9.8	18.0	13.6	7.3	6.1	4.0	9.7				
NW	.4	2.9	1.3	.1	.0	.0	.0	4.6	9.6	6.0	5.6	3.9	3.4	2.7	3.2				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CALM	3.2	24.3	15.6	7.8	1	0	.0	4.6	6.7	3.1	1.4	2.2	2.2	2.8	3.7				
TOT OBS	412	54.0	35.1	1.7	#	.0		758	267	845	352	614	279	820	355				
TOT PCT	9.2					.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)									
	0-6	7-16	17-27	28-40											00	03	06	09	12	15	18	21		
N	1.5	1.0	.2	.0	.0	.0	.0	.0	.0	.0			3	8.2	3.0	3.0	6.6	3.1	1.2					
NE	1.6	2.6	.1	.0	.0	.0	.0	.0	.0	.0			4.5	8.1	3.1	3.1	10.0	3.1	1.3					
E	2.8	4.0	.3	.0	.0	.0	.0	.0	.0	.0			7.0	8.1	3.2	3.2	12.9	8.5	2.9					
SE	4.5	12.4	1.9	#	#	#	#	#	#	#			18.7	10.2	9.7	15.6	33.1	16.5						
S	6.8	20.4	4.0	#	#	#	#	#	#	#			31.3	10.6	30.6	25.6	28.2	40.6						
SW	5.0	10.3	1.5	#	#	#	#	#	#	#			16.9	9.6	22.4	12.7	12.5	20.5						
W	3.3	5.6	1.2	#	#	#	#	#	#	#			10.2	9.8	16.9	8.0	5.6	11.1						
NW	1.8	2.6	.2	.0	.0	.0	.0	.0	.0	.0			4.6	8.6	5.9	6.0	3.8	2.9						
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			.0	.0	.0	.0	.0	.0						
CALM	3.2	26.3	4.21	5				3.2	.0				.0	.0	5.2	5.2	2.6	2.2	3.1					
TOT OBS	1381	59.6	9.4	.1				4490	9.5				100.0		1025	1197	1093	1175						
TOT PCT	30.8														100.0	100.0	100.0	100.0						

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT	TOTAL
0000	5.2	0.7	56.9	27.9	1.4	0	0	0.5	100.0	1025
0600	2.6	5.0	50.2	39.8	2.3	0	0	10.0	100.0	1197
1200	2.2	4.2	53.9	38.3	1.3	0	0	9.9	100.0	1093
1800	3.1	6.2	55.3	33.5	1.9	0	0	9.4	100.0	1175
TOT	144	268	2423	1576	78	1	0	9.5	100.0	4490
PCT	3.2	6.0	54.0	35.1	1.7	0	0	9.5	100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & 00-50	TOTAL OBS	MEAN CLOUD COVER
N	.3	.6	2.4	.9		5.7
NE	.7	.9	3.2	.7		5.3
E	2.1	1.7	7.6	.8		4.5
SE	5.7	4.5	7.6	1.5		4.3
S	8.4	6.1	10.0	1.7		4.0
SW	3.5	2.8	7.7	2.1		4.0
W	.9	1.5	6.2	2.8		5.0
NW	.5	.6	3.3	1.0		5.0
VAR	.0	.0	.0	.0		.0
CALM	.9	.0	1.5	.4		4.5
TOT OBS	794	669	1578	404	3446	4.7
TOT PCT	23.0	19.4	45.8	11.7	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH 1/4/8)
AND OCCURRENCE OF MH 45/8 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	599	600	999	1000	1999	2000	3499	3500	4999	5000	6499	6500	7999	8000+	MH 45/8	ANY MGT	TOTAL OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	3.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	4.2
E	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.3	.3	.3	.3	.3	.3	.3	.3	.3	6.4
SE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	15.5
S	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.4	.4	.4	.4	.4	.4	.4	.4	.4	21.5
SW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.5	.5	.5	.5	.5	.5	.5	.5	.5	11.3
W	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	6.4
NW	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	3.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	2.9
TOT OBS	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	2563
TOT PCT	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	3446
																						100.0

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	= OR > 1	VSBY (NM) = OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	4.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
= OR > 5000	5.2	6.4	6.4	6.4	6.4	6.4	6.4	6.4
= OR > 3500	7.3	8.8	8.8	8.8	8.8	8.8	8.8	8.8
= OR > 2000	15.5	18.2	18.3	18.3	18.3	18.3	18.3	18.3
= OR > 1000	19.9	23.7	24.0	24.0	24.0	24.0	24.0	24.0
= OR > 600	20.6	24.6	24.9	24.9	24.9	24.9	24.9	24.9
= OR > 300	20.9	25.1	25.4	25.4	25.4	25.4	25.4	25.4
= OR > 150	21.0	25.1	25.4	25.4	25.4	25.4	25.4	25.4
= OR > 0	21.1	25.3	25.6	25.6	25.6	25.6	25.6	25.6
TOTAL	728	871	861	862	862	862	864	864

TOTAL NUMBER OF OBS: 3448

PCT FREQ NH (5/8): 74.4

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	9	TOTAL
9.2	17.2	30.2	11.9	6.1	8.5	9.7	3.8	3.3	.0	3495

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TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VISBY (NM)	N	NE	E	SE	S	SW	W	WW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
<1/2 MO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1 MO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
1<2 MO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
2<5 MO PCP	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.2	
TOT M	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.3	
PCP	.1	.1	.0	.2	.1	.2	.3	.1	.0	.0	1.1	
5<10 MO PCP	.4	.6	.8	1.9	2.3	1.7	1.0	.5	.0	.4	9.6	
TOT M	.5	.7	.9	2.0	2.5	1.9	1.4	.5	.0	.4	10.7	
PCP	.1	.0	.0	.1	.1	.2	.1	.1	.0	.0	.7	
10+ MO PCP	3.2	4.2	6.0	17.3	26.1	14.3	9.1	4.3	.0	2.8	88.1	
TOT M	3.3	4.2	6.0	17.3	26.2	14.5	9.2	4.4	.0	2.9	88.9	
TOT OBS												3877
TOT PCT	3.8	4.9	7.7	19.5	28.7	16.3	10.7	5.0	.0	3.3	100.0	

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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSRY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1 1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1 1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 1/2	0-3	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
	4-10	.3	.5	.6	1.1	1.3	1.2	.6	.3	.0	.0	.4	.8
	11-21	.1	.2	.1	.8	1.0	.5	.6	.1	.0	.0	5.7	5.7
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.4
	TOT	.4	.6	.8	1.9	2.3	1.7	1.3	.5	.0	.0	10.0	10.0
10+	0-3	.4	.4	.7	.8	1.3	.9	.6	.4	.0	2.9	8.4	8.4
	4-10	1.9	2.5	4.3	9.4	13.7	8.6	5.0	2.6	.0	.0	47.9	47.9
	11-21	.8	1.1	1.6	6.2	11.9	5.1	3.0	1.2	.0	.0	31.6	31.6
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.5
	TOT	3.1	4.0	6.6	17.2	27.5	15.0	8.9	4.2	.0	2.9	89.4	89.4
TOT OBS		3.6	4.7	7.5	19.2	29.9	16.8	10.4	4.8	.0	3.3	100.0	100.0
TOT PCT		3.6	4.7	7.5	19.2	29.9	16.8	10.4	4.8	.0	3.3	100.0	100.0

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-NH > 470) AND
OCCURRENCE OF NH < 570 BY HOUR

HOUR (GMT)	000	150	300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400	TOTAL	NH < 570 ANY HOUR	TOTAL	NH < 570 TOTAL
00403	.1	.0	.0	.0	1.1	4.7	8.0	2.4	1.0	3.0	2.5	24.4	75.6	836							
06409	.1	.2	.5	1.0	5.0	8.5	2.0	1.4	2.2	2.2	23.0	76.2	860								
12415	.1	.1	.2	.7	6.2	12.7	2.5	9	4.1	2.1	29.7	70.3	902								
18421	.1	.0	.7	.0	5.9	7.9	2.8	.9	1.6	2.5	23.1	76.9	886								
TOT	4	3	19	31	197	326	85	43	95	81	874	2508	3492								
PCT	.1	.1	.5	.9	5.6	9.3	2.4	1.2	2.7	2.3	25.3	74.7	100.0								

TABLE 11

PERCENT FREQUENCY VS6T (MM) BY HOUR

HOUR (GMT)	< 1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL
00403	1	.0	0	.2	9.3	90.3	820
06409	1	.0	0	.1	8.1	91.7	853
12415	.0	.0	0	.2	13.1	86.7	893
18421	0	.0	1	.9	12.7	86.3	874
TOT	2	0	1	13	374	3058	3440
PCT	.1	0	.3	.4	10.8	88.7	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VS6T (MM) AND/OR
CEILING HGT (FEET-NH > 470) BY HOUR

HOUR (GMT)	< 150 < 5070	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000	< 150 < 1000
00403	.1	1.0	2.2	22.6	75.2	820															
06409	.1	.8	2.0	22.3	75.7	853															
12415	.1	.4	1.3	28.0	69.9	893															
18421	.1	.8	2.5	21.1	76.4	874															
TOT	4	26	69	810	2561	3440															
PCT	.1	.8	2.0	23.7	74.3	100.0															

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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP											
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL	PCT	FREQ
95/99	.0	.0	.0	.1	.3	.1	.1	.0	17	.5	
90/84	.0	.0	.0	.6	2.4	1.0	.6	.1	182	5.4	
85/80	.0	.0	.1	.2	3.6	16.5	14.3	2.6	1266	37.2	
80/84	.0	.0	.0	.0	.1	.9	30.9	12.2	1795	52.8	
75/79	.0	.0	.0	.0	.0	.4	11.8	1.9	139	4.1	
TOTAL	.0	.0	.4	.35	240	933	1615	572	3399	100.0	
PCT	.0	.0	.1	1.0	7.1	27.4	47.5	16.8			

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											
	N	NE	E	SE	S	SW	W	NW	VAR	CALM	
M	4.1	5.5	8.2	19.7	25.9	16.4	11.3	5.3	.0	3.6	
#	.2	.6	.9	.8	1.0	.9	.4	.3	.0	.0	
1.9	3.1	4.3	8.3	8.5	4.8	3.4	1.5	.0	1.4		
1.7	1.8	2.9	10.2	15.6	9.8	6.3	3.0	.0	1.9		
.2	.1	.1	.2	.6	1.2	1.1	.5	.0	.1		

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR									
HOURL	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL
(GMT)									
00403	98	92	89	84	80	77	73	84.1	885
06409	97	95	92	86	82	79	75	86.5	1022
12415	94	90	88	84	80	78	76	84.0	1182
18421	93	87	86	83	79	76	74	82.6	1167
TOT	98	93	90	84	80	77	73	84.3	4459

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											
HOURL	0-29	30-39	60-59	70-79	80-89	90-100	MEAN	TOTAL			
(GMT)											
00403	.0	1.0	9.0	30.3	45.9	13.7	81	885			
06409	.0	3.0	17.1	42.7	32.2	5.0	76	808			
12415	.0	.3	2.4	23.4	55.8	18.1	83	836			
18421	.0	.3	.3	14.3	55.3	29.7	86	868			
TOT	0	39	240	934	1616	572	82	3401			

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	93	TOT	M	W	W8
	76	80	84	88	92	96	FPG	FPG	FPG	FPG
17/19	.0	.0	.0	.0	.0	.0	1	.0	.0	.0
14/16	.0	.0	.1	.1	.1	.1	15	.0	.0	.4
11/13	.0	.0	.1	.2	.2	.4	31	.0	.0	.8
9/10	.0	.0	.1	.5	.5	.3	55	.0	.0	1.4
7/8	.0	.0	.3	1.5	1.4	.2	128	.0	.0	3.4
6	.0	.0	.3	1.6	1.1	.1	118	.0	.0	3.1
5	.0	.0	.7	2.0	.5	.1	161	.0	.0	4.2
4	.0	.1	1.7	3.4	.8	.0	225	.0	.0	5.9
3	.0	.1	2.1	3.9	.8	.0	261	.0	.0	6.9
2	.0	.2	5.2	4.6	.6	.0	400	.0	.0	10.5
1	.0	.2	5.4	4.5	.2	.0	393	.0	.0	10.4
0	.0	1.1	8.0	4.1	.2	.0	508	.0	.0	13.4
-1	.0	.7	6.7	3.2	.2	.0	408	.0	.0	10.8
-2	.1	1.9	6.8	1.6	.0	.0	392	.0	.0	10.3
-3	.1	1.0	4.2	1.2	.0	.0	244	.0	.0	6.4
-4	.1	.9	3.5	.7	.0	.0	202	.0	.0	5.3
-5	.1	1.0	1.7	.5	.0	.0	126	.0	.0	3.3
-6	.1	.6	1.0	.1	.0	.0	64	.0	.0	1.7
-7/-8	.2	.6	.5	.1	.0	.0	48	.0	.0	1.3
-9/-10	.2	.1	.0	.0	.0	.0	13	.0	.0	.3
TOTAL	.7	8.4	48.4	13.4	7.7	1.3	3793			99.9
PCT	.7	8.4	48.4	13.4	7.7	1.3	100.0			

PERIOD: (OVER-ALL) 1963-1971

JUNE

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

AREA 0002 OA NAMG
15.0N 100.9E

MC	1-3	4-10	11-21	22-33	34-47	48+	PCT
MC	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1	0.0	0.0	0.0	2.5
34-47	0.0	0.0	0.0	0.0	0.0	0.0	1.1
48+	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	1.9	2.5	2.5	1.1	0.0	0.0	0.0
1-3	1.5	1.4	1.2	1.0	0.0	0.0	1.9
4-10	1.5	1.4	1.2	1.0	0.0	0.0	1.9
11-21	1.2	1.2	1.1	0.0	0.0	0.0	2.5
22-33	1.0	1.1	1.1				

MG	1-3	4-10	11-21	22-33	34-47	48+	PG	1-3	4-10	11-21	22-33	34-47	48+	PG
1	1.0	6.5	2.2	0	0	0	9.6	0	0	0	0	0	0	0
1-1	1.7	2.5	1.0	0	0	0	3.2	1.3	2.6	1.1	0	0	0	0
1-2	0.0	0.0	1.0	0	0	0	0.5	0.9	0.7	0.0	0	0	0	0
3-4	0.0	0.0	0.2	0	0	0	0.5	1	0.0	0.0	0	0	0	0
5-6	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
7	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
8-9	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
10-11	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
12	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
13-16	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
17-19	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
20-22	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
23-25	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
26-32	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
33-40	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
41-48	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
49-60	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
61-70	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
71-86	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
87+	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0
PGT PGT	1.0	6.5	2.2	0	0	0	9.6	0	10.5	0.2	0	0	0	0
											1			19.6

AREA 0002 DA MANG
15.8N 108.9E

JUNE 18
TABLE 18

PERIOD: (OVER-ALL) 1963-1971

OBJECT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	1-9	1-10	1-11	1-12	1-13	1-14	1-15	1-16	1-17	1-18	1-19	1-20	1-21	1-22	1-23	1-24	1-25	1-26	1-27	1-28	1-29	1-30	1-31	1-32	1-33	1-34	1-35	1-36	1-37	1-38	1-39	1-40	1-41	1-42	1-43	1-44	1-45	1-46	1-47	1-48	1-49	1-50	1-51	1-52	1-53	1-54	1-55	1-56	1-57	1-58	1-59	1-60	1-61	1-62	1-63	1-64	1-65	1-66	1-67	1-68	1-69	1-70	1-71	1-72	1-73	1-74	1-75	1-76	1-77	1-78	1-79	1-80	1-81	1-82	1-83	1-84	1-85	1-86	1-87	1-88	1-89	1-90	1-91	1-92	1-93	1-94	1-95	1-96	1-97	1-98	1-99	1-100	1-101	1-102	1-103	1-104	1-105	1-106	1-107	1-108	1-109	1-110	1-111	1-112	1-113	1-114	1-115	1-116	1-117	1-118	1-119	1-120	1-121	1-122	1-123	1-124	1-125	1-126	1-127	1-128	1-129	1-130	1-131	1-132	1-133	1-134	1-135	1-136	1-137	1-138	1-139	1-140	1-141	1-142	1-143	1-144	1-145	1-146	1-147	1-148	1-149	1-150	1-151	1-152	1-153	1-154	1-155	1-156	1-157	1-158	1-159	1-160	1-161	1-162	1-163	1-164	1-165	1-166	1-167	1-168	1-169	1-170	1-171	1-172	1-173	1-174	1-175	1-176	1-177	1-178	1-179	1-180	1-181	1-182	1-183	1-184	1-185	1-186	1-187	1-188	1-189	1-190	1-191	1-192	1-193	1-194	1-195	1-196	1-197	1-198	1-199	1-200	1-201	1-202	1-203	1-204	1-205	1-206	1-207	1-208	1-209	1-210	1-211	1-212	1-213	1-214	1-215	1-216	1-217	1-218	1-219	1-220	1-221	1-222	1-223	1-224	1-225	1-226	1-227	1-228	1-229	1-230	1-231	1-232	1-233	1-234	1-235	1-236	1-237	1-238	1-239	1-240	1-241	1-242	1-243	1-244	1-245	1-246	1-247	1-248	1-249	1-250	1-251	1-252	1-253	1-254	1-255	1-256	1-257	1-258	1-259	1-260	1-261	1-262	1-263	1-264	1-265	1-266	1-267	1-268	1-269	1-270	1-271	1-272	1-273	1-274	1-275	1-276	1-277	1-278	1-279	1-280	1-281	1-282	1-283	1-284	1-285	1-286	1-287	1-288	1-289	1-290	1-291	1-292	1-293	1-294	1-295	1-296	1-297	1-298	1-299	1-300	1-301	1-302	1-303	1-304	1-305	1-306	1-307	1-308	1-309	1-310	1-311	1-312	1-313	1-314	1-315	1-316	1-317	1-318	1-319	1-320	1-321	1-322	1-323	1-324	1-325	1-326	1-327	1-328	1-329	1-330	1-331	1-332	1-333	1-334	1-335	1-336	1-337	1-338	1-339	1-340	1-341	1-342	1-343	1-344	1-345	1-346	1-347	1-348	1-349	1-350	1-351	1-352	1-353	1-354	1-355	1-356	1-357	1-358	1-359	1-360	1-361	1-362	1-363	1-364	1-365	1-366	1-367	1-368	1-369	1-370	1-371	1-372	1-373	1-374	1-375	1-376	1-377	1-378	1-379	1-380	1-381	1-382	1-383	1-384	1-385	1-386	1-387	1-388	1-389	1-390	1-391	1-392	1-393	1-394	1-395	1-396	1-397	1-398	1-399	1-400	1-401	1-402	1-403	1-404	1-405	1-406	1-407	1-408	1-409	1-410	1-411	1-412	1-413	1-414	1-415	1-416	1-417	1-418	1-419	1-420	1-421	1-422	1-423	1-424	1-425	1-426	1-427	1-428	1-429	1-430	1-431	1-432	1-433	1-434	1-435	1-436	1-437	1-438	1-439	1-440	1-441	1-442	1-443	1-444	1-445	1-446	1-447	1-448	1-449	1-450	1-451	1-452	1-453	1-454	1-455	1-456	1-457	1-458	1-459	1-460	1-461	1-462	1-463	1-464	1-465	1-466	1-467	1-468	1-469	1-470	1-471	1-472	1-473	1-474	1-475	1-476	1-477	1-478	1-479	1-480	1-481	1-482	1-483	1-484	1-485	1-486	1-487	1-488	1-489	1-490	1-491	1-492	1-493	1-494	1-495	1-496	1-497	1-498	1-499	1-500	1-501	1-502	1-503	1-504	1-505	1-506	1-507	1-508	1-509	1-510	1-511	1-512	1-513	1-514	1-515	1-516	1-517	1-518	1-519	1-520	1-521	1-522	1-523	1-524	1-525	1-526	1-527	1-528	1-529	1-530	1-531	1-532	1-533	1-534	1-535	1-536	1-537	1-538	1-539	1-540	1-541	1-542	1-543	1-544	1-545	1-546	1-547	1-548	1-549	1-550	1-551	1-552	1-553	1-554	1-555	1-556	1-557	1-558	1-559	1-560	1-561	1-562	1-563	1-564	1-565	1-566	1-567	1-568	1-569	1-570	1-571	1-572	1-573	1-574	1-575	1-576	1-577	1-578	1-579	1-580	1-581	1-582	1-583	1-584	1-585	1-586	1-587	1-588	1-589	1-590	1-591	1-592	1-593	1-594	1-595	1-596	1-597	1-598	1-599	1-600	1-601	1-602	1-603	1-604	1-605	1-606	1-607	1-608	1-609	1-610	1-611	1-612	1-613	1-614	1-615	1-616	1-617	1-618	1-619	1-620	1-621	1-622	1-623	1-624	1-625	1-626	1-627	1-628	1-629	1-630	1-631	1-632	1-633	1-634	1-635	1-636	1-637	1-638	1-639	1-640	1-641	1-642	1-643	1-644	1-645	1-646	1-647	1-648	1-649	1-650	1-651	1-652	1-653	1-654	1-655	1-656	1-657	1-658	1-659	1-660	1-661	1-662	1-663	1-664	1-665	1-666	1-667	1-668	1-669	1-670	1-671	1-672	1-673	1-674	1-675	1-676	1-677	1-678	1-679	1-680	1-681	1-682	1-683	1-684	1-685	1-686	1-687	1-688	1-689	1-690	1-691	1-692	1-693	1-694	1-695	1-696	1-697	1-698	1-699	1-700	1-701	1-702	1-703	1-704	1-705	1-706	1-707	1-708	1-709	1-710	1-711	1-712	1-713	1-714	1-715	1-716	1-717	1-718	1-719	1-720	1-721	1-722	1-723	1-724	1-725	1-726	1-727	1-728	1-729	1-730	1-731	1-732	1-733	1-734	1-735	1-736	1-737	1-738	1-739	1-740	1-741	1-742	1-743	1-744	1-745	1-746	1-747	1-748	1-749	1-750	1-751	1-752	1-753	1-754	1-755	1-756	1-757	1-758	1-759	1-760	1-761	1-762	1-763	1-764	1-765	1-766	1-767	1-768	1-769	1-770	1-771	1-772	1-773	1-774	1-775	1-776	1-777	1-778	1-779	1-780	1-781	1-782	1-783	1-784	1-785	1-786	1-787	1-788	1-789	1-790	1-791	1-792	1-793	1-794	1-795	1-796	1-797	1-798	1-799	1-800	1-801	1-802	1-803	1-804	1-805	1-806	1-807	1-808	1-809	1-810	1-811	1-812	1-813	1-814	1-815	1-816	1-817	1-818	1-819	1-820	1-821	1-822	1-823	1-824	1-825	1-826	1-827	1-828	1-829	1-830	1-831	1-832	1-833	1-834	1-835	1-836	1-837	1-838	1-839	1-840	1-841	1-842	1-843	1-844	1-845	1-846	1-847	1-848	1-849	1-850	1-851	1-852	1-853	1-854	1-855	1-856	1-857	1-858	1-859	1-860	1-861	1-862	1-863	1-864	1-865	1-866	1-867	1-868	1-869	1-870	1-871	1-872	1-873	1-874	1-875	1-876	1-877	1-878	1-879	1-880	1-881	1-882	1-883	1-884	1-885	1-886	1-887	1-888	1-889	1-890	1-891	1-892	1-893	1-894	1-895	1-896	1-897	1-898	1-899	1-900	1-901	1-902	1-903	1-904	1-905	1-906	1-907	1-908	1-909	1-910	1-911	1-912	1-913	1-914	1-915	1-916	1-917	1-918	1-919	1-920	1-921	1-922	1-923	1-924	1-925	1-926	1-927	1-928	1-929	1-930	1-931	1-932	1-933	1-934	1-935	1-936	1-937	1-938	1-939	1-940	1-941	1-942	1-943	1-944	1-945	1-946	1-947	1-948	1-949	1-950	1-951	1-952	1-953	1-954	1-955	1-956	1-957	1-958	1-959	1-960	1-961	1-962	1-963	1-964	1-965	1-966	1-967	1-968	1-969	1-970	1-971	1-972	1-973	1-974	1-975	1-976	1-977	1-978	1-979	1-980	1-981	1-982	1-983	1-984	1-985	1-986	1-987	1-988	1-989	1-990	1-991	1-992	1-993	1-994	1-995	1-996	1-997	1-998	1-999	1-1000	1-1001	1-1002	1-1003	1-1004	1-1005	1-1006	1-1007	1-1008	1-1009	1-1010	1-1011	1-1012	1-1013	1-1014	1-1015	1-1016	1-1017	1-1018	1-1019	1-1020	1-1021	1-1022	1-1023	1-1024	1-1025	1-1026	1-1027	1-1028	1-1029	1-1030	1-1031	1-1032	1-1033	1-1034	1-1035	1-1036	1-1037	1-1038	1-1039	1-1040	1-1041	1-1042	1-1043	1-1044	1-1045	1-1046	1-1047	1-1048	1-1049	1-1050	1-1051	1-1052	1-1053	1-1054	1-1055	1-1056	1-1057	1-1058	1-1059	1-1060	1-1061	1-1062	1-1063	1-1064	1-1065	1-1066	1-1067	1-1068	1-1069	1-1070	1-1071	1-1072	1-1073	1-1074	1-1075	1-1076	1-1077	1-1078	1-1079	1-1080	1-1081	1-1082	1-1083	1-1084	1-1085	1-1086	1-1087	1-1088	1-1089	1-1090	1-1091	1-1092	1-1093	1-1094	1-1095	1-1096	1-1097	1-1098	1-1099	1-1100	1-1101	1-1102	1-1103	1-1104	1-1105	1-1106	1-1107	1-1108	1-1109	1-1110	1-1111	1-1112	1-1113	1-1114	1-1115	1-1116	1-1117	1-1118	1-1119	1-1120	1-1121	1-1122	1-1123	1-1124	1-1125	1-1126	1-1127	1-1128	1-1129	1-1130	1-1131	1-1132	1-1133	1-1134	1-1135	1-1136	1-1137	1-1138	1-1139	1-1140	1-1141	1-1142	1-1143	1-1144	1-1145	1-1146	1-1147	1-1148	1-1149	1-1150	1-1151	1-1152	1-1153	1-1154	1-1155	1-1156	1-1157	1-1158	1-1159	1-1160	1-1161	1-1162	1-1163	1-1164	1-1165	1-1166	1-1167	1-1168	1-1169	1-1170	1-1171	1-1172	1-1173	1-1174	1-1175	1-1176	1-1177	1-1178	1-1179	1-1180	1-1181	1-1182	1-1183	1-1184	1-1185	1-1186	1-1187	1-1188	1-1189	1-1190	1-1191	1-1192	1-1193	1-1194	1-1195	1-1196	1-1197	1-1198	1-1199	1-1200	1-1201	1-1202	1-1203	1-1204	1-1205	1-1206	1-1207	1-1208	1-1209	1-1210	1-1211	1-1212	1-1213	1-1214	1-1215	1-1216	1-1217	1-1218	1-1219	1-1220	1-1221	1-1222	1-1223	1-1224	1-1225	1-12

101	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483	1484	1485	1486	1487	1488	1489	1490	1491	1492	1493	1494	1495	1496	1497	1498

PERIOD: (OVER-ALL) 1963-1971 JUNE AREA 0002 DA NANG 15.8W 108.9E

TABLE 18 (CONT)

MGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TOT
	0-3	4-10	11-21	22-33	34-47	48+	0	0	0	0		
<1	9.0	19.6	.8	.0	.0	.0	.0	.0	.0	.0	29.4	
1-2	1.9	31.5	21.6	.0	.0	.0	.0	.0	.0	.0	54.9	
3-4	.1	3.4	9.0	.9	.0	.0	.0	.0	.0	.0	13.3	
5-6	.0	.4	1.1	.2	.0	.0	.0	.0	.0	.0	1.7	
7	.0	.0	.5	.2	.0	.0	.0	.0	.0	.0	.6	
8-9	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	11.0	54.9	33.0	1.2	.0	.0	.0	.0	.0	.0	100.0	2523

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																TOTAL PCT
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48		
46	9.7	47.2	14.2	1.6	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0		
6-7	.1	3.2	2.5	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
8-9	.0	.5	.4	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0		
10-11	.0	.2	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0		
12-13	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
INDEX	9.6	5.0	2.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0		
TOTAL	534	1545	534	89	33	13	1	.0	.0	.0	.0	.0	.0	.0	.0		
PCT	19.4	56.2	19.4	3.2	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0		

JULY

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1959-1971

AREA 0002 DA NANO
15.9N 106.9E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL 00S
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE PCPN	DUST PCPN	BLNG PCPN	SWNG PCPN	
N	2		1	0	0	0	0	0	2		1	0	1	0	0	0	3.6
NE	2		1	0	0	0	0	0	1		1	0	1	0	0	0	4.3
E	1		1	0	0	0	0	0	1		2	0	1	0	0	0	6.3
SE	1		1	0	0	0	0	0	1		9	0	3	0	0	0	14.5
S	3		1	0	0	0	0	0	4		8	0	2	0	0	0	23.7
SW	5		1	0	0	0	0	0	7		8	0	3	0	0	0	19.9
W	8		1	0	0	0	0	0	1.1		4	0	1	0	0	0	10.9
NW	5		1	0	0	0	0	0	7		1	0	1	0	0	0	9.9
VAR	0		0	0	0	0	0	0	0		3	0	0	0	0	0	2.4
CALM	0		0	0	0	0	0	0	0		3	0	0	0	0	0	4
TOT 00S	125	33	19	0	0	0	0	0	3.5	171	187	2	53	4	4	4	4933
TOT PCT	2.5	7	4	0	0	0	0	0	3.5		3.8	2	1.1	1	1	1	91.6

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL 00S
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE PCPN	DUST PCPN	BLNG PCPN	SWNG PCPN	
0000	1.7	1.0	3	0	0	0	0	0	3.0		0	0	1.4	0	0	0	95.6
0600	2.3	0	6	0	0	0	0	0	3.5		2	1	1.6	2	2	2	94.4
1200	3.5	2	3	0	0	0	0	0	3.9		7.6	1	1	1	1	1	87.8
1800	2.6	6	3	0	0	0	0	0	3.4	171	7.2	0	0	0	0	0	88.8
TOT	125	33	19	0	0	0	0	0	3.5		187	2	53	4	4	4	4941
PCT	2.5	7	4	0	0	0	0	0	3.5		3.8	2	1.1	1	1	1	91.6

JULY

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1859-1971

AREA 0002 DA NAME
15.9N 108.9E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12	15	18	21				
N	.5	2.2	.9	.1	.0	.0	.0	3.7	8.5	2.3	8.6	7.5	6.3	4.0	.5	1.2	.5				
NE	.4	2.6	1.2	.4	.0	.0	.0	4.2	8.3	2.1	3.6	10.8	9.5	3.4	.1	1.1	.6				
E	.5	4.3	1.5	.4	.0	.0	.0	6.3	8.4	3.0	2.7	10.1	13.9	10.6	2.6	17.6	1.6				
SE	1.0	8.9	5.3	1.4	.0	.0	.0	15.6	9.9	7.1	7.6	11.9	14.1	28.0	26.4	17.6	8.8				
S	1.4	13.4	9.7	1.5	.0	.0	.0	26.1	11.0	25.9	21.5	18.8	22.3	24.6	35.8	33.2	30.7				
SW	1.2	10.4	6.7	2.2	.0	.0	.0	22.7	12.1	30.3	22.5	18.6	18.6	14.4	19.3	25.1	34.5				
W	.5	5.7	4.7	1.1	.0	.0	.0	12.2	12.0	18.6	15.8	12.9	19.2	6.4	8.9	11.6	13.5				
WV	.5	3.0	1.5	.4	.0	.0	.0	5.4	10.3	7.2	8.8	6.6	4.0	5.3	2.0	3.4	5.1				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CALM	3.8	2829	1881	330	25	.0	5614	3.8	10.4	3.6	10.7	2.9	1.9	3.2	2.4	4.1	4.6				
TOT OBS	549	2829	1881	330	25	.0	5614	3.8	10.4	3.6	10.7	2.9	1.9	3.2	2.4	4.1	4.6				
TOT PCT	9.8	50.4	33.5	5.9	.4	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						
	0-6	7-16	17-27	28-40																	
N	1.5	1.9	.2	.0	.0	.0	3.7	8.5	3.5	3.5	7.1	3.1	1.0	.9	.9	.9					
NE	1.6	2.4	.1	.0	.0	.0	4.2	8.3	2.5	2.5	10.4	2.5	2.5	2.5	2.5	2.5					
E	2.1	4.1	.1	.0	.0	.0	6.3	8.4	2.9	2.9	11.3	8.5	8.5	8.5	8.5	8.5					
SE	4.6	9.2	1.7	.1	.0	.0	15.6	9.9	7.2	7.2	12.6	28.1	28.1	28.1	28.1	28.1					
S	6.1	15.5	4.1	.4	.0	.0	26.1	11.0	24.7	24.7	19.9	27.7	27.7	27.7	27.7	27.7					
SW	5.3	12.1	4.5	.0	.0	.0	22.7	12.1	28.1	28.1	18.7	15.7	15.7	15.7	15.7	15.7					
W	3.0	6.4	2.3	.4	.0	.0	12.2	12.0	17.6	17.6	11.6	7.1	7.1	7.1	7.1	7.1					
WV	1.7	2.7	.8	.1	.0	.0	5.4	10.3	7.7	7.7	5.7	4.4	4.4	4.4	4.4	4.4					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
ΣLT OBS	1674	3050	783	106	1	5614	3.8	10.4	5.6	5.6	2.6	3.0	3.0	3.0	4.2	4.2					
TOT PCT	29.8	54.3	13.9	1.9	.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0					

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
WIND SPEED (KNOTS)	1-3				4-10				TOTAL
	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT	
0000	5.6	8.2	20.7	6.3	.9	.0	10.0	100.0	1347
0600	2.6	5.8	34.7	6.5	.4	.0	10.7	100.0	1483
1200	3.0	4.2	37.4	4.6	.3	.0	10.6	100.0	1344
1800	4.2	5.7	33.2	6.0	.2	.0	10.2	100.0	1440
TOT	21.4	33.5	188.1	33.0	2.5	.0	10.4	100.0	5614
PCT	5.8	6.0	33.5	5.9	.4	.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION									
WIND DIR	0-2				3-4				TOTAL
	0-2	3-4	5-7	8-6	00SCD	00S	MEAN CLOUD COVER	00S	
N	1.3	1.0	2.0	1.1			5.7		
NE	1.0	1.4	2.1	1.0			5.1		
E	2.0	1.4	3.0	1.9			4.4		
SE	5.1	3.6	5.9	1.6			4.2		
S	7.3	4.6	8.0	3.0			4.3		
SW	4.7	3.7	8.7	3.9			4.9		
W	2.2	1.9	5.1	4.3			5.6		
NW	.7	.9	1.9	2.6			6.0		
VAR	.0	.0	.0	.0			.0		
CALM	.9	.7	1.6	.8			4.9		
TOT 00S	1002	824	1697	854			4.8		4457
TOT PCT	24.3	18.5	38.1	19.2					100.0

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT-M) 24/8 AND OCCURRENCE OF MH 45/8 BY WIND DIRECTION									
WIND DIR	0-2				3-4				TOTAL
	0-2	3-4	5-7	8-6	00SCD	00S	MEAN CLOUD COVER	00S	
N	1.3	1.0	2.0	1.1			5.7		
NE	1.0	1.4	2.1	1.0			5.1		
E	2.0	1.4	3.0	1.9			4.4		
SE	5.1	3.6	5.9	1.6			4.2		
S	7.3	4.6	8.0	3.0			4.3		
SW	4.7	3.7	8.7	3.9			4.9		
W	2.2	1.9	5.1	4.3			5.6		
NW	.7	.9	1.9	2.6			6.0		
VAR	.0	.0	.0	.0			.0		
CALM	.9	.7	1.6	.8			4.9		
TOT 00S	1002	824	1697	854			4.8		4457
TOT PCT	24.3	18.5	38.1	19.2					100.0

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM > 4/8) AND VSBY (MM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	VSBY (MM) = OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 10
= OR > 6500	5.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7
= OR > 5000	6.3	8.5	8.5	8.5	8.5	8.5	8.5	8.5
= OR > 3500	7.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3
= OR > 2000	12.8	16.9	17.0	17.0	17.0	17.0	17.0	17.0
= OR > 1000	16.6	22.2	22.4	22.5	22.5	22.5	22.5	22.5
= OR > 600	17.1	22.8	23.1	23.1	23.2	23.2	23.2	23.2
= OR > 500	17.1	22.9	23.1	23.2	23.3	23.3	23.3	23.3
= OR > 150	17.1	22.9	23.2	23.2	23.3	23.3	23.3	23.3
= OR > 0	17.3	23.0	23.3	23.4	23.5	23.5	23.5	23.5
TOTAL	770	1028	1042	1043	1048	1048	1048	1048

TOTAL NUMBER OF OBS: 4463

PCT FREQ MM < 5/8: 76.5

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	00SCD	TOTAL OBS
9.5	21.2	30.2	10.2	5.5	5.6	9.0	3.4	5.3	.1	4529

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TABLE 6
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSDBT (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL GBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
M8 PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.#	.#	.#	.#	.#	.#	.#	.#	.0	.0	.1	
M8 PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT M	.#	.#	.#	.#	.#	.#	.#	.#	.0	.0	.1	
PCP	.0	.0	.0	.0	.0	.0	.0	.#	.0	.0	.#	
M8 PCP	.0	.0	.0	.0	.0	.#	.#	.#	.0	.0	.#	
TOT M	.0	.0	.0	.0	.0	.#	.#	.#	.0	.0	.#	
PCP	.0	.0	.0	.#	.#	.#	.1	.1	.0	.0	.3	
M8 PCP	.0	.0	.0	.#	.1	.1	.#	.0	.0	.0	.1	
TOT M	.0	.0	.0	.#	.1	.1	.1	.1	.0	.0	.4	
PCP	.1	.#	.1	.1	.2	.4	.7	.4	.0	.#	2.0	
M8 PCP	.4	.6	.2	2.1	4.1	3.1	1.6	.9	.0	.4	14.0	
TOT M	.5	.6	.9	2.2	4.3	3.5	2.3	1.3	.0	.4	16.1	
PCP	.1	.#	.#	.#	.1	.2	.3	.2	.0	.0	1.0	
M8 PCP	3.3	4.0	5.8	13.5	20.5	17.9	9.8	4.1	.0	3.3	82.4	
TOT M	3.4	4.0	5.8	13.5	20.6	18.2	10.1	4.3	.0	3.3	83.4	
TOT GBS	4.0	4.6	6.8	15.8	25.0	21.8	12.5	5.8	.0	3.7	100.0	4933

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TABLE 9
PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISY (MI)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	0-3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
	4-10	.3	.3	.6	1.4	2.0	1.4	.8	.6	.0	.4	1.4
	11-21	.1	.1	.2	.6	1.5	1.2	1.0	.4	.0	.0	.7
	22+	.5	.6	.9	2.1	4.1	3.4	2.2	1.2	.0	.4	15.4
	TOT %	.4	.3	.5	.7	1.0	1.0	.4	.4	.0	.3	8.1
10+	0-3	.4	.3	.5	.7	1.0	1.0	.4	.4	.0	.3	8.1
	4-10	1.9	2.4	3.7	7.2	10.9	8.3	4.8	2.5	.0	.0	42.0
	11-21	.9	1.1	1.4	5.0	6.2	7.7	3.9	1.2	.0	.0	29.0
	22+	.1	.1	.0	.4	1.4	1.9	.9	.2	.0	.0	4.8
	TOT %	3.3	3.8	5.6	13.4	21.4	18.9	9.9	4.2	.0	.3	83.9
TOT OBS												5105
TOT PCT		3.8	4.4	6.5	15.6	25.7	22.4	12.3	5.6	.0	3.7	100.0

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TABLE 10
PERCENT FREQUENCY OF CEILING HEIGHTS (FEET.MH >4/8) AND
OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000	150	300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	TOTAL	MH <5/8 ANY HGT	TOTAL
0000Z	.3	.0	.0	.0	.7	5.4	6.7	2.2	2.4	4.9	2.3	24.8	75.2	1135			
0600Z	.3	.0	.1	.6	4.0	6.4	1.9	1.1	3.9	2.1	20.3	79.7	1108				
1201Z	.0	.0	.0	.0	.0	6.3	7.5	1.7	1.5	4.5	2.6	24.8	75.2	1148			
1802Z	.2	.2	.1	.7	6.1	5.9	1.5	1.9	3.9	2.4	22.8	77.2	1126				
TOT	8	2	2	32	246	299	82	77	195	106	1049	3468	4517				
PCT	.2	5	5	7	5.4	6.6	1.8	1.7	4.3	2.3	23.2	76.8	100.0				

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL
0000Z	.0	.3	.0	.4	14.7	84.7	1123
0600Z	.0	.1	.1	.3	14.1	85.5	1095
1201Z	.0	.2	.1	.3	16.9	82.5	1133
1802Z	.0	.1	.0	.6	18.7	80.5	1115
TOT	0	7	2	17	720	3720	4466
PCT	.0	.2	5	14	16.1	83.3	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET.MH >4/8) BY HOUR

HOUR (GMT)	<150 <5070	<600 <15	<1000 <5	<1000+ AND 5+	MH <5/8 AND 5+	TOTAL CJS
0000Z	.4	.5	1.5	23.7	74.8	1123
0600Z	.3	.5	1.5	19.2	79.4	1095
1201Z	.2	.3	1.1	24.7	74.7	1133
1802Z	.2	.4	1.4	21.7	76.3	1115
TOT	11	19	62	992	3412	4466
PCT	.2	.4	1.4	22.2	76.4	100.0

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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP		TOTAL					
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89
100/104	.0	.0	.0	.1	.0	.0	.0
95/99	.0	.0	.0	.1	.1	.0	.0
90/94	.0	.0	.0	.1	.2	.3	.1
85/89	.0	.0	.0	.1	.2	.3	.1
80/84	.0	.0	.0	.0	.0	.0	.0
75/79	.0	.0	.0	.0	.0	.0	.0
TOTAL	.0	.0	.0	.4	.93	.488	.1424
PCT	.0	.0	.0	.1	2.1	11.0	32.1

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
	NE	E	SE	S	SW	W	NW	VAR	CALM	
100/104	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
95/99	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
90/94	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
85/89	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
80/84	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
75/79	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
TOTAL	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL	00S
00403	100	91	89	84	80	78	75	83.9	1247	885
06409	100	94	92	86	82	79	75	86.3	1469	1106
12415	99	90	88	84	80	78	76	84.0	1347	1091
18421	89	87	86	83	79	78	76	82.7	1430	1122
TOT	100	92	89	84	80	78	75	84.2	5501	4437

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00403	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
06409	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12415	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18421	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (HOURS OUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	80	84	88	89	92	96	TOT	M	W	W8
14/16	.0	.0	.0	.0	.0	.1	.1	.1	11	.0	.0	.2
11/13	.0	.0	.0	.0	.1	.6	.2	.2	49	.0	.0	1.0
9/10	.0	.0	.0	.0	.5	.9	.3	.3	86	.0	.0	1.7
7/8	.0	.0	.0	.3	1.3	1.8	.2	.2	165	.0	.0	3.4
6	.0	.0	.0	.4	1.7	.0	.1	.1	149	.0	.0	3.1
5	.0	.0	.0	.9	2.4	.3	.2	.2	224	.0	.0	4.6
4	.0	.0	.0	1.5	3.1	.8	.2	.2	255	.0	.0	5.2
3	.0	.0	.0	2.1	4.1	.6	.2	.2	336	.0	.0	6.9
2	.0	.0	.2	4.3	5.4	.3	.0	.0	521	.0	.0	10.7
1	.0	.2	5.2	5.6	.4	.0	.0	.0	538	.0	.0	11.5
0	.1	1.0	9.4	4.5	.1	.0	.0	.0	739	.0	.0	15.2
-1	.2	1.4	6.8	3.2	.2	.0	.0	.0	523	.0	.0	10.7
-2	.2	.8	7.3	.9	.2	.0	.0	.0	467	.0	.0	9.6
-3	.2	.8	4.7	.9	.2	.0	.0	.0	315	.0	.0	6.5
-4	.2	1.1	2.9	.3	.0	.0	.0	.0	207	.0	.0	4.2
-5	.2	.7	1.7	.2	.0	.0	.0	.0	128	.0	.0	2.6
-6	.2	.5	.7	.0	.0	.0	.0	.0	58	.0	.0	1.2
-7/-8	.1	.5	.6	.0	.0	.0	.0	.0	59	.0	.0	1.2
-9/-10	.1	.2	.0	.0	.0	.0	.0	.0	15	.0	.0	.3
-11/-12	.0	.0	.0	.0	.0	.0	.0	.0	1	.0	.0	.0
TOTAL									4866			
PCT	.5	7.4	49.2	33.9	7.9	.9	.9	.9	100.0			99.9

PERIOD (OVER-ALL) 1963-1971 JULY AREA 0002 DA NANG 15.9M 108.9E

TABLE 10 PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	2	1.6	1.0	0	0	0	2.0	.4	1.7	.9	0	0	0	2.3
3-4	0	1.2	1.0	0	0	0	2.4	.1	1.3	.9	0	0	0	2.4
5-6	0	0	1	1	0	0	.3	.4	.1	.1	0	0	0	.2
7	0	0	0	0	0	0	.1	0	0	0	0	0	0	0
8-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33-40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61-70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71-86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOT PCT	5	2.9	1.2	.1	.0	.0	4.8	.5	3.1	1.3	.0	.0	.0	4.9

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.5	1.5	1.1	0	0	0	2.1	.4	3.1	.5	0	0	0	3.5
3-4	.2	3.0	1.5	0	0	0	4.6	.3	5.5	4.5	0	0	0	10.3
5-6	0	.4	.3	0	0	0	.7	.4	1.0	.8	.2	0	0	2.0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-9	0	0	0	0	0	0	0	0	0	.2	.1	0	0	.3
10-11	0	0	0	0	0	0	0	0	0	.1	.1	0	0	.2
12	0	0	0	0	0	0	0	0	0	0	.1	0	0	.1
13-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33-40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61-70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71-86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOT PCT	.7	4.9	1.9	0	.0	.0	7.4	.8	9.6	5.9	.5	.0	.0	16.8

PERIOD: (AVER-ALL) 1963-1971

JULY

AREA 0002 DA NAME
15.9M 108.9E

TABLE 10
PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3					4-10					11-21					22-33					34-47					48+					PCT				
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.9	2.8	3.7	.0	.0	.0	4.0	.8	3.4	.1	.0	.0	.0	4.0	.8	3.4	.1	.0	.0	.0	.0	.8	3.4	.1	.0	.0	.0	.0	.8	3.4	.1	.0	.0	.0	4.4
4-10	.4	7.5	1.8	.0	.0	.0	11.6	.4	5.9	5.0	.0	.0	.0	11.6	.4	5.9	5.0	.0	.0	.0	.0	.4	5.9	5.0	.0	.0	.0	.4	5.9	5.0	.0	.0	.0	11.3	
11-21	.0	.9	.7	.2	.1	.0	3.1	.0	.7	2.2	1.1	.0	.0	3.1	.0	.7	2.2	1.1	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	
22-33	.0	.0	.6	.5	.1	.0	1.0	.0	.1	.1	.1	.0	.0	1.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0		
34-47	.0	.0	.1	.4	.0	.0	.5	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2		
48+	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1		
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	1.3	11.3	7.2	1.5	.1	.0	21.4	1.2	10.1	7.9	1.8	.1	.0	21.2	1.2	10.1	7.9	1.8	.1	.0	.0	1.2	10.1	7.9	1.8	.1	.0	.0	1.2	10.1	7.9	1.8	.1	.0	21.2

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.5	2.5	3.4	.0	.0	.0	3.2	.6	1.6	.9	.0	.0	.0	3.2	.6	1.6	.9	.0	.0	.0	.0	.6	1.6	.9	.0	.0	.0	.0	.6	1.6	.9	.0	.0	.0	2.2
4-10	.3	2.9	1.5	.0	.0	.0	6.5	.6	1.6	.9	.0	.0	.0	6.5	.6	1.6	.9	.0	.0	.0	.0	.6	1.6	.9	.0	.0	.0	.0	.6	1.6	.9	.0	.0	.0	2.6
11-21	.0	.7	.3	.8	.0	.0	3.0	.0	.3	.5	.3	.0	.0	3.0	.0	.3	.5	.3	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	
22-33	.0	.1	.1	.1	.0	.0	.5	.0	.0	.2	.1	.0	.0	.5	.0	.0	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
34-47	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48+	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	.7	6.1	5.4	1.1	.1	.0	13.5	.6	3.5	1.8	.5	.0	.0	13.5	.6	3.5	1.8	.5	.0	.0	.0	.6	3.5	1.8	.5	.0	.0	.0	.6	3.5	1.8	.5	.0	.0	6.5

PERIOD: (OVER-ALL) 1963-1971
 JULY
 TABLE 10 (CONT)
 AREA 0002 DA NAMG
 15.9N 108.8E

WGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
11	9.2	18.0	.9	.0	.0	.0	28.1	
1-2	1.9	28.4	20.7	.0	.0	.0	51.0	
3-4	.1	4.1	7.2	2.7	.0	.0	14.1	
5-6	.2	.2	1.6	1.1	.1	.0	3.2	
7	.0	.2	1.1	.9	.2	.0	2.2	
8-9	.0	.0	.4	.3	.0	.0	.9	
10-11	.0	.0	.4	.4	.1	.0	.5	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	11.2	50.8	32.1	5.5	.4	.0	100.0	
							3142	

PERIOD: (OVER-ALL) 1949-1971										TABLE 19											
										PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)											
PERIOD (SEC)	41	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
6	9.4	41.0	13.3	2.5	1.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2423	2
6-7	.1	4.3	2.4	.7	1.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	315	3
8-9	.0	1.4	.9	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	142	5
10-11	.0	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	30	4
12-13	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	9	5
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	9
INDEX	8.3	5.8	2.5	1.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	634	2
TOTAL	633	1881	694	148	124	44	30	1	1	1	1	1	1	1	1	1	1	1	1	3559	2
PCT	17.8	52.9	19.5	4.2	3.5	1.2	.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	2

PERIOD: (PRIMARY: 1939-1971
(OVER-ALL) 1950-1971

AUGUST

AREA 0002 DA MAND
15.0M 100.9E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	SHWR	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL 00S
				FRZG	SNOW	OTHER	PCPN					FRZG	SMOKE	DUST	NO	
N	.2	.1	.1	.0	.0	.0	.0	.0	.3		.2	.0	.0	.0	.0	4.7
NE	.1	.1	.1	.0	.0	.0	.0	.0	.1		.1	.0	.1	.0	.0	5.5
E	.2	.1	.1	.0	.0	.0	.0	.0	.3		.4	.0	.1	.0	.0	7.5
SE	.1	.1	.1	.0	.0	.0	.0	.0	.2		1.0	.0	.1	.0	.0	13.1
S	.3	.1	.1	.0	.0	.0	.0	.0	.5		.0	.0	.0	.0	.0	10.1
SW	.5	.3	.1	.0	.0	.0	.0	.0	.9		.9	.0	.0	.0	.0	21.0
W	.8	.2	.1	.0	.0	.0	.0	.0	1.1		.6	.0	.0	.0	.0	12.7
NW	.3	.2	.1	.0	.0	.0	.0	.0	.5		.2	.0	.0	.0	.0	4.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0
CALM	.95	.49	.19	.0	.0	.0	.0	.0	.1	159	177	.0	.1	.0	.0	3.5
TOT 00S																
TOT PCT	2.4	1.2	.5	.0	.0	.0	.0	.0	4.1		4.5	.0	.5	.1	.2	3571
																91.1
																3922

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	SHWR	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL 00S
				FRZG	SNOW	OTHER	PCPN					FRZG	SMOKE	DUST	NO	
0040Z	2.2	.8	.2	.0	.0	.0	.0	.0	3.1		.1	.0	.7	.0	.0	96.1
0640Z	2.3	1.1	.5	.0	.0	.0	.0	.0	3.9		.2	.1	.9	.1	.1	95.0
1241Z	2.3	1.4	.7	.0	.0	.0	.0	.0	4.3		0.4	.0	.1	.1	.1	87.1
1842Z	2.9	1.6	.5	.0	.0	.0	.0	.0	4.9		9.3	.0	.1	.0	.0	86.1
TOT	.95	.49	.19	.0	.0	.0	.0	.0		159	177	.0	.1	.0	.0	3570
PCT	2.4	1.2	.5	.0	.0	.0	.0	.0	4.0		4.5	.0	.5	.1	.2	3570
																91.1

PERIOD: (PRIMARY) 1939-1971
(OVER-ALL) 1958-1971

AUGUST

AREA 0002 DA MANG
15.0M 100.9E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)								TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	48+	00	03				06	09	12	15	18	21		
N	.7	2.8	1.3	.1	.0	.0	.0	4.9	8.5	2.5	3.6	8.8	10.0	5.6	3.2	2.0	1.9		
NE	.7	3.6	1.0	#	.0	.0	.0	5.3	7.6	1.5	5.4	10.8	13.4	5.5	2.3	1.6	1.4		
E	.7	5.1	1.6	#	.0	.0	.0	7.5	7.9	2.3	3.7	10.6	12.2	14.5	3.9	5.3	1.8		
SE	1.2	8.3	4.1	.1	.0	.0	.0	13.6	9.0	7.9	8.9	11.4	13.7	21.4	23.3	15.2	8.1		
S	1.1	12.5	7.4	.6	.0	.0	.0	21.6	9.8	17.7	20.4	15.5	20.4	22.4	24.4	28.1	27.8		
SW	1.7	11.4	9.3	1.4	#	.0	.0	23.8	10.8	36.6	26.1	21.2	16.4	14.6	18.7	24.8	31.6		
W	1.4	7.4	4.0	.7	.0	.0	.0	13.5	9.7	21.9	18.8	10.8	6.5	7.3	13.9	13.9	17.6		
NW	.7	2.9	1.5	.2	.0	.0	.0	5.3	9.2	6.0	6.2	7.3	5.5	4.3	4.1	4.6	3.7		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	4.3	2473	1388	139	2	.0	4575	4.3	.0	3.5	6.8	3.6	2.0	4.3	6.3	4.3	6.1		
TOT OBS	573	54.1	30.3	3.0	#	.0		100.0	9.2	745	322	831	409	786	317	769	396		
TOT PCT	12.5									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)								
	0-6	7-16	17-27	28-40	#	.0	.0	.0	.0	.0					00	03	06	09	12	15	18	21	
N	1.9	2.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	2.8	9.2	4.9	2.0				
NE	2.4	2.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	2.7	11.6	4.6	1.5				
E	3.1	4.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	2.8	11.1	4.4	1.5				
SE	4.4	8.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	8.2	12.2	21.9	12.0				
S	6.2	12.2	2.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.5	18.5	17.1	23.0	28.0				
SW	6.4	13.5	3.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	33.5	33.5	19.6	15.8	27.1				
W	4.7	7.1	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.9	20.9	9.4	9.2	15.2				
NW	2.0	2.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.0	6.7	4.3	4.3				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CALM	4.3	2495	433	28	.6	.0	4575	4.3	.0	4.5	3.1	4.9	4.9	4.9	1067	1067	1240	1103	1165				
TOT OBS	1619	54.5	9.5	.6		.0		100.0	9.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
TOT PCT	35.4																						

PERIOD: (PRIMARY) 1939-1971
(OVER-ALL) 1850-1971

AUGUST

AREA 0002 DA NANG
15.6N 108.9E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT	TOTAL
				11-21	22-33	34-47					
0603	4.5	11.0	51.6	20.1	4.7	.1	.0	9.1	100.0	1067	
0609	3.1	7.3	53.5	22.7	3.4	.1	.0	9.6	100.0	1240	
2415	4.9	6.4	56.6	30.1	2.0	.0	.0	9.0	100.0	1103	
0621	4.9	8.3	54.5	30.1	2.1	.0	.0	8.9	100.0	1165	
TOT	197	376	2473	1388	139	2	.0	9.2	100.0	4575	
PCT	4.3	8.2	54.1	30.3	3.0	.0	.0	9.2	100.0		

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-9	BOSSCD	TOTAL	MEAN	CLOUD	COVER
N	.4	.6	2.6	2.0		6.2			
NE	.9	.7	3.5	1.2		5.4			
E	1.0	1.6	3.8	1.6		5.0			
SE	3.3	2.6	5.9	2.4		4.8			
S	3.6	2.8	6.3	4.1		5.1			
SW	3.3	3.4	9.5	6.7		5.6			
W	1.9	1.5	6.4	5.4		5.9			
NW	.4	.7	2.6	2.2		4.2			
VAR	.0	.0	1.0	1.3		5.0			
CALM	1.0	.4	1.8	1.3		5.4			
TOT	570	496	1466	930		3462			
TOT PCT	16.5	14.3	42.3	26.9		100.0			

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MM 1/4/8)
AND OCCURRENCE OF MM 1/5/8 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	599	600	1000	2000	3500	4999	5000	6500	8000+	MM 1/5/8	TOTAL
N	.0	.0	.0	.0	.0	.0	.1	.6	.6	.1	.1	.1	.2	.1	3.9	
NE	.0	.0	.0	.0	.0	.0	.0	.4	.6	.1	.1	.1	.2	.1	4.7	
E	.0	.0	.0	.0	.0	.0	.0	.5	.8	.1	.1	.1	.5	.3	7.0	
SE	.0	.0	.0	.0	.0	.0	.1	.9	1.4	.2	.1	.5	.3	.6	10.8	
S	.0	.0	.0	.0	.1	.2	.2	1.2	1.4	.3	.3	.6	.7	.6	12.1	
SW	.0	.0	.0	.0	.1	.1	.3	1.3	2.1	.5	.5	.7	.8	.6	16.0	
W	.0	.0	.0	.0	.0	.0	.3	1.6	1.0	.5	.2	.4	.2	.1	10.6	
NW	.0	.0	.0	.0	.0	.0	.1	.6	.8	.1	.1	.2	.1	.1	3.9	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.2	.3	.0	.0	.1	.1	.1	3.6	
TOT	1	1	0	0	6	28	253	309	69	49	105	2539	3462	100.0		
TOT PCT	.0	.0	.0	.2	.8	7.3	8.9	2.0	1.4	3.0	3.0	73.3	100.0			

PERIOD: (PRIMARY) 1939-1971
(OVER-ALL) 1958-1971

AUGUST

AREA 0002 DA NAMG
15.8N 108.9E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NM >4/8) AND VSBY (NM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	= OR >1	VSBY (NM) = OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >5000	4.5	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0
= OR >5000	5.7	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4
= OR >3500	7.5	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4
= OR >2000	14.8	18.0	18.3	18.3	18.3	18.3	18.3	18.3	18.3
= OR >1000	19.6	24.9	25.6	25.6	25.6	25.6	25.6	25.6	25.6
= OR >600	19.9	25.5	26.3	26.4	26.4	26.4	26.4	26.4	26.4
= OR >300	20.0	25.7	26.5	26.6	26.6	26.6	26.6	26.6	26.6
= OR >150	20.0	25.7	26.5	26.6	26.6	26.6	26.6	26.6	26.6
= OR >0	20.0	25.7	26.5	26.6	26.6	26.6	26.6	26.6	26.6
TOTAL	693	892	920	922	922	922	923	923	923

TOTAL NUMBER OF OBS: 3467

PCT FREQ NM <5/8: 73.4

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	9	TOTAL
6.0	21.3	27.6	11.1	6.6	6.9	9.9	4.2	5.5	.1	3521
										885

PERIOD: (PRIMARY) 1959-1971
(OVER-ALL) 1958-1971

AUGUST

AREA 0002 DA MANG
15.8N 108.9E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	N	NE	E	SE	S	SW	W	WW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.2	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.2	
PCP	.1	.0	.1	.0	.1	.1	.1	.1	.0	.0	.6	
NO PCP	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	.5	
TOT %	.1	.0	.1	.1	.2	.2	.2	.2	.0	.1	1.0	
PCP	.2	.1	.1	.1	.2	.3	.6	.3	.0	.1	2.0	
NO PCP	.6	.5	1.3	2.6	2.9	2.8	2.5	1.2	.0	.8	15.7	
TOT %	.9	1.0	1.4	2.6	3.1	3.1	3.1	1.5	.0	.9	17.7	
PCP	.1	.1	.1	.1	.2	.4	.2	.1	.0	.0	1.2	
NO PCP	4.1	4.8	6.6	11.1	15.9	19.0	10.8	3.8	.0	3.2	79.6	
TOT %	4.2	4.9	6.7	11.6	16.1	19.4	11.1	3.9	.0	3.2	81.0	
TOT OBS	5.2	5.9	8.2	14.3	19.4	22.6	14.4	5.6	.0	4.2	100.0	3922

PERIOD: (PRIMARY) 1959-1971
(OVER-ALL) 1950-1971

AUGUST

AREA 0002 DR MANG
15.0M 108.9E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPO KTS	N	MC	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2 (1	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT M	0	0	0	0	0	0	0	0	0	0	0	0
1 (2	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT M	0	0	0	0	0	0	0	0	0	0	0	0
2 (5	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT M	0	0	0	0	0	0	0	0	0	0	0	0
5 (10	0-3	1	1	1	1	1	1	1	1	1	1	1	1
	4-10	6	6	6	6	6	6	6	6	6	6	6	6
	11-21	2	2	2	2	2	2	2	2	2	2	2	2
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT M	9	9	9	9	9	9	9	9	9	9	9	9
10+	0-3	5	5	5	5	5	5	5	5	5	5	5	5
	4-10	23	23	23	23	23	23	23	23	23	23	23	23
	11-21	11	11	11	11	11	11	11	11	11	11	11	11
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT M	40	40	40	40	40	40	40	40	40	40	40	40
TOT OBS		50	50	50	50	50	50	50	50	50	50	50	4228
TOT PCT		5.0	5.6	8.0	14.0	20.3	23.4	14.0	5.6	0	4.2	100.0	

PERIOD: (PRIMARY) 1939-1971
(OVER-ALL) 1858-1971

AUGUST

AREA 0002 DR HANG
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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MM >4/8) AND
OCCURRENCE OF MM <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MM <5/8 ANY HGT	TOTAL MM <5/8 OBS
00403	0	0	0	0	6	6.5	9.7	1.9	1.5	3.4	4.5	28.4	71.6
06409	0	0	0	0	0	5.6	6.0	2.3	1.5	3.0	2.3	21.2	78.8
12415	1	0	0	0	0	8.6	9.0	2.1	1.7	2.7	2.4	27.6	72.4
18421	0	0	0	0	0	8.1	10.6	1.6	0.9	3.0	2.5	28.2	71.8
TOT	1	0	0	0	6	253	310	69	49	105	103	924	2585
PCT	1	0	0	0	6	7.2	8.8	2.0	1.4	3.0	2.9	26.3	73.7
													100.0

TABLE 11

PERCENT FREQUENCY VSBY (MM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1/2	2<5	5<10	10+	TOTAL OBS
00403	0	0	0	0	0	0	0
06409	0	0	0	0	0	0	0
12415	0	0	0	0	0	0	0
18421	0	0	0	0	0	0	0
TOT	0	0	0	0	0	0	0
PCT	0	0	0	0	0	0	0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (MM) AND/OR
CEILING HGT (FEET-MM >4/8) BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	MM <5/8 AND 5+	TOTAL OBS
00403	0	0	0	0	0	0
06409	0	0	0	0	0	0
12415	0	0	0	0	0	0
18421	0	0	0	0	0	0
TOT	0	0	0	0	0	0
PCT	0	0	0	0	0	0

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PERIOD: (PRIMARY) 1939-1971
(OVER-ALL) 1950-1971

AREA 0002 DA NAMC
15.0N 108.9E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	90-100	90-100		
95/99	0	0	0	1	3	4	1	0	0	29	0	
90/94	0	0	0	1	3	2	1	0	0	214	6.1	
85/89	0	0	0	0	0	9	19	9	5	1422	40.9	
80/84	0	0	0	0	1	1	12	26	9	1665	47.8	
75/79	0	0	0	0	0	0	0	1	7	150	4.3	
70/74	0	0	0	0	0	0	0	0	0	1		
TOTAL	0	0	0	5	84	468	1154	1333	437	3481	100.0	
PCT	0	0	0	1	2.4	13.4	33.2	38.3	12.6			

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
N	NE	E	SE	S	SW	W	NW	VAR	CALM
.1	.1	.1	.1	.2	.1	.1	.1	.0	.0
.6	.7	.9	1.0	.4	1.3	.8	.3	.0	.2
2.7	3.3	4.6	6.0	6.2	9.1	5.6	2.1	.0	1.3
2.1	2.0	3.1	7.2	9.0	11.2	7.7	2.9	.0	2.8
.2	.2	.2	.2	.8	1.0	1.1	.3	.0	.3
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5.7	6.2	8.8	14.5	16.6	22.0	15.2	5.7	.0	4.6

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS		
00003	96	91	88	84	79	79	75	83.9	1063		
06009	99	96	92	86	82	78	73	86.6	1226		
12015	95	89	88	84	80	78	75	84.0	1103		
18021	92	87	86	83	79	77	72	82.7	1160		
TOT	99	93	90	84	80	77	72	84.3	4552		

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR								
HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00003	0	3.0	14.8	37.2	34.2	10.9	78	847
06009	0	6.6	28.7	41.8	17.1	5.9	73	869
12015	0	3	6.1	31.6	49.2	12.0	81	899
18021	0	5	4.6	22.0	52.4	20.6	83	871
TOT	0	8	469	1154	1337	437	79	3486

PCN100: (PRIMARY) 1939-1971
(COVER-ALL) 1850-1971

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AREA 0002 DA MANG
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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	73	77	81	85	89	93	TOT	M	W	MO
	72	76	80	84	88	92	96	FOG	FOG	FOG	FOG
14/16	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.1
11/13	.0	.0	.0	.0	.0	.1	.1	.36	.0	.0	.8
9/10	.0	.0	.0	.0	.0	.1	.2	.27	.0	.0	.7
7/8	.0	.0	.0	.0	.1	.7	.6	.89	.0	.0	2.3
5	.0	.0	.0	.0	.1	.7	.1	.75	.0	.0	2.0
4	.0	.0	.0	.0	.3	1.5	1.8	.146	.0	.0	3.8
3	.0	.0	.0	.0	.9	2.5	1.1	.174	.0	.0	4.6
2	.0	.0	.0	.0	.8	4.1	1.1	.230	.0	.0	6.0
1	.0	.0	.0	.0	3.9	5.2	.7	.175	.0	.0	9.8
0	.0	.0	.0	.0	3.7	5.7	.3	.367	.0	.0	9.6
-1	.0	.0	.0	.0	3.0	4.0	.3	.574	.0	.0	15.0
-2	.0	.0	.0	.0	3.6	3.4	.1	.407	.0	.0	10.7
-3	.0	.0	.0	.0	8.7	2.0	.1	.409	.0	.0	10.7
-4	.0	.0	.0	.0	9.4	1.5	.0	.260	.0	.0	6.0
-5	.0	.0	.0	.0	4.3	.3	.0	.233	.0	.0	6.1
-6	.0	.0	.0	.0	3.1	.5	.0	.177	.0	.0	4.5
-7/-8	.0	.0	.0	.0	1.3	1.0	.2	.094	.0	.0	2.5
-9/-10	.0	.0	.0	.0	1.3	1.0	.1	.099	.0	.0	2.6
-11/-13	.0	.0	.0	.0	.6	.3	.0	.036	.0	.0	.9
TOTAL	.0	.1	.1	.0	.0	.0	.0	.8	.0	.0	.2
PCT	.5	7.9	46.4	35.4	7.7	1.4	1.4	3817	.0	.0	99.7
								100.0			

PERIOD: (OVER-ALL) 1963-1971

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TABLE 18

AREA 0002, DA NAME
15.8M 108.9E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	TOT PCT
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	6	3.5	1.6	.0	.0	.0	.7	4.5	.8	.0	.0	.0	.0	6.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.0	6.9	2.0	.0	.0	.0	9.9	1.2	9.3	3.7	.0	.0	.0	14.2

PERIOD: (OVER-ALL) 1963-1971

AUGUST
TABLE 18

AREA 0002 DA MANG
15.8M 108.9E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

MGT	S										SW										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-1	.4	2.3	.1	.0	.0	.0	2.8	1.1	3.0	.1	.0	.0	.0	4.2	.6	7.5	6.0	.0	.0	.0	14.1
1-2	.4	6.2	2.2	.0	.0	.0	8.8	.6	.0	.0	.0	.0	.0	14.1	.0	.0	.0	.0	.0	.0	14.1
3-4	.0	.6	1.4	.2	.0	.0	2.2	.0	.6	2.8	1.0	.0	.0	4.4	.0	.4	.4	.1	.0	.0	.9
5-6	.0	.0	.4	.1	.0	.0	.5	.0	.0	.1	.1	.0	.0	.2	.0	.0	.1	.1	.0	.0	.1
7	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.8	9.1	4.3	.3	.0	.0	14.5	1.7	11.4	9.4	1.3	.0	.0	23.8							

MGT	M										MM										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-1	.4	4.0	.1	.0	.0	.0	5.3	.5	1.2	.0	.0	.0	.0	1.7	.2	1.9	1.3	.0	.0	.0	3.4
1-2	.4	4.6	3.3	.0	.0	.0	8.2	.2	.0	.0	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.6
3-4	.0	.4	1.3	.6	.0	.0	2.3	.0	.1	.3	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
5-6	.0	.0	.1	.2	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.6	9.0	4.8	.8	.0	.0	16.2	.8	3.3	1.7	.1	.0	.0	5.9							

PERIOD: (OVER-ALL) 1963-1971

AUGUST

AREA 0002 DA MANG
15.0M 108.9C

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT SOS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	10.4	19.4	.5	.0	.0	.0	30.4	
1-2	2.7	34.0	18.4	.0	.0	.0	55.1	
3-4	2.4	2.3	7.8	2.0	.0	.0	12.1	
5-6	#	.5	.9	.4	.0	.0	1.8	
7	.0	.0	.4	.2	.0	.0	.5	
8-9	.0	.0	.0	.1	.0	.0	.1	
10-11	.0	.0	#	.0	.0	.0	#	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26+	.0	.0	.0	.0	.0	.0	.0	
33+	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-85	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	13.2	56.2	28.0	2.6	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
6	7.3	46.1	12.6	2.1	.4	.1	.1	#	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1922
6-7	.1	3.6	2.8	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	217
8-9	#	1.1	1.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	70
10-11	.0	.2	.1	#	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
IMDCT	13.0	3.2	2.5	.3	.1	#	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	529
TOTAL	562	1494	556	97	20	11	3	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2753
PCT	20.4	54.3	20.2	3.5	1.0	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0

SEPTEMBER

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1867-1971

AREA 0002 OA MANG
15.9M 100.9E

TABLE 1
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	SHUR	RAIN SHUR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPM AT 00 TIME	TOTAL PCPM 00S	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL 00S
					FRZG	SNOW	OTHER					FG	SMOG	DUST	W	
N	.4	.5		.1	.0	.0	.0	.0	.9		.6	.0	.1	.0	.0	9.7
NE	.7	.3		.1	.0	.0	.0	.0	1.0		.3	.0	.2	.0	.0	8.4
E	.2	.3		.0	.0	.0	.0	.0	.6		.5	.0	.1	.0	.0	7.4
SE	.4	.3		.1	.0	.0	.0	.0	.8		.7	.0	.0	.0	.0	10.2
S	.6	.4		.2	.0	.0	.0	.0	1.2		1.0	.0	.0	.0	.0	11.0
SW	1.2	.3		.2	.0	.0	.0	.0	1.7		.7	.0	.2	.0	.0	10.4
W	1.3	.6		.4	.0	.0	.0	.0	2.3		.9	.0	.2	.0	.0	11.5
NW	.8	.8		.1	.0	.0	.0	.0	1.6		.4	.0	.1	.0	.0	9.6
VAR	.0	.0		.0	.0	.0	.0	.0	.4		.5	.0	.0	.0	.0	4.0
TOT 00S	255	162		50	0	0	0	0	10.6	464	242	2	41	3	3652	4395
TOT PCT	5.0	3.7		1.3	.0	.0	.0	.0			5.5	.0	.9	.1	.1	83.1

TABLE 2
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	SHUR	RAIN SHUR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPM AT 00 TIME	TOTAL PCPM 00S	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL 00S
					FRZG	SNOW	OTHER					FG	SMOG	DUST	W	
00403	6.0	2.9		1.0	.0	.0	.0	.0	9.6		.5	.1	2.3	.0	.0	87.6
06409	4.0	3.9		.8	.0	.0	.0	.0	9.3		.5	.1	1.0	.1	.1	89.3
12415	5.5	3.3		1.5	.0	.0	.0	.0	10.2		11.5	.0	.3	.1	.1	78.2
18421	7.1	4.6		1.9	.0	.0	.0	.0	13.2	466	9.2	.0	.2	.1	.1	77.6
TOT	25.1	162		50	0	0	0	0	10.6		243	2	41	3	3657	4402
PCT	5.0	3.7		1.3	.0	.0	.0	.0			5.5	.0	.9	.1	.1	83.1

SEPTEMBER

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1867-1971

AREA 0002 DA NAMC
15.9M 109.9E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						16	21
	0-3	4-10	11-21	22-33	34-47	00	03	06	09	12					15							
N	1.1	5.4	3.0	.5	#	#	10.9	10.3	7.2	9.8	17.5	18.6	12.0	7.3	7.0	5.6						
NE	1.0	5.9	2.6	.2	#	#	9.8	9.1	6.0	6.7	13.8	16.1	14.3	6.4	7.2	4.0						
E	1.6	5.5	2.2	.2	#	#	8.8	8.9	4.0	3.6	9.5	11.3	15.1	9.3	7.1	6.2						
SE	1.6	7.0	2.9	.6	#	#	12.0	9.1	9.5	7.9	9.0	10.8	15.0	18.9	14.3	11.7						
S	1.6	8.0	4.0	1.2	.1	.0	14.9	10.0	15.3	13.1	9.4	12.1	13.2	19.3	21.2	17.0						
SW	1.4	7.3	3.5	.7	.2	.0	13.1	9.8	18.2	15.1	8.5	6.7	9.0	13.0	16.2	18.7						
W	1.5	7.5	3.0	.9	.1	.0	13.9	10.0	23.2	15.2	11.2	9.0	8.3	11.6	14.4	17.1						
NW	1.0	6.5	3.2	.6	.1	.0	11.4	10.0	11.9	17.5	16.0	9.4	10.2	8.1	7.9	10.5						
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
CALM	5.2						5.2		3.9	11.2	5.0	5.0	2.9	6.1	4.6	9.3						
TOT OBS	772	2689	1315	249	31	3	5059	9.2	873	312	905	401	922	314	911	421						
TOT PCT	15.3	53.2	26.0	4.9	.6	.1	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)										
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18	21			
N	3.3	6.1	1.4	.1		10.9	10.3		7.9	18.1	10.8	6.6							
NE	3.8	5.0	.9	.1		9.8	9.1		6.1	14.5	12.3	6.2							
E	3.3	4.9	.5	.1	.0	8.8	8.9		4.5	10.1	13.6	6.8							
SE	4.7	6.2	.9	.2		12.0	9.1		9.1	9.5	16.0	13.5							
S	5.5	7.3	1.8	.4	.0	14.9	10.0		14.7	10.3	14.7	19.9							
SW	4.8	6.7	1.2	.4		13.1	9.8		17.4	8.0	10.0	17.0							
W	5.4	6.2	1.9	.3		13.9	10.0		21.1	10.5	9.2	15.2							
NW	3.6	6.5	1.2	.2		11.4	10.0		13.4	14.0	9.7	8.7							
VAR	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0							
CALM	5.2					5.2	.0		5.8	5.0	3.7	6.1							
TOT OBS	1996	2470	493	90	10	5059			1185	1306	1236	1322							
TOT PCT	39.5	48.6	9.7	1.8	.2	100.0			100.0	100.0	100.0	100.0							

SEPTEMBER

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1967-1971

AREA 0002 DA NAMG
19.9N 108.8E

TABLE 4

WIND DIR	PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
	HOUR CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT	TOTAL
N	00403	5.8	12.0	54.2	23.0	4.6	.4	.0	8.6	100.0
NE	06409	5.0	9.0	51.8	28.0	5.6	.5	.2	9.6	100.0
E	12415	3.7	8.9	52.5	29.0	4.9	1.0	.1	9.8	100.0
SE	18421	6.1	10.7	54.1	23.9	4.7	.6	.0	8.8	100.0
S	TOT	261	511	2689	1315	249	31	3	9.2	100.0
SW	PCT	5.2	10.1	53.2	26.0	4.9	.6	.1	9.2	100.0

TABLE 5

WIND DIR	PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)									
	0-2	3-4	5-7	8 &	9-10	11-12	13-14	15-16	17-18	19-20
N	2.1	1.9	4.5	3.3	5.4	5.4	5.4	5.4	5.4	5.4
NE	1.8	2.1	3.7	2.5	5.2	5.2	5.2	5.2	5.2	5.2
E	1.6	1.6	3.6	1.8	5.1	5.1	5.1	5.1	5.1	5.1
SE	2.2	1.9	4.4	2.9	5.3	5.3	5.3	5.3	5.3	5.3
S	2.4	2.0	4.9	3.8	5.4	5.4	5.4	5.4	5.4	5.4
SW	2.2	1.8	4.4	4.4	5.6	5.6	5.6	5.6	5.6	5.6
M	2.0	2.0	5.3	5.9	5.9	5.9	5.9	5.9	5.9	5.9
W	1.3	1.6	4.4	4.5	5.9	5.9	5.9	5.9	5.9	5.9
VAR	.7	.8	1.9	1.6	5.7	5.7	5.7	5.7	5.7	5.7
CALM	651	623	1484	1233	3991	3991	3991	3991	3991	3991
TOT OBS	16.3	15.6	37.2	30.9	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 6

WIND DIR	PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH >4/8)									
	0-2	3-4	5-7	8 &	9-10	11-12	13-14	15-16	17-18	19-20
N	2.1	1.9	4.5	3.3	5.4	5.4	5.4	5.4	5.4	5.4
NE	1.8	2.1	3.7	2.5	5.2	5.2	5.2	5.2	5.2	5.2
E	1.6	1.6	3.6	1.8	5.1	5.1	5.1	5.1	5.1	5.1
SE	2.2	1.9	4.4	2.9	5.3	5.3	5.3	5.3	5.3	5.3
S	2.4	2.0	4.9	3.8	5.4	5.4	5.4	5.4	5.4	5.4
SW	2.2	1.8	4.4	4.4	5.6	5.6	5.6	5.6	5.6	5.6
M	2.0	2.0	5.3	5.9	5.9	5.9	5.9	5.9	5.9	5.9
W	1.3	1.6	4.4	4.5	5.9	5.9	5.9	5.9	5.9	5.9
VAR	.7	.8	1.9	1.6	5.7	5.7	5.7	5.7	5.7	5.7
CALM	651	623	1484	1233	3991	3991	3991	3991	3991	3991
TOT OBS	16.3	15.6	37.2	30.9	100.0	100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1967-1971

SEPTEMBER

AREA 0002 OR NAME
15.9M 108.9E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM > 4/8) AND VSOY (MM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	= OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	2.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0
= OR >5000	4.1	6.6	6.7	6.7	6.7	6.7	6.7	6.7
= OR >3500	5.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3
= OR >2000	13.8	19.7	20.1	20.2	20.2	20.2	20.2	20.2
= OR >1000	21.5	31.5	32.6	32.8	32.9	32.9	32.9	32.9
= OR >600	22.0	32.2	34.0	35.1	35.2	35.3	35.3	35.3
= OR >300	22.2	32.8	35.9	38.4	38.5	38.6	38.6	38.6
= OR >150	22.2	32.9	36.0	36.5	36.7	36.7	36.8	36.8
= OR >0	22.3	33.0	36.1	36.6	36.8	36.8	36.9	36.9
TOTAL	890	1358	1443	1461	1468	1470	1473	1473

TOTAL NUMBER OF OBS: 3994

PCT FREQ MM <5/8: 63.1

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	80SCD	TOTAL OBS
5.3	13.0	27.3	11.0	5.7	7.0	11.2	5.0	13.5	.2	4051

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1967-1971

SEPTEMBER

AREA 0002 DA MAMQ
15.9M 100.9E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	M	MC	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.1	0	0	0	0	0	.1	0	0	0	.3	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.1	0	0	0	0	0	.1	0	0	0	.3	
PCP	.0	0	0	0	0	0	.1	.1	0	0	.3	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	0	0	0	0	.1	.1	.1	.0	.0	.3	
PCP	0	0	0	0	0	.1	.2	.1	0	0	.5	
NO PCP	0	0	0	0	0	0	0	0	0	0	.1	
TOT %	0	.1	0	0	0	.1	.2	.1	0	0	.6	
PCP	.1	.3	.1	.1	.3	.3	.5	.2	0	.1	2.0	
NO PCP	.1	.1	.1	0	0	.0	.1	.1	0	0	.6	
TOT %	.3	.5	.2	.1	.3	.3	.6	.3	0	.1	2.6	
PCP	.6	.5	.2	.5	.7	.8	1.0	1.0	0	.2	5.6	
NO PCP	2.0	1.7	1.6	3.0	2.7	2.3	2.0	2.3	0	1.5	20.1	
TOT %	2.6	2.2	1.8	3.5	3.5	3.1	4.0	3.3	0	1.8	25.7	
PCP	.1	.1	.2	.2	.1	.4	.4	.3	0	0	1.9	
NO PCP	8.3	7.1	6.3	7.9	10.0	9.0	9.5	7.6	0	2.9	68.6	
TOT %	8.4	7.2	6.5	8.1	10.1	9.5	10.0	7.9	0	2.9	70.5	
TOT OBS	11.3	10.0	8.6	11.7	13.9	12.9	14.9	11.7	0	4.9	100.0	4395
TOT PCT												

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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSDB (MM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2 <1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1 <2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 <5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 <10	0-3	.2	.2	.3	.4	.4	.3	.3	.2	.0	1.7	4.0	.0
	4-10	1.2	1.2	1.1	2.0	1.6	1.6	2.0	1.5	.0	.0	12.2	.0
	11-21	.6	.5	.4	.7	.9	.7	1.1	1.2	.0	.0	6.3	.0
	22+	.2	.1	1	.2	.5	.3	.5	.2	.0	.0	2.1	.0
	TOT	2.5	2.1	1.8	3.4	3.3	2.9	3.8	3.1	.0	1.7	24.6	.0
10+	0-3	.8	.7	.5	1.2	1.1	1.0	1.2	.7	.0	3.2	10.5	.0
	4-10	4.2	4.6	4.3	4.8	6.2	5.5	5.8	4.9	.0	.0	40.3	.0
	11-21	3.0	1.7	1.7	2.0	3.1	2.7	2.4	1.9	.0	.0	18.5	.0
	22+	.3	.1	.1	.4	.6	.2	.3	.3	.0	.0	2.2	.0
	TOT	8.2	7.1	6.6	8.4	10.5	9.4	9.8	7.9	.0	3.2	71.5	.0
TOT OBS													4602
TOT PCT													100.0

PERIOD: (PRIMARY) 1954-1971
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AREA 0002 DA NANG
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TABLE 10
PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MH >4/8) AND
OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	TOTAL	MH <5/8 ANY HGT	TOTAL
0000	.2	.1	1.8	2.9	11.2	11.7	1.5	3.2	2.8	2.0	37.3	62.7
0600	.0	.2	1.6	2.0	10.2	12.1	1.3	2.5	3.2	1.2	34.3	65.7
1200	.0	.0	1.0	2.2	13.5	11.0	1.7	2.6	1.9	1.3	35.3	64.7
1800	.3	.2	1.0	2.3	15.3	12.4	1.9	2.6	1.5	1.8	33.3	60.7
TOT	5	5	54	95	506	475	65	110	95	63	1473	2556
PCT	.1	.1	1.3	2.4	12.6	11.8	1.6	2.7	2.4	1.6	36.6	63.4

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL 805
0000	1	.1	.5	3.4	25.3	70.6	1004
0600	4	.4	.6	1.9	24.1	72.6	980
1200	.2	.4	.6	2.6	26.9	69.3	1029
1800	.2	1	.6	2.7	29.4	67.0	990
TOT	9	10	23	107	1058	2796	4003
PCT	.2	.2	.6	2.7	26.4	69.8	100.0

TABLE 12

CUMULATIVE PCT REQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET-MH >4/8) BY HOUR

HOUR (GMT)	<150 <50%0	<600 <1	<1000 <5	<1000+ AND 5+	MH <5/8 AND 5+	TOTAL 805
0000	.4	2.4	7.1	31.7	61.3	1004
0600	.0	2.2	5.7	29.5	64.8	980
1200	.3	1.7	5.7	30.5	63.8	1029
1800	.7	2.0	6.5	34.2	59.3	990
TOT	14	89	250	1260	2493	4003
PCT	.3	2.1	6.2	31.5	62.3	100.0

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PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1867-1971

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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL 885
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100			
95-99	.0	.0	.0	.0	.0	.2	.1	.0			13
90-94	.0	.0	.0	.4	2.1	1.1	.2	.0			160
85-89	.0	.0	.0	.9	4.8	13.4	5.0	.6			986
80-84	.0	.0	.0	.5	2.2	14.7	34.2	7.3			2358
75-79	.0	.0	.0	.0	.1	.8	4.3	6.8			477
70-74	.0	.0	.0	.0	.0	.0	.0	.2			7
TOTAL	.0	1	2	72	375	1207	1747	597			4001
PCT	.0	.0	.0	1.6	9.4	30.2	43.7	14.9			

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	WJ	VAC	CALM	
.6	.7	.4	.4	.0	.0	.1	.1	.0	.0	
3.7	2.9	2.3	3.6	.3	.4	.4	.4	.0	.3	
6.4	5.3	4.9	6.7	8.3	8.0	9.8	6.7	.0	1.4	
1.0	1.0	.8	.5	1.3	2.1	3.0	1.7	.0	2.7	
.0	.0	.0	.0	.0	.0	.1	.0	.0	.5	
11.8	10.0	8.4	11.3	13.1	13.1	15.5	11.8	.0	5.0	

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL	
0003	96	91	87	83	78	75	74	82.6	1184	885
0609	97	94	91	85	79	76	74	85.2	1208	990
1215	93	88	86	83	78	76	74	82.7	1234	977
1821	87	86	85	82	78	75	73	81.6	1327	1027
TOT	97	92	89	83	78	76	73	83.0	5043	4008

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL		
0003	.0	1.6	8.2	28.9	46.9	14.4	81	885		
0609	.0	3.9	21.8	46.0	22.3	6.0	75	990		
1215	.0	1.6	5.2	26.5	51.0	15.8	82	1027		
1821	.0	.5	2.8	20.1	53.6	23.1	84	1014		
TOT	0	75	375	1211	1749	598	81	4008		

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1867-1971

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	93	TOT	M F80	W8 F80
11/13	.0	.0	.0	.0	.2	.2	16	.0	.4
9/10	.0	.0	.0	.0	.8	.3	53	.0	1.2
7/8	.0	.0	.1	.9	.9	.3	97	.0	2.3
6	.0	.0	.0	.0	.7	.0	67	.0	1.6
5	.0	.0	.4	1.6	.8	.1	122	.0	2.9
4	.0	.0	1.3	1.5	.5	.0	139	.0	3.3
3	.0	.0	1.0	1.7	.5	.0	175	.0	4.1
2	.0	.2	3.9	2.4	.4	.0	287	.0	6.4
1	.0	.2	3.5	3.3	.2	.0	308	.0	7.3
0	.0	1.4	7.7	2.8	.0	.0	506	.0	12.0
-1	.0	1.0	6.8	2.9	.0	.0	453	.0	10.7
-2	.0	1.9	8.7	1.6	.0	.0	515	.0	12.2
-3	.0	2.2	6.6	1.2	.0	.0	425	.0	10.0
-4	.2	2.8	4.9	.5	.0	.0	357	.0	8.4
-5	.0	2.5	2.8	.4	.0	.0	245	.0	5.8
-6	.4	3.1	1.5	.1	.0	.0	214	.0	5.0
-7/-8	.4	2.3	1.3	.0	.0	.0	172	.0	4.0
-9/-10	.3	.9	.2	.0	.0	.0	64	.0	1.3
-11/-13	.2	.2	.0	.0	.0	.0	16	.0	.4
TOTAL							4231		
PCT	1.7	18.9	51.5	21.6	5.2	1.0	100.0		99.9

PERIOD: (OVER-ALL) 1963-1971

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AREA 0002 OR NAME
15.9M 100.9E

TABLE 18
PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
61	.7	2.5	.1	.0	.0	.0	3.3	.5	2.2	.0	.0	.0	.0	2.7
1-2	.4	3.3	3.1	.0	.0	.0	6.8	.4	3.5	1.0	.0	.0	.0	4.9
3-4	.0	.4	1.1	.3	.0	.0	1.7	.0	.2	1.1	.1	.0	.0	1.5
5-6	.0	.0	.2	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.3
7	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.0	6.2	4.6	.4	.0	0	12.2	.9	6.0	2.5	.3	.0	.0	9.7

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
61	.4	2.2	.0	.0	.0	.0	2.6	.9	3.3	.0	.0	.0	.0	4.2
1-2	.1	2.8	1.6	.0	.0	.0	4.5	.5	2.8	1.5	.0	.0	.0	4.9
3-4	.0	.5	.3	.1	.0	.0	.9	.1	.5	.4	.3	.0	.0	1.4
5-6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.2	.0	.0	.3
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	6	5.4	2.0	.1	0	.0	8.0	1.6	6.6	2.2	.6	.1	.0	11.1

PERIOD: (OVER-ALL) : 1963-1971

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TABLE 18

AREA 0002, DA NAME
15.9M 108.9E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.2	6.9	3.4	1.3	.0	.0	12.9	1.1	6.8	3.6	.0	.2	.0	12.5

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.4	3.2	4.4	1.3	.1	.0	16.5	1.0	7.5	3.5	.5	.0	.0	12.5

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PERIOD: (OVER-ALL) 1963-1971

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TOT 005
	0-3	4-10	11-21	22-33	34-47	48+	48+	48+	48+	48+		
1	11.7	23.5	.4	.0	.0	.0	.0	.0	.0	.0	35.6	
1-2	2.8	27.0	15.6	.0	.0	.0	.0	.0	.0	.0	45.6	
3-4	.2	2.9	7.2	2.8	.0	.0	.0	.0	.0	.0	13.1	
5-6	.0	.2	1.7	.7	.1	.0	.0	.0	.0	.0	2.7	
7	.0	.1	.5	.8	.0	.0	.0	.0	.0	.0	1.5	
8-9	.0	.0	.2	.3	.2	.0	.0	.0	.0	.0	.7	
10-11	.0	.0	.1	.4	.1	.0	.0	.0	.0	.0	.6	
12	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	14.7	53.8	25.8	5.3	.4	.0	.0	.0	.0	.0	100.0	2893

PERIOD (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)															
	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41		
1-2	7.4	35.9	13.2	1.9	.2	.2	.1	.4	.0	.0	.0	.0	.0	.0		
3-4	.2	3.4	2.3	1.8	.3	.5	.5	.4	.0	.0	.0	.0	.0	.0		
5-6	.0	.7	1.2	.9	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0		
7	.0	.6	.6	.6	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0		
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
INDCT	11.5	5.3	1.9	.6	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0		
TOTAL	619	487	702	202	130	37	10	15	.0	.0	.0	.0	.0	.0		
PCT	19.1	45.9	21.7	6.2	4.0	1.1	1.2	.3	.0	.0	.0	.0	.0	.0		

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PERIOD: (PRIMARY) 1951-1971
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TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	OTHER WEATHER PHENOMENA					TOTAL 00S
				FRZG PCPN	SNOW PCPN	OTHER PCPN				THOR LTNG	FOG M0	SMOKE M0	DUST SIG	BLWG SNOW WEA	
M	1.7	.6	.3	.0	.0	.0	.0	2.5			.0	.3	.0	13.0	
MC	1.4	1.1	.3	.0	.0	.0	.0	2.7		.2	.4	.4	.0	22.0	
C	.9	1.1	.3	.0	.0	.0	.0	2.3		.3	.3	.3	.0	17.1	
SE	.3	.4	.0	.0	.0	.0	.0	.8		.0	.1	.1	.0	7.5	
S	.3	.2	.0	.0	.0	.0	.0	.5		.1	.1	.1	.0	3.0	
SW	.3	.2	.0	.0	.0	.0	.0	.5		.1	.1	.1	.0	3.2	
W	.6	.4	.1	.0	.0	.0	.0	1.2		.1	.2	.2	.0	5.4	
WU	.6	.4	.2	.0	.0	.0	.0	1.5		.1	.2	.2	.0	6.6	
VAR	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	
CALC	.1	216	62	.0	.0	.0	.0	.1		.1	.1	.1	.0	2.5	
TOT 00S	310	216	62	.0	.0	.0	.0	580		61	7	68	2	4053	4789
TOT PCT	6.5	4.5	1.3	.0	.0	.0	.0	12.1		1.3	.1	1.9	.2	84.6	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	OTHER WEATHER PHENOMENA					TOTAL 00S
				FRZG PCPN	SNOW PCPN	OTHER PCPN				THOR LTNG	FOG M0	SMOKE M0	DUST SIG	BLWG SNOW WEA	
0000	7.1	4.7	1.0	.0	.0	.0	.0	13.4		.2	.2	1.6	.0	84.0	
0600	6.9	4.4	1.0	.0	.0	.0	.0	12.2		.1	.1	3.0	.0	84.6	
1200	5.9	3.7	1.1	.0	.0	.0	.0	10.6		2.0	.0	1.6	.0	85.0	
1800	5.9	3.2	1.2	.0	.0	.0	.0	12.2		2.0	.3	1.2	.2	84.3	
TOT	310	216	62	.0	.0	.0	.0	580		61	7	68	2	4069	4805
PCT	6.5	4.5	1.3	.0	.0	.0	.0	12.1		1.3	.1	1.9	.2	84.7	

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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	09	12	15
N	.7	6.1	7.6	2.2	.1	.0	16.8	13.7	15.2	15.8	15.8	20.4	19.2	15.2	14.1
NE	.8	9.6	13.3	3.3	.3	.0	27.3	13.8	24.0	25.2	26.9	33.7	29.6	24.8	27.9
E	.9	8.9	8.8	1.5	.0	.0	20.1	12.0	17.2	15.5	18.6	21.5	23.6	24.5	21.1
SE	.0	4.2	3.6	.2	.0	.0	8.7	10.7	7.8	10.5	8.2	6.1	9.6	11.6	8.7
S	.5	2.5	1.1	.2	.0	.0	4.3	9.5	5.5	4.3	3.8	3.2	2.7	4.7	5.4
SW	.6	2.3	.7	.1	.0	.0	7.7	8.0	6.0	6.8	2.6	1.7	1.9	2.6	3.5
W	.6	3.4	2.0	1.2	.0	.0	6.2	9.8	8.9	8.5	4.7	2.0	2.9	6.5	7.7
NW	.6	3.4	4.2	1.1	.1	.0	10.1	13.0	12.9	10.1	12.4	10.0	7.6	7.7	8.1
VAR	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	2.8	2242	2259	496	37	1	5472	12.0	2.6	3.3	2.9	1.7	2.8	2.4	3.5
TOT OBS	437	2242	2259	496	37	1	5472	12.0	965	337	994	404	990	332	1004
TOT PCT	9.0	41.0	41.3	9.1	.7	.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 5a

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	HOUR (GMT)				
	0-5	7-16	17-27	28-40	06							09	12	15	18	21
N	2.6	8.4	4.9	.6	.1	16.8	13.7	15.3	20.0	18.2	13.7	13.7	13.7	13.7	13.7	
NE	3.9	14.5	7.8	1.0	.1	27.3	13.8	24.3	28.9	28.4	27.5	27.5	27.5	27.5	27.5	
E	3.9	11.9	4.1	.3	.0	20.1	12.0	16.8	19.5	23.8	20.4	20.4	20.4	20.4	20.4	
SE	2.3	5.1	1.3	.0	.0	8.7	10.7	8.5	7.6	10.1	8.6	8.6	8.6	8.6	8.6	
S	1.7	2.1	.4	.2	.0	4.3	9.5	5.2	3.6	3.2	5.2	5.2	5.2	5.2	5.2	
SW	1.9	1.5	.2	.1	.0	3.7	8.0	6.2	2.3	2.1	4.1	4.1	4.1	4.1	4.1	
W	2.1	3.3	.7	.1	.0	6.2	9.8	8.8	3.9	3.8	8.3	8.3	8.3	8.3	8.3	
NW	2.1	5.1	2.4	.4	.0	10.1	13.0	12.2	11.7	7.6	8.8	8.8	8.8	8.8	8.8	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	2.8	2840	1197	148	9	5472	12.0	2.8	2.6	2.7	3.2	3.2	3.2	3.2	3.2	
TOT OBS	1278	2840	1197	148	9	5472	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
TOT PCT	23.4	51.9	21.9	2.7	.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)												
HOUR	CHLM	1-3			4-10			WIND SPEED (KNOTS)			PCT FREQ	TOTAL OBS
		1-3	4-10	11-21	22-33	34-47	48+	MEAN				
0000	2.8	7.1	41.5	39.0	9.1	.5	.0	11.8	100.0			
0600	2.6	5.2	40.3	42.4	8.9	.6	.1	12.1	100.0			
1200	2.7	3.7	39.4	43.6	9.3	.6	.0	12.4	100.0			
1800	3.2	4.8	42.6	40.1	8.4	1.0	.0	11.9	100.0			
TOT	154	283	2242	2259	496	37	1	12.0				
PCT	2.8	5.2	41.0	41.3	9.1	.7	.1		100.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION								
WIND DIR	0-2	3-4	5-7	8-4	TOTAL OBS	MEAN CLOUD COVER		
N	1.9	2.2	5.6	6.4		6.0		
NE	4.1	4.1	8.8	8.2		5.5		
E	4.7	3.6	7.6	4.7		5.0		
SE	2.7	1.5	3.2	1.6		4.6		
S	1.0	.8	1.7	1.0		5.0		
SW	1.0	.4	1.6	1.1		5.2		
W	1.1	.7	2.6	2.7		5.8		
NW	1.1	.9	4.2	4.3		6.2		
VAR	.0	.0	.0	.0		.0		
CALM	.0	.6	1.1	.6		4.7		
TOT OBS	767	623	1528	1292		4210		
TOT PCT	18.2	14.8	36.3	30.7		100.0		

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH. 3/4)8) AND OCCURRENCE OF MH. 45/8 BY WIND DIRECTION														
	300	600	999	1000	2000	3500	5000	6500	8000+	MH. 45/8	TOTAL			
	599	999	1999	3999	5999	7999	9999	11999	13999	15999	OBS			
N	.4	.8	.3	.4	3.0	.5	.1	.1	.1	.1	7.7			
NE	.3	.9	5.0	4.7	.4	.1	.1	.1	.1	.1	12.7			
E	.1	.2	1.6	1.0	.1	.1	.1	.1	.1	.1	12.4			
SE	.1	.1	1.0	.6	.1	.1	.1	.1	.1	.1	5.9			
S	.1	.1	1.7	.6	.0	.1	.1	.1	.1	.1	2.6			
SW	.1	.4	1.5	1.2	.1	.1	.1	.1	.1	.1	2.4			
W	.3	.5	2.3	2.4	.2	.2	.2	.2	.2	.2	3.6			
NW	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	2.3			
VAR	.0	.0	.4	.2	.0	.0	.0	.0	.0	.0	2.3			
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3			
TOT OBS	172	152	866	703	62	30	24	28	263	4210				
TOT PCT	1.7	3.6	20.6	16.7	1.5	.7	.6	.7	53.8	100.0				

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MH > 478) AND VSDY (MH)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	VSDY (MH) = OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2
= OR >5000	1.4	1.9	1.9	1.9	1.9	1.9	1.9	1.9
= OR >3500	2.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4
= OR >2000	13.1	19.5	19.9	20.1	20.1	20.1	20.1	20.1
= OR >1000	24.4	38.6	40.1	40.5	40.6	40.7	40.7	40.7
= OR >600	25.5	41.2	43.2	43.9	44.2	44.2	44.2	44.2
= OR >300	25.7	42.2	44.6	45.5	45.8	45.9	45.9	45.9
= OR >150	25.7	42.3	44.6	45.6	45.9	46.0	46.0	46.0
= OR >0	25.8	42.4	44.8	45.7	46.0	46.1	46.2	46.2
TOTAL	1090	1789	1890	1930	1943	1947	1948	1949

TOTAL NUMBER OF OBS: 4221

PCT FREQ MH (5/8): 53.8

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	9	TOTAL OBS
2.7	9.2	22.5	11.0	8.5	9.1	13.7	5.2	17.8	.3	4299

PERIOD: (PRIMARY) 1951-1971
(OVER-ALL) 1860-1971

OCTOBER

AREA 0002 DA MANG
15.8M 100.9E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	M	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	#	#	#	#	#	#	#	#	#	#	#	#
<1/2	NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT #	#	#	#	#	#	#	#	#	#	#	#	#
1/2<1	PCP	.1	.1	.1	.0	#	#	.1	.0	.0	.5	.5
TOT #	#	.1	.1	.0	.0	#	#	.1	.0	.0	.5	.5
1<2	PCP	.3	.2	.1	.1	#	#	.1	.0	.0	.9	.9
TOT #	#	.3	.2	.1	.1	#	#	.1	.0	.0	.9	.9
2<5	PCP	.5	.5	.4	.1	#	.1	.2	.0	.0	2.1	2.1
TOT #	#	.5	.5	.4	.1	#	.1	.2	.0	.0	2.1	2.1
5<10	PCP	1.4	1.4	1.3	.4	.3	.6	.7	.0	.1	6.5	6.5
TOT #	#	1.4	1.4	1.3	.4	.3	.6	.7	.0	.1	6.5	6.5
10+	PCP	.2	.4	.5	.2	.1	.3	.2	.0	#	1.9	1.9
TOT #	#	.2	.4	.5	.2	.1	.3	.2	.0	#	1.9	1.9
TOT OBS		16.6	26.2	20.1	8.7	4.5	3.9	6.8	10.4	.0	2.8	100.0
TOT PCT		16.6	26.2	20.1	8.7	4.5	3.9	6.8	10.4	.0	2.8	100.0

OCTOBER

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10+	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS		16.6	26.9	20.3	8.7	4.3	3.7	6.5	10.1	.0	2.0	100.0	5119

OCTOBER

PERIOD: (PRIMARY) 1951-1971
(OVER-ALL) 1950-1971

AREA 0002 DA MANG
15.0N 108.9E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET.MH 3/4/8) AND
OCCURRENCE OF MH (5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL ANY MGT	MH (5/8 AND 5+ HRS	TOTAL HRS
00&03	2	.2	2.2	3.3	24.0	16.4	2.0	.7	.4	.8	50.2	49.8	1068
06&09	.1	.2	2.2	3.8	20.5	16.3	1.2	.7	.4	.8	46.2	53.8	1053
12&15	.1	.0	1.2	3.7	19.0	16.5	1.0	.7	.8	.6	43.6	56.4	1080
18&21	.2	.0	1.1	3.5	17.9	16.8	1.7	.7	.7	.5	43.0	57.0	1064
TOT	6	4	72	152	867	704	63	30	24	28	1950	2315	4265
PCT	.1	.1	1.7	3.6	20.3	16.5	1.5	.7	.6	.7	45.7	54.3	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL HRS
00&03	2	.5	1.4	3.4	23.1	71.4	1060
06&09	.2	.9	1.1	3.5	22.4	72.1	1042
12&15	.2	.5	6	2.0	26.2	70.5	1075
18&21	.4	2	.9	1.9	27.5	69.1	1059
TOT	10	21	42	114	1051	2998	4236
PCT	.2	.5	1.0	2.7	24.8	70.8	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING MGT (FEET.MH 3/4/8) BY HOUR

HOUR (GMT)	<150 <5070	<150 600	<1000 1000+	1000+ AND 5+	MH (5/8 AND 5+ HRS	TOTAL HRS
00&03	.4	3.2	9.5	41.6	48.8	1060
06&09	.3	3.4	9.0	38.4	52.6	1042
12&15	.7	1.9	7.1	37.4	55.5	1075
18&21	.8	2.0	7.2	36.5	56.3	1059
TOT	22	110	347	1630	2259	4236
PCT	.5	2.6	8.2	36.5	53.3	100.0

OCTOBER

PERIOD: (PRIMARY) 1951-1971
(OVER-ALL) 1860-1971

AREA 0002 DA MANG
15.0M 108.9E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	FCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	#			
90-94	0	0	0	1	3	3	3	0	0	32	7	
85-89	0	0	0	2	1.5	4.1	1.5	.3		324	7.5	
80-84	0	0	0	1	3.9	16.9	24.4	7.7		2272	52.9	
75-79	0	0	0	.2	2.2	7.3	13.2	12.6		1525	35.5	
70-74	0	0	0	0	0	.2	1	1.9		137	3.2	
65-69	0	0	0	0	0	0	0	.1		3	.1	
TOTAL	0	0	0	26	340	1235	1726	966		4293	100.0	
PCT	0	0	0	.6	7.9	28.8	40.2	22.5				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
N	NE	E	SE	S	SW	W	NW	VAR	CALM
1	2	.1	.1	.1	#	.1	1	0	#
1.0	1.6	2.0	1.3	.4	.3	1	.5	.0	1.4
7.6	15.1	12.7	5.7	2.5	1.6	2.3	4.0	.0	1.5
6.7	8.3	5.6	1.8	1.4	1.9	3.6	5.2	.0	1.0
.7	.2	.1	#	.1	.2	1.0	.9	.0	.1
0	.0	.0	.0	.0	.0	.1	#	.0	.0
16.1	25.4	20.5	8.9	4.4	4.0	7.1	10.5	.0	3.1

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR									
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00403	93	86	84	80	75	73	69	80.0	385
06409	94	91	88	82	76	73	67	82.0	1297
12415	89	86	84	80	75	73	68	80.2	1389
18421	90	84	83	79	75	72	70	79.2	1315
TOT	94	88	85	80	75	73	67	80.4	5447

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR								
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00403	0	.5	6.8	28.6	40.0	24.2	83	1046
06409	0	1.2	16.4	38.8	28.8	14.8	79	1055
12415	0	.5	5.2	27.2	44.8	22.3	83	1105
18421	0	.3	3.5	21.3	46.6	28.2	85	1102
TOT	0	26	341	1244	1731	966	82	4308

PERIOD: (PRIMARY) 1951-1971
(OVER-ALL) 1860-1971

OCTOBER

AREA 0002 DA NANG
15.8M 100.9C

TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	65	69	73	77	81	85	89	93	TOT	M	W	MO
	68	72	76	80	84	88	92	96	FOG	FOG	FOG	FOG
14/16	-0	-0	-0	-0	-0	-0	-0	-0	1	-0	-0	-0
11/13	-0	-0	-0	-0	-0	-0	-0	-0	15	-0	-0	-0
9/10	-0	-0	-0	-0	-0	-0	-0	-0	29	-0	-0	-0
7/8	-0	-0	-0	-0	-0	-0	-0	-0	75	-0	-0	-0
6	-0	-0	-0	-0	-0	-0	-0	-0	45	-0	-0	-0
5	-0	-0	-0	-0	-0	-0	-0	-0	82	-0	-0	-0
4	-0	-0	-0	-0	-0	-0	-0	-0	115	-0	-0	-0
3	-0	-0	-0	-0	-0	-0	-0	-0	135	-0	-0	-0
2	-0	-0	-0	-0	-0	-0	-0	-0	273	-0	-0	-0
1	-0	-0	-0	-0	-0	-0	-0	-0	292	-0	-0	-0
0	-0	-0	-0	-0	-0	-0	-0	-0	572	-0	-0	-0
-1	-0	-0	-0	-0	-0	-0	-0	-0	445	-0	-0	-0
-2	-0	-0	-0	-0	-0	-0	-0	-0	569	-0	-0	-0
-3	-0	-0	-0	-0	-0	-0	-0	-0	495	-0	-0	-0
-4	-0	-0	-0	-0	-0	-0	-0	-0	482	-0	-0	-0
-5	-0	-0	-0	-0	-0	-0	-0	-0	357	-0	-0	-0
-6	-0	-0	-0	-0	-0	-0	-0	-0	204	-0	-0	-0
-7/-8	-0	-0	-0	-0	-0	-0	-0	-0	213	-0	-0	-0
-9/-10	-0	-0	-0	-0	-0	-0	-0	-0	92	-0	-0	-0
-11/-13	-0	-0	-0	-0	-0	-0	-0	-0	42	-0	-0	-0
-14/-16	-0	-0	-0	-0	-0	-0	-0	-0	11	-0	-0	-0
-17/-19	-0	-0	-0	-0	-0	-0	-0	-0	4	-0	-0	-0
TOTAL									4546	.2	.2	99.8
PCT									100.0			

TABLE 18 PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT (1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+)	M										NC										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.6	1.4	.0	.0	.0	.0	1.9	.3	1.5	.0	.0	.0	.0	1.8	.3	1.5	.0	.0	.0	.0	1.8
4-10	.2	3.2	2.7	.0	.0	.0	6.0	.2	5.4	3.7	.0	.0	.0	9.4	.2	5.4	3.7	.0	.0	.0	9.4
11-21	.0	1.0	3.7	.9	.0	.0	5.6	.0	1.4	5.6	1.1	.0	.0	8.2	.0	1.4	5.6	1.1	.0	.0	8.2
22-33	.0	.2	.9	.4	.0	.0	1.5	.0	.3	1.7	.7	.0	.0	2.7	.0	.3	1.7	.7	.0	.0	2.7
34-47	.0	.1	.5	.7	.0	.0	1.3	.0	.0	1.0	.9	.1	.0	2.0	.0	.0	1.0	.9	.1	.0	2.0
48+	.0	.0	.2	.4	.0	.0	.5	.0	.0	.2	.2	.1	.0	.7	.0	.0	.2	.2	.1	.0	.7
PCT	.0	.2	.1	.1	.0	.0	.2	.0	.0	.2	.2	.1	.0	.4	.0	.0	.2	.2	.1	.0	.4
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	5.8	8.0	2.6	.0	.0	17.1	.5	8.6	12.6	3.3	.3	.0	25.3	.5	8.6	12.6	3.3	.3	.0	25.3

HGT (1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+)	C										SE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.6	1.4	.0	.0	.0	.0	1.6	.4	.9	.0	.0	.0	.0	1.3	.4	.9	.0	.0	.0	.0	1.3
4-10	.2	5.2	4.9	.0	.0	.0	10.3	.1	2.4	2.5	.0	.0	.0	5.1	.1	2.4	2.5	.0	.0	.0	5.1
11-21	.0	1.4	3.5	.9	.0	.0	5.7	.0	.0	1.0	.3	.0	.0	1.7	.0	.0	1.0	.3	.0	.0	1.7
22-33	.0	.1	.7	.3	.0	.0	1.2	.0	.0	.3	.1	.0	.0	.3	.0	.0	.3	.1	.0	.0	.3
34-47	.0	.0	.6	.2	.0	.0	1.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1
48+	.0	.0	.1	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.4	8.2	9.8	1.7	.0	.0	20.2	.5	3.8	3.9	.3	.0	.0	8.5	.5	3.8	3.9	.3	.0	.0	8.5

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.1	.7	.0	.0	.0	.0	.8	.4	1.1	.0	.0	.0	.0	1.5
1-2	.1	1.6	.6	.0	.0	.0	2.3	.1	1.3	.3	.0	.0	.0	1.7
3-4	.1	.1	.3	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.4
5-6	.0	.0	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	2	2.4	1.1	.1	.0	.0	3.8	.5	2.4	.7	.1	.0	.0	3.8

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.4	2.0	.0	.0	.0	.0	2.4	.4	1.3	.0	.0	.0	.0	1.7
1-2	.2	2	1.4	.0	.0	.0	3.8	.2	2.4	2.0	.0	.0	.0	4.7
3-4	.0	.0	.7	.1	.0	.0	1.1	.0	.7	1.6	.5	.0	.0	3.0
5-6	.0	.0	.1	.1	.0	.0	.2	.0	.1	.6	.4	.0	.0	1.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.4
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.4
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	6	4.4	2.3	.2	.0	.0	7.5	.6	4.6	4.8	1.4	.2	.0	11.6

PERIOD (OVER-ALL) 1963-1971

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TABLE 18 (CONT)

WGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TBT 885
	0-3	4-10	11-21	22-33	34-47	48+						
<1	5.5	10.3	1	0	0	0	15.9					
1-2	1.5	23.6	18.0	0	0	0	43.1					
3-4	1	5.1	16.8	3.9	0	0	25.9					
5-6	0	1	4.5	1.9	1	0	7.1					
7	0	1	2.3	2.1	2	0	4.7					
8-9	0	1	1.8	1.0	1	0	1.9					
10-11	0	0	1.4	.6	.2	0	1.1					
12-16	0	0	1	.1	.1	0	1.2					
17-19	0	0	0	0	0	0	0					
20-22	0	0	0	0	0	0	0					
23-25	0	0	0	0	0	0	0					
26-32	0	0	0	0	0	0	0					
33-40	0	0	0	0	0	0	0					
41-48	0	0	0	0	0	0	0					
49-60	0	0	0	0	0	0	0					
61-70	0	0	0	0	0	0	0					
71-86	0	0	0	0	0	0	0					
87+	0	0	0	0	0	0	0					
TBT PCT	7.2	39.9	42.9	9.5	.5	0	100.0					3031

PERIOD (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
46	2	21	5	19	1	5	0	3	2	1	3	7	1	1	1	1	1	1	1	1	1853
6-7	0	3	5	6	5	3	4	3	7	1	5	1	1	1	1	1	1	1	1	1	704
8-9	0	1	2	2	1	1	4	1	3	1	4	1	1	1	1	1	1	1	1	1	328
10-11	0	0	1	3	1	6	0	1	5	1	1	1	1	1	1	1	1	1	1	1	113
12-13	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	14
>13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
INDEX	2	9	3	9	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	475
TOTAL	179	1056	1126	399	366	170	129	34	25	3	4	1	1	1	1	1	1	1	1	1	3492
PCT	5	30	2	32	2	11	4	10	5	4	9	3	7	1	0	0	0	0	0	0	100.0

PERIOD: (PRIMARY) 1953-1971
 (OVER-ALL) 1856-1971

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AREA 0002 DA MANG 15.9N 109.1E

TABLE 1
 PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL 00S
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE M0	DUST PCPN	HAZE PCPN	BLWG PCPN	
N	1.1	.4	.5	.0	.0	.0	.0	.0	1.9			.1					14.9
NE	1.0	1.1	.8	.0	.0	.0	.0	.0	2.9		.1	.1	.4				36.7
E	.4	.6	.2	.0	.0	.0	.0	.0	1.2								22.7
SE	.1	.2	.2	.0	.0	.0	.0	.0	.1								4.0
S	.1	.1	.1	.0	.0	.0	.0	.0	.1								1.3
SW	.1	.1	.0	.0	.0	.0	.0	.0	.1								1.4
W	.1	.1	.2	.0	.0	.0	.0	.0	.5								2.7
NW	.5	.1	.3	.0	.0	.0	.0	.0	.9								5.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0								.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0								.0
TOT 00S	154	132	104	.0	.0	.0	.0	.0		386		7	11	32			1.5
TOT PCT	3.2	2.7	2.1	.0	.0	.0	.0	.0	7.9		.1	.2	.7				4873

TABLE 2
 PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL 00S
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE M0	DUST PCPN	HAZE PCPN	BLWG PCPN	
00003	3.3	3.3	2.1	.0	.0	.0	.0	.0	8.6			.3					90.2
00009	3.3	2.6	.9	.0	.0	.0	.0	.0	6.7			.3	1.0				91.9
10015	3.4	2.0	2.3	.0	.0	.0	.0	.0	7.7		.2						91.4
10021	2.9	3.1	3.2	.0	.0	.0	.0	.0	9.0	392	.5	.2	.5				90.3
TOT	157	133	106	.0	.0	.0	.0	.0			.7	11	32				4881
PCT	3.2	2.7	2.2	.0	.0	.0	.0	.0	8.0		.1	.2	.7				90.9

PERIOD: (PRIMARY) 1953-1971
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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18	21	
M	.4	5.0	8.4	3.2	.1	.0	17.1	15.1		15.2	14.3	20.4	15.5	19.6	14.0	16.8	14.2	
NE	.5	11.0	22.8	6.6	.2	.0	41.1	15.0		37.8	37.6	39.8	50.3	41.7	43.0	40.7	42.9	
E	.5	7.6	13.9	1.5	.1	.0	23.6	13.3		23.0	26.9	20.9	19.5	24.3	26.0	24.8	26.0	
SE	.3	2.5	2.0	.2	.0	.0	5.1	10.7		5.6	5.9	4.5	5.1	4.5	7.8	5.1	4.3	
S	.2	1.0	.2	.1	.0	.0	1.5	8.1		1.7	1.2	2.1	1.4	1.2	.8	1.3	1.4	
SW	.2	1.9	.2	.1	.0	.0	1.3	7.4		2.8	1.3	1.0	.6	.8	.4	1.4	1.6	
W	.4	1.6	.8	.1	.0	.0	2.3	9.1		5.6	5.2	2.6	.9	.9	2.0	2.6	3.6	
NW	.3	2.0	2.7	.9	.1	.0	6.0	14.0		7.3	4.8	6.9	5.0	6.1	3.6	6.0	5.1	
VAR	.0	.0	.0	.0	.0	.0	1.4	.0		1.0	.0	.0	.0	.0	.0	.0	.0	
CALM	1.4	1777	2869	705	29	2	5619	100.0	13.7	981	334	994	434	1025	340	1056	455	
TOT OBS	237	1777	2869	705	29	2	5619	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
TOT PCT	4.2	31.6	51.1	12.5	.5	.0	100.0											

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18	21
N	1.7	8.6	6.0	.8	=		17.1	15.1	15.0	18.8	18.2	16.0				
NE	3.3	21.8	14.3	1.7	=		41.1	15.0	37.8	43.0	42.1	41.3				
E	2.4	14.9	6.1	.2	.0		23.6	13.3	24.0	20.5	24.7	25.1				
SE	1.3	3.1	.6	.1	.0		5.1	10.7	5.7	4.7	5.3	4.9				
S	.7	.6	.2	.0	.0		1.5	8.1	1.5	1.9	1.1	1.3				
SW	.6	.7	.2	.0	.0		1.3	7.4	2.4	.9	.7	1.5				
W	1.2	1.5	.2	.0	=		2.9	9.1	5.5	2.1	1.2	2.9				
NW	1.1	2.8	1.7	.0	.0		6.0	14.0	6.6	6.3	5.5	5.7				
VAR	.0	.0	.0	.0	.0		1.4	.0	.0	.0	.0	.0				
CALM	1.4	1777	2869	705	29		1.4	.0	1.4	1.8	1.2	1.2				
TOT OBS	769	3033	1635	176	6	5619			1315	1428	1365	1511				
TOT PCT	13.7	54.0	29.1	3.1	.1	100.0	100.0		100.0	100.0	100.0	100.0				

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT
0000	1.4	4.3	31.2	49.6	12.9	.5	.1	13.6	100.0
0400	1.8	2.0	32.3	50.2	13.2	.6	.0	13.9	100.0
0800	1.2	2.4	29.3	53.6	12.9	.6	.0	14.1	100.0
1200	1.2	2.6	33.5	50.9	11.4	.4	.1	13.4	100.0
1600	1.2	2.6	33.5	50.9	11.4	.4	.1	13.4	100.0
2000	1.4	2.8	31.6	51.1	12.5	.5	.2	13.7	100.0
PCT	1.4	2.8	31.6	51.1	12.5	.5	.2	13.7	100.0

TOTAL
 OBS

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION					
WIND DIR	0-2	3-4	5-7	8 & 0850	MEAN CLOUD COVER
N	2.7	2.5	5.9	4.9	5.5
NE	7.1	7.3	15.6	9.5	5.2
E	7.3	4.9	9.5	3.1	4.4
SE	1.0	.9	1.9	.7	4.3
S	.6	.2	.5	.3	4.2
SW	.3	.3	.6	.4	5.1
W	.4	.3	1.7	1.0	5.6
NW	.7	.9	2.4	2.0	5.8
VAR	0	0	0	0	0
CALM	.4	.4	.5	.3	4.7
TOT OBS	939	780	1609	975	4383
TOT PCT	21.4	17.8	38.5	22.2	100.0

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH 24/8) AND OCCURRENCE OF MH 45/8 BY WIND DIRECTION													
WIND DIR	000	150	300	600	1000	2000	3500	5000	6500	8000+	MH 45/8	TOTAL	ANY HGT
M	.1	.1	.1	.4	3.1	3.6	.3	.1	.2	.2	.2	7.8	.8
NE	.2	.2	.4	1.4	7.9	7.9	.8	.3	.4	.5	.5	19.8	.4
E	.2	.2	.4	1.4	7.9	7.9	.8	.3	.4	.5	.5	19.8	.4
SE	.0	.0	.1	.1	3.8	4.3	.3	.5	.2	.2	.2	15.1	.2
S	.0	.0	.0	.1	.8	.9	.3	.5	.2	.2	.2	15.1	.2
SW	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	1.0	.0
W	.0	.0	.0	.0	.4	.3	.0	.0	.0	.0	.0	1.8	.0
NW	.0	.0	.0	.1	1.0	.8	.3	.1	.1	.1	.1	1.4	.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0
TOT OBS	13	7	31	114	849	851	68	45	40	37	228	4383	100.0
TOT PCT	.3	.2	.7	2.6	19.4	19.4	1.6	1.0	.9	.8	53.1	100.0	.8

PERIOD: (PRIMARY) 1953-1971
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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	VSBY (NM) = OR >1	= OR >1/2	= OR >1/4	= OR >0
= OR >6500	1.3	1.8	1.8	1.8	1.8	1.8	1.8
= OR >5000	2.1	2.8	2.8	2.8	2.8	2.8	2.8
= OR >3500	3.2	4.3	4.3	4.3	4.3	4.3	4.3
= OR >2000	15.2	23.3	23.7	23.7	23.7	23.7	23.7
= OR >1000	25.4	42.1	43.0	43.1	43.1	43.2	43.2
= OR >600	26.2	44.3	45.5	45.7	45.7	45.7	45.7
= OR >300	26.4	44.7	46.1	46.4	46.4	46.4	46.4
= OR >150	26.4	44.7	46.2	46.6	46.6	46.6	46.6
= OR >0	26.5	44.9	46.5	46.9	46.9	46.9	46.9
TOTAL	1165	1972	2040	2058	2058	2059	2059

TOTAL NUMBER OF OBS: 4390

PCT FREQ NH (5/8): 53.1

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	00SCD	TOTAL OBS
3.1	8.2	21.0	11.6	9.0	9.9	15.0	6.4	15.4	.2	4473	

PERIOD: (PRIMARY) 1953-1971
(OVER-ALL) 1855-1971

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TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VIS (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2 PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
1/2 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
1/2<1 PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
1/2<1 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
1<2 PCP	.1	.2	.0	.0	.0	.0	.0	.2	.0	.0	.5	
1<2 NO PCP	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	
TOT %	.1	.2	.1	.0	.0	.0	.0	.2	.0	.0	.7	
2<5 PCP	.3	.5	.2	.0	.0	.0	.0	.1	.0	.0	1.3	
2<5 NO PCP	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.5	
TOT %	.4	.7	.3	.1	.0	.0	.0	.1	.0	.0	1.7	
5<10 PCP	.9	1.6	.7	.3	.1	.1	.4	.3	.0	.0	4.3	
5<10 NO PCP	3.8	10.5	5.2	1.3	.3	.5	1.1	1.3	.0	.7	24.7	
TOT %	4.8	12.0	5.9	1.6	.3	.6	1.5	1.6	.0	.6	29.0	
10+ PCP	.5	.5	.3	.1	.0	.0	.1	.2	.0	.0	1.7	
10+ NO PCP	11.1	26.6	17.4	3.6	1.0	.9	1.6	3.8	.0	.8	66.7	
TOT %	11.5	27.1	17.7	3.7	1.0	.9	1.7	4.0	.0	.8	68.4	
TOT OBS	16.9	40.2	24.0	5.3	1.4	1.5	3.2	5.9	.0	1.5	100.0	4872

PERIOD: (PRIMARY) 1953-1971
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AREA 0002 DA NANG
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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<3	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10+	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS		16.0	40.8	23.6	5.2	1.4	1.4	3.1	6.0	.0	1.5	100.0	5199

PERIOD: (PRIMARY) 1953-1971
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TABLE 10
 PERCENT FREQUENCY OF CEILING HEIGHTS (FEET.MH > 4/8) AND
 OCCURRENCE OF MH (5/8 BY HOUR

HR	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MH (5/8 ANY HGT	TOTAL
(GMT)	1-9	298	599	999	1999	3999	4999	5999	6999	7999			
00403	.2	.2	.9	4.2	23.9	21.3	1.7	1.1	.6	.5	54.6	45.4	1087
06409	5	.4	.6	2.3	19.1	22.3	1.6	1.4	.7	.6	49.4	50.6	1077
12415	.3	.1	.8	2.5	15.9	16.4	1.5	.9	1.1	1.3	40.8	59.2	1131
18421	.3	.0	.5	1.3	18.3	17.1	1.4	.7	1.1	1.0	41.7	58.3	1135
TOT	13	7	31	114	854	851	68	45	40	37	2060	2370	4430
PCT	.3	.2	.7	2.6	19.3	19.2	1.5	1.0	.9	.8	46.5	53.5	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR												
HR	1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL					
(GMT)	1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL					
00403	.1	.0	.5	2.3	28.8	68.4	1078					
06409	.1	.1	.7	1.4	26.5	71.2	1068					
12415	.0	.0	.3	2.1	30.9	66.8	1119					
18421	.0	.0	.4	1.2	31.0	67.3	1132					
TOT	2	1	21	77	1290	3006	4397					
PCT	.4	.2	3.6	12.6	29.3	68.4	100.0					

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR CEILING HGT (FEET.MH > 4/8) BY HOUR												
HR	<150	<150	<500	<1000	<1000+	MH (5/8 AND 5+	TOTAL					
(GMT)	<150	<150	<500	<1000	<1000+	MH (5/8 AND 5+	TOTAL					
00403	.3	.3	1.5	6.9	48.7	44.4	1078					
06409	.6	.6	1.6	5.1	44.9	50.0	1068					
12415	.4	.4	1.3	5.1	36.4	58.5	1119					
18421	.5	.5	1.1	3.7	38.6	57.7	1132					
TOT	20	20	60	228	1848	2321	4397					
PCT	.5	.5	1.4	5.2	42.0	52.8	100.0					

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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
90/94	.0	.0	.0	.1	.1	.1	.6	.2	.2	.2	16	.4
85/89	.0	.0	.0	.2	.7	.6	.7	.2	.3	.3	85	2.0
80/84	.0	.0	.0	.5	4.0	13.9	7.4	2.5			1220	28.3
75/79	.0	.0	.0	.3	3.6	22.5	23.2	12.0			2556	61.6
70/74	.0	.0	.0	.2	.9	.9	2.5	2.9			318	7.4
65/69	.0	.0	.0	.0	.0	.0	.1	.3			18	.4
TOTAL	.0	.0	.3	5.2	40.5	163.4	144.2	77.7	43.3	100.0	4313	100.0
PCT	.0	.0	.1	1.2	9.4	37.9	33.4	18.0				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
N	NE	E	SE	S	SW	W	NW	VAR	CALM
.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
.3	.7	.7	.1	.1	.1	.1	.1	.0	.0
4.1	12.2	7.2	1.9	.5	.3	.4	1.2	.0	.6
9.4	25.2	16.5	2.7	.7	1.0	1.7	3.5	.0	.9
1.8	1.9	.7	.2	.2	.3	1.0	1.0	.0	.1
.1	.1	.0	.0	.0	.0	.1	.1	.0	.0
15.8	40.1	25.1	5.0	1.5	1.6	3.3	5.8	.0	1.7

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR									
HOUR (GMT)	MAX	95%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00403	93	84	82	78	73	70	65	78.1	1311
06409	93	89	86	80	74	71	65	79.9	1413
12415	87	83	81	78	73	70	67	77.9	1363
18421	86	82	81	78	73	70	64	77.3	1504
TOT	93	86	83	78	73	70	64	78.3	5591

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR								
HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00403	.0	.5	8.9	37.3	32.9	20.4	81	1047
06409	.0	3.2	17.5	42.3	24.4	12.6	77	1039
12415	.0	.9	6.8	39.4	25.7	17.1	81	1111
18421	.0	.6	4.7	32.7	40.3	21.6	83	1123
TOT	.0	5.5	40.5	165.5	144.7	72.5	81	4320

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	61	65	69	73	77	81	85	89	93	TST	W FOG	MO FOG
11/13	.0	.0	.0	.0	.0	.4	.0	.1	.0	27	.0	.6
9/10	.0	.0	.0	.0	.0	.8	.2	.1	.0	56	.0	1.2
7/8	.0	.0	.0	.0	1.7	.3	.4	.1	.0	114	.0	2.4
6	.0	.0	.0	.3	.1	.3	.3	.0	.0	41	.0	.9
5	.0	.0	.0	.1	.1	.7	.2	.0	.0	59	.0	1.2
4	.0	.0	.0	.2	.2	1.1	.2	.0	.0	106	.0	2.2
3	.0	.0	.0	.2	1.2	1.5	.3	.0	.0	150	.0	3.2
2	.0	.0	.0	.4	3.1	2.6	.2	.0	.0	296	.0	6.2
1	.0	.0	.0	.8	4.1	2.1	.1	.0	.0	342	.0	7.2
0	.0	.0	.0	1.9	7.5	3.1	.0	.0	.0	592	.0	12.5
-1	.0	.0	.0	1.8	10.2	1.1	.0	.0	.0	622	.0	13.2
-2	.0	.0	.1	2.7	11.4	.8	.0	.0	.0	710	.0	15.0
-3	.0	.0	.2	1.8	8.5	.5	.0	.0	.0	519	.0	11.0
-4	.0	.0	.4	2.7	5.5	.2	.0	.0	.0	415	.0	8.7
-5	.0	.0	.4	1.9	3.8	.1	.0	.0	.0	296	.0	6.3
-6	.0	.0	.4	1.9	1.1	.0	.0	.0	.0	163	.0	3.4
-7/-8	.0	.1	.6	1.5	.7	.0	.0	.0	.0	142	.0	3.0
-9/-10	.0	.1	.5	.5	.1	.0	.0	.0	.0	58	.0	1.2
-11/-12	.0	.1	.2	.1	.0	.0	.0	.0	.0	17	.0	.4
-14/-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	.0	.1
TOTAL										4729	.2	99.8
PCT	.4	2.9	18.9	60.6	14.9	1.9	.4	.0	.0	100.0		

PERIOD: (OVER-ALL) 1963-1971

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TABLE 18

AREA 0002 DA MANG
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PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT (1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	M										NE										48+	PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+		
TOT PCT	.3	4.6	8.5	3.2	.1	.0	16.8	.3	10.9	22.6	6.4	.1	.0	40.4	.3	10.9	22.6	6.4	.1	.0	.0	.0

HGT (1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	E										SE										48+	PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+		
TOT PCT	.5	6.5	14.8	1.5	.1	.0	23.3	.2	2.2	2.1	.2	.0	.0	4.7	.2	2.2	2.1	.2	.0	.0	.0	.0

PERIOD: 'OVER-ALL' 1963-1971

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AR(A 0002 DA MANG 15.9M 109.1C

TABLE 10

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.1	.5	.0	.0	.0	.0	.5	.1	.5	.0	.0	.0	.0	.6
1-2	.1	.5	.1	.0	.0	.0	.6	.1	.5	.1	.0	.0	.0	.7
3-4	.0	.1	.1	.1	.0	.0	.2	.1	.2	.1	.0	.0	.0	.3
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.1	1.0	.3	.1	.0	.0	1.4	.3	1.2	.2	.0	.0	.0	3.7

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.1	1.1	.0	.0	.0	.0	1.1	.4	.9	.0	.0	.0	.0	1.2
1-2	.1	1.0	.5	.0	.0	.0	1.5	.1	1.1	1.0	.0	.0	.0	2.2
3-4	.1	.1	.2	.0	.0	.0	.4	.1	.2	1.2	.1	.0	.0	1.5
5-6	.0	.1	.1	.0	.0	.0	.2	.0	.0	.4	.4	.0	.0	.0
7	.0	.0	.1	.0	.0	.0	.1	.0	.0	.3	.2	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.5	2.3	.8	.1	.0	.0	3.7	.5	2.2	3.1	.9	.0	.0	6.7

PERIOD: (OVER-ALL) 1953-1971

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TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TOT dBS
	0-3	4-10	11-21	22-33	34-47	48+	48+	48+	48+	48+		
<1	3.5	6.7	.1	.0	.0	.0	.0	.0	.0	.0	10.3	
1-2	.7	17.6	17.6	.0	.0	.0	.0	.0	.0	.0	36.0	
3-4	.1	5.4	21.3	4.1	.0	.0	.0	.0	.0	.0	31.0	
5-6	.0	.6	6.5	3.1	.1	.0	.0	.0	.0	.0	10.2	
7	.0	.2	4.2	2.0	.0	.0	.0	.0	.0	.0	6.5	
8-9	.0	.2	1.7	1.6	.2	.0	.0	.0	.0	.0	3.6	
10-11	.0	.0	.4	.8	.4	.0	.0	.0	.0	.0	1.2	
12	.0	.0	.3	.3	.4	.0	.0	.0	.0	.0	.6	
13-16	.0	.4	.1	.4	.4	.0	.0	.0	.0	.0	.5	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	4.4	30.7	52.2	12.3	.4	.0	.0	.0	.0	.0	100.0	3045

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
<6	1.0	16.6	22.0	6.5	4.5	1.7	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1620	4
6-7	.0	2.4	7.9	4.7	4.0	1.8	1.2	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	772	5
8-9	.0	.5	1.2	1.7	3.2	1.6	1.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	334	7
10-11	.0	.3	.3	.1	.3	.5	.7	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	92	8
12-13	.0	.0	.1	.0	.1	.1	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	9
>13	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	9
TOTAL	1.6	2.3	3.4	.8	1.0	.9	.4	.2	.2	.45	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	370	4
PCT	2.6	22.1	34.9	13.7	13.1	6.6	4.1	1.4	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3414	4

PERIOD: (PRIMARY) 1940-1971
(OVER-ALL) 1869-1971

DECEMBER

AREA 0002 DA NANG
15.9N 108.3E

TABLE 1
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIK	RAIN SHWR	ORZL	PRECIPITATION TYPE			PCT FREQ PCPN AT 06 TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	FRZC PCPN	SNOW PCPN				PCPN	HAZE	BLWG PCPN	DUST PCPN	SIG PCPN	
N	2.0	0.3	.7	.0	.0	.0	.0	3.0	.0	.1	.1	.0	.0	.0	12.4
NE	1.6	.8	.8	.0	.0	.0	.0	3.1	.0	.2	.2	.0	.0	.0	30.6
E	.4	.2	.2	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	21.3
SE	.1	.1	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	6.1
S	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	1.9
SW	.1	.1	.2	.0	.0	.0	.0	.4	.0	.1	.1	.0	.0	.0	4.0
W	.6	.3	.6	.0	.0	.0	.0	1.4	.0	.1	.1	.0	.0	.0	6.7
NW	1.6	.4	.6	.0	.0	.0	.0	2.7	.0	.1	.1	.0	.0	.0	1.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
TOT OBS	279	86	150	.0	.0	.0	.0	507	.0	.0	.0	.0	.0	.0	3697
TOT PCT	6.5	2.0	3.5	.0	.0	.0	.0	11.9	.1	.5	.9	.2	.0	.0	86.6

TABLE 2
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIK	RAIN SHWR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 06 TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	FRZC PCPN	SNOW PCPN					PCPN	HAZE	BLWG PCPN	DUST PCPN	SIG PCPN	
0000Z	7.3	2.3	3.8	.0	.0	.0	.0	13.3	.0	.0	.6	1.7	.0	.0	.0	84.5
0800Z	6.7	2.1	3.1	.0	.0	.0	.0	11.6	.0	.0	.5	1.0	.0	.0	.0	86.9
1200Z	5.7	2.1	3.1	.0	.0	.0	.0	10.7	.0	.0	.5	.5	.0	.0	.0	88.0
1800Z	6.7	1.5	4.0	.0	.0	.0	.0	12.2	.0	.0	.5	.6	.0	.0	.0	86.6
TOT	282	86	150	.0	.0	.0	.0	510	.0	.0	.5	.6	.0	.0	.0	3704
PCT	6.6	2.0	3.5	.0	.0	.0	.0	11.9	.1	.1	.5	.9	.2	.0	.0	86.5

DECEMBER
 PERIOD: (PRIMARY) 1940-1971
 (OVER-ALL) 1869-1971
 AREA 0002 DA MANG
 15.9M 100.9C

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR																		
WIND DIR	WIND SPEED (KNOTS)										MEAN SPD	HOUR (GMT)						
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	00	03		06	09	12	15	18	21	
N	.5	4.6	7.5	3.4	.2	.0	16.2	15.2	14.3	14.0	17.1	20.8	16.9	16.5	15.6	15.0		
NE	.6	9.1	19.2	7.1	.3	.0	36.3	15.5	34.8	38.4	36.2	44.4	37.0	33.3	33.2	39.8		
E	.8	10.0	9.6	1.1	.8	.0	21.5	11.4	17.3	16.0	22.6	19.2	25.1	26.8	22.1	20.3		
SE	.4	3.5	1.9	.1	.0	.0	5.6	9.1	5.5	4.3	5.0	2.9	4.7	8.5	5.6	6.2		
S	.2	1.3	.2	.1	.0	.0	1.8	6.9	3.2	3.9	1.4	1.3	.6	.7	1.9	1.9		
SW	.4	1.4	.3	.1	.0	.0	2.1	7.1	4.5	3.2	1.0	.7	1.3	.8	1.9	3.5		
W	.4	2.2	2.0	.3	.0	.0	5.0	10.8	8.5	7.7	3.6	1.2	2.8	4.0	5.5	6.2		
NW	.3	2.8	4.8	1.5	.1	.0	9.4	14.3	9.6	9.4	11.7	7.9	10.0	6.4	9.7	5.1		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	1.9	.0	.0	.0	.0	.0	1.9	.0	2.3	1.1	1.5	1.5	1.6	3.0	1.5	2.0		
TOT OBS	273	1730	2255	667	29	0	4962	13.2	879	262	927	341	940	271	937	405		
TOT PCT	5.5	35.0	45.4	13.4	.6	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)												41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)				
	0-6	7-16	17-27	28-40	00	03	06	09	12	15	18	21									
N	1.9	7.6	5.6	1.0	.0	16.2	15.2	14.2	14.2	18.1	16.8	15.4									
NE	3.2	17.1	14.6	1.5	.0	36.3	15.5	35.6	35.6	28.4	26.2	25.2									
E	4.1	13.7	3.5	.1	.0	21.5	11.4	17.0	17.0	21.7	25.5	21.5									
SE	1.7	3.0	.3	.1	.0	5.6	9.1	5.3	5.3	4.5	5.6	7.8									
S	.9	.8	.1	.0	.0	1.8	6.9	3.3	3.3	1.4	1.5	1.9									
SW	1.1	.9	.1	.0	.0	2.1	7.1	4.2	4.2	1.9	1.2	1.9									
W	1.4	2.6	.9	.1	.0	5.0	10.8	6.3	6.3	2.9	3.0	5.7									
NW	1.4	4.0	2.6	.6	.0	9.4	14.3	9.6	9.6	10.7	9.2	8.3									
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0									
CALM	1.9	.0	.0	.0	.0	1.9	.0	2.3	2.3	1.5	1.9	1.6									
TOT OBS	876	2546	1376	163	1	4962	13.2	1141	1141	1266	1211	1342									
TOT PCT	17.7	51.3	27.7	3.3	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0									

PERIOD: (PRIMARY: 1940-1971
(OTHER-ALL) 1969-1971

DECEMBER

AREA 0002 OA MAND
15.9M 100.9E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT	TOTAL
				11-21	22-33	34-47	48+				
00403	2.5	5.0	34.6	43.7	13.4	.8	.0	13.0	100.0		1141
06409	1.5	3.8	33.8	45.9	14.6	.5	.0	13.5	100.0		1268
12415	1.9	3.0	33.0	47.2	14.4	.5	.0	13.5	100.0		1211
18421	1.6	3.0	38.4	44.9	11.5	.6	.0	12.8	100.0		1342
TOT	92	181	1738	2255	667	29	.0	13.2			4962
PCT	1.9	3.6	35.0	45.4	13.4	.6	.0	100.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL	MEAN	CLOUD	COVER
N	2.0	1.7	3.9	7.4	15.0	6.1	5.5	5.4
NE	5.2	4.6	11.5	10.0	31.3	5.5	4.4	5.4
E	7.7	3.7	7.7	4.0	23.1	4.4	3.6	4.7
SE	3.2	1.4	1.7	.7	6.0	3.6	4.7	5.3
S	6	.4	.8	.5	7.7	4.7	5.3	6.9
SW	.6	.4	.6	1.0	2.6	5.3	6.9	4.5
W	.7	.5	1.6	3.3	6.1	6.9	4.5	5.4
NW	.7	.5	2.2	6.9	10.3	6.9	4.5	5.4
VAR	.0	.0	.0	.0	.0	4.5	5.4	5.4
CALM	.5	.5	11.5	12.6	26.1	4.5	5.4	5.4
TOT	796	512	1152	1276	3736	5.4	5.4	5.4
TOT PCT	21.3	13.7	30.8	34.2	100.0			

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH) 24/8
AND OCCURRENCE OF MH 5/8 BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-4	TOTAL 005	MEAN CLUD COVER	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH ANY HGT	45/8 005	TOTAL
N	2.0	1.7	3.9	7.4		6.1	.1	.1	.4	1.1	4.3	3.1	.4	.1	.2			5.1	
NE	5.2	4.6	11.5	10.0		5.5	.1	.5	.5	1.3	7.8	6.1	1.0	.3	.4	.1		13.8	
E	7.2	3.7	7.7	4.0		4.4	.1	.0	.1	.3	3.8	3.8	.2	.4	.2	.2		5.3	
SE	3.2	1.4	1.7	.7		3.6	.0	.0	.0	.0	.7	.9	.1	.1	.0			5.3	
S	.6	.4	.8	.5		4.7	.0	.0	.0	.1	.6	.2	.0	.0				1.3	
SW	.6	.4	.6	.0		5.3	.0	.0	.1	.1	.8	.4	.1	.0	.1	.1		1.2	
W	.7	.5	1.6	3.3		6.3	.0	.0	.2	1.1	2.3	1.3	.1	.1	.2	.0		1.8	
NW	.7	.5	2.2	6.9		6.9	.1	.1	.4	1.1	4.3	2.2	.1	.1	.2	.0		1.8	
VAR	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0		1.4	
CALM	.6	.5	.6	.4		4.5	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0		1.4	
TOT 005	796	512	1152	1276	3736	5.4	14	5	64	161	926	680	79	37	42	17	1711	45.8	3736
																			100.0

PERIOD: (PRIMARY) 1940-1971
(OVER-ALL) 1869-1971

DECEMBER

AREA 0002 OR MARG
15.9M 108.9C

TABLE 7
CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM 1/4/8) AND VSBY (MM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	= OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	1.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6
= OR >5000	1.7	2.5	2.6	2.6	2.6	2.6	2.6	2.6
= OR >3500	2.7	4.5	4.7	4.7	4.7	4.7	4.7	4.7
= OR >2000	13.9	22.6	22.8	22.8	22.9	22.9	22.9	22.9
= OR >1000	25.1	45.7	47.4	47.6	47.6	47.6	47.6	47.6
= OR >600	26.1	48.9	51.5	51.9	51.9	51.9	51.9	51.9
= OR >300	26.2	49.9	53.0	53.5	53.6	53.7	53.7	53.7
= OR >150	26.3	49.9	53.1	53.7	53.7	53.8	53.8	53.8
= OR >0	26.4	50.2	53.4	54.0	54.1	54.2	54.2	54.2
TOTAL	988	1877	1997	2018	2021	2024	2024	2024

TOTAL NUMBER OF OBS: 3737 PCT FREQ MM 15/8: 45.8

TABLE 7A
PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	00SCD	TOTAL OBS
4.2	0.0	17.7	9.2	6.8	7.9	11.1	7.1	27.5	.5	3822	

PERIOD: (PRIMARY) 1940-1971
(OVER-ALL) 1869-1971

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AREA 0002 DA NANG 15.9N 108.9E

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

[illegible]

PERIOD (PRIMARY) 1940-1971
(OVER-ALL) 1869-1971

DECEMBER

AREA 0002 DA NANG
15.9N 108.9E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSAT (MM)	SPO KTS	M	ME	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2 <1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1 <2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.2	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0
	22+	.1	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0
	TOT M	.3	.2	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0
2 <5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.1	.1	.1	.0	.1	.1	.1	.1	.0	.1	.1	.1
	11-21	.5	.7	.1	.0	.0	.0	.0	.5	.0	.0	.0	.0
	22+	.5	.3	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0
	TOT M	1.1	1.1	.2	.0	.1	.1	.2	.9	.0	.1	.3	.3
5 <10	0-3	.2	.2	.4	.2	.2	.2	.2	.2	.0	1.0	2.7	10.1
	4-10	1.2	1.0	2.6	.8	.5	.7	1.2	1.3	.0	.0	10.1	13.3
	11-21	2.3	4.0	2.2	.5	.1	.1	1.0	2.3	.0	.0	13.3	19.3
	22+	1.5	2.4	.4	.0	.0	.0	.0	.0	.0	.0	5.4	5.4
	TOT M	5.2	9.1	5.7	1.6	.8	1.1	2.6	4.5	.0	1.0	31.5	46.0
10+	0-3	.3	.4	.4	.2	.1	.1	.2	.2	.0	.8	2.8	2.8
	4-10	3.3	6.9	7.4	2.7	.6	.7	1.0	1.4	.0	.0	24.2	30.0
	11-21	4.3	13.4	7.6	1.5	.1	.2	.9	2.0	.0	.0	30.0	36.5
	22+	1.2	4.2	.7	.1	.0	.0	.0	.2	.0	.0	6.5	6.5
	TOT M	9.1	24.9	16.2	4.4	1.0	1.1	2.2	3.8	.0	.8	63.4	76.9
TOT OBS		15.7	35.5	22.0	6.1	1.9	2.2	5.2	9.5	.0	1.9	100.0	4609

PERIOD: (PRIMARY) 1940-1971
(OVER-ALL) 1869-1971

DECEMBER

AREA 0002 DA NANG
15.9N 108.9E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-NM >4/8) AND
OCCURRENCE OF NM <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NM <5/8 ANY MGT	TOTAL NM <5/8 OBS
00403	-2	2	2.0	4.9	25.4	19.7	2.0	1.0	1.0	.3	57.5	42.5	919
06409	-3	2	2.5	4.8	26.1	18.4	2.0	.5	.7	.2	55.0	44.2	936
12415	5	.0	1.1	3.9	24.0	15.8	2.2	1.5	1.4	.9	51.4	48.6	971
18421	4	.1	.5	3.4	22.8	18.2	2.2	.8	1.3	.3	50.0	50.0	958
TOT	14	5	65	161	928	680	79	37	42	17	2028	1756	3784
PCT	.4	.1	1.7	4.3	24.5	18.0	2.1	1.0	1.1	.4	53.6	46.4	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL OBS
00403	.1	.3	1.4	4.0	33.8	60.4	908
06409	2	.1	1.0	4.1	32.6	62.0	932
12415	1	0	.3	3.6	35.4	60.5	965
18421	0	1	.3	2.4	37.3	59.9	947
TOT	4	5	28	132	1306	2277	3752
PCT	.1	.1	.7	3.5	34.8	60.7	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING MGT (FEET-NM >4/8) BY HOUR

HOUR (GMT)	<150 <5070	<150 <5	<600 <10	<1000 <15	1000+ AND 5+	NM <5/8 AND 5+	TOTAL OBS
00403	.9	4.0	10.8	48.0	41.2	908	
06409	1.0	3.8	11.1	45.5	43.5	932	
12415	.6	1.8	8.5	43.7	47.8	965	
18421	.6	1.3	6.1	44.9	49.0	947	
TOT	29	100	341	1707	1704	3752	
PCT	.8	2.7	9.1	45.5	45.4	100.0	

DECEMBER

PERIOD: (PRIMARY) 1940-1971
(OVER-ALL) 1869-1971

AREA 0002 OA HANG
15.9N 108.9E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	#	#		
90/94	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	11	.2
85/89	.0	.0	.0	.0	.1	.2	.2	.1	.1	.1	21	.6
80/84	.0	.0	.0	.0	.1	2.2	2.8	1.9	.5	.5	282	7.5
75/79	.0	.0	.0	.0	.5	2.7	19.4	14.0	8.3	1717	45.6	7.5
70/74	.0	.0	.0	.0	.1	2.7	7.1	12.1	12.9	1312	34.8	9.4
65/69	.0	.0	.0	.0	.0	.1	.8	3.1	5.4	354	9.4	1.7
60/64	.0	.0	.0	.0	.0	.0	.2	.2	1.3	65	1.7	.2
55/59	.0	.0	.0	.0	.0	.0	.0	.0	.1	6	.2	.0
TOTAL	.0	.0	.0	.0	.8	9.1	30.4	114.4	120.7	3768	100.0	
PCT	.0	.0	.0	.0	.8	9.1	30.4	32.0	28.7			

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP												
M	NE	E	SE	S	SW	W	NW	VAR	CALM			
#	#	#	#	#	#	#	#	#	#			
15.2	31.3	23.0	6.8	2.2	2.7	6.1	10.6	.0	2.1			

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
MAX	39%	35%	50%	50%	50%	1%	MIN	MEAN	TOTAL	
86	81	80	75	67	63	58	74.3	1140	885	
84	86	83	77	68	63	61	76.6	1264	898	
86	81	79	75	68	63	57	74.7	1209	915	
81	79	78	75	67	64	56	73.9	1343	986	
94	84	81	75	67	63	56	74.9	4956	3778	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR												
0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL			
0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
00403	.0	.0	.0	.0	.0	.0	.0	.0	.0			
06409	.0	.0	.0	.0	.0	.0	.0	.0	.0			
12415	.0	.0	.0	.0	.0	.0	.0	.0	.0			
18421	.0	.0	.0	.0	.0	.0	.0	.0	.0			
TOT	0	33	304	1144	1212	1085	83	3778				

PERIOD: (PRIMARY) 1940-1971
(OVER-ALL) 1869-1971

DECEMBER

AREA 0002 DA MANG
15.9N 108.9E

TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	53	57	61	65	69	73	77	81	85	89	93	96	TOT	M	W	W	W
14-18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7-8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.4	.1	.1	.7	6.1	17.8	40.2	28.3	4.9	.5	.2	.1	4181	.5	99.5	.5	99.5
													100.0				

PERIOD: (OVER-ALL) 1963-1971

DECEMBER

TABLE 10

AREA 0002 DA MANG
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PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.3	1.2	.0	.0	.0	.0	1.5	.4	1.6	.0	.0	.0	.0	2.0
1-2	.1	3.0	2.4	.0	.0	.0	5.5	.2	3.8	4.4	.0	.0	.0	0.4
3-4	.1	.5	2.5	1.0	.0	.0	4.0	.1	2.0	6.9	2.9	.0	.0	11.6
5-6	.0	.0	.0	.0	.0	.0	1.0	.0	.0	3.0	1.7	.0	.0	5.0
7	.0	.0	.0	.0	.0	.0	1.1	.0	.0	1.8	1.5	.0	.0	3.3
8-9	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	1.0	.0	.0	1.9
10-11	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.4	.0	.0	.7
12	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.3
13-16	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.4	4.8	6.5	2.3	.2	.0	14.2	.8	7.7	17.2	7.6	.3	.0	33.6

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.3	2.6	.0	.0	.0	.0	3.4	.4	1.5	.0	.0	.0	.0	1.9
1-2	.2	5.4	4.1	.0	.0	.0	9.7	.1	1.8	1.2	.0	.0	.0	3.1
3-4	.0	.0	4.7	.4	.0	.0	6.6	.0	.0	1.4	.0	.0	.0	.7
5-6	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.2
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.0	9.6	10.5	1.2	.0	.0	22.3	.5	3.6	1.7	.1	.0	.0	5.9

PERIOD: (OVER-ALL) 1963-1971

DECEMBER

AREA 0002 DA MANG
15.9M 118.9C

TABLE 10 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TOT EOS
	0-3	4-10	11-21	22-33	34-47	48+						
1	5.7	11.3	.1	.0	.0	.0	17.1					
1-2	1.1	19.3	16.3	.0	.0	.0	36.7					
3-4	.2	5.0	17.6	5.1	.0	.0	27.9					
5-6	0	.5	4.9	2.3	.1	.0	7.8					
7	#	.1	2.9	2.5	.0	.0	5.6					
8-9	.0	#	1.3	1.5	#	.0	3.0					
10-11	.0	#	.4	.7	.2	.0	1.3					
12	.0	.0	.1	.2	.1	.0	.4					
13-16	.0	.0	#	.1	.1	.0	.2					
17-19	.0	.0	.0	.0	.0	.0	.0					
20-22	.0	.0	.0	.0	.0	.0	.0					
23-25	.0	.0	.0	.0	.0	.0	.0					
26-32	.0	.0	.0	.0	.0	.0	.0					
33-40	.0	.0	.0	.0	.0	.0	.0					
41-48	.0	.0	.0	.0	.0	.0	.0					
49-60	.0	.0	.0	.0	.0	.0	.0					
61-70	.0	.0	.0	.0	.0	.0	.0					
71-86	.0	.0	.0	.0	.0	.0	.0					
87+	.0	.0	.0	.0	.0	.0	.0					
TOT PCT	7.1	36.3	43.7	12.4	.6	.0	100.0					2529

PERIOD (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																		TOTAL	MEAN HGT
	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+		
1-2	3.1	16.9	21.4	5.7	4.2	1.5	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1605
3-4	.1	2.1	6.2	3.8	4.7	1.6	1.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	609
5-6	.1	.8	1.9	1.2	1.5	1.7	.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	256
7-9	0	1	#	.3	.4	.6	.3	.2	.2	1	#	.0	.0	.0	.0	.0	.0	.0	.0	70
10-11	0	0	3	.1	#	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14
12-13	0	0	0	.1	#	.0	.1	#	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7
13	3.3	2.3	4.5	1.4	1.7	5	.3	1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	427
INDEX	193	666	1024	373	377	183	96	44	27	4	1	0	0	0	0	0	0	0	0	2988
TOTAL	6.5	22.3	34.3	12.5	12.6	6.1	3.2	1.5	.9	.1	#	.0	.0	.0	.0	.0	.0	.0	.0	100.0

PERIOD: (PRIMARY) 1939-1971
(OVER-ALL) 1856-1971

ANNUAL

AREA 0002 DA NANG
15.9N 108.9E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 06 TIME	TOTAL PCPN OBS	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE PCPN	HAZE PCPN	DUST PCPN	
N	.7	.2	.3	.0	.0	.0	.0	.0	1.3		.1	.2	.2			0.6
NE	.5	.4	.3	.0	.0	.0	.0	.0	1.2		.1	.1	.3			14.7
E	.2	.2	.1	.0	.0	.0	.0	.0	.6		.2	.2	.5			13.2
SE	.1	.1	.1	.0	.0	.0	.0	.0	.3		.4	.3	.9			14.7
S	.2	.1	.1	.0	.0	.0	.0	.0	.3		.4	.1	.3			12.0
SW	.3	.1	.1	.0	.0	.0	.0	.0	.5		.3	.1	.2			7.6
W	.6	.2	.3	.0	.0	.0	.0	.0	1.1		.2	.2	.2			6.5
NW	.8	.3	.5	.0	.0	.0	.0	.0	1.5		.1	.3	.2			7.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0			2.4
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.1		.1	.1	.2			2.0
TOT OBS	1987	966	1019	.0	.0	.0	.0	.0	3897		1025	924	1826		20	49095
TOT PCT	3.5	1.7	1.7	.0	.0	.0	.0	.0	6.8		1.9	1.5	3.0		2	86.8

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GM)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 06 TIME	TOTAL PCPN OBS	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE PCPN	HAZE PCPN	DUST PCPN	
0000Z	2.6	1.7	1.6	.0	.0	.0	.0	.0	7.0		.1	2.6	3.8			86.5
0600Z	3.2	1.7	1.5	.0	.0	.0	.0	.0	6.3		.1	1.2	4.2			88.2
1200Z	3.5	1.6	1.7	.0	.0	.0	.0	.0	6.7		4.0	.9	2.3			86.1
1800Z	3.8	3	2.0	.0	.0	.0	.0	.0	7.5		3.4	1.1	1.6			86.4
TOT	1396	940	1021	.0	.0	.0	.0	.0	3910		1027	925	1827		20	49179
PCT	3.5	1.7	1.7	.0	.0	.0	.0	.0	6.9		1.9	1.5	3.0		2	86.8

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15.9M 100.9E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	0-3	4-10	11-21	22-33	34-47	WIND SPEED (KNOTS)	WIND DIR	0-3	00	03	06	09	12	15	18	21
N	.6	4.0	4.3	1.3	.1	#	N	8.5	9.5	13.7	13.0	11.5	7.3	8.5	7.5	
NE	.7	6.3	7.9	2.0	.1	#	NE	14.7	16.6	19.7	21.9	17.5	14.6	14.9	15.9	
E	.8	7.3	5.8	.5	.1	#	E	11.1	12.0	15.6	17.6	17.1	15.0	13.2	12.2	
SE	.9	8.2	6.7	.4	.1	#	SE	12.0	13.2	13.9	16.4	21.1	22.1	17.7	14.0	
S	.8	7.4	5.4	.5	.1	#	S	15.2	13.4	11.1	11.3	11.9	16.4	17.4	17.7	
SW	.7	4.7	2.8	.5	.1	#	SW	13.1	9.2	6.9	5.5	5.5	7.7	9.7	12.0	
W	.7	3.8	2.6	.5	.1	#	W	12.5	9.9	6.2	4.0	4.5	6.3	0.0	9.5	
NW	.5	3.5	3.7	1.0	.1	#	NW	9.8	10.5	10.5	8.4	8.1	7.4	7.7	7.4	
VAR	.0	.0	.0	.0	.0	.0	VAR	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	2.9	.0	.0	.0	.0	.0	CALM	3.1	5.6	2.5	2.0	2.2	3.3	2.8	3.8	
TOT OBS	5529	26987	25606	4361	213	6	TOT OBS	11224	4075	11723	5115	11632	4052	11571	5310	
TOT PCT	8.7	45.1	39.2	6.7	.3	#	TOT PCT	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A

WIND DIR	0-3	4-10	11-21	22-33	34-47	WIND SPEED (KNOTS)	WIND DIR	0-3	00	03	06	09	12	15	18	21
N	2.1	5.2	2.6	.3	.3	#	N	10.2	11.6	13.5	10.4	8.2	8.2	8.2	8.2	
NE	2.9	9.0	4.6	.5	.5	#	NE	16.9	11.2	20.3	16.8	15.2	15.2	15.2	15.2	
E	3.5	8.8	2.0	.1	.1	#	E	14.4	10.1	11.4	16.2	17.0	12.5	12.5	12.5	
SE	4.0	10.4	1.9	.1	.1	#	SE	16.2	10.3	12.4	14.7	21.4	16.5	16.5	16.5	
S	3.7	8.5	1.8	.1	.1	#	S	14.1	9.8	14.7	11.2	13.1	17.5	17.5	17.5	
SW	2.8	4.6	1.1	.1	.1	#	SW	8.7	8.9	12.0	6.5	6.1	10.5	10.5	10.5	
W	2.4	3.8	1.2	.1	.1	#	W	7.0	10.5	11.8	5.5	4.9	8.5	8.5	8.5	
NW	1.9	4.5	2.1	.3	.3	#	NW	8.8	12.0	10.0	9.8	7.9	7.6	7.6	7.6	
VAR	.0	.0	.0	.0	.0	.0	VAR	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	2.9	.0	.0	.0	.0	.0	CALM	3.1	5.6	2.5	2.0	2.2	3.3	2.8	3.8	
TOT OBS	16774	36509	11320	1067	1.6	#	TOT OBS	15289	16838	15684	16181	16181	16181	16181	16181	
TOT PCT	26.2	54.8	17.3	1.6	1.6	#	TOT PCT	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

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PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

WIND	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT	TOTAL
SPD									FREQ	005
(KNOTS)										
0-5	3.8	7.6	45.9	35.4	6.8	.4	2	10.6	100.0	15299
6-10	3.3	5.3	44.0	40.9	7.2	.3	2	11.4	100.0	16328
11-15	2.5	4.4	43.2	42.4	6.6	.3	2	11.4	100.0	15564
16-20	3.2	5.6	46.6	38.2	6.1	.3	2	10.8	100.0	16860
21-25	1064	3665	28986	25966	4261	213	6	11.1	100.0	64701
26-30	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299
31-35	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299
36-40	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299
41-45	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299
46-50	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299
51-55	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299
56-60	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299
61-65	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299
66-70	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299
71-75	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299
76-80	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299
81-85	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299
86-90	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299
91-95	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299
96-100	2	9	45.1	39.2	6.7	.3	2	10.0	100.0	15299

PERCENT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 - BSCD	TOTAL OBS	MEAN CLOUD COVER
N	1.4	1.3	7.4	4.1		5.8
NE	2.8	2.6	7.0	4.2		5.2
E	4.7	3.8	5.1	4.3		4.4
SE	6.7	3.3	5.2	1.8		4.0
S	4.2	2.5	4.0	1.7		4.1
SW	1.9	1.4	3.3	2.1		5.0
W	1	1.9	3.3	3.6		6.0
NW	9	8	2.9	5.1		6.3
VAR	0	0	1.0	0		0.0
CALC	1.8	7.5	1.1	1.7		4.8
TOT OBS	1261	7962	16790	12935	50308	5.0
TOT PCT	24.5	15.9	33.9	25.6	100.0	

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. NH.) 4, 8)
AND OCCURRENCE OF NH. 5, 8 BY WIND DIRECTION

000	150	300	600	1000	2000	3500	5000	7500	8000+	MM	<50	TOTAL
149	299	599	999	1999	3499	4999	6499	7999		ANY	HGT	BOB
=	=	=	=	=	=	=	=	=	=	=	=	=
.1	.2	.2	.4	2.3	1.8	.3	.1	.1	.1	7		
.1	.2	.5	.5	3.1	2.6	.3	.1	.2	.2	8.3		
.1	.1	.1	.2	1.3	1.7	.2	.2	.2	.2	10.2		
.1	.1	.1	.1	1.2	1.2	.2	.1	.3	.2	13.5		
.1	.1	.1	.1	.8	.9	.2	.2	.2	.2	9.6		
.1	.1	.1	.1	.9	.9	.2	.1	.3	.2	5.8		
.1	.2	.4	.4	1.8	1.1	.2	.1	.2	.2	4.4		
.1	.1	.4	.6	2.8	1.7	.2	.1	.2	.1	3.3		
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
.0	.1	.1	.1	.3	.3	=	=	=	.1	.2		
.12	.35	.68	.130	.772	.6226	.890	.584	.894	.650	30947		50308
.2	.13	.27	.27	15.2	12.4	1.8	1.2	1.8	1.3	61.8		100.0

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TABLE 7
CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM > 400) AND VSBY (MM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	VSBY (MM) = OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50 FT	= OR > 30
= OR > 6500	2 2	3 1	3 1	3 1	3 1	3 1	3 1	3 1
= OR > 5000	3 0	4 3	4 3	4 3	4 3	4 3	4 3	4 3
= OR > 3500	4 1	6 0	6 1	6 1	6 1	6 1	6 1	6 1
= OR > 2000	12 3	18 1	18 4	18 5	18 5	18 5	18 5	18 5
= OR > 1000	19 9	32 3	33 4	33 6	33 6	33 6	33 6	33 6
= OR > 600	20 6	34 3	36 0	36 2	36 3	36 3	36 3	36 3
= OR > 300	20 7	35 1	37 1	37 5	37 6	37 6	37 6	37 6
= OR > 150	20 8	35 2	37 3	37 7	37 8	37 8	37 8	37 8
= OR > 0	20 9	35 4	37 5	37 9	38 0	38 1	38 1	38 1
TOTAL	10437	17928	19023	19247	19311	19339	19359	19370

TOTAL NUMBER OF OBS 50356 PCT FREQ MM (5/8) 61.5

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	9	TOTAL
9 3	13 1	23 2	9 9	6 3	6 8	10 3	4 8	15 7	.6	51424

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TABLE 8
PERCENT FREQUENCY OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	%CT	TOTAL OBS
1/2 NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
1/2 TOT M	0	0	0	0	0	0	0	0	0	0	0	0
1/2<1 NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
1/2<1 TOT M	0	0	0	0	0	0	0	0	0	0	0	0
1<2 NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
1<2 TOT M	0	0	0	0	0	0	0	0	0	0	0	0
2<5 NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
2<5 TOT M	0	0	0	0	0	0	0	0	0	0	0	0
5<10 NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
5<10 TOT M	0	0	0	0	0	0	0	0	0	0	0	0
10+ NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
10+ TOT M	0	0	0	0	0	0	0	0	0	0	0	0
TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0
TOT PCT	0.3	16.4	14.6	16.6	13.2	8.6	8.2	9.3	0	2.3	100.0	56748

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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

WSDY (MM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
(1/2	0-3									.0			
	4-10									.0			
	11-21					.0				.0			
	22+				.1			.1	.1	.0			
	TOT												
1/2<	0-3									.0			
	4-10									.0			
	11-21				.0					.0			
	22+				.0				.1	.0			
	TOT												
1<2	0-3					.0				.0			
	4-10									.0			
	11-21								.1	.0			
	22+							.1	.1	.0			
	TOT												
2<5	0-3									.0			
	4-10				.1	.1		.1	.1	.0			
	11-21				.1	.1		.2	.1	.0			
	22+				.1	.2		.3	.6	.0			
	TOT												
5<10	0-3				.2	.2		.2	.2	.0			
	4-10				.2	.3		.3	.1	.0			
	11-21				.1	.1		.1	.1	.0			
	22+				.1	.1		.2	.5	.0			
	TOT												
10+	0-3				.5	.6		.5	.3	.0			
	4-10				.5	.6		.6	.2	.0			
	11-21				.5	.4		.3	.1	.0			
	22+				.3	.3		.3	.4	.0			
	TOT												
TOT OBS		10.2	16.7	14.6	16.4	13.6	8.7	7.9	9.1				60328
TOT PCT		10.2	16.7	14.6	16.4	13.6	8.7	7.9	9.1			2.9	100.0

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET.MH >4/8) AND
OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MH <5/8 ANY MGT	TOTAL MH <5/8 TOTAL
00403	4	-2	1.0	3.4	16.4	12.6	1.9	1.4	1.0	1.5	41.5	50.5	12574
06409	4	-2	1.6	2.6	14.3	11.6	1.7	1.1	1.6	1.1	36.2	63.0	12617
12415	3	2	1.0	2.3	14.5	12.1	1.7	1.2	2.2	1.4	36.8	63.2	13017
18421	3	.1	9	2.3	14.9	12.5	1.8	1.0	1.6	1.3	36.6	63.4	12725
TOT	178	95	609	1391	7783	6231	891	584	894	650	19386	31547	50933
PCT	3	2	1.3	2.7	15.0	12.2	1.8	1.2	1.8	1.3	37.8	62.2	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL OBS
00403	7	4	0	3.5	26.3	68.3	12544
06409	3	2	6	2.5	25.1	71.3	12516
12415	2	1	4	2.3	29.5	67.5	12922
18421	3	1	4	2.2	29.8	67.2	12640
TOT	217	125	203	1379	14324	34302	50630
PCT	4	2	5	2.6	27.7	68.6	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING MGT (FEET.MH >4/8) BY HOUR

HOUR (GMT)	<150 (5070)	<600 (1)	<1000 (5)	<1000+ AND 5+	MH <5/8 AND 5+	TOTAL OBS
00403	1.2	3.5	9.2	34.2	56.5	12544
06409	.8	2.8	7.0	30.3	62.7	12516
12415	.6	1.9	5.7	32.0	62.3	12922
18421	.7	1.9	5.7	32.0	62.3	12640
TOT	457	1329	3628	16331	30671	50630
PCT	.8	2.5	6.9	32.1	61.0	100.0

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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL 865	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
100/104	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	.2
95/99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	83	2.1
90/94	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	990	14.9
85/89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6979	14.9
80/84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16726	34.2
75/79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15003	28.8
70/74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7337	13.8
65/69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2411	4.5
60/64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	720	1.3
55/59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	39	.1
TOTAL	1	2	35	503	3435	13029	20318	12968	50291	100.0		
PCT	.1	.2	3.5	50.3	343.5	1302.9	2031.8	1296.8	5029.1	100.0		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											
M	NE	E	SE	S	SW	W	NW	VAR	CALM		
10.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											
HOUR (GMT)	MAX	99%	95%	50%	50%	50%	1%	MIN	MEAN	TOTAL	
00403	100	87	84	79	73	70	70	56	78.8	15251	885
06409	100	91	88	82	75	71	71	57	81.1	16884	
12415	99	86	84	79	73	70	70	57	78.8	15657	
18421	93	82	82	79	73	70	70	56	77.9	15837	
TOT	100	88	85	80	73	70	70	56	79.2	64429	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											
HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL			
00403	.0	1.0	6.9	26.4	40.4	25.2	83	12286	885		
06409	.0	2.8	15.2	37.4	31.3	13.3	78	12325			
12415	.0	.5	3.8	24.0	45.4	26.2	84	12944			
18421	.0	.3	2.5	17.8	44.1	35.3	86	12828			
TOT	1	540	3437	13050	20352	12983	83	50363			

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TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

		AREA 0002, DA NAMC 15.9N 108.9E																	
		TABLE 17																	
		VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)																	
		53	57	61	65	69	73	77	81	85	89	93	97	101	105	109	113		
		56	60	64	68	72	76	80	84	88	92	96	100	104	108	112	116		
		59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119		
		62	66	70	74	78	82	86	90	94	98	102	106	110	114	118	122		
		65	69	73	77	81	85	89	93	97	101	105	109	113	117	121	125		
		68	72	76	80	84	88	92	96	100	104	108	112	116	120	124	128		
		71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131		
		74	78	82	86	90	94	98	102	106	110	114	118	122	126	130	134		
		77	81	85	89	93	97	101	105	109	113	117	121	125	129	133	137		
		80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140		
		83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143		
		86	90	94	98	102	106	110	114	118	122	126	130	134	138	142	146		
		89	93	97	101	105	109	113	117	121	125	129	133	137	141	145	149		
		92	96	100	104	108	112	116	120	124	128	132	136	140	144	148	152		
		95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155		
		98	102	106	110	114	118	122	126	130	134	138	142	146	150	154	158		
		101	105	109	113	117	121	125	129	133	137	141	145	149	153	157	161		
		104	108	112	116	120	124	128	132	136	140	144	148	152	156	160	164		
		107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167		
		110	114	118	122	126	130	134	138	142	146	150	154	158	162	166	170		
		113	117	121	125	129	133	137	141	145	149	153	157	161	165	169	173		
		116	120	124	128	132	136	140	144	148	152	156	160	164	168	172	176		
		119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179		
		122	126	130	134	138	142	146	150	154	158	162	166	170	174	178	182		
		125	129	133	137	141	145	149	153	157	161	165	169	173	177	181	185		
		128	132	136	140	144	148	152	156	160	164	168	172	176	180	184	188		
		131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191		
		134	138	142	146	150	154	158	162	166	170	174	178	182	186	190	194		
		137	141	145	149	153	157	161	165	169	173	177	181	185	189	193	197		
		140	144	148	152	156	160	164	168	172	176	180	184	188	192	196	200		
		143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203		
		146	150	154	158	162	166	170	174	178	182	186	190	194	198	202	206		
		149	153	157	161	165	169	173	177	181	185	189	193	197	201	205	209		
		152	156	160	164	168	172	176	180	184	188	192	196	200	204	208	212		
		155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215		
		158	162	166	170	174	178	182	186	190	194	198	202	206	210	214	218		
		161	165	169	173	177	181	185	189	193	197	201	205	209	213	217	221		
		164	168	172	176	180	184	188	192	196	200	204	208	212	216	220	224		
		167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227		
		170	174	178	182	186	190	194	198	202	206	210	214	218	222	226	230		
		173	177	181	185	189	193	197	201	205	209	213	217	221	225	229	233		
		176	180	184	188	192	196	200	204	208	212	216	220	224	228	232	236		
		179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239		
		182	186	190	194	198	202	206	210	214	218	222	226	230	234	238	242		
		185	189	193	197	201	205	209	213	217	221	225	229	233	237	241	245		
		188	192	196	200	204	208	212	216	220	224	228	232	236	240	244	248		
		191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251		
		194	198	202	206	210	214	218	222	226	230	234	238	242	246	250	254		
		197	201	205	209	213	217	221	225	229	233	237	241	245	249	253	257		
		200	204	208	212	216	220	224	228	232	236	240	244	248	252	256	260		
		203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263		
		206	210	214	218	222	226	230	234	238	242	246	250	254	258	262	266		
		209	213	217	221	225	229	233	237	241	245	249	253	257	261	265	269		
		212	216	220	224	228	232	236	240	244	248	252	256	260	264	268	272		
		215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275		
		218	222	226	230	234	238	242	246	250	254	258	262	266	270	274	278		
		221	225	229	233	237	241	245	249	253	257	261	265	269	273	277	281		
		224	228	232	236	240	244	248	252	256	260	264	268	272	276	280	284		
		227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287		
		230	234	238	242	246	250	254	258	262	266	270	274	278	282	286	290		
		233	237	241	245	249	253	257	261	265	269	273	277	281	285	289	293		
		236	240	244	248	252	256	260	264	268	272	276	280	284	288	292	296		
		239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299		
		242	246	250	254	258	262	266	270	274	278	282	286	290	294	298	302		
		245	249	253	257	261	265	269	273	277	281	285	289	293	297	301	305		
		248	252	256	260	264	268	272	276	280	284	288	292	296	300	304	308		
		251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311		
		254	258	262	266	270	274	278	282	286	290	294	298	302	306	310	314		
		257	261	265	269	273	277	281	285	289	293	297	301	305	309	313	317		
		260	264	268	272	276	280	284	288	292	296	300	304	308	312	316	320		
		263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323		
		266	270	274	278	282	286	290	294	298	302	306	310	314	318	322	326		
		269	273	277	281	285	289	293	297	301	305	309	313	317	321	325	329		
		272	276	280	284	288	292	296	300	304	308	312	316	320	324	328	332		
		275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335		
		278	282	286	290	294	298	302	306	310	314	318	322	326	330	334	338		
		281	285	289	293	297	301	305	309	313	317	321	325	329	333	337	341		
		284	288	292	296	300	304	308	312	316	320	324	328	332	336	340	344		
		287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347		
		290	294	298	302	306	310	314	318	322	326	330	334	338	342	346	350		
		293	297	301	305	309	313	317	321	325	329	333	337	341	345	349	353		
		296	300	304	308	312	316	320	324	328	332	336	340	344	348	352	356		
		299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359		
		302	306	310	314	318	322	326	330	334	338	342	346	350	354	358	362		
		305	309	313	317	321	325	329	333	337	341	345	34						

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TABLE 10

AREA 0002 DR MANG
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PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	4-10			11-21			22-33			34-47			48+			PCT
	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-36	37-39	40-42	43-45	
41	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	3.2
1-2	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	5.6
3-4	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	4.5
5-6	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	1.5
7	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	1.0
8-9	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.3
10-11	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
12	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
13-16	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
17-19	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
20-22	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
23-25	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
26-32	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
33-40	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
41-48	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
49-60	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
61-70	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
71-86	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
87+	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
TOT PCT	.6	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	15.9

HGT	4-10			11-21			22-33			34-47			48+			PCT
	1-3	4-6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-36	37-39	40-42	43-45	
41	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	3.2
1-2	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	9.0
3-4	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	2.9
5-6	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
7	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
8-9	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
10-11	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
12	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
13-16	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
17-19	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
20-22	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
23-25	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
26-32	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
33-40	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
41-48	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
49-60	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
61-70	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
71-86	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
87+	.4	1.5	2.2	1.9	1.6	1.4	1.2	.8	.5	.2	.0	.0	.0	.0	.0	.1
TOT PCT	.9	7.2	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	16.5

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TABLE 10

AREA 0002 DA MANG
15.9M 108.9C

PERF OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
G1	.5	2.2	2.4	.0	.0	.0	2.6	.6	1.9	.1	.0	.0	.0	2.6	.6	1.9	.1	.0	.0	.0	.0	.6	1.9	.1	.0	.0	.0	.6	1.9	.1	.0	.0	.0	2.6	
1-2	.2	3.6	2.4	.0	.0	.0	6.2	.2	2.5	1.7	.0	.0	.0	6.2	.2	2.5	1.7	.0	.0	.0	.0	.2	2.5	1.7	.0	.0	.0	.2	2.5	1.7	.0	.0	.0	4.5	
3-4	.0	.5	1.4	.2	.0	.0	2.1	.0	.3	.7	.1	.0	.0	2.1	.0	.3	.7	.1	.0	.0	.0	.0	.3	.7	.1	.0	.0	.0	.3	.7	.1	.0	.0	1.3	
5-6	.0	.0	.3	.1	.0	.0	.4	.0	.0	.1	.1	.0	.0	.4	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	
7	.0	.0	.1	.1	.0	.0	.2	.0	.0	.2	.2	.0	.0	.2	.0	.0	.2	.2	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	
8-9	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	8	6.3	4.2	.4	.0	.0	11.7	.6	4.8	2.7	.4	.0	.0	8.7	.6	4.8	2.7	.4	.0	.0	.0	.6	4.8	2.7	.4	.0	.0	.0	.0	.0	.0	.0	8.7		

HGT	1-3					4-10					11-21					22-33					34-47					48+					PCT			
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT						
G1	.6	2.0	1.1	.0	.0	.0	2.6	.5	1.6	.0	.0	.0	.0	2.6	.5	1.6	.0	.0	.0	.0	.0	.5	1.6	.0	.0	.0	.0	.5	1.6	.0	.0	.0	2.1	
1-2	.1	2.3	1.9	.0	.0	.0	4.3	.2	2.1	2.1	.0	.0	.0	4.3	.2	2.1	2.1	.0	.0	.0	.0	.2	2.1	2.1	.0	.0	.0	.2	2.1	2.1	.0	.0	.0	4.3
3-4	.0	.3	1.0	.3	.0	.0	1.7	.0	.4	1.7	.5	.0	.0	1.7	.0	.4	1.7	.5	.0	.0	.0	.0	.4	1.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	2.6
5-6	.0	.0	.1	.1	.0	.0	.3	.0	.0	.4	.2	.0	.0	.3	.0	.0	.4	.2	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.7	
7	.0	.0	.1	.1	.0	.0	.1	.0	.0	.1	.1	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.4	
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	8	4.6	3.2	.5	.0	.0	9.1	.6	4.1	4.4	1.1	.0	.0	10.2	.6	4.1	4.4	1.1	.0	.0	.0	.6	4.1	4.4	1.1	.0	.0	.0	.0	.0	.0	.0	10.2	

AREA 0002, DM MANG
15.9M 108.9C

ANNUAL

PERIOD (OVER-ALL) 1962-1971

TABLE 18 (CONT)

WGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										TOT 005
	0-3	4-10	11-21	22-33	34-47	48+	48+	PCT			
41	7.3	15.4	.5	.0	.0	.0	.0	23.3			
1-2	1.6	24.2	20.4	.0	.0	.0	.0	46.3			
3-4	.2	4.3	13.4	2.9	.0	.0	.0	20.8			
5-6	.5	.5	3.0	1.2	.0	.0	.0	4.7			
7	.5	1.1	1.6	1.0	.0	.0	.0	2.7			
8-9	.0	.0	.6	.6	.0	.0	.0	1.2			
10-11	.0	.0	.2	.4	.1	.0	.0	.7			
12	.0	.0	.1	.1	.0	.0	.0	.2			
13-16	.0	.0	.0	.0	.0	.0	.0	.0			
17-19	.0	.0	.0	.0	.0	.0	.0	.0			
20-22	.0	.0	.0	.0	.0	.0	.0	.0			
23-25	.0	.0	.0	.0	.0	.0	.0	.0			
26-32	.0	.0	.0	.0	.0	.0	.0	.0			
33-40	.0	.0	.0	.0	.0	.0	.0	.0			
41-48	.0	.0	.0	.0	.0	.0	.0	.0			
49-60	.0	.0	.0	.0	.0	.0	.0	.0			
61-70	.0	.0	.0	.0	.0	.0	.0	.0			
71-86	.0	.0	.0	.0	.0	.0	.0	.0			
87+	.0	.0	.0	.0	.0	.0	.0	.0			
TOT PCT	9.2	44.6	33.7	6.3	.2	.0	.0	100.0			35449

PERIOD (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																			TOTAL	MEAN HGT
	41	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+		
46	5.8	31.5	18.6	2.7	2.0	.6	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2249	3
6-7	1.1	3.6	4.9	2.3	2.1	.8	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5954	4
8-9	1.1	1.0	1.4	.6	1.1	.6	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2257	5
10-11	0.0	3.0	.3	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	708	6
12-13	0.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	149	6
13	0.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30	10
INDCT	6.2	4.3	3.0	.7	.5	.2	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6019	2
TOTAL	4749	16254	11591	3185	2496	1029	635	232	162	26	6	1	1	0	0	0	0	0	0	40366	1
PCT	12.1	40.6	28.3	7.8	6.1	2.5	1.6	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD (PRIMARY) 1939-1971
(OVER-ALL) 1856-1971

TABLE 20

AREA 0002 DA NANG
15.9N 108.8E

SEA TMP DEG F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	PCT
96+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95/96	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91/92	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89/90	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87/88	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85/86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83/84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81/82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79/80	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77/78	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75/76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73/74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71/72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69/70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67/68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65/66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63/64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61/62	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59/60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57/58	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55/56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53/54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51/52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49/50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47/48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45/46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43/44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41/42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39/40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37/38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35/36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33/34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31/32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29/30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27/28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
427	5405	5709	6130	5933	5148	4387	5521	4421	4870	5203	5455	4861	51043	100.0
TOTAL	74.9	73.8	74.7	78.0	81.5	83.6	83.5	84.3	83.9	81.7	78.2	76.8	79.6	
MEAN														

PERIOD: (PRIMARY) 1939-1971
(OVER-ALL) 1856-1971

AREA 0002 DA NAMC
15.9N 108.9E

TABLE 21

PRESSURE (MB)

AVERAGE BY HOUR (GMT)

MO	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	TOTAL 085
JAN	1016	1017	1015	1014	1015	1015	1015	1014	1015	4970
FEB	1015	1016	1014	1013	1014	1015	1014	1014	1014	5181
MAR	1013	1014	1012	1011	1011	1012	1012	1011	1012	5531
APR	1011	1012	1011	1009	1010	1011	1011	1011	1011	5329
MAY	1007	1008	1007	1005	1006	1008	1007	1006	1007	4618
JUN	1005	1006	1005	1004	1005	1005	1005	1005	1005	3843
JUL	1004	1005	1004	1002	1003	1005	1004	1003	1004	4945
AUG	1005	1005	1004	1003	1004	1005	1005	1004	1004	3955
SEP	1007	1007	1006	1005	1006	1007	1006	1005	1006	4414
OCT	1011	1012	1010	1010	1010	1012	1011	1010	1011	4846
NOV	1014	1015	1011	1013	1014	1015	1014	1013	1014	4751
DEC	1015	1017	1014	1014	1014	1016	1014	1015	1015	4282
ANN	1010	1011	1010	1009	1009	1011	1010	1009	1010	5665
085	9839	3992	10060	4018	10322	4031	10269	4112		

PERCENTILES

MO	MIN	1%	5%	25%	50%	75%	95%	99%	MAX
JAN	1006	1007	1009	1013	1015	1017	1020	1022	1032
FEB	1002	1004	1008	1012	1014	1017	1020	1023	1027
MAR	1001	1003	1005	1009	1012	1015	1018	1021	1029
APR	1002	1003	1005	1008	1010	1013	1017	1021	1025
MAY	998	1001	1002	1005	1007	1009	1011	1013	1015
JUN	996	999	1001	1003	1005	1007	1009	1011	1012
JUL	992	996	999	1002	1004	1006	1009	1010	1012
AUG	992	997	1000	1002	1004	1006	1010	1012	1014
SEP	992	996	1000	1004	1006	1008	1011	1013	1015
OCT	997	1000	1004	1009	1011	1013	1016	1017	1018
NOV	1003	1006	1009	1012	1014	1016	1018	1020	1022
DEC	1002	1004	1009	1012	1015	1017	1020	1023	1027

JANUARY

PERIOD: (PRIMARY) 1933-1971
(OVER-ALL) 1857-1971

AREA 0003 NWA TRNG
12.1M 109.6E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN					FBG PCPN	SHRCC PCPN	HAZE PCPN	BLMG PCPN	SNOW MCA	
N	1.8	.8	1.2	.0	.0	.0	.0	3.7		.0	.2	.2	.0	.0	36.7	
NE	1.1	.7	.4	.0	.0	.0	.0	2.2		.0	.1	.2	.0	.0	38.1	
E	.1	.0	.1	.0	.0	.0	.0	.2		.0	.0	.0	.0	.0	6.2	
SE	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	1.6	
S	.0	.0	.0	.0	.0	.0	.0	.1		.0	.0	.0	.0	.0	1.9	
SW	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.4	
W	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.7	
NW	.2	.1	.2	.0	.0	.0	.0	.5		.0	.1	.1	.0	.0	5.6	
VAR	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	1.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	1.0	
TOT OBS	85	42	51	.0	.0	.0	.0	.0	176	1	.3	.9	.19	.0	241.1	2616
CT	3.2	1.6	1.9	.0	.0	.0	.0	6.7		.0	.0	.0	.0	.0	92.2	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN					FBG PCPN	SHRCC PCPN	HAZE PCPN	BLMG PCPN	SNOW MCA	
00403	5.1	1.1	1.5	.0	.0	.0	.0	7.7		.0	.5	.3	.0	.0	91.6	
06409	2.6	2.1	2.9	.0	.0	.0	.0	7.2		.0	.2	1.1	.0	.0	91.6	
12415	2.6	1.5	2.3	.0	.0	.0	.0	6.4		.1	.1	.7	.0	.0	92.5	
18421	2.8	1.9	1.0	.0	.0	.0	.0	5.7	178	.2	.6	.8	.0	.0	92.7	
TOT	86	43	51	.0	.0	.0	.0	.0	178	2	.9	.19	.0	.0	242.1	2629
PCT	3.3	1.6	1.9	.0	.0	.0	.0	6.8		.1	.3	.7	.0	.0	92.1	

PERIOD. 'PRIMARY' 1933-1971
(OVER-ALL) 1957-1971

JANUARY

AREA 0003 MHA TRANG
12.1N 109.6E

TABLE 3

PERCENTUAL- FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										TOTAL ØBS	PCT FREQ	MEAN SPD	HOUR (GMT)					15	18	21
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12							
N	1.0	9.8	18.4	8.9	2.2	.3	40.6	17.3	41.0	42.3	42.1	42.3	38.7	44.6	37.0	42.7					
NE	.6	9.8	19.5	8.5	1.4	.3	40.3	16.9	41.0	42.4	40.1	41.1	40.8	34.8	42.4	35.1					
E	.6	3.4	1.9	.4	.0	.0	6.3	10.5	3.9	4.5	6.2	6.6	8.5	4.7	7.4	6.0					
SE	.2	1.0	.4	.0	.0	.0	1.5	7.7	1.5	.6	1.2	.9	2.4	1.8	1.8	.7					
S	.2	1.5	.4	.0	.0	.0	2.2	8.5	1.9	.9	1.8	2.4	2.6	1.7	2.8	2.3					
SW	.1	.3	.1	.0	.0	.0	.5	9.6	.6	.9	.3	.0	.4	.6	.7	.5					
W	.3	3.4	2.1	.5	.1	.0	7	6.3	1.3	.0	.7	.7	.5	1.1	.5	.4					
NW	.0	.0	.0	.0	.0	.0	6.4	11.4	7.5	5.9	6.7	6.0	4.1	10.6	5.0	9.3					
VAR	1.6	1016	1458	627	130	22	3416	15.6	1.3	2.4	1.0	.0	.0	1.1	2.5	2.8					
TOT ØBS	163	1016	1458	627	130	22	3416	15.6	617	165	698	271	634	181	569	261					
TOT PCT	4.8	29.7	42.7	18.4	3.8	6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0					

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL ØBS	PCT FREQ		MEAN SPD	HOUR (GMT)				
	0-6	7-16	17-27	28-40	41+		FREQ	PCT		00	03	06	09	12
N	3.2	17.6	14.7	4.4	.7	40.6	17.3	41.3	42.1	40.0	38.9			
NE	3.3	17.4	15.3	3.6	.6	40.3	16.9	41.3	40.4	39.4	40.0			
E	1.8	3.4	1.0	.1	.0	6.3	10.5	4.1	6.3	7.7	6.9			
SE	.7	.7	1	.0	.0	1.5	7.7	1.3	1.1	2.0	1.5			
S	.8	1.3	.0	.0	.0	2.2	8.5	1.7	1.3	2.4	2.6			
SW	.1	.3	.1	.0	.0	.5	9.6	.7	.2	.4	.6			
W	.5	.2	.0	.0	.0	.7	6.3	1.1	.7	.6	.4			
NW	1.7	3.5	.9	.3	.0	6.4	11.4	7.1	6.5	5.6	6.4			
VAR	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CALM	1.6	1516	1098	290	46	3416	15.6	1.6	.0	.0	.0			
TOT ØBS	466	1516	1098	290	46	3416	15.6	782	969	815	850			
TOT PCT	13.5	44.4	32.1	8.5	1.3	100.0	100.0	100.0	100.0	100.0	100.0			

PERIOD (PRIMARY) 1933-1971
(OVER-ALL) 1957-1971

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AREA 0003 NHA TRANG
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TABLE 4
PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

	WIND CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47					
WIND	0403	1.5	3.1	29.9	43.9	17.6	3.2	.8	15.6	100.0	782
	0608	1.7	3.7	28.2	47.7	18.8	4.3	.6	16.0	100.0	969
	1215	1.8	2.7	30.2	41.8	18.9	4.2	.4	15.5	100.0	815
	1821	2.6	2.9	30.9	41.3	18.0	3.4	.8	15.3	100.0	850
TOT		56	107	1016	1458	627	130	22	15.6	100.0	3416
PCT		1.6	3.1	29.7	42.7	18.4	3.8	.6	15.6	100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8+	TOTAL	MEAN CLOUD COVER
N	5.0	6.4	15.7	13.3	40.4	3.7
NE	9.2	10.0	13.9	8.0	41.1	4.7
E	2.0	2.0	1.9	9.9	15.8	4.0
SE	8.8	2.6	6.2	2.2	19.8	3.7
S	1.1	4.4	5.5	2.2	13.2	3.3
SW	2.2	2.1	1.1	8.8	14.2	2.8
W	3.3	4.4	1.1	1.0	9.8	2.0
NW	9.9	1.0	1.5	1.4	13.8	5.2
VAR	0.0	0.0	0.0	0.0	0.0	0.0
CALM	5.0	3.4	6.3	3.3	18.0	4.4
TOT OBS	367	384	631	445	1827	5.0
TOT PCT	20.1	21.0	34.5	24.4	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH >478)
AND OCCURRENCE OF MH <578 BY WIND DIRECTION

	000	150	300	600	1000	2000	3500	5000	6500	8000+	MH <578	TOTAL
N	1.49	1.29	1.3	2.3	9.9	6.7	.8	.3	.8	.2	18.7	
NE	1.4	1.1	1.4	1.4	6.5	4.0	1.2	.6	.9	.2	25.3	
E	0.0	0.0	0.0	0.0	0.7	0.8	0.3	0.0	0.1	0.0	4.9	
SE	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.1	0.0	1.3	
S	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.1	0.1	0.0	1.5	
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.5	
W	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	.8	
NW	0.0	0.0	0.0	0.0	0.1	0.5	0.3	0.0	0.5	0.0	2.6	
VAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	
TOT OBS	14	4	13	71	332	226	57	20	44	7	1039	1827
TOT PCT	.8	2	1.7	3.9	18.2	12.4	3.1	1.1	2.4	.4	56.9	100.0

PERIOD. (PRIMARY) 1953-1971
(P ER-ALL) 1957-1971

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AREA 0003 MHA TRANG
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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NM > 4/8) AND VSOY (NM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	VSOY (NM) = OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	2 0	2 7	2 7	2 8	2 8	2 8	2 8	2 8
= OR > 5000	3 0	3 8	3 8	3 8	3 8	3 8	3 8	3 8
= OR > 3500	5 0	6 6	6 9	6 9	6 9	6 9	6 9	6 9
= OR > 2000	12 7	18 6	19 2	19 3	19 3	19 3	19 3	19 3
= OR > 1000	23 2	35 5	37 2	37 3	37 3	37 5	37 5	37 5
= OR > 600	24 9	38 3	40 7	41 1	41 1	41 3	41 3	41 3
= OR > 300	25 1	38 8	41 4	41 8	41 8	42 0	42 0	42 0
= OR > 150	25 2	39 0	41 6	42 0	42 0	42 2	42 2	42 2
= OR > 0	25 9	39 7	42 3	42 7	42 8	43 0	43 0	43 0
TOTAL	474	726	774	781	782	786	786	786

TOTAL NUMBER OF OBS: 1629

PCT FREQ NM (5/8)

57.0

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	00SC0	TOTAL OBS
5 4	0 5	17 7	12 7	12 7	12 2	8 6	12 0	6 2	16 4	2	1932

PERIOD: (PRIMARY) 1933-1971
(OVER-ALL) 1857-1971

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TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSDY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	2	1	2	0	0	0	0	0	0	0	0	1
NO PCP	3	2	2	0	0	0	0	0	0	0	0	1
TOT N	5	3	4	0	0	0	0	0	0	0	0	2
1/2<1	1	0	0	0	0	0	0	0	0	0	0	0
PCP	1	0	0	0	0	0	0	0	0	0	0	0
NO PCP	1	0	0	0	0	0	0	0	0	0	0	0
TOT N	2	0	0	0	0	0	0	0	0	0	0	0
1/2<1	2	1	2	0	0	0	0	0	0	0	0	0
PCP	3	2	2	0	0	0	0	0	0	0	0	0
NO PCP	3	2	2	0	0	0	0	0	0	0	0	0
TOT N	6	4	4	0	0	0	0	0	0	0	0	0
2<5	1	2	3	0	0	0	0	0	0	0	0	0
PCP	3	2	3	0	0	0	0	0	0	0	0	0
NO PCP	7	6	0	0	0	0	0	0	0	0	0	0
TOT N	10	8	3	0	0	0	0	0	0	0	0	0
5<10	1	6	9	1	0	0	0	0	0	0	0	0
PCP	8	7	6	2	0	1	3	1	1	0	0	0
NO PCP	10	4	7	2	0	1	3	1	0	0	0	0
TOT N	18	11	13	4	0	2	6	2	0	0	0	0
10+	27	4	31	4	1	4	0	2	0	0	0	0
PCP	28	0	32	3	1	4	0	4	0	0	0	0
NO PCP	28	0	32	3	1	4	0	4	0	0	0	0
TOT N	56	0	64	6	2	8	0	8	0	0	0	0
TOT OBS	40	8	40	5	1	1	0	6	0	1	3	2615
TOT PCT	40	8	40	5	1	1	0	6	0	1	3	100.0

TABLE 9
PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	M	MC	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	1	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	1	0	0	0	0	0	0	0	0	0	0	0
1/2<1	0-3	1	1	0	0	0	0	0	0	0	0	0	0
	4-10	1	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	1	0	0	0	0	0	0	0	0	0	0
	22+	1	0	0	0	0	0	0	0	0	0	0	0
	TOT	2	2	0	0	0	0	0	0	0	0	0	0
1<2	0-3	1	0	0	0	0	0	0	0	0	0	0	0
	4-10	2	1	0	0	0	0	0	0	0	0	0	0
	11-21	4	1	0	0	0	0	0	0	0	0	0	0
	22+	0	1	0	0	0	0	0	0	0	0	0	0
	TOT	6	3	0	0	0	0	0	0	0	0	0	0
2<5	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	3	3	0	0	0	0	0	0	0	0	0	0
	11-21	1	5	0	0	0	0	0	0	0	0	0	0
	22+	1	4	0	0	0	0	0	0	0	0	0	0
	TOT	5	12	0	0	0	0	0	0	0	0	0	0
5<10	0-3	4	1	1	0	0	0	0	0	0	0	0	0
	4-10	2	1	1	0	0	0	0	0	0	0	0	0
	11-21	4	3	2	0	0	0	0	0	0	0	0	0
	22+	3	5	2	0	0	0	0	0	0	0	0	0
	TOT	10	17	6	0	0	0	0	0	0	0	0	0
10+	0-3	6	4	6	2	1	1	1	2	0	0	0	0
	4-10	7	7	2	9	1	2	3	2	0	0	0	0
	11-21	13	16	1	2	2	1	1	1	0	0	0	0
	22+	6	7	0	0	0	0	0	0	0	0	0	0
	TOT	27	30	9	13	3	4	4	4	0	0	0	0
TOT OBS		41	40	63	15	19	4	7	6	5	0	1	2985
TOT PCT													

PERIOD. (PRIMARY) 1933-1971
(OVER-ALL) 1957-1971

JANUARY

ARFA 0003 MMA TRANC
12.1M 109.6C

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MM >4/8) AND
OCCURRENCE OF MM <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MM <5/8 ANY HGT	TOTAL
00403	149	299	599	999	1999	3499	4999	6499	7999				885
06409	10	2	6	3	9	18.4	3.7	1.4	2.5	2	45.4	54.6	485
12415	9	4	1	3.5	16.2	10.8	2.2	1.5	2.2	4	39.1	60.9	463
18421	4	2	0	3.8	15.0	11.0	2.9	9	2.2	2	37.5	62.5	448
TOT	14	4	13	71	332	226	57	20	44	7	788	1093	1881
PCT	7	2	7	30	17.7	12.0	3.0	1.1	2.3	.4	41.9	58.1	100.0

TABLE 11

PERCENT FREQUENCY VSBY (MM) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL
00403	4	0	2	2.1	19.0	78.3	474
06409	2	.2	.4	2.5	17.3	79.3	473
12415	2	0	4	3.1	22.9	73.3	449
18421	0	0	5	3.9	22.1	73.6	435
TOT	4	1	7	53	371	1395	1831
PCT	.2	.1	.4	2.9	20.3	76.2	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (MM) AND/OR
CEILING HGT (FEET-MM >4/8) BY HOUR

HOUR (GMT)	<150	<600	<1000	1000+	MM <5/8 AND 5+	TOTAL
00403	.6	2.1	7.4	39.0	53.6	474
06409	1.1	2.1	7.4	38.9	53.7	473
12415	.9	2.7	8.2	32.3	59.5	449
18421	.9	1.1	8.3	31.3	60.5	435
TOT	16	37	143	650	1038	1831
PCT	.9	2.0	7.6	35.5	56.7	100.0

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PERIOD: (PRIMARY) 1933-1971
(OVER-ALL) 1857-1971

AREA 0003 MHA TRMC
12.1M 109.6E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
90/94	.0	.0	.0	.0	.1	.1	.0	.0			3	.2
85/89	.0	.0	.1	.2	.4	.5	.3	.1			28	1.5
80/84	.0	.0	.0	.0	.2	1.9	6.4	1.4			283	15.4
75/79	.0	.0	.0	.0	.2	2.7	16.1	26.1			1120	61.0
70/74	.0	.0	.0	.0	.0	1.6	4.4	8.6			394	21.4
65/69	.0	.0	.0	.0	.0	.0	.1	.3			9	.5
TOTAL	.0	.0	.1	1.0	2.1	5.07	75.0	44.6			1837	100.0
PCT	.0	.0	.1	.5	6.6	27.6	40.8	24.4				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	NW	VAR	CALM	
.0	.1	.0	.1	.2	.0	.0	.0	.0	.0	
.5	.5	.1	.2	.2	.0	.0	.1	.0	.0	
3.4	7.9	1.9	.5	.6	.1	.2	.5	.0	.0	
24.0	26.6	4.2	.9	1.3	.3	.5	2.5	.0	.6	
12.2	5.9	.5	.2	.1	.1	.2	1.5	.0	.7	
.3	.0	.0	.0	.0	.0	.1	.1	.0	.0	
40.4	41.1	6.7	1.9	2.2	.5	.8	4.7	.0	1.6	

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											TOTAL OBS
MAX	95%	90%	85%	80%	75%	70%	65%	60%	55%	50%	
88	84	81	77	72	70	67	76.6	76.6	76.6	76.6	768
90	86	84	78	73	70	68	78.4	78.4	78.4	78.4	928
88	83	81	77	72	70	68	76.5	76.5	76.5	76.5	792
87	81	79	75	72	70	68	75.6	75.6	75.6	75.6	845
90	86	82	77	72	70	67	76.8	76.8	76.8	76.8	3333

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											TOTAL OBS
0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN			
.0	.2	.2	.3	.6	24.1	42.3	29.7	.4			468
.0	2.0	12.1	38.0	34.9	13.0	8.0	46.1				461
.0	.2	6.6	25.6	45.4	22.2	8.3	45.4				454
.0	.0	3.9	23.0	40.7	32.4	8.5	46.0				460
.0	.1	1.1	12.1	51.0	75.2	44.9	8.3				1843

PERIOD: (PRIMARY) 1933-1971
(OVER-ALL) 1857-1971

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12.1M 109.6C

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	65	69	73	77	81	85	89	93	TOT	M	W8
	68	72	76	80	84	88	92		FOG		FOG
20/22	.0	.0	.0	.0	.0	.0	.0	.0	1	.0	.0
17/19	.0	.0	.0	.0	.0	.0	.0	.0	2	.0	.1
14/16	.0	.0	.0	.0	.0	.0	.0	.0	6	.0	.3
11/13	.0	.0	.0	.0	.2	.4	.0	.0	20	.0	.8
9/10	.0	.0	.0	.2	.4	.2	.1	.0	22	.0	.9
7/8	.0	.0	.1	.5	.8	.5	.0	.0	44	.0	1.8
6	.0	.0	.1	.7	.6	.1	.0	.0	34	.0	1.4
5	.0	.0	.3	1.5	1.2	.2	.0	.0	75	.0	3.1
4	.0	.0	.5	2.1	1.3	.1	.0	.0	97	.0	4.1
3	.0	.0	1.3	2.4	.9	.0	.0	.0	109	.0	4.6
2	.0	.3	2.9	6.1	2.0	.0	.0	.0	270	.0	11.3
1	.0	.7	8.6	4.1	1.7	.0	.0	.0	205	.1	8.5
0	.0	.3	4.3	4.8	1.2	.0	.0	.0	447	.1	18.6
-1	.0	.2	1.6	3.1	.4	.0	.0	.0	235	.0	9.6
-2	.0	.8	3.2	2.4	.1	.0	.0	.0	310	.1	12.9
-3	.0	.8	3.7	1.8	.1	.0	.0	.0	158	.0	6.6
-4	.0	.2	1.7	2.0	.0	.0	.0	.0	174	.0	7.3
-5	.0	.6	.8	.3	.0	.0	.0	.0	89	.0	3.7
-6	.0	.5	.8	.2	.0	.0	.0	.0	42	.0	1.8
-7/-8	.0	.5	.8	.2	.0	.0	.0	.0	36	.0	1.5
-9/-10	.0	.2	.3	.1	.0	.0	.0	.0	14	.0	.6
-11/-13	.0	.0	.1	.0	.0	.0	.0	.0	4	.0	.2
TOTAL									2394		
PCT	.4	7.2	39.1	41.4	10.0	1.6	.3		100.0	.4	99.6

PERIOD: (OVER-ALL) 1963-1971

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AREA 0002 MHA TRANG
12.1N 109.6E

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	M										NE									
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+
1-2	.0	.0	.0	.0	.0	.0	2.0	.2	1.2	.1	.0	.0	.0	1.3	.2	1.2	.1	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	9.5	.1	5.2	.1	.0	.0	.0	9.4	.1	5.2	.1	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	5.4	.0	1.4	.0	.0	.0	.0	12.4	.0	1.4	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	4.4	.0	.4	.0	.0	.0	.0	7.5	.0	.4	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	2.2	.0	.1	.0	.0	.0	.0	4.1	.0	.1	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0
TOT PCT	.9	8.4	16.4	6.0	2.9	.7	38.0	.4	6.5	21.0	9.6	2.0	.4	41.8	.4	6.5	21.0	9.6	2.0	.4

HGT	E										SE									
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+
1-2	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-15	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.4	3.7	3.1	.7	.0	.0	7.9	.1	2.0	.4	.0	.0	.0	2.6	.1	2.0	.4	.0	.0	.0

PERIOD: (OVER-ALL) 1963-1971

JANUARY
TABLE 18

AREA 0003, NWA TRANC
12.1M 109.6E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	0	5	1	0	0	0	5	0	2	0	0	0	0	0
3-4	1	1	1	0	0	0	1.7	0	0	0	0	0	0	0
5-6	0	2	1	0	0	0	2	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-11	0	1	0	0	0	0	1	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33-40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61-70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71-86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOT PCT	1	2	1	0	0	0	2.5	0	3	0	0	0	0	0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	0	4	0	0	0	0	3	0	1.6	0	0	0	0	0
3-4	1	0	0	0	0	0	1.6	0	0	0	0	0	0	0
5-6	0	0	0	0	0	0	1	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33-40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61-70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71-86	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87+	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOT PCT	1	8	2	0	0	0	10	0	2.4	1.6	0	0	0	0

PERIOD: (OVER-ALL) 1963-1971

JANUARY

AREA 0003 NHA TRANG
12.1N 109.6E

TABLE 18 (CONT)

WGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	0	0	0	0		
1-2	2	6	7	0	1	0	0	0	0	0	9.7	
3-4	9	16.5	11.4	0	0	0	0	0	0	0	28.7	
5-6	3	3.6	16.4	5.0	0	0	0	0	0	0	29.3	
7	1	1	8.4	4.0	2	0	0	0	0	0	13.4	
8-9	0	2	1.8	2.7	6	0	0	0	0	0	8.7	
10-11	0	0	1.5	1.5	1.1	1	1	1	1	1	5.2	
12	0	0	0	0	1.3	0	1	0	1	0	1.8	
13-15	0	1	3	1	0	0	1	2	3	1	2.3	
17-19	0	0	0	0	0	0	1	2	6	9	9	
20-22	0	0	0	0	0	0	2	2	1	3	6	
23-25	0	0	0	0	0	0	0	0	0	0	0	
26-32	0	0	0	0	0	0	0	0	0	0	0	
33-40	0	0	0	0	0	0	0	0	0	0	0	
41-48	0	0	0	0	0	0	0	0	0	0	0	
49-60	0	0	0	0	0	0	0	0	0	0	0	
61-70	0	0	0	0	0	0	0	0	0	0	0	
71-86	0	0	0	0	0	0	0	0	0	0	0	
87+	0	0	0	0	0	0	0	0	0	0	0	
TOT PCT	3.9	20.2	42.6	19.3	5.0	1.0	100.0					1239

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	41	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
6	3	1	19.0	5.8	3.2	2.0	1.2	1.2	7	1	0	0	0	0	0	0	0	0	0	790	3
6-7	0	2.1	4.9	6.2	3.8	2.1	1.2	1.2	9	2	1	1	1	1	0	0	0	0	0	350	6
8-9	0	3	1.2	1.4	1.8	1.9	1.1	1.1	6	4	1	0	0	0	0	0	0	0	0	148	8
10-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0
12-13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	11
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	14
IMDET	3	1	1.6	1.3	1.8	1.1	1	1	2	1	3	1	1	0	0	0	0	0	0	156	4
TOTAL	96	363	368	236	163	118	73	40	55	13	9	4	1	0	0	0	0	0	0	1539	5
PCT	6.2	23.6	23.9	15.3	10.6	7.7	4.7	2.6	3.6	8	1.6	.3	.1	.1	.0	.0	.0	.0	.0	100.0	

PERIOD (PRIMARY) 1928-1971
(OVER-ALL) 1857-1971

FEBRUARY

AREA 0003 MIA TRANG
12.1N 109.7E

TABLE 1															AREA 0003		12.1M		109.7E	
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION																				
WMO DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR LYNG	OTHER WEATHER PHENOMENA				TOTAL OBS				
				FRZG PCPN	SNOW PCPN	OTHER FRZM PCPN	FOG PCPN					SMOKE PCPN	DUST PCPN	BLWG PCPN	SNOW PCPN		SEA			
N	8	4	4	0	0	0	0	0	1	7	0	1	7	0	1	35	9			
NE	2	2	2	0	0	0	0	0	1	2	0	1	2	0	0	34	9			
E	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	6			
SE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SW	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
W	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
NW	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
VAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
TOT OBS	26	19	15	0	0	0	0	0	0	60	2	0	22	1	0	1067	1959			
TOT PCT	1.3	1.0	0.8	0	0	0	0	0	3	1	0	0	1.1	1	1	95.3				

TABLE 2																
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR																
HOUR (GMT)	RAIN SHWR	RAIN SHWR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR LYNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZM PCPN					FOG PCPN	SMOKE PCPN	DUST PCPN	BLWG PCPN	SNOW PCPN	
0000	1.5	1.3	.6	.0	.0	.0	.0	3.5	.0	.0	1.0	1.0	.0	.0	.0	94.6
0600	.8	.6	.6	.0	.0	.0	.0	2.0	.0	.0	.6	1.0	.2	.0	.0	95.3
1200	1.4	1.2	.8	.0	.0	.0	.0	3.4	.0	.0	.0	1.6	.0	.0	.0	94.8
1800	1.8	1.7	1.1	.0	.0	.0	.0	3.5	.0	.0	.0	2.0	.0	.0	.0	96.3
TOT	1.27	1.19	0.8	0.0	0.0	0.0	0.0	3.1	61	2	0	23	1	1	1073	1967
PCT	1.4	1.0	.8	0	0	0	.0	3.1		.1	4	12	.1	.1	.1	95.2

PERIOD (PRIMARY) 1928-1971
(OVER-ALL) 1957-1971

AREA 0003 MHA TRANG
12.1M 109.7E

TABLE 3
PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)						40+	TOTAL 00S	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	00					03	06	09	12	15	18	21	
N	1	10	8	17	5	7	0	37	1	15	40	38	38	33	40	32	39	32
NE	1	10	6	16	2	5	0	34	1	14	31	27	35	39	37	29	33	32
E	1	10	4	9	1	6	0	34	1	14	7	6	5	7	8	7	10	25
SE	6	3	0	1	3	1	0	7	7	8	2	2	5	7	9	10	10	8
S	5	3	0	1	0	1	0	4	4	6	4	2	5	7	6	10	10	8
SW	4	9	1	0	0	0	0	4	4	8	4	6	5	4	6	5	3	2
W	7	3	0	1	0	0	0	1	6	4	2	4	1	1	2	5	1	2
NW	7	3	4	2	5	3	0	16	4	4	2	6	2	7	5	1	2	2
VAR	2	4	1	0	0	0	0	6	9	10	7	6	10	7	4	2	5	7
CALM	2	4	1	0	0	0	0	1	1	1	0	0	2	0	0	0	0	0
TOT 00S	230	1012	1061	359	37	0	2699	24	12	19	14	23	12	12	29	40	47	254
TOT PCT	8	37	39	13	1	4	0	100	0	476	146	521	253	486	139	424	254	100

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL 00S	PCT		HOUR (GMT)		10	15	21		
	0-6	7-16	17-27	28-40	FREQ			MEAN SPO	00	03						
N	5	2	17	3	11	9	2	37	15	39	38	37	30	38	6	33
NE	5	2	15	6	11	7	2	34	14	30	1	37	35	35	33	3
E	3	2	3	9	4	1	7	7	8	6	9	6	2	8	6	9
SE	2	2	1	8	1	0	4	1	6	2	7	4	1	5	4	9
S	1	9	2	3	2	0	0	4	5	5	2	5	1	3	3	4
SW	1	7	7	0	0	0	0	1	4	6	7	2	6	9	1	5
W	1	1	4	0	0	0	0	1	6	7	2	6	1	0	9	1
NW	2	1	3	6	1	1	0	6	9	10	6	8	3	6	5	9
VAR	1	0	0	0	0	0	0	1	3	5	0	1	1	2	0	0
CALM	2	4	1	0	0	0	0	2	4	0	0	0	0	0	0	0
TOT 00S	657	1232	684	116	4	2699	100	12	19	14	23	12	12	29	40	47
TOT PCT	24	45	25	4	0	0										
										100	100	100	100	100	100	100

PERIOD (PRIMARY) 1920-1971 AREA 0003 MHA TRNG
(OVER-ALL) 1857-1971 12.1M 109.7E

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)										
HOUR	CALM	1-3			4-10			WIND SPEED (KNOTS)		
		1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT	
0003	1 8	7 6	36 5	40 2	13 0	1 0	0	12.7	100 0	
0609	1 9	5 4	38 3	38 2	14.7	1 4	0	13 0	100 0	
1215	1 8	4 8	39 9	37 8	13 6	2 1	0	13 2	100 0	
1821	4 3	6 5	35 7	41 3	11 7	1 0	0	12 3	100 0	
TOT	66	193	1011	1061	359	37	0	12 6	100 0	
PCT	2 4	6 0	37 5	39 4	13 3	1 4	0		100 0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION									
WIND DIR	0-2		3-4		5-7		8 &		TOTAL
	0-2	3-4	5-7	8 &	0-2	3-4	5-7	8 &	
MC	7 8	8 6	14 6	8 3	5 0	4 2	3 8	2 3	MEAN
EC	10 5	10 2	12 6	4 2	4 2	3 8	2 3	2 3	CLOUD
SC	2 9	2 2	2 8	5 0	3 8	2 3	2 3	2 3	COVER
SM	1 7	9 6	5 1	1 1	3 3	4 1	4 1	4 9	
W	2 5	5 3	3 1	0 0	4 1	4 1	4 1	4 9	
NW	2 5	5 3	3 1	0 0	4 1	4 1	4 1	4 9	
VAR	1 7	7 2	0 1	2 0	0 0	0 0	0 0	0 0	
CALM	1 1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
TOT OBS	307	290	410	171	178	178	178	178	
TOT PCT	26.1	24.6	34.8	14.5	100.0	100.0	100.0	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT-MH >470) AND OCCURRENCE OF MH 5-8 BY WIND DIRECTION													
WIND DIR	0-2		3-4		5-7		8 &		9-10		11-12		TOTAL
	0-2	3-4	5-7	8 &	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	
MC	1 1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 1
EC	1 1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 1
SC	1 1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 1
SM	1 1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 1
W	1 1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 1
NW	1 1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 1
VAR	1 1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 1
CALM	1 1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 1
TOT OBS	307	290	410	171	178	178	178	178	178	178	178	178	1178
TOT PCT	26.1	24.6	34.8	14.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1920-1971
(OVER-ALL) 1857-1971

FEBRUARY

AREA 0003 MHA TRANG
12.1M 109.7E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MH > 4/8) AND VSOY (MH)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	VSOY (MH) = OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
= OR > 5000	1.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
= OR > 3500	3.8	5.9	6.0	6.0	6.0	6.0	6.0	6.0
= OR > 2000	13.8	18.7	18.8	18.8	18.8	18.8	18.8	18.8
= OR > 1000	23.3	31.4	31.9	32.0	32.0	32.0	32.0	32.0
= OR > 600	26.1	34.9	35.6	35.7	35.7	35.7	35.7	35.7
= OR > 300	26.3	35.5	36.2	36.3	36.3	36.3	36.3	36.3
= OR > 150	26.3	35.5	36.2	36.3	36.3	36.3	36.3	36.3
= OR > 0	26.8	36.2	36.9	37.0	37.0	37.0	37.0	37.0
TOTAL	316	426	435	436	436	436	436	436

TOTAL NUMBER OF OBS: 1170

PCT FREQ MH < 5/8: 63.0

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL OBS
	6.6	9.7	20.8	14.9	11.8	9.1	10.9	6.8	9.5	.0	1259																					

PERIOD: (PRIMARY) 1928-1971
(OVER-ALL) 1857-1971

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AREA 0003 NMA TRANG
12.1N 100.7E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSDY (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.1	.0	0	0	0	0	0	.1	0	0	.1	
NO PCP	0	1	0	0	0	0	0	.1	0	0	.1	
TOT N	1	.1	.0	0	0	0	0	.1	0	0	.2	
PCP	0	1	0	0	0	0	0	0	0	0	.1	
NO PCP	0	0	0	0	0	0	0	0	0	0	0	
TOT N	0	.1	0	0	0	0	0	0	0	0	.1	
PCP	1	1	0	0	0	0	0	0	0	0	.2	
NO PCP	.1	0	0	0	0	0	0	.1	0	0	.2	
TOT N	.2	1	0	0	0	0	0	.1	0	0	.3	
PCP	3	.1	.1	0	0	0	0	.1	0	0	.5	
NO PCP	1	.2	1	0	0	0	0	.3	0	0	1.8	
TOT N	1	.3	.1	0	0	0	0	.4	0	0	2.3	
PCP	7	.3	0	0	0	.1	.3	.2	0	0	1.2	
NO PCP	8	5.0	7	.4	.5	.2	.3	1.8	0	0	17.3	
TOT N	8	5.3	7	.4	.5	.2	.3	2.0	0	0	18.5	
PCP	.6	3	.1	0	0	0	0	.1	0	0	1.0	
NO PCP	27.2	29.9	6.9	3.0	3.0	1.0	1.3	3.9	.1	1.4	77.7	
TOT N	27.7	30.2	7.0	3.0	3.0	1.0	1.3	4.0	.1	1.4	78.7	
TOT OBS												1959
TOT PCT	38.4	35.9	7.7	3.5	3.5	1.3	1.6	6.5	.1	1.5	100.0	

AREA 0003 NWA TRANG
12 IN 109.7C

TABLE 9

FREQUENCY REQD OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

[illegible]

PERIOD (PRIMARY) 1928-1971
 (OVER-ALL) 1857-1971

FEBRUARY

AREA 0003 MHA TRANG
 12.1M 109.7E

TABLE 10
 PERCENT FREQUENCY OF CEILING HEIGHTS (FEET.MH >4/8) AND
 OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000	150	300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400	TOTAL	MH <5/8 ANY HOUR	TOTAL
00403	6	0	1.2	4.1	15.1	14.0	5.2	.3	1.7	.0	42.2	57.8	344							
06409	3	0	.3	2.6	14.3	12.3	4.2	1.0	.6	0	35.7	64.3	308							
12415	13	0	7	3.0	10.4	11.8	2.4	.3	2.0	.0	32.0	68.0	297							
18421	.3	0	.3	4.1	10.0	10.7	2.4	.3	1.7	.3	30.2	69.8	291							
TOT	3	0	8	43	156	152	45	6	19	1	438	802	1240							
PCT	.6	0	.6	3.5	12.6	12.3	3.6	.5	1.5	.1	35.3	64.7	100.0							

TABLE 11

PERCENT FREQUENCY VS0Y (MH) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL
00403	0	0	.0	.6	17.2	82.1	319
06409	0	0	.0	.3	13.6	86.1	295
12415	0	0	.0	1.4	16.8	81.8	285
18421	0	0	.4	1.8	15.4	82.4	279
TOT	0	0	1	12	186	979	1178
PCT	0	0	.1	1.0	15.8	83.1	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VS0Y (MH) AND/OR
 CEILING HGT (FEET.MH >4/8) BY HOUR

HOUR (GMT)	<150 (<5070)	<600 (<1000)	<1000 (<5000)	<1000 AND 5+	TOTAL
00403	.6	1.9	6.6	38.5	54.9
06409	.3	.7	3.7	33.6	62.7
12415	1.4	2.1	6.0	27.4	66.7
18421	.4	.7	7.2	25.1	67.7
TOT	8	16	69	370	1178
PCT	.7	1.4	5.9	31.4	62.7

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PERIOD (PRIMARY) 1928-1971
(OVER-ALL) 1857-1971

AREA 0003 MHA TRANG
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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
90-94	0	0	0	0	0	0	0	0	0	0	3	1.2
85-89	0	0	0	0	0	0	0	0	0	0	20	1.6
80-84	0	0	0	0	0	0	0	0	0	0	193	15.8
75-79	0	0	0	0	0	0	0	0	0	0	735	60.0
70-74	0	0	0	0	0	0	0	0	0	0	252	20.6
65-69	0	0	0	0	0	0	0	0	0	0	22	1.8
TOTAL	0	0	0	0	0	0	0	0	0	0	1225	100.0
PCT	0	0	0	0	0	0	0	0	0	0		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											
N	NE	E	SE	S	SW	W	NW	VAR	CALM		
1	1	0	0	0	0	0	0	0	0		
3	0	1	2	1	0	1	0	0	0		
29	8	2	3	4	2	0	5	0	1		
213	25	4	2	1	0	9	2	2	1		
130	4	1	5	1	2	0	3	2	0		
13	2	0	0	0	0	0	0	0	0		
39	0	0	1	2	6	1	5	1	2		

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										TOTAL OBS
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN		
00403	88	85	82	77	71	69	68	76	8	601
06409	90	87	84	79	73	70	56	78	6	743
12415	89	85	82	77	72	69	68	76	8	612
18421	85	81	80	76	71	69	66	75	7	679
TOT	90	86	82	77	72	69	66	77	0	2635

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										TOTAL OBS
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	
00403	0	0	0	0	3	3	39	50	5	885
06409	0	1	3	8	9	41	41	7	6	334
12415	0	0	0	4	8	24	46	23	8	302
18421	0	0	0	2	3	19	47	30	8	290
TOT	0	0	0	5	59	342	537	288	83	1231

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	65	69	73	77	81	85	89	TOT	W	W	W
	68	72	76	80	84	88	92		FOG	FOG	FOG
17/19	.0	.0	.0	.0	.0	.0	.1	2	.0	.0	.1
14/16	.0	.0	.0	.0	.0	.1	.0	1	.0	.0	.1
11/13	.0	.0	.1	.3	.2	.2	.2	13	.0	.0	.7
9/10	.0	.0	.0	.1	.4	.3	.1	16	.1	.0	.8
7/8	.0	.1	.0	1.3	1.1	.4	.0	53	.0	.0	3.0
6	.0	.0	.4	1.6	1.3	.1	.0	25	.0	.0	1.4
5	.0	.0	.5	1.1	1.2	.4	.0	57	.0	.0	3.2
4	.0	.0	1.1	2.8	1.7	.2	.0	105	.0	.0	5.9
3	.0	.1	1.1	2.0	.9	.2	.0	76	.1	.0	4.2
2	.0	.1	3.4	4.5	2.0	.1	.0	180	.2	.0	9.8
1	.0	.5	2.5	4.0	.9	.1	.0	142	.1	.0	7.9
0	.0	1.1	7.3	9.3	2.1	.1	.0	354	.1	.0	19.7
-1	.0	1.7	3.6	4.9	.4	.1	.0	175	.0	.0	9.8
-2	.1	1.6	6.6	5.9	.5	.0	.0	262	.0	.0	14.6
-3	.2	1.7	1.7	1.7	.3	.0	.0	79	.0	.0	4.4
-4	.1	1.7	3.4	1.7	.2	.0	.0	126	.1	.0	7.0
-5	.1	.9	1.6	1.0	.0	.0	.0	66	.0	.0	3.7
-6	.1	.3	.3	.3	.0	.0	.0	20	.0	.0	1.1
-7/-8	.0	.4	.8	.4	.0	.0	.0	28	.0	.0	1.6
-9/-10	.0	.2	.3	.0	.0	.0	.0	9	.0	.0	.5
-11/-13	.0	.1	.2	.0	.0	.0	.0	4	.0	.0	.2
TOTAL								1793	.4	.0	99.6
PCT	.5	8.3	34.6	41.7	12.4	2.1	.3	100.0			

PERIOD - (COVER-ALL) 1963-1971 FEBRUARY AREA 0003 NHA TRANG 12.1N 109.7E

TABLE 10 PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	0	1.8	0	0	0	0	1.8	.3	1.7	.1	.3	0	0	2.1
1-2	.4	2.7	7.0	0	0	0	10.1	.4	4.0	4.9	.0	0	0	9.4
3-4	0	1.6	9.9	1.5	0	0	12.9	.1	2.2	8.8	1.3	0	0	12.5
5-6	0	0	3.0	2.2	.1	0	5.6	.0	0	5.5	1.4	0	0	7.6
7	0	0	1.1	1.9	.2	0	3.2	.0	.5	2.0	1.6	0	0	4.1
8-9	0	0	0	1.4	.6	0	2.9	.0	0	.7	1.3	0	0	2.0
10-11	0	0	0	0	.3	0	1.1	.0	0	.3	1.0	.5	0	1.8
12	0	0	0	0	.3	0	.3	.0	0	.0	.3	.4	0	.3
13-16	0	0	0	0	0	0	1.1	.0	0	.0	.3	.4	0	.4
17-19	0	0	0	0	0	0	0	.0	0	.0	.3	.4	0	.1
20-22	0	0	0	0	0	0	0	.0	0	.0	.3	.4	0	.1
23-25	0	0	0	0	0	0	0	.0	0	.0	.3	.4	0	.1
26-32	0	0	0	0	0	0	0	.0	0	.0	.3	.4	0	.0
33-40	0	0	0	0	0	0	0	.0	0	.0	.3	.4	0	.0
41-48	0	0	0	0	0	0	0	.0	0	.0	.3	.4	0	.0
49-60	0	0	0	0	0	0	0	.0	0	.0	.3	.4	0	.0
61-70	0	0	0	0	0	0	0	.0	0	.0	.3	.4	0	.0
71-86	0	0	0	0	0	0	0	.0	0	.0	.3	.4	0	.0
87+	0	0	0	0	0	0	0	.0	0	.0	.3	.4	0	.0
TOT PCT	7	6.3	21.0	8.5	1.9	.0	39.0	.8	9.1	22.4	7.4	.7	.0	40.4

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	0	1.2	0	0	0	0	1.4	.1	1.7	.0	.0	0	0	.0
1-2	3	1.9	1.0	0	0	0	3.1	.1	1.0	.3	.0	0	0	1.5
3-4	0	1.5	1.6	0	0	0	3.1	.0	.1	.0	.0	0	0	.1
5-6	0	0	0	1	0	0	.9	.0	.0	.0	.0	0	0	.0
7	0	0	0	.1	0	0	.1	.0	.0	.0	.0	0	0	.0
8-9	0	0	0	0	0	0	.1	.0	.0	.0	.0	0	0	.0
10-11	0	0	0	0	0	0	.2	.0	.0	.0	.0	0	0	.0
12	0	0	0	0	0	0	.0	.0	.0	.0	.0	0	0	.0
13-16	0	0	0	0	0	0	.1	.0	.0	.0	.0	0	0	.0
17-19	0	0	0	0	0	0	.0	.0	.0	.0	.0	0	0	.0
20-22	0	0	0	0	0	0	.0	.0	.0	.0	.0	0	0	.0
23-25	0	0	0	0	0	0	.0	.0	.0	.0	.0	0	0	.0
26-32	0	0	0	0	0	0	.0	.0	.0	.0	.0	0	0	.0
33-40	0	0	0	0	0	0	.0	.0	.0	.0	.0	0	0	.0
41-48	0	0	0	0	0	0	.0	.0	.0	.0	.0	0	0	.0
49-60	0	0	0	0	0	0	.0	.0	.0	.0	.0	0	0	.0
61-70	0	0	0	0	0	0	.0	.0	.0	.0	.0	0	0	.0
71-86	0	0	0	0	0	0	.0	.0	.0	.0	.0	0	0	.0
87+	0	0	0	0	0	0	.0	.0	.0	.0	.0	0	0	.0
TOT PCT	5	4.9	3.3	2	1	.0	9.0	3	1.8	.3	0	.0	.0	2.4

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PERIOD: (OVER-ALL) 1963-1971

TABLE 10

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT 41 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	S					SM					48+					PCT					
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
41	.0	.4	.0	.0	.0	.0	.4	.0	.3	.0	.0	.0	.0	.3	.0	.3	.0	.0	.0	.0	.3
1-2	.1	.8	.0	.0	.0	.0	.9	.2	.4	.0	.0	.0	.0	.2	.0	.4	.0	.0	.0	.0	.2
3-4	.0	.2	.2	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0
5-6	.0	.0	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.1	1.4	.4	.0	.0	.0	1.8	.2	.7	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0

HGT 41 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	M					MM					48+					PCT					
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
41	.1	.2	.0	.0	.0	.0	.4	.1	.7	.1	.0	.0	.0	.1	.0	.8	.2	.0	.0	.0	1.0
1-2	.1	.1	.0	.0	.0	.0	.2	.1	.8	.2	.0	.0	.0	.2	.0	.5	.1	.1	.0	.0	1.2
3-4	.0	.1	.0	.0	.0	.0	.1	.0	.5	1.1	.1	.0	.0	.1	.0	.1	.4	.1	.0	.0	1.7
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	.5	.0	.0	.0	.0	.7	.3	2.0	2.0	.5	.1	.0	.4	.0	.1	.0	.0	.0	.0	4.9

PERIOD: (OVER-ALL) 1963-1971

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TABLE 18 (CONT)

WGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	48+	48+	48+	48+	PCT
1-2	2.3	7.1	.3	.0	.0	.0	.0	.0	.0	.0	9.7
3-4	1.5	11.7	13.3	.0	.0	.0	.0	.0	.0	.0	26.5
5-6	.1	6.2	21.5	3.0	.0	.0	.0	.0	.0	.0	30.8
7	.0	1.3	9.4	3.9	.1	.0	.0	.0	.0	.0	14.7
8-9	.0	.5	3.1	3.6	.3	.0	.0	.0	.0	.0	7.5
10-11	.0	.0	1.7	2.7	.6	.0	.0	.0	.0	.0	5.0
12	.0	.0	.4	1.8	.9	.0	.0	.0	.0	.0	3.1
13-16	.0	.0	.1	.1	.5	.0	.0	.0	.0	.0	.9
17-19	.0	.0	.1	1.2	.4	.0	.0	.0	.0	.0	1.7
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	4.0	26.8	49.5	16.5	2.8	0	100.0	0	100.0	0	776

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																TOTAL	MEAN WGT
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41			
1-6	2.6	17.8	19.6	6.6	2.7	1.4	.9	.1	.5	.1	.0	.0	.0	.0	.0	523		
6-7	.0	1.4	5.3	5.4	3.3	1.9	1.3	.8	.3	.1	.0	.0	.0	.0	.0	197		
8-9	.0	.5	1.1	2.1	1.7	1.8	.8	.6	.9	.0	.0	.0	.0	.0	.0	95		
10-11	.0	.1	.6	.0	.6	.7	.8	.1	.6	.1	.0	.0	.0	.0	.0	43		
12-13	.0	.0	.2	.0	.1	.1	.0	.1	.1	.0	.2	.0	.0	.0	.0	7		
13	.0	.0	.0	.0	.1	.1	.0	.1	.0	.2	.0	.0	.0	.0	.0	11		
INDCT	4.4	2.8	2.5	1.2	.8	1.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	130		
TOTAL	7.0	22.6	29.3	15.3	9.4	7.0	4.1	1.6	2.8	.3	.2	.2	.0	.1	.0	999		
PCT	7.0	22.6	29.3	15.3	9.4	7.0	4.1	1.6	2.8	.3	.2	.2	.0	.1	.0	100.0		

PERIOD: (PRIMARY) 1930-1971
(OVER-ALL) 1867-1971

MARCH

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TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THDR LTNG - PCPN	OTHER WEATHER PHENOMENA				TOTAL OBS			
				FRZG PCPN	SNOW	OTHER PCPN	HAZE BLWG					DUST SIG	W0 HAZE	BLWG	SNOW W0				
N	.5	.5	.2	.0	.0	.0	.0	.0	1.2		.0	.2	.9						
NE	.2	.2	.2	.0	.0	.0	.0	.0	.7		.0	.1	.6						
E	.0	.0	.1	.0	.0	.0	.0	.0	.1			.0	.1						
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0			.0	.1						
S	.0	.0	.0	.0	.0	.0	.0	.0	.0			.0	.2						
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0			.0	.3						
W	.0	.0	.0	.0	.0	.0	.0	.0	.0			.0	.3						
NW	.1	.1	.0	.0	.0	.0	.0	.0	.2		.0	.0	.2						
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.2						
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0						
TOT OBS	22	25	16	.0	.0	.0	.0	.0		62	.4	21	116						2699
TOT PCT	.8	.9	.6	.0	.0	.0	.0	.0	2.3		.1	.9	4.3						92.4

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR				OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN	LYNG				FOG WG	SMOKE HAZE	DUST BLWG	NO SIG					
00403	1.0	1.2	.3	.0	.0	.0	.0	.0	2.4		.0	.9	5.0			.1	91.5		
06409	1.0	.6	.9	.0	.0	.0	.0	.0	2.4		.1	.9	3.9			.0	92.7		
12415	.7	.9	.4	.0	.0	.0	.0	.0	2.1		.4	.6	4.3			.0	92.6		
18421	.5	1.1	.8	.0	.0	.0	.0	.0	2.1		.0	1.1	3.8			.0	92.9		
TOT	22	25	16	.0	.0	.0	.0	.0		62	.4	23	116			1	251.5		
PCT	.8	.9	.6	.0	.0	.0	.0	.0	2.3		.1	.9	4.3			.1	92.4	272.1	

PERIOD: (PRIMARY) 1920-1971
(OVER-ALL) 1867-1971

MARCH

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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12	15	18	21		
N	.9	8.9	12.1	2.9	.1	.0	25.0	13.2	29.3	23.1	27.7	22.7	25.3	23.2	22.0	19.9			
NE	1.2	10.8	12.0	2.3	.1	.0	26.4	12.5	25.1	22.7	28.8	26.9	30.8	17.1	28.2	19.9			
E	1.2	6.3	1.4	.1	.0	.0	9.0	7.5	7.5	5.2	7.9	10.8	11.2	9.2	8.3	8.4			
SE	1.6	6.2	2.5	.2	.0	.0	10.5	8.1	6.7	14.6	9.8	17.6	12.4	11.1	8.8	8.1			
S	1.9	7.4	4.1	.1	.0	.0	13.5	8.9	11.2	19.3	12.9	12.9	11.9	14.5	14.9	16.1			
SW	.7	2.5	1.2	.1	.0	.0	4.5	8.4	5.3	3.0	2.7	1.9	3.1	7.7	5.8	9.1			
W	.4	1.4	1.2	.0	.0	.0	3.9	6.0	4.6	1.5	.9	.4	1.9	2.6	2.3	2.1			
NW	.7	2.6	1.8	.1	.0	.0	5.3	9.8	6.9	5.5	5.5	4.3	1.9	9.0	3.6	9.3			
VAR	.0	.0	.0	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CALM	3.9	1698	1296	211	12	0	3680	10.3	3.3	5.2	3.8	2.6	2.5	5.7	4.6	6.1			
TOT OBS	463	46.1	35.2	5.7	.3	.0	100.0	10.3	634	194	732	351	629	212	569	359			
TOT PCT	12.6	46.1	35.2	5.7	.3	.0	100.0	10.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)					
	0-6	7-16	17-27	28-40	41+	TOTAL	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18	21
N	4.3	13.1	7.0	.6	.0	25.0	13.2	27.8	27.8	26.1	24.8	21.2	21.2	21.2	21.2	21.2
NE	4.7	14.7	6.3	.6	.0	26.4	12.5	24.5	24.5	28.2	27.3	25.0	25.0	25.0	25.0	25.0
E	4.8	3.8	.5	.0	.0	9.0	7.5	7.0	7.0	8.8	10.7	9.7	9.7	9.7	9.7	9.7
SE	2.0	4.6	1.9	.0	.0	10.5	8.1	8.6	8.6	12.3	12.0	8.5	8.5	8.5	8.5	8.5
S	2.0	2.3	1.1	.0	.0	13.5	8.9	13.1	13.1	12.9	12.5	15.3	15.3	15.3	15.3	15.3
SW	2.0	2.3	.3	.0	.0	4.5	8.4	4.8	4.8	2.4	4.3	7.1	7.1	7.1	7.1	7.1
W	1.3	.6	.0	.0	.0	3.9	6.0	3.9	3.9	1.3	1.3	2.2	2.2	2.2	2.2	2.2
NW	1.8	2.7	.8	.1	.0	5.3	9.8	6.6	6.6	5.1	3.7	5.8	5.8	5.8	5.8	5.8
VAR	.0	.0	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	3.9	1807	519	47	.0	3680	10.3	3.7	3.7	3.4	3.3	5.2	5.2	5.2	5.2	5.2
TOT OBS	1207	49.1	16.8	1.3	.0	100.0	10.3	628	628	1083	841	928	928	928	928	928
TOT PCT	32.8	49.1	16.8	1.3	.0	100.0	10.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1930-1971
(OVER-ALL) 1867-1971

MARCH

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12-1M 109.6E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT
								FREQ	TOTAL
00403	3.7	10.7	48.7	31.6	4.0	.4	.0	9.6	100.0
06409	3.4	7.7	43.6	39.2	6.0	.2	.0	10.8	100.0
12415	3.3	8.1	45.8	35.9	6.7	.2	.0	10.6	100.0
18421	5.2	8.5	47.2	33.2	5.4	.5	.0	10.1	100.0
TOT	1.4	31.9	1698	1296	211	12	.0	10.3	3680
PCT	3.9	8.7	48.1	35.2	5.7	.3	.0	10.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION						
WIND DIR	0-2	3-4	5-7	8 & 0850	TOTAL 085	MEAN CLOUD COVER
N	6.5	5.2	7.2	5.0		4.5
NE	8.5	7.5	6.7	3.0		3.9
E	4.5	2.8	2.0	3.0		3.1
SE	6.9	2.5	2.0	5.0		2.7
S	6.7	2.8	2.3	1.0		2.6
SW	2.9	1.0	1.8	.2		3.1
W	1.4	5.0	1.7	3.0		3.3
NW	1.3	8.0	1.6	9.0		4.5
VAR	1.0	0.0	0.0	0.0		.0
CALM	1.9	9.0	7.0	2.0		2.7
TOT 085	712	418	438	104	1752	3.6
TOT PCT	40.6	23.9	25.0	10.5	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH 1/4/8) AND OCCURRENCE OF MH 45/8 BY WIND DIRECTION												
	000	150	299	300	500	599	1000	2000	3500	5000	6500	8000+
	149	299	599	999	1999	3499	4999	7999	ANY	ANY	ANY	ANY
000	1	0	.3	.6	2.8	5.1	.5	.2	.1	.1	.1	14.4
149	.0	.1	.1	.8	2.6	2.1	.4	.1	.1	.1	.1	19.5
150	.0	.0	1	.2	.5	.5	.1	.0	.0	.0	.0	8.2
299	.0	.0	0	.1	.1	.3	.1	.0	.0	.0	.0	11.3
300	.0	.0	.0	.0	.4	.7	.1	.0	.0	.0	.0	10.6
500	.0	.0	.0	.0	.2	.5	.2	.0	.0	.0	.0	5.0
599	.0	.0	.0	.1	1	.2	.3	.1	.0	.0	.0	2.3
1000	.0	.0	.0	.1	.6	.8	.1	.0	.0	.0	.0	2.9
2000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3500	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6500	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8000+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ANY	.1	.1	.6	1.9	7.5	10.6	1.4	.1	.4	.1	.1	77.2
TOTAL	1752	1752	1752	1752	1752	1752	1752	1752	1752	1752	1752	100.0

PERIOD (PRIMARY) 1950-1971
(OVER-ALL) 1967-1971

MARCH

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM > 4/8) AND VSOY (MM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	VSOY (MM)	= OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >2500	4	5	5	.5	.5	.5	.5	.5	.5
= OR >5000	5	6	6	.6	.6	.6	.6	.6	.6
= OR >7500	15	19	12	2.0	2.0	2.0	2.0	2.0	2.0
= OR >2000	86	122	12.5	12.5	12.5	12.5	12.5	12.5	12.5
= OR >1000	137	193	20.0	20.0	20.0	20.0	20.0	20.0	20.0
= OR >600	146	211	21.9	22.0	22.0	22.0	22.0	22.0	22.0
= OR >300	149	216	22.5	22.5	22.5	22.5	22.5	22.5	22.5
= OR >150	149	217	22.5	22.6	22.6	22.6	22.6	22.6	22.6
= OR >0	150	218	22.7	22.7	22.7	22.7	22.7	22.7	22.7
TOTAL	265	385	400	401	401	401	401	401	401

TOTAL NUMBER OF OBS: 1763

PCT FREQ MM (5/8): 77.3

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	TOTAL
14.7	13.6	26.2	14.5	8.3	5.8	7.3	2.9	6.8
								0.0
								1043

PERIOD: (PRIMARY) 1930-1971
(OVER-ALL) 1867-1971

MARCH

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TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OF NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	PCP	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
	NO PCP	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
	TOT %	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
2<5	PCP	.4	.2	.0	.0	.0	.0	.1	.0	.0	.0	.6
	NO PCP	.4	.2	.0	.0	.0	.0	.1	.0	.0	.0	.6
	TOT %	.8	.4	.0	.0	.0	.0	.2	.0	.0	.0	1.2
5<10	PCP	.5	.2	.1	.0	.0	.0	.1	.0	.0	.0	.9
	NO PCP	.5	.2	.1	.0	.0	.0	.1	.0	.0	.0	.9
	TOT %	1.0	.4	.2	.0	.0	.0	.2	.0	.0	.0	1.8
10+	PCP	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.6
	NO PCP	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.6
	TOT %	.6	.4	.2	.0	.0	.0	.0	.0	.0	.0	1.2
TOT OBS		25.4	25.7	9.3	11.1	13.3	4.9	2.3	4.8	.0	3.3	100.0
TOT PCT		25.4	25.7	9.3	11.1	13.3	4.9	2.3	4.8	.0	3.3	100.0

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PERIOD: (PRIMARY) 1930-1971
(OVER-ALL) 1867-1971

MARCH

AREA 0003 MMA TRANG
12.1M 109.6E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSAY (MM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
1/2<1	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	1	1	0	0	0	0	0	0	0	0	0	0
	11-21	1	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	2	1	0	0	0	0	0	0	0	0	0	0
1<2	0-3	1	0	0	0	0	0	0	0	0	0	0	0
	4-10	1	0	0	0	0	0	0	0	0	0	0	0
	11-21	3	1	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	5	3	0	0	0	0	0	0	0	0	0	0
2<5	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	1	3	0	0	0	0	0	0	0	0	0	0
	11-21	7	5	0	0	0	0	0	0	0	0	0	0
	22+	3	1	0	0	0	0	0	0	0	0	0	0
	TOT	21	9	1	0	0	0	0	0	0	0	0	0
5<10	0-3	2	3	1	1	2	2	1	2	0	1	3	2
	4-10	2	1	5	8	8	4	3	7	0	0	0	0
	11-21	2	9	2	5	6	1	0	6	0	0	0	0
	22+	1	0	0	0	0	0	0	0	0	0	0	0
	TOT	6	4	8	14	17	7	4	15	0	1	3	18
10+	0-3	6	9	9	12	12	5	4	6	0	2	3	8
	4-10	5	8	5	5	6	2	1	3	0	0	0	0
	11-21	8	9	12	22	35	12	1	11	0	0	0	0
	22+	1	6	2	2	0	0	0	0	0	0	0	0
	TOT	16	20	8	9	11	3	1	3	0	2	3	76
TOT OBS		25	26	9	10	13	4	2	5	0	3	6	310
TOT PCT		25.7	26.0	9.0	10.7	13.2	4.6	2.2	5.1	0	3.6	100.0	

AREX 0003 NHA TRANG
12.1N 109.6E

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, MM) 4/8) AND
OCCURRENCE OF MM (5/8 BY HOUR

YEAR	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MM 45% ANY MG.	TOTAL BDS
1999	299	599	999	1999	3999	4999	6499	7999	8999	10999	12999	14999	16999
2000	2	0	1.0	1.7	7.8	12.4	1.5	.0	.4	.4	25.4	74.6	477
2001	0	2	.4	2.2	7.1	9.5	1.1	.2	.2	.0	21.0	79.0	462
2002	2	0	0	1.6	7.4	8.3	1.3	.2	.4	.0	19.6	80.4	445
2003	2	0	.7	2.0	6.6	10.7	1.4	.0	.5	.0	22.0	78.0	440
2004	3	1	10	34	132	187	24	2	7	2	402	1422	1824
2005	2	.1	.5	1.9	7.2	10.3	1.3	.1	.4	.1	22.0	78.0	100.0

PERCENT FREQUENCY VS BY (NM) BY HOUR

MOUR (GMT)	1/2	1/2+1	1+2	2+5	5+10	10+	TOTAL 005
00403	0	0	.2	1.3	16.1	82.4	459
06409	0	.0	.0	1.1	16.4	82.5	451
12415	0	0	0	.7	21.0	78.3	428
18421	0	.0	.0	1.2	21.9	76.9	425
TOT	0	0	1	19	331	1412	1763
PCT	0	.0	1	11	188	801	1000

CUMULATIVE PCT FREQ OF RANGES OF VSOY (MM) AND/OR
CEILING HGT (FEET.MH > 4/8) .0Y HOUR

MBUR (GMT)	<150 (50 YD)	<600 (1	<1000 (5	1000+ AND 5+	NH 45/8 AND 5+	TOTAL 88
00403	.2	1.3	4.1	22.0	73.9	459
06409	.0	.7	3.8	16.0	76.3	451
12415	.2	.2	2.6	18.0	79.4	418
18421	.2	.9	4.2	19.1	76.7	423
TOT	3	14	65	340	1350	1763
PCT	.2	.8	3.7	19.3	77.0	100.0

MARCH

PERIOD: (PRIMARY) 1930-1971
(OVER-ALL) 1867-1971

AREA 0003 NHA TRANG
(2.1N 109.6E)

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT PREC
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
90/94	.0	.0	.0	.1	1.4	.3	.1	.0			14	.8
85/89	.0	.0	.0	.1	1.9	3.0	1.2	.1			108	6.3
80/84	.0	.0	.0	.1	3.0	16.1	16.4	5.1			737	42.7
75/79	.0	.0	.0	.0	.5	10.6	20.9	11.7			753	43.7
70/74	.0	.0	.0	.0	.1	.4	2.4	3.4			109	6.3
65/69	.0	.0	.0	.0	.0	.0	.0	.2			3	.2
TOTAL	.0	.0	.0	.3	5.9	32.4	41.0	20.4			1724	100.0
PCT	.0	.0	.0	.3	5.9	32.4	41.0	20.4				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
N	NE	E	SE	S	SW	W	NW	VAR	CALM
.1	.1	.1	1.1	.2	.1	.1	.1	.0	.0
.7	1.9	.9	1.2	.6	.3	.1	.1	.0	.3
5.3	11.5	5.0	6.9	6.8	3.8	.9	1.0	.0	1.5
13.3	12.2	3.2	3.6	3.3	1.8	1.7	2.2	.0	2.4
3.6	1.4	.1	.0	.1	.0	.1	1.0	.0	.1
.1	.1	.0	.0	.0	.0	.0	.1	.0	.0
23.1	27.1	9.2	11.9	11.2	6.0	2.8	4.3	.0	4.4

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR									
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00403	92	90	86	79	73	71	69	79.2	797
06409	94	90	87	81	75	72	68	81.2	1052
12415	92	89	85	79	73	70	68	79.2	815
18421	85	83	82	78	73	70	69	77.7	925
TOT	94	90	86	79	73	71	68	79.4	3589

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR									
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN OBS
00403	.0	.2	.2	.2	5.8	28.3	41.1	24.5	83
06409	.0	.9	.9	.9	14.6	44.9	31.2	8.3	78
12415	.0	.0	.0	.0	1.7	34.1	45.9	18.3	83
18421	.0	.0	.0	.0	.7	22.8	46.7	29.8	85
TOT	.0	.5	.5	.5	10.1	56.7	71.7	35.3	82
									1743

MARCH
TABLE 18

AREA 0003, NVA TRANC
12.1N 109.6E

PERIOD (OVER-ALL) 1963-1971

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	4	1	1	0	0	0	2.4	.4	2.1	1.1	.0	.0	0	2.6
3-4	2	2	5	0	0	0	3.1	.2	3.6	3.6	.0	.0	0	7.4
5-6	0	1	2	1	0	0	8.2	.2	2.4	6.7	1.0	.0	0	10.3
7	0	2	2	6	1	0	2.9	.1	2	3.0	.5	.2	0	4.6
8-9	0	1	1	9	0	0	2.0	.0	.0	1.5	.0	.0	0	2.0
10-11	0	1	1	4	0	0	.5	.0	.0	.3	.2	.0	0	.9
12	0	0	0	2	0	0	.2	.0	.0	.4	.0	.0	0	.6
13-16	0	0	0	1	0	0	1	.0	.0	.1	.1	.1	0	.2
17-19	0	0	0	1	0	0	.1	.0	.0	.0	.0	.0	0	.5
20-22	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
23-25	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
26-32	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
33-40	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
41-48	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
49-60	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
61-70	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
71-86	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
87+	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
TOT PCT	.6	6.2	14.0	3.5	1	.0	24.5	.9	8.3	16.4	3.2	.3	0	29.1

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	3	2	1	0	0	0	2.4	.5	2.5	2.8	.0	.0	0	3.0
3-4	0	1	5	1	0	0	4.0	.1	2.7	.0	.0	.0	0	5.6
5-6	0	0	2	1	0	0	1.9	.5	1.0	.1	.0	.0	0	2.1
7	0	0	1	0	0	0	.0	.0	.0	.0	.0	.0	0	.1
8-9	0	0	1	1	0	0	.1	.0	.0	.0	.0	.0	0	.0
10-11	0	0	0	0	0	0	.1	.0	.0	.0	.0	.0	0	.0
12	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
13-16	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
17-19	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
20-22	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
23-25	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
26-32	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
33-40	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
41-48	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
49-60	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
61-70	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
71-86	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
87+	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	0	.0
TOT PCT	.7	6.0	1.7	.3	0	0	8.6	1.1	6.2	3.2	.3	0	0	10.8

MARCH

TABLE 18

PERIOD: (OVER-ALL) 1963-1971

AREA 0003 MHA TRAMG
12.1M 109.5E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT (1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	S										M									
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+
TOT PCT	1.0	5.9	5.0	.1	.0	.0	12.0	.4	3.1	2.1	.0	.0	.0	5.6	.4	3.1	2.1	.0	.0	.0
1-3	.6	1.6	.2	.0	.0	.0	2.4	.4	1.8	.1	.0	.0	.0	1.6	.4	1.8	.1	.0	.0	.0
4-10	.4	3.7	2.7	.0	.0	.0	6.0	.0	1.1	1.7	.0	.0	.0	1.7	.0	1.1	.6	.0	.0	.0
11-21	.0	.5	1.0	.1	.0	.0	2.4	.0	.2	.3	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0
22-33	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.5	1.9	.0	.0	.0	.0	2.3	1.1	.7	.0	.0	.0	.0	1.6	1.1	.7	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.5	2.0	.1	.0	.0	.0	2.6	1.1	1.8	1.5	.2	.0	.0	4.6	.0	1.8	1.5	.2	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.5	2.0	.1	.0	.0	.0	2.6	1.1	1.8	1.5	.2	.0	.0	4.6	.0	1.8	1.5	.2	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

PERIOD (OVER-ALL) 1963-1971 MARCM MARCM 0003 MAR 1966
12 1M 109 6C

TABLE 18 (CONT.)

WIND SPEED (KTS)	VS SEA HEIGHT (FT)	40+	48+	56+	64+	72+	80+	88+	96+	104+	112+	120+	128+	136+	144+	152+	160+	168+	176+	184+	192+	200+	208+	216+	224+	232+	240+	248+	256+	264+	272+	280+	288+	296+	304+	312+	320+	328+	336+	344+	352+	360+	368+	376+	384+	392+	400+	408+	416+	424+	432+	440+	448+	456+	464+	472+	480+	488+	496+	504+	512+	520+	528+	536+	544+	552+	560+	568+	576+	584+	592+	600+	608+	616+	624+	632+	640+	648+	656+	664+	672+	680+	688+	696+	704+	712+	720+	728+	736+	744+	752+	760+	768+	776+	784+	792+	800+	808+	816+	824+	832+	840+	848+	856+	864+	872+	880+	888+	896+	904+	912+	920+	928+	936+	944+	952+	960+	968+	976+	984+	992+	1000+	1008+	1016+	1024+	1032+	1040+	1048+	1056+	1064+	1072+	1080+	1088+	1096+	1104+	1112+	1120+	1128+	1136+	1144+	1152+	1160+	1168+	1176+	1184+	1192+	1200+	1208+	1216+	1224+	1232+	1240+	1248+	1256+	1264+	1272+	1280+	1288+	1296+	1304+	1312+	1320+	1328+	1336+	1344+	1352+	1360+	1368+	1376+	1384+	1392+	1400+	1408+	1416+	1424+	1432+	1440+	1448+	1456+	1464+	1472+	1480+	1488+	1496+	1504+	1512+	1520+	1528+	1536+	1544+	1552+	1560+	1568+	1576+	1584+	1592+	1600+	1608+	1616+	1624+	1632+	1640+	1648+	1656+	1664+	1672+	1680+	1688+	1696+	1704+	1712+	1720+	1728+	1736+	1744+	1752+	1760+	1768+	1776+	1784+	1792+	1800+	1808+	1816+	1824+	1832+	1840+	1848+	1856+	1864+	1872+	1880+	1888+	1896+	1904+	1912+	1920+	1928+	1936+	1944+	1952+	1960+	1968+	1976+	1984+	1992+	2000+	2008+	2016+	2024+	2032+	2040+	2048+	2056+	2064+	2072+	2080+	2088+	2096+	2104+	2112+	2120+	2128+	2136+	2144+	2152+	2160+	2168+	2176+	2184+	2192+	2200+	2208+	2216+	2224+	2232+	2240+	2248+	2256+	2264+	2272+	2280+	2288+	2296+	2304+	2312+	2320+	2328+	2336+	2344+	2352+	2360+	2368+	2376+	2384+	2392+	2400+	2408+	2416+	2424+	2432+	2440+	2448+	2456+	2464+	2472+	2480+	2488+	2496+	2504+	2512+	2520+	2528+	2536+	2544+	2552+	2560+	2568+	2576+	2584+	2592+	2600+	2608+	2616+	2624+	2632+	2640+	2648+	2656+	2664+	2672+	2680+	2688+	2696+	2704+	2712+	2720+	2728+	2736+	2744+	2752+	2760+	2768+	2776+	2784+	2792+	2800+	2808+	2816+	2824+	2832+	2840+	2848+	2856+	2864+	2872+	2880+	2888+	2896+	2904+	2912+	2920+	2928+	2936+	2944+	2952+	2960+	2968+	2976+	2984+	2992+	3000+	3008+	3016+	3024+	3032+	3040+	3048+	3056+	3064+	3072+	3080+	3088+	3096+	3104+	3112+	3120+	3128+	3136+	3144+	3152+	3160+	3168+	3176+	3184+	3192+	3200+	3208+	3216+	3224+	3232+	3240+	3248+	3256+	3264+	3272+	3280+	3288+	3296+	3304+	3312+	3320+	3328+	3336+	3344+	3352+	3360+	3368+	3376+	3384+	3392+	3400+	3408+	3416+	3424+	3432+	3440+	3448+	3456+	3464+	3472+	3480+	3488+	3496+	3504+	3512+	3520+	3528+	3536+	3544+	3552+	3560+	3568+	3576+	3584+	3592+	3600+	3608+	3616+	3624+	3632+	3640+	3648+	3656+	3664+	3672+	3680+	3688+	3696+	3704+	3712+	3720+	3728+	3736+	3744+	3752+	3760+	3768+	3776+	3784+	3792+	3800+	3808+	3816+	3824+	3832+	3840+	3848+	3856+	3864+	3872+	3880+	3888+	3896+	3904+	3912+	3920+	3928+	3936+	3944+	3952+	3960+	3968+	3976+	3984+	3992+	4000+	4008+	4016+	4024+	4032+	4040+	4048+	4056+	4064+	4072+	4080+	4088+	4096+	4104+	4112+	4120+	4128+	4136+	4144+	4152+	4160+	4168+	4176+	4184+	4192+	4200+	4208+	4216+	4224+	4232+	4240+	4248+	4256+	4264+	4272+	4280+	4288+	4296+	4304+	4312+	4320+	4328+	4336+	4344+	4352+	4360+	4368+	4376+	4384+	4392+	4400+	4408+	4416+	4424+	4432+	4440+	4448+	4456+	4464+	4472+	4480+	4488+	4496+	4504+	4512+	4520+	4528+	4536+	4544+	4552+	4560+	4568+	4576+	4584+	4592+	4600+	4608+	4616+	4624+	4632+	4640+	4648+	4656+	4664+	4672+	4680+	4688+	4696+	4704+	4712+	4720+	4728+	4736+	4744+	4752+	4760+	4768+	4776+	4784+	4792+	4800+	4808+	4816+	4824+	4832+	4840+	4848+	4856+	4864+	4872+	4880+	4888+	4896+	4904+	4912+	4920+	4928+	4936+	4944+	4952+	4960+	4968+	4976+	4984+	4992+	5000+	5008+	5016+	5024+	5032+	5040+	5048+	5056+	5064+	5072+	5080+	5088+	5096+	5104+	5112+	5120+	5128+	5136+	5144+	5152+	5160+	5168+	5176+	5184+	5192+	5200+	5208+	5216+	5224+	5232+	5240+	5248+	5256+	5264+	5272+	5280+	5288+	5296+	5304+	5312+	5320+	5328+	5336+	5344+	5352+	5360+	5368+	5376+	5384+	5392+	5400+	5408+	5416+	5424+	5432+	5440+	5448+	5456+	5464+	5472+	5480+	5488+	5496+	5504+	5512+	5520+	5528+	5536+	5544+	5552+	5560+	5568+	5576+	5584+	5592+	5600+	5608+	5616+	5624+	5632+	5640+	5648+	5656+	5664+	5672+	5680+	5688+	5696+	5704+	5712+	5720+	5728+	5736+	5744+	5752+	5760+	5768+	5776+	5784+	5792+	5800+	5808+	5816+	5824+	5832+	5840+	5848+	5856+	5864+	5872+	5880+	5888+	5896+	5904+	5912+	5920+	5928+	5936+	5944+	5952+	5960+	5968+	5976+	5984+	5992+	6000+	6008+	6016+	6024+	6032+	6040+	6048+	6056+	6064+	6072+	6080+	6088+	6096+	6104+	6112+	6120+	6128+	6136+	6144+	6152+	6160+	6168+	6176+	6184+	6192+	6200+	6208+	6216+	6224+	6232+	6240+	6248+	6256+	6264+	6272+	6280+	6288+	6296+	6304+	6312+	6320+	6328+	6336+	6344+	6352+	6360+	6368+	6376+	6384+	6392+	6400+	6408+	6416+	6424+	6432+	6440+	6448+	6456+	6464+	6472+	6480+	6488+	6496+	6504+	6512+	6520+	6528+	6536+	6544+	6552+	6560+	6568+	6576+	6584+	6592+	6600+	6608+	6616+	6624+	6632+	6640+	6648+	6656+	6664+	6672+	6680+	6688+	6696+	6704+	6712+	6720+	6728+	6736+	6744+	6752+	6760+	6768+	6776+	6784+	6792+	6800+	6808+	6816+	6824+	6832+	6840+	6848+	6856+	6864+	6872+	6880+	6888+	6896+	6904+	6912+	6920+	6928+	6936+	6944+	6952+	6960+	6968+	6976+	6984+	6992+	7000+	7008+	7016+	7024+	7032+	7040+	7048+	7056+	7064+	7072+	7080+	7088+	7096+	7104+	7112+	7120+	7128+	7136+	7144+	7152+	7160+	7168+	7176+	7184+	7192+	7200+	7208+	7216+	7224+	7232+	7240+	7248+	7256+	7264+	7272+	7280+	7288+	7296+	7304+	7312+	7320+	7328+	7336+	7344+	7352+	7360+	7368+	7376+	7384+	7392+	7400+	7408+	7416+	7424+	7432+	7440+	7448+	7456+	7464+	7472+	7480+	7488+	7496+	7504+	7512+	7520+	7528+	7536+	7544+	7552+	7560+	7568+	7576+	7584+	7592+	7600+	7608+	7616+	7624+	7632+	7640+	7648+	7656+	7664+	7672+	7680+	7688+	7696+	7704+	7712+	7720+	7728+	7736+	7744+	7752+	7760+	7768+	7776+	7784+	7792+	7800+	7808+	7816+	7824+	7832+	7840+	7848+	7856+	7864+	7872+	7880+	7888+	7896+	7904+	7912+	7920+	7928+	7936+	7944+	7952+	7960+	7968+	7976+	7984+	7992+	8000+	8008+	8016+	8024+	8032+	8040+	8048+	8056+	8064+	8072+	8080+	8088+	8096+	8104+	8112+	8120+	8128+	8136+	8144+	8152+	8160+	8168+	8176+	8184+	8192+	8200+	8208+	8216+	8224+	8232+	8240+	8248+	8256+	8264+	8272+	8280+	8288+	8296+	8304+	8312+	8320+	8328+	8336+	8344+	8352+	8360+	8368+	8376+	8384+	8392+	8400+	8408+	8416+	8424+	8432+	8440+	8448+	8456+	8464+	8472+	8480+	8488+	8496+	8504+	8512+	8520+	8528+	8536+	8544+	8552+	8560+	8568+	8576+	8584+	8592+	8600+	8608+	8616+	8624+	8632+	8640+	8648+	8656+	8664+	8672+	8680+	8688+	8696+	8704+	8712+	8720+	8728+	8736+	8744+	8752+	8760+	8768+	8776+	8784+	8792+	8800+	8808+	8816+	8824+	8832+	8840+	8848+	8856+	8864+	8872+	8880+	8888+	8896+	8904+	8912+	8920+	8928+	8936+	8944+	8952+	8960+	8968+	8976+	8984+	8992+	9000+	9008+	9016+	9024+	9032+	9040+	9048+	9056+	9064+	9072+	9080+	9088+	9096+	9104+	9112+	9120+	9128+	9136+	9144+	9152+	9160+	9168+	9176+	9184+	9192+	9200+	9208+	9216+	9224+	9232+	9240+	9248+	9256+	9264+	9272+	9280+	9288+	9296+	9304+	9312+	9320+	9328+	9336+	9344+	9352+	9360+	9368+	9376+	9384+	9392+	9400+	9408+	9416+	9424+	9432+	9440+	9448+	9456+	9464+	9472+	9480+	9488+	9496+	9504+	9512+	9520+	9528+	9536+	9544+	9552+	9560+	9568+	9576+	9584+	9592+	9600+	9608+	9616+	9624+	9632+	9640+	9648+	9656+	9664+	9672+	9680+	9688+	9696+	9704+	9712+	9720+	9728+	9736+	9744+	9752+	9760+	9768+	9776+	9784+	9792+	9800+	9808+	9816+	9824+	9832+	9840+	9848+	9856+	9864+	9872+	9880+	9888+	9896+	9904+	9912+	9920+	9928+	9936+	9944+	9952+	9960+	9968+	9976+	9984+	9992+	10000+	10008+	10016+	10024+	10032+	10040+	10048+	10056+	10064+	10072+	10080+	10088+	10096+	10104+	10112+	10120+	10128+	10136+	10144+	10152+	10160+	10168+	10176+	10184+	10192+	10200+	10208+	10216+	10224+	10232+	10240+	10248+	10256+	10264+	10272+	10280+	10288+	10296+	10304+	10312+	10320+	10328+	10336+	10344+	10352+	10360+	10368+	10376+	10384+	10392+	10400+	10408+	10416+	10424+	10432+	10440+	10448+	10456+	10464+	10472+	10480+	10488+	10496+	10504+	10512+	10520+	10528+	10536+	10544+	10552+	10560+	10568+	10576+	10584+	10592+	10600+	10608+	10616+	10624+	10632+	10640+	10648+	10656+	10664+	10672+	10680+	10688+	10696+	10704+	10712+	10720+	10728+	10736+	10744+	10752+	10760+	10768+	10776+	10784+	10792+	10800+	10808+	10816+	10824+	10832+	10840+	10848+	10856+	10864+	10872+	10880+	10888+	10896+	10904+	10912+	10920

PERIOD: (PRIMARY) 1929-1971
(OVER-ALL) 1857-1971

APRIL

AREA 0003 MNA TRANC
12.1M 109.7E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHWR	ORZL PCPN	PRECIPITATION TYPE FRZG SMOG OTHER PCPN	MAIL PCPN	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	OTHER WEATHER PHENOMENA					TOTAL 00S
							THOR LTNG	FGG W0	SMOKE W0	DUST W0	SIG W0	
N	.4	.1	.0	.0	.0	.7	.2	.0	1.4	.0	12.5	
NE	.1	.0	.0	.0	.0	.3	.2	.0	.6	.0	19.2	
E	.1	.0	.0	.0	.0	.2	.2	.0	.2	.0	13.5	
SE	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	14.8	
S	.0	.0	.0	.0	.0	.1	.1	.1	1.1	.0	18.4	
SW	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	5.4	
W	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	1.4	
NW	.2	.0	.0	.0	.0	.3	.0	.0	.5	.0	3.4	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.1	.0	.0	.0	.0	.1	.0	.0	.6	.0	3.3	
TOT 00S	24	16	4	0	2	44	22	6	148	2	2413	2632
TOT PCT	.8	.6	.2	.0	.0	1.7	.8	.2	5.6	.1	91.7	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHWR	ORZL PCPN	PRECIPITATION TYPE FRZG SMOG OTHER PCPN	MAIL PCPN	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	OTHER WEATHER PHENOMENA					TOTAL 00S
							THOR LTNG	FGG W0	SMOKE W0	DUST W0	SIG W0	
00003	1.1	.7	.1	.0	.0	1.9	.0	.3	6.4	.3	91.1	
06009	.8	.6	.0	.0	.0	1.4	.2	.2	7.0	.0	91.5	
12015	.6	.6	.2	.0	.0	1.4	1.0	.2	4.0	.0	92.6	
18021	1.1	.5	.3	.0	.0	1.8	2.3	.3	4.1	.0	91.8	
TOT	24	16	4	0	2	44	22	6	148	2	2426	2645
PCT	.9	.6	.2	.0	.0	1.7	.8	.2	5.6	.1	91.7	

PERIOD: (PRIMARY) 1929-1971
 (OVER-ALL) 1957-1971

APRIL

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

AREA 0003 MHA TRNG
 12.1M 109.7E

WIND DIR	WIND SPEED (KNOTS)										40+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					10	21
	0-3	4-10	11-21	22-33	34-47	00	03	06	09	12											
N	1.1	6.1	6.0	9	#	15.6	10.3	16.4	11.4	12.0	12.5	13.1	13.0								
NE	1.4	10.0	7.1	5	#	19.4	10.2	19.2	20.3	24.2	19.0	19.4	13.7								
E	1.9	9.1	2.2	1	0	11.7	10.2	17.0	24.3	15.6	15.9	15.7	13.7								
SE	2.3	10.9	2.6	1	0	12.4	12.6	15.0	22.1	20.0	16.7	15.7	14.6								
S	2.1	11.6	6.6	1	0	10.4	27.9	20.0	22.4	13.9	10.1	19.0	22.0								
SW	1.7	3.0	1.7	0	0	9.6	4.5	5.4	5.4	3.4	5.4	16.1	7.9								
W	.4	.9	.2	#	0	2.6	.6	1.8	3.2	.8	1.3	1.4	2.9								
NW	.5	2.4	.9	0	0	5.1	5.2	3.9	3.0	2.0	7.1	2.0	7.9								
VAR	.0	.0	.0	0	0	.0	.0	.0	.0	.0	.0	.0	.0								
CALM	4.6	.0	.0	.0	.0	4.7	4.4	5.3	1.0	2.0	5.1	6.0	7.7								
TOT OBS	542	2012	980	74	2	680	103	734	307	558	156	635	325								
TOT PCT	15.0	55.6	27.5	2.0	.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0								

PERIOD: (PRIMARY) 1929-1971
(OVER-ALL) 1957-1971

APRIL

AREA 0003 MHA TRANG
12.1M 10W.7E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT
00403	4.6	11.7	56.0	25.6	2.1	.0	.0	8.5	100.0
06409	4.0	11.0	56.2	26.3	2.4	.0	.0	8.6	100.0
12415	2.7	9.4	53.6	32.2	2.0	.1	.0	9.2	100.0
18421	6.6	9.4	56.3	26.0	1.7	.1	.0	8.4	100.0
TOT	165	377	2012	988	74	2	.0	2.6	100.0
PCT	4.6	10.4	55.6	27.3	2.0	.1	.0		

TOTAL

863

1041

754

960

3618

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (CIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & 0850	TOTAL 085	MEAN CLOUD COVER
N	3.2	3.4	6.1	2.3	4.7	4.7
NE	5.9	6.9	6.7	1.1	3.9	3.9
E	5.1	4.9	4.0	.7	3.5	3.5
SE	6.7	4.7	4.0	.6	3.3	3.3
S	10.0	4.4	3.5	.4	2.8	2.8
SW	2.8	1.5	1.3	.1	2.9	2.9
W	.5	.4	1.7	.2	4.2	4.2
NW	.4	.6	1.9	.3	5.2	5.2
VAR	.0	.0	1.0	.0	.0	.0
CALM	1.8	.8	1.3	.6	3.6	3.6
TOT 085	662	500	533	116	1811	
TOT PCT	36.6	27.6	29.4	6.4	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH >4/8)
AND OCCURRENCE OF MH <5/8 BY WIND DIRECTION

	000	150	300	600	1000	2000	3500	5000	6500	8000+	MH <5/8	TOTAL
	149	299	599	999	1999	3499	4999	6499	7999	ANY HGT	085	085
N	.2	.0	.3	.4	1.6	2.6	.2	.0	.2	.0	9.5	
NE	.1	.0	.2	.4	1.7	1.6	.4	.0	.2	.0	15.9	
E	.0	.1	.1	.1	1.0	.5	.2	.1	.1	.0	12.5	
SE	.0	.0	.0	.1	.2	.7	.2	.4	.5	.1	13.7	
S	.0	.0	.0	.0	.6	.7	.1	.1	.5	.1	16.1	
SW	.0	.0	.0	.1	.2	.3	.1	.1	.2	.0	4.7	
W	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	1.4	
NW	.0	.0	.0	.0	.5	.9	.1	.1	.1	.1	1.7	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.4	.8	.1	.0	.1	.0	3.2	
TOT 085	6	1	12	21	116	152	25	13	34	5	1426	1811
TOT PCT	.3	.1	.7	1.2	6.4	3.4	1.4	.7	1.9	.3	78.7	100.0

PERIOD: (PRIMARY) 1929-1971
(OVER-ALL) 1957-1971

APRIL

AREA 0003 MHA TRNG
12.1M 109.7E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM > 4/8) AND VSBY (MM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	VSBY (MM) = OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	1.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1
= OR > 5000	2.4	2.9	2.9	2.9	2.9	2.9	2.9	2.9
= OR > 3500	3.6	4.1	4.2	4.2	4.2	4.2	4.2	4.2
= OR > 2000	8.7	12.3	12.5	12.5	12.6	12.6	12.6	12.6
= OR > 1000	13.2	18.4	18.8	18.8	18.9	18.9	18.9	18.9
= OR > 600	13.9	19.4	19.9	20.0	20.0	20.0	20.0	20.0
= OR > 300	14.5	20.1	20.5	20.6	20.7	20.7	20.7	20.7
= OR > 150	14.6	20.2	20.6	20.7	20.8	20.8	20.8	20.8
= OR > 0	14.6	20.3	20.8	21.0	21.1	21.1	21.1	21.1
TOTAL	266	368	377	381	383	383	383	383

TOTAL NUMBER OF OBS: 1816

PCT FREQ MM < 5/8: 78.9

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	885CD	TOTAL OBS
9.6	15.2	27.2	13.0	11.0	6.8	8.0	2.1	3.3	.6	1915

PERIOD: (PRIMARY) 1929-1971
(OVER-ALL) 1857-1971

APRIL

AREA 0003 NHA TRANG
12.1M 109.7E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	M	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.3	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.3
TOT %	.5	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.5
PCP	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5
NO PCP	3.0	2.3	1.1	2.3	3.7	.7	.3	.9	.0	1.0	15.2	.9
TOT %	3.2	2.4	1.1	2.3	3.7	.7	.3	1.0	.0	1.0	15.8	.9
PCP	.2	.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	.6
NO PCP	10.7	17.3	12.7	13.4	15.0	4.9	1.3	2.9	.0	2.9	81.0	4.9
TOT %	10.9	17.4	12.8	13.4	15.0	4.9	1.3	3.0	.0	2.9	82.4	4.9
TOT OBS	14.7	20.2	14.1	15.0	19.0	5.6	1.7	4.1	.0	4.0	100.0	2631
TOT PCT												

PERIOD: (PRIMARY) 1929-1971
(OVER-ALL) 1857-1971

APRIL

AREA 0003 MHA TRNG
12.1M 109.7C

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	0-3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
	4-10	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	TOT	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.3	
2<5	0-3	.1	.1	.0	.0	.1	.0	.1	.0	.0	.1	.5	
	4-10	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.5	
	11-21	.2	.2	.0	.0	.0	.0	.0	.1	.0	.0	.5	
	22+	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	
	TOT	.6	.4	.1	.1	.2	.1	.1	.2	.0	.1	1.8	
5<10	0-3	.2	.1	.2	.3	.5	.1	.1	.2	.0	1.0	2.8	
	4-10	1.4	1.3	.5	1.3	2.0	.4	.2	.6	.0	.0	7.6	
	11-21	1.4	.7	.2	.5	1.1	.2	.0	.1	.0	.0	4.2	
	22+	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	
	TOT	3.3	2.2	1.0	2.1	3.5	.6	.3	.9	.0	1.0	15.1	
10+	0-3	.7	1.2	1.7	1.9	1.2	.6	.2	.3	.0	3.3	11.1	
	4-10	4.7	9.6	8.4	9.0	8.9	3.1	.7	.8	.0	.0	48.3	
	11-21	4.8	6.2	2.1	2.3	5.7	1.4	.3	.0	.0	.0	23.7	
	22+	.5	.4	.1	.1	.1	.0	.0	.1	.0	.0	1.4	
	TOT	10.7	17.5	12.4	13.2	16.0	5.1	1.3	3.0	.0	3.3	82.5	
TOT OBS													3011
TOT PCT		15	20.1	13.6	13.5	19.7	5.9	1.7	4.1	.0	4.4	100.0	

PERIOD: (PRIMARY) 1929-1971
(OVER-ALL) 1857-1971

APRIL

AREA 0003 NHA TRANG
12.1N 109.7E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MH >4/8) AND
OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MH <5/8 ANY HGT	TOTAL 885
00403	.2	.0	1.1	1.5	8.1	10.6	1.5	.9	2.5	.2	26.7	73.3	529
06409	8	.0	.4	1.5	5.9	5.9	1.3	1.3	1.0	.2	18.2	81.8	477
12415	2	.2	.5	.9	3.9	5.9	1.4	.2	2.3	.7	16.2	83.8	437
18421	0	.0	.4	.4	6.2	9.2	1.1	.2	1.3	.0	18.9	81.1	455
TOT	6	1	12	21	116	152	25	13	31	5	385	1513	1898
PCT	.3	.1	.6	1.1	6.1	8.0	1.3	.7	1.8	.3	20.3	79.7	100.0

TABLE 11

PERCENT FREQUENCY VSBY (MM) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL 885
00403	0	2	.4	.4	17.2	81.9	507
06409	0	2	.4	1.1	14.3	84.0	462
12415	0	.0	.0	.5	16.7	82.8	418
18421	0	0	.0	1.4	17.8	80.8	438
TOT	0	2	4	15	301	4503	1825
PCT	0	1	2	.8	16.5	82.4	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (MM) AND/OR
CEILING HGT (FEET-MH >4/8) BY HOUR

HOUR (GMT)	<150 (5070)	<600 (11)	<1000 (5)	<1000+ AND 5+	MH <5/8 AND 5+	TOTAL 885
00403	.4	1.8	3.9	24.1	72.0	507
06409	1.5	1.9	3.9	15.4	80.7	462
12415	.7	1.4	2.9	14.8	82.3	418
18421	.7	1.1	3.0	18.3	78.8	438
TOT	15	29	63	335	1427	1825
PCT	.8	1.6	3.5	19.4	78.2	100.0

APRIL

PERIOD: (PRIMARY) 1929-1971
(OVER-ALL) 1857-1971

AREA 0003 NHA TRANG
12.1N 109.7E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
95-99	0	0	0	0	1	1	0	0	0	2	1	
90-94	0	0	0	2	1	6	1	3	4	64	3	4
85-89	0	0	1	2	2	6	7	5	4	271	14	3
80-84	0	0	0	0	1	5	20	1	3	1129	63	8
75-79	0	0	0	0	0	1	1	2	7	311	17	8
70-74	0	0	0	0	0	0	0	0	1	6	3	
TOTAL	0	0	1	6	10	56	80	30	30	1863	100	0
PCT	0	0	1	3	5	30	43	1	20			

TABLE 14

W	PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										VAR	CALM
	NE	E	SE	S	SW	W	NW	W	VAR	VAR		
0	1	0	1	0	0	0	0	0	0	0	0	0
4	0	6	7	5	1	1	1	1	0	0	0	0
9	2	2	3	3	1	2	3	2	0	0	0	0
13	5	11	11	11	4	8	13	6	1	3	0	0
17	2	9	13	3	0	5	13	5	1	6	0	0
21	1	1	0	0	0	0	0	0	0	0	0	0
14	19	14	16	19	6	1	1	7	3	2	0	4

TABLE 15

HOUR (GMT)	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										TOTAL OBS
	MAX	99%	95%	50%	5%	1%	MIN	MEAN			
0003	95	91	87	82	77	74	70	81	8	843	885
0609	95	92	90	84	79	76	72	83	8	1006	
1215	95	89	85	82	77	75	70	81	6	741	
1821	89	85	84	81	77	74	72	80	7	350	
TOT	95	91	88	82	77	75	70	82	0	3540	

TABLE 16

HOUR (GMT)	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										TOTAL OBS
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN		
0003	0	2	4	7	20	1	43	23	0	83	885
0609	0	1	15	5	45	2	30	1	0	77	450
1215	0	0	2	5	31	0	45	19	0	83	434
1821	0	0	0	0	16	5	52	30	0	86	472
TOT	0	7	110	566	807	202	02	1072			

PERIOD 1929-1971
(OVER-ALL) 1957-1971

APRIL

AREA 00C3 MMA TRNG
12.1N 109.7E
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

TABLE 17

AIR-SEA TMP DIF	69	73	77	81	85	89	93	TOT	M	M9
	72	76	80	84	88	92	96	FOG	FOG	FOG
14/15	0	0	0	0	0	0	0	3	0	1
11/13	0	0	0	1	0	2	2	11	0	1
9/10	0	0	0	1	2	6	4	34	0	1
7/8	0	0	0	5	6	12	4	58	0	2
6	0	0	0	1	4	4	0	30	0	1
5	0	0	1	1	1	4	0	82	0	3
4	0	0	2	2	2	6	0	130	0	5
3	0	0	5	1	6	12	0	84	0	3
2	0	0	1	6	6	2	0	256	1	10
1	0	0	3	9	4	5	1	188	0	7
-1	0	2	1	7	5	6	7	523	0	20
-2	0	3	4	0	6	7	0	204	0	8
-3	0	1	2	0	4	0	2	335	0	13
-4	0	0	6	2	1	2	0	160	0	6
-5	0	0	2	1	6	1	0	138	0	5
-6	0	1	1	1	3	0	0	76	0	3
-7/-8	0	2	4	0	1	0	0	38	0	1
-9/-10	0	0	6	0	1	0	0	106	0	4
-11/-13	0	0	0	0	0	0	0	31	0	1
TOTAL	0	3	0	0	0	0	0	10	0	4
PCT	2	3.4	24.9	54.9	12.4	3.6	.6	2497	.2	99.8
								100.0		

PERIOD: (AVER-ALL) 1963-1971

APRIL

AREA 0003 MMA TRANG
12.1N 109.7E

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	M										ME									
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+
1-2	.4	1.0	2.2	.0	.0	.0	1.9	.7	2.4	3.5	.0	.0	.0	3.1	.5	6.2	3.5	.0	.0	.0
3-4	.0	.8	2.5	.3	.0	.0	3.7	.3	1.6	2.8	.2	.0	.0	10.1	.0	1.6	1.4	.3	.0	.0
5-6	.0	.0	.4	.3	.0	.0	.6	.0	.1	1.4	.3	.0	.0	4.9	.0	.0	.0	.0	.0	.0
7	.0	.0	.1	.2	.0	.0	.3	.0	.0	.2	.1	.0	.0	1.8	.0	.0	.1	.0	.0	.0
8-9	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.1	6.1	6.1	.8	.0	.0	14.1	1.4	10.3	7.9	.6	.1	.0	20.3						

HGT	E										SE									
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+
1-2	.6	2.6	2.0	.0	.0	.0	3.6	1.9	3.5	2.1	.0	.0	.0	5.3	.8	5.8	2.1	.0	.0	.0
3-4	.0	1.6	1.0	.1	.0	.0	2.7	.0	5.8	1.0	.1	.0	.0	8.7	.0	.0	.0	.0	.0	.0
5-6	.0	.1	.3	.1	.0	.0	.4	.0	.9	.0	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0
7	.0	.0	.1	.0	.0	.0	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.6	9.9	3.5	.1	.0	.0	15.1	2.6	10.4	3.3	.2	.0	.0	16.5						

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12.1N 103.7E

APRIL 19

PERIOD: (OVER-ALL) 1963-1971

3 MHA TRANC
12.1M 103.7E

OBJECT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

MGT	1-7	8-9	10-11	12-21	22-23	24-47	48+	CUT	1-3	4-10	11-21	22-23	24-47	48+	PCT
1	1	0	0	0	0	0	0	4.3	6	1.3	1.1	0	0	0	0
11	3	3.2	0	0	0	1	0	3.2	1.3	1.1	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-4	0	0	0	2	1	0	0	4	0	0	0	0	0	0	0
5-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-9	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
10-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13-15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33-40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61-70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71-86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL PCT	1.9	9.4	7.2	1	1	0	0	10.7	.6	3.5	1.7	0	0	0	5.3

MC1	1-3	4-10	11-21	22-33	34-47	48+	PC1	1-3	4-10	11-21	22-33	34-47	48+	PC2
11	.3	.3	.0	.0	.0	.0	.5	.5	.5	.0	.0	.0	.0	.0
1-2	1	1	1	.0	.0	.0	.5	.5	1	.0	.0	.0	.0	.0
3-4	0	0	1	.0	.0	.0	.5	.5	.0	.0	.0	.0	.0	.0
5-6	0	0	0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0
8-9	0	0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
10-11	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-50	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
total PC1	.4	.8	.4	.1	.0	.0	1.7	.7	2.3	.4	.1	.0	.0	3.5

PERIOD: (OVER-ALL) 1963-1971

APRIL

AREA 0003 MHA TRMG
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TABLE 18 (CONT)

WIND SPEED (KTS)	VS SEA HEIGHT (FT)						TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	
HGT							
<1	12.0	14.5	.4	.0	.0	.0	26.9
1-2	3.7	29.9	15.4	.0	.0	.0	49.1
3-4	.0	.0	10.5	.0	.0	.0	18.5
5-6	.0	.6	2.9	.7	.0	.0	4.1
7	.0	.0	.5	.3	.0	.0	.6
8-9	.0	.1	.1	.1	.0	.0	.4
10-11	.0	.0	.1	.0	.0	.0	.1
12	.0	.0	.0	.0	.1	.0	.1
13-16	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.1	.0	.0	.0	.1
23-25	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0
41-46	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0
TOT PCT	16.0	51.8	30.1	2.0	.1	.0	100.0
							1376

PERIOD (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECS)															TOT OBS	MEAN HGT
	6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-47	49-60	61-70	71-86		
<6	7.9	32.1	16.5	2.6	.4	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	959
6-7	.2	4.8	6.7	3.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
8-9	.0	.9	1.7	.9	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	260
10-11	.0	.4	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	64
12-13	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
INDET	12.0	4.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
TOTAL	20.1	60.1	43.1	12.0	2.6	1.3	1.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	286
PCT	20.1	42.5	26.9	7.5	1.6	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0

MAY

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHUR	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 08 TIME	TOTAL PCPN OBS	TMDR		OTHER WEATHER PHENOMENA						TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW	OTHER PCPN				LTNG	PCPN	FOG PCPN	SMOKE PCPN	HAZE PCPN	BLWG PCPN	DUST PCPN	SIG PCPN	
M	3	3	3	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	5.7
MC	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.1
C	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.4
SC	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12.3
S	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.0
SW	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.0
M	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.3
W	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.0
VAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.0
TOT OBS	41	45	11	0	0	0	0	0	0	96	75	1	0	36	0	0	0	0	2204
TOT PCT	1.7	1.9	5	0	0	0	0	0	0	4.0	3.1	0	0	1.5	0	0	0	0	91.5

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHUR	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 08 TIME	TOTAL PCPN OBS	TMDR		OTHER WEATHER PHENOMENA						TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW	OTHER PCPN				LTNG	PCPN	FOG PCPN	SMOKE PCPN	HAZE PCPN	BLWG PCPN	DUST PCPN	SIG PCPN	
00403	1	1.7	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94.3
06409	1	1.7	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94.1
12415	1	2.0	0.7	0	0	0	0	0	0	0	6.5	0	0	0	0	0	0	0	87.0
18421	1	2.3	0.5	0	0	0	0	0	0	0	5.3	0	0	0	0	0	0	0	89.4
TOT	41	47	11	0	0	0	0	0	0	90	77	2	0	36	0	0	0	0	2223
PCT	1.7	1.9	0.5	0	0	0	0	0	0	4.0	3.2	0	0	1.5	0	0	0	0	91.4

MAY

PERIOD: (PRIMARY) 1920-1971
(AVER-ALL) 1957-1971

AREA 0003 NHA TRANG
12.1N 109.7E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					
	0-3	4-10	11-21	22-33	34-47	00	03	06	09	12					15	18	21			
N	1.2	3.5	1.4	.1	.0	0	6.9	8.4	7.3	4.5	5.1	5.6	5.0	5.3						
NE	1.5	4.7	1.2	#	.0	.0	6.7	12.0	7.5	9.8	7.5	15.2	6.5	5.8						
E	1.5	6.7	.8	.0	.0	.0	7.8	16.3	10.4	10.7	10.3	10.2	9.7	8.4						
SE	1.7	8.6	2.2	#	.0	.0	8.9	18.5	15.5	18.2	15.4	11.4	12.2	6.6						
S	2.0	14.2	8.6	.4	.0	0	24.1	26.0	25.3	26.4	27.7	23.3	25.1	28.8						
SW	1.1	10.4	10.5	2.1	.1	.0	26.0	26.3	21.2	23.1	22.6	25.7	24.9	29.3						
W	.8	3.5	1.8	.3	#	.0	6.9	4.1	4.3	3.3	4.9	11.2	7.2	9.3						
NW	.9	2.5	.9	.1	.0	.0	6.6	4.9	3.9	2.2	2.9	5.3	3.6	6.5						
VAR	#	#	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0						
CALM	4.3	18.26	9.25	100	3	0	4.2	1.5	6.6	1.6	2.8	2.0	5.6	6.1						
TOT OBS	520	441	274	3.0	.1	.0	572	200	655	314	535	201	550	347						
TOT PCT	15.4	13.4	8.1	3.0	.1	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+ TOTAL OBS	PCT FREQ	MEAN SPD	-00 03	HOUR (GMT)						
	0-6	7-16	17-27	28-40	06					12	18	00	06	12	18	21
N	3.3	2.6	3	.0	.0	6.1	7.6	7.3	7.3	6.4	5.9	5.1	5.1			
NE	4.0	3.2	.2	.0	.0	7.4	7.1	8.1	8.1	8.2	6.9	6.2	6.2			
E	5.5	3.4	.1	.0	.0	9.0	6.3	7.4	7.4	9.2	10.3	9.2	9.2			
SE	6.0	6.3	.4	.0	.0	12.6	7.5	9.3	9.3	16.4	14.3	10.1	10.1			
S	7.6	15.0	2.6	#	.0	25.2	9.7	24.6	24.6	25.7	26.5	24.2	24.2			
SW	5.4	13.3	5.2	.5	.0	24.4	11.9	26.1	26.1	21.8	23.4	26.6	26.6			
W	2.5	3.2	.7	.1	.0	6.5	9.4	7.6	7.6	4.0	6.6	8.0	8.0			
NW	2.2	1.8	.4	.0	.0	4.4	7.6	6.1	6.1	3.4	3.5	4.7	4.7			
VAR	.1	.0	.0	.0	.0	.1	3.0	.0	.0	.1	.0	.1	.1			
CALM	4.3	16.45	334	20	.0	4.3	8.8	3.5	3.5	5.0	2.6	5.3	5.3			
TOT OBS	1375	48.8	9.9	.6	.0	3374	100.0	8.8	772	969	736	897	897			
TOT PCT	40.8	14.5	3.0	.2	.0	100.0	100.0	8.8	100.0	100.0	100.0	100.0	100.0			

PERIOD: (PRIMARY) 1928-1971
(OVER-ALL) 1857-1971

MAY

AREA 0003 MMA TRANG
12.1N 109.7E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT	TOTAL
										00S
00403	3.5	13.3	55.2	25.8	2.1	.1	.0	8.3	100.0	772
06409	5.0	11.1	54.2	26.7	3.0	.1	.0	8.7	100.0	968
12415	2.6	6.6	51.9	32.7	4.1	.1	.0	9.8	100.0	736
18421	5.8	11.2	54.9	25.3	2.8	.0	.0	8.5	100.0	896
TOT	146	373	1825	925	100	3	.0	8.5	100.0	3372
PCT	4.3	11.1	54.2	27.4	3.0	.1	.0	8.5	100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & 00S	TOTAL 00S	MEAN CLOUD COVER
N	.8	1.0	2.7	1.8		5.5
NE	1.3	1.9	2.7	1.4		4.4
E	2.1	2.8	3.0	.8		4.2
SE	4.3	4.4	4.9	1.2		4.1
S	8.0	7.5	7.1	1.4		3.8
SW	4.2	5.7	9.5	4.7		5.0
W	.9	1.7	3.2	2.1		5.5
NW	.3	.7	1.9	1.2		5.9
VAR	.0	.1	.0	.0		4.0
CALM	.6	1.4	1.2	.4		4.6
TOT 00S	365	440	587	228	1620	
TOT PCT	22.5	27.2	36.2	14.1	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT-MH 340)
AND OCCURRENCE OF MH 45/8 BY WIND DIRECTION

	000	150	300	600	1000	3000	5000	6500	8000+	MH 45/8	TOTAL
	149	299	599	999	1999	3499	4999	6499	7999	ANY HGT	00S
N	.0	.0	.0	.3	.9	.8	.2	.2	.1	.0	3.8
NE	.0	.0	.1	.2	.5	.4	.1	.1	.1	.1	4.8
E	.0	.0	.1	.2	.6	.4	.1	.1	.2	.0	7.1
SE	.0	.1	.0	.2	1.2	.9	.4	.1	.3	.0	11.7
S	.0	.0	.1	.2	1.3	1.2	.4	.2	.1	.2	20.2
SW	.1	.1	.2	.6	2.3	2.7	.2	.1	.2	.1	17.7
W	.1	.1	.1	.3	1.3	.9	.1	.0	.1	.1	5.1
NW	.1	.0	.1	.3	.3	.3	.1	.0	.1	.1	2.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
CALM	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	2.6
TOT 00S	3	2	8	43	148	130	26	14	17	8	1221
TOT PCT	.2	.1	.5	2.7	9.1	8.0	1.6	.9	1.0	.5	75.4
											100.0

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM >400) AND VSOY (MM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	VSOY (MM) = OR >1	= OR >1/2	= OR >1/4	= OR >5000	= OR >0
= OR >6500	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5
= OR >5000	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4
= OR >3500	3.4	3.9	4.0	4.0	4.0	4.0	4.0	4.0
= OR >2000	9.4	11.8	11.9	11.9	11.9	11.9	11.9	11.9
= OR >1000	15.5	20.3	21.0	21.1	21.1	21.1	21.1	21.1
= OR >600	17.2	22.7	23.7	23.7	23.7	23.7	23.7	23.7
= OR >300	17.3	23.2	24.1	24.2	24.2	24.2	24.2	24.2
= OR >150	17.3	23.2	24.3	24.3	24.3	24.3	24.3	24.3
= OR >0	17.5	23.4	24.4	24.5	24.5	24.5	24.5	24.5
TOTAL	285	332	399	400	400	401	401	401

TOTAL NUMBER OF OBS: 1632

PCT FREQ MM <5/8: 75.4

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	00SCD	TOTAL
3.0	15.0	28.8	17.9	11.3	6.3	9.9	3.1	4.6	.1	1742

PERIOD: (PRIMARY) 1928-1971
(OVER-ALL) 1857-1971

MAY

AREA 0003 NHA TRANG
12.1N 109.7E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	M	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	
1/2 <1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1 <2	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	
2 <5	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.7	
PCP	.3	.1	.2	.1	.2	.1	.1	.2	.0	.0	1.2	
NO PCP	.3	.1	.3	.2	.3	.3	.2	.3	.0	.0	2.0	
TOT %	.6	.2	.4	.3	.4	.4	.3	.5	.0	.0	3.7	
5 <10	.3	.2	.1	.1	.1	.3	.3	.1	.0	.0	1.4	
PCP	.7	.5	.8	1.1	2.6	2.7	.9	.9	.0	.4	10.5	
NO PCP	.9	.7	.8	1.2	2.7	3.0	1.2	1.0	.0	.4	11.9	
TOT %	1.6	1.2	1.6	2.3	5.3	5.7	2.1	1.9	.4	.8	22.4	
10+	.2	.2	.1	.1	.1	.3	.2	.2	.0	.0	1.5	
PCP	5.0	5.9	7.8	11.6	22.2	20.1	5.7	3.3	.1	2.6	84.3	
NO PCP	5.2	6.1	7.9	11.7	22.3	20.5	5.9	3.5	.1	2.6	85.7	
TOT OBS	10.2	12.0	15.7	23.3	42.5	40.6	11.6	6.8	.2	5.2	169.9	
TOT PCT	6.5	6.9	9.0	13.1	25.2	23.8	7.4	5.0	.1	3.0	100.0	2407

PERIOD: (PRIMARY) 1928-1971
(OVER-ALL) 1857-1971

MAY

AREA 0003 MHA TRAMG
12.1M 109.7C

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CAIM	PCT TOTAL OBS
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
1<2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
2<5	0-3	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.6
	4-10	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	1.2
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.3	.3	.2	.2	.2	.2	.2	.2	.0	.0	2.3
5<10	0-3	.1	.2	.1	.1	.1	.1	.1	.1	.0	.0	1.9
	4-10	.6	.4	.7	.6	.1	.1	.2	.5	.0	.0	5.7
	11-21	.2	.1	.1	.1	.1	.1	.1	.2	.0	.0	2.9
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT X	.9	.7	.9	.9	.3	.3	.3	.7	.0	.0	11.0
10+	0-3	.3	1.0	1.3	1.2	1.4	.9	.6	.6	.0	.0	3.3
	4-10	2.9	4.0	6.3	6.1	13.0	8.3	2.9	2.0	.0	.0	47.4
	11-21	1.2	1.0	.8	2.2	7.6	9.4	1.7	.8	.0	.0	24.7
	22+	.0	.0	.0	.0	.3	1.7	.3	.0	.0	.0	2.3
	TOT X	5.0	6.0	8.1	11.5	22.3	20.3	5.5	3.4	.1	.1	85.8
TOT OBS												2786
TOT PCT		6.4	7.0	9.3	12.9	25.1	23.9	6.9	4.9	.1	.1	100.0

PERIOD: (PRIMARY) 1920-1971
(OVER-ALL) 1957-1971

MAY

AREA 0003 MHA TRANG
12.1N 109.7E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NM) AND
OCCURRENCE OF MH (5/8 BY HOUR

HOUR (GMT)	000 149	150 299	200 599	300 999	400 1999	500 3999	600 4999	700 7999	800+ 7999	TOTAL	MH (5/8 ANY HGT	TOTAL 005
00403	.4	.0	.4	2.6	7.4	8.0	1.3	1.3	.9	23.6	76.4	461
06409	.0	.2	.0	1.2	7.8	4.8	2.1	1.2	.2	19.2	80.8	421
12415	0	.0	1.2	2.0	10.5	9.3	1.5	.5	.7	26.3	73.7	410
18421	.2	.2	.2	4.4	9.0	8.1	1.2	.2	.0	23.8	76.2	433
TOT	3	2	8	44	149	130	26	14	17	401	1324	1725
PCT	.2	.1	.5	2.6	8.6	7.5	1.5	.8	1.0	23.2	76.8	100.0

TABLE 11

PERCENT FREQUENCY VS0Y (NM) BY HOUR

HOUR (GMT)	<1/2 1/2<1	1/2 1/2<1	1/2 1/2<1	2/5 2/5<10	5/10 5/10<10	10+ 10+<10	TOTAL 005
00403	2	0	.0	.5	10.2	89.1	441
06409	.0	.0	.2	7	7.5	91.5	402
12415	.3	.0	.0	2.3	17.0	80.4	383
18421	0	0	.0	2.2	15.2	82.6	407
TOT	2	0	1	23	202	1405	1633
PCT	.1	0	.1	1.4	12.4	85.0	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VS0Y (NM) AND/OR
CEILING HGT (FEET, NM) >4/8) BY HOUR

HOUR (GMT)	<150 150Y0	<600 600Y0	<1000 1000Y0	<1000+ 1000Y0	MH (5/8 AND 5+	TOTAL 005
00403	.5	1.1	4.3	20.9	74.8	441
06409	.0	.2	2.5	17.7	79.9	402
12415	.3	1.8	5.7	23.2	71.0	383
18421	.2	.7	6.4	19.4	74.2	407
TOT	4	16	77	331	1225	1633
PCT	.2	1.0	4.7	20.3	75.0	100.0

MAY

PERIOD: (PRIMARY) 1928-1971
(OVER-ALL) 1857-1971

AREA 0003 NHA TRANG
12.1M 109.7E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
95/99	0	0	0	0	.3	.0	.0	.0			5	.3
90/94	0	0	0	.2	1.3	1.8	.4	.1			62	3.9
85/89	0	0	0	.0	2.2	16.3	12.2	1.9			525	32.7
80/84	0	0	0	.0	.0	3	35.7	11.6			944	58.8
75/79	0	0	0	.0	.0	.2	1.4	2.7			70	4.4
TOTAL	0	0	0	0	.3	.2	799	264			1606	100.0
PCT	0	.0	0	.2	4.2	29.5	49.8	16.4				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											
N	NE	E	SE	S	SW	W	NW	VAR	CALM		
.0	.1	.2	.1	.0	.0	.1	.0	.0	.0		
.3	.2	.6	1.0	1.0	.5	.1	.1	.0	.0		
1.4	1.5	3.1	5.8	8.3	8.6	2.0	.8	.1	.2		
4.0	4.3	4.8	7.0	14.6	13.9	4.7	3.0	.1	1.2		
.9	.1	.1	.2	.5	1.2	1.1	.4	.0	.0		
6.6	6.2	8.6	14.0	24.3	24.2	7.9	4.3	.1	3.7		

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										TOTAL OBS
HOUR (GMT)	MAX	99X	95X	50X	5M	1X	MIN	MEAN		
00403	95	90	88	84	80	78	75	83.7		758
06409	95	93	90	85	81	79	75	85.3		934
12415	90	88	86	84	79	78	75	83.3		729
18421	88	86	85	82	79	77	76	82.5		902
TOT	95	91	88	84	80	78	75	83.7		3323

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										TOTAL OBS
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	
00403	.0	.0	.0	.0	3.6	28.0	53.4	15.0	83	421
06409	.0	.8	12.3	45.8	35.0	6.1	78	391		
12415	.0	.0	1.0	28.8	53.0	17.2	83	396		
18421	.0	.0	.0	17.1	56.5	26.4	85	416		
TOT	0	3	67	482	807	265	82	1624		

PERIOD: (PRIMARY) 1928-1971
(SEVER-ALL) 1857-1971

MAY

TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AREA 0003 MHA TRNG
12.1M 105.7E

AIR-SEA TMP DIF	73 76	77 80	81 84	85 88	89 92	93 96	TOT FOG	W FOG	W9 FOG
14/16	.0	.0	.0	.0	.0	.0	1	.0	.0
11/13	.0	.0	.0	.0	.1	.1	5	.0	.2
9/10	.0	.0	.0	.2	.4	.2	17	.0	.8
7/8	.0	.0	.0	.6	1.2	.1	44	.0	2.0
6	.0	.0	.1	.4	.6	.0	27	.0	1.2
5	.0	.0	.5	1.7	.7	.1	68	.0	3.0
4	.0	.1	1.5	3.1	.7	.1	122	.0	5.4
3	.0	.0	1.1	2.1	.1	.0	98	.0	4.3
2	.0	.2	4.5	4.6	.4	.0	223	.0	9.9
1	.0	.0	16.3	3.1	.2	.0	173	.0	7.7
0	.0	.9	16.3	5.1	.1	.0	506	.0	22.4
-1	.0	.5	5.8	2.9	.0	.0	207	.0	9.2
-2	.0	1.8	10.2	1.8	.0	.0	314	.0	13.9
-3	.0	1.1	3.9	1.0	.0	.0	134	.0	5.9
-4	.0	1.9	5.4	.3	.0	.0	172	.0	7.6
-5	.0	.9	2.3	.1	.0	.0	75	.0	2.3
-6	.0	.4	.8	.0	.0	.0	26	.0	1.2
-7/-8	.0	.6	.8	.0	.0	.0	33	.0	1.5
-9/-10	.0	.3	.1	.0	.0	.0	9	.0	.4
TOTAL							2254		
PCT	.2	8.7	57.7	28.3	4.4	.7	100.0		100.0

PERIOD - (OVER-ALL) 1963-1971 MAY ARCA 0003 NHA TRANG 12.1M 109.7E

TABLE 18

PCT FREQ OF WIND SPEED (KTS. AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	0	1.7	1	0	0	0	2.6	0	1.4	0	0	0	0	2.1
1-2	0	1.7	6	0	0	0	2.5	0	2.5	0	0	0	0	3.5
3-4	0	0	9	1	0	0	1.3	0	0	0	0	0	0	1.0
5-6	0	0	1	0	0	0	0.1	0	0	0	0	0	0	0.1
7	0	0	2	0	0	0	0.2	0	0	0	0	0	0	0.0
8-9	0	0	1	0	0	0	0.1	0	0	0	0	0	0	0.0
10-11	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
12	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
13-16	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
17-19	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
20-22	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
23-25	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
26-32	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
33-40	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
41-48	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
49-60	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
61-70	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
71-86	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
87+	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
TOT PCT	1.0	3.8	1.8	1	0	0	6.7	1.0	4.5	1.2	0	0	0	6.6

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	0	2.3	1	0	0	0	3.2	0	4.0	0	0	0	0	4.9
1-2	0	2	7	0	0	0	4	0	5.9	1.5	0	0	0	6.1
3-4	0	5	3	0	0	0	0.8	0	0.9	0.2	0	0	0	1.1
5-6	0	0	1	0	0	0	0.1	0	0	0	0	0	0	0.1
7	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
8-9	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
10-11	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
12	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
13-16	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
17-19	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
20-22	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
23-25	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
26-32	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
33-40	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
41-48	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
49-60	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
61-70	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
71-86	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
87+	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0.0
TOT PCT	1.1	5.9	1.2	0	0	0	8.2	1.4	10.7	2.2	0	0	0	14.2

PERIOD: (OVER-ALL) 1963-1971

MAY

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

AREA 0003 MHA TRANG
12.1M 109.7E

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.0	2.0	1.1	.0	.0	.0	3.6	.7	2.6	.0	.0	.0	.0	3.4
4-10	.6	7.7	4.9	.0	.0	.0	13.1	.4	4.1	4.9	.0	.0	.0	8.9
11-21	.1	1.3	3.6	.2	.0	.0	5.1	.0	1.0	4.7	.0	.0	.0	7.4
22-33	.0	.0	.0	.0	.0	.0	1.4	.0	.2	2.0	.5	.0	.0	2.6
34-47	.0	.0	.0	.0	.0	.0	.2	.0	.0	1.1	1.7	.1	.0	2.9
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.6
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2
1-3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.4	12.1	9.6	.3	.0	.0	23.5	1.2	8.7	12.5	3.4	.2	.0	25.9

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.0	2.0	1.1	.0	.0	.0	3.1	.6	.9	.1	.0	.0	.0	1.6
4-10	.2	1.9	.6	.0	.0	.0	2.7	.1	1.4	.2	.0	.0	.0	1.7
11-21	.1	.6	.8	.0	.0	.0	1.5	.0	.2	.0	.0	.0	.0	.4
22-33	.0	.1	.1	.1	.0	.0	.8	.0	.1	.1	.0	.0	.0	.2
34-47	.0	.0	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.1	4.6	2.4	.4	.0	.0	8.5	.8	2.5	.8	.0	.0	.0	4.1

PERIOD: (OVER-ALL) 1963-1971

MAY

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TABLE 18 (CONT)

WIND SPEED (KTS) VS SEA HEIGHT (FT)										TOT SSS
WGT	0-3	4-10	11-21	22-33	34-47	48+	PCT			
61	8.9	17.7	1.1	.0	.0	.0	27.6			
1-2	2.9	27.8	13.3	.0	.0	.0	44.0			
3-4	.4	6.2	10.7	1.1	.0	.0	18.3			
5-6	.0	.6	4.1	.6	.0	.0	5.3			
7	.0	.0	1.7	1.9	.1	.0	3.6			
8-9	.0	.0	.4	.4	.0	.0	.7			
10-11	.0	.0	.0	.2	.1	.0	.3			
12	.0	.0	.1	.1	.0	.0	.2			
13-16	.0	.0	.0	.0	.0	.0	.0			
17-19	.0	.0	.0	.0	.0	.0	.0			
20-22	.0	.0	.0	.0	.0	.0	.0			
23-25	.0	.0	.0	.0	.0	.0	.0			
26-32	.0	.0	.0	.0	.0	.0	.0			
33-40	.0	.0	.0	.0	.0	.0	.0			
41-48	.0	.0	.0	.0	.0	.0	.0			
49-60	.0	.0	.0	.0	.0	.0	.0			
61-70	.0	.0	.0	.0	.0	.0	.0			
71-86	.0	.0	.0	.0	.0	.0	.0			
87+	.0	.0	.0	.0	.0	.0	.0			
TOT PCT	12.2	52.3	31.2	4.1	.2	.0	100.0			1133

PERIOD: (OVER-ALL) 1943-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	61	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33--40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
6	6.5	34.4	15.5	3.5	1.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	830	2
6-7	.1	1.6	4.5	3.2	1.4	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	157	4
3-9	.0	.5	.9	.8	.5	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	45	5
10-11	.0	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15	5
12-13	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	6
13	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	5
INDEX	14.7	5.5	1.0	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	289	1
TOTAL	205	567	295	110	51	22	7	2	0	0	0	0	0	0	0	0	0	0	0	0	1339	2
PCT	21.3	42.3	22.0	6.2	3.8	1.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1927-1971 JUNE AREA 0003 NHA TRANG 12.0N 109.7E
(OVER-ALL) 1957-1971

TABLE 1
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHUR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPM AT 90 TIME	TOTAL PCPM OBS	THOR		OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPM	FRZG PCPM	SNOW PCPM						FG	SMOKE	DUST	W	
N	#	#	#	.0	.0	.0	.0	.1		.1	.0	.0	.0	.0	.0	1.3
NE	#	#	.0	.0	.0	.0	.0	.1		.1	.0	.0	.0	.0	.0	1.1
E	.0	#	.0	.0	.0	.0	.0	.1		.1	.0	.0	.0	.0	.0	2.2
SE	.1	.0	.0	.0	.0	.0	.0	.1		.1	.0	.0	.0	.0	.0	6.4
S	3	1	.1	.0	.0	.0	.0	.5		.6	.0	.0	.2	.0	.0	10.1
SW	6	.2	.1	.0	.0	.0	.0	.9		1.3	.0	.0	.2	.0	.0	40.8
W	0	1	.1	.0	.0	.0	.0	.2		.3	.0	.0	.0	.0	.0	9.6
NW	.0	.0	#	.0	.0	.0	.0	.0		.1	.0	.0	.0	.0	.0	2.0
VAR	0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	1.0
CALM	#	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	1.6
TOT OBS	24	11	0	0	0	0	0	.0	43	50	0	10	0	0	0	2149
TOT PCT	1.1	.5	.4	.0	.0	.0	.0	1.9		2.6	.0	.4	.0	.0	.0	95.2

TABLE 2
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHUR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPM AT 90 TIME	TOTAL PCPM OBS	THOR		OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPM	FRZG PCPM	SNOW PCPM						FG	SMOKE	DUST	W	
0000	1.3	.3	.0	.0	.0	.0	.0	2.5		.0	.0	.0	.0	.0	.0	97.0
0600	.9	.2	.4	.0	.0	.0	.0	1.4		.4	.0	.7	.0	.0	.0	97.7
1200	1.7	.4	.0	.0	.0	.0	.0	1.1		5.0	.0	.6	.0	.0	.0	93.3
1800	1.2	1.0	.2	.0	.0	.0	.0	2.4	43	5.1	.0	.0	.0	.0	.0	92.7
TOT	24	11	0	0	0	0	0	1.9		50	0	10	0	0	0	2155
PCT	1.1	.5	.4	.0	.0	.0	.0	1.9		2.6	.0	.4	.0	.0	.0	95.2

PERIOD: (PRIMARY) 1927-1971
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TABLE 3
PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)							TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	48+	00				03	06	09	12	15	18	21	
M	.2	.9	.2	.0	.0	.0	.0	1.3	7.0	1.8	.2	1.9	.2	.7	.9	2.3	.9	
MC	.3	.8	.1	.0	.0	.0	.0	1.3	6.6	1.2	.5	1.8	.6	1.5	.9	1.3	1.3	
C	.6	1.4	.2	.0	.0	.0	.0	2.2	6.0	2.2	1.5	3.1	2.5	2.3	1.1	2.0	.9	
SC	.6	4.0	.2	.0	.0	.0	.0	6.5	8.8	3.7	8.3	8.5	11.5	7.4	8.0	4.0	4.1	
S	1.1	15.6	14.1	.9	.0	.0	.0	31.6	11.0	22.9	29.0	30.6	39.3	40.8	38.6	28.6	28.9	
SW	1.2	15.5	22.3	4.1	.2	.0	.0	43.2	13.1	42.4	43.3	41.0	36.5	38.1	40.1	46.7	48.3	
W	.5	4.4	4.1	.7	.0	.0	.0	9.8	11.8	12.9	12.4	8.8	7.0	6.4	6.7	11.2	11.7	
MW	.3	1.3	.4	.0	.0	.0	.0	2.0	7.8	4.7	2.7	1.4	.6	1.0	2.1	1.4	2.2	
VAR	.0	.0	.0	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	2.2	1384	1369	183	7	0	3160	100.0	11.3	523	201	567	314	498	176	538	343	
TOT OBS	217	1384	1369	183	7	0	3160	100.0	11.3	523	201	567	314	498	176	538	343	
TOT PCT	6.9	43.8	43.3	5.8	.2	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A

WIND DIR		0-6	7-16	17-27	28-40	41+	TOTAL	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18	21
WIND SPEED (KNOTS)																	
N	.6	.7	.0	.0	.0	.0	.0	1.3	7.0	1.3	1.3	1.3	.7	1.3	1.3	1.3	1.3
NE	.8	.4	.0	.0	.0	.0	.0	1.3	6.6	1.0	1.0	1.4	1.3	1.3	1.3	1.3	1.3
E	1.4	.0	.0	.0	.0	.0	.0	2.0	6.0	2.0	2.0	2.9	2.0	2.0	1.6	1.6	1.6
SE	2.5	.0	.0	.0	.0	.0	.0	5.0	8.8	5.0	5.0	9.6	7.5	4.0	4.0	4.0	4.0
S	6.2	3.6	.5	.0	.0	.0	.0	11.2	11.0	24.6	24.6	33.7	40.2	28.7	28.7	28.7	28.7
SW	6.3	20.7	11.0	1.2	.0	.0	.0	46.2	13.1	46.2	46.2	39.4	36.4	47.2	47.2	47.2	47.2
W	2.3	24.6	11.0	2.1	.0	.0	.0	12.7	11.8	12.7	12.7	8.1	5.5	11.4	11.4	11.4	11.4
MW	.9	1.0	.1	.0	.0	.0	.0	2.0	7.8	2.0	2.0	1.4	1.3	1.3	1.3	1.3	1.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	2.2	1800	579	46	2	3160	100.0	2.2	11.3	724	291	674	674	674	674	674	674
TOT OBS	733	1800	579	46	2	3160	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOT PCT	23.2	57.0	18.3	1.5	.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1927-1971
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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)			48+	MEAN	PCT	TOTAL ØØS
				11-21	22-35	34-47				
00403	2.9	4.6	48.2	39.2	4.8	.3	.0	10.8	100.0	724
06409	2.4	5.3	42.0	42.7	7.4	.2	.0	11.5	100.0	881
12415	1.0	3.1	41.5	49.3	4.7	.3	.0	11.9	100.0	674
18421	2.2	5.4	43.7	42.8	5.8	.1	.0	11.0	100.0	881
TOT	68	149	1384	1369	183	7	0	11.3		3160
PCT	2.2	4.7	43.8	43.3	5.8	.2	.0		100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & ØØSCD	TOTAL ØØS	MEAN CLOUD COVER
N	.4	.3	1.0	.2	5.2	5.2
NE	.4	.6	1.5	.1	4.1	4.1
E	.5	.9	1.1		4.2	4.2
SE	1.5	2.7	2.4	.6	4.2	4.2
S	9.1	7.6	11.1	2.1	4.1	4.1
SW	10.4	10.2	15.6	5.5	4.5	4.5
W	2.5	2.3	3.9	1.5	4.6	4.6
NW	.6	.6	1.0	.1	4.1	4.1
VAR	.0	.0	.0	.0	.0	.0
CALM	.5	.2	1.1	.4	5.0	5.0
TOT ØØS	381	377	552	157	1467	
TOT PCT	26.0	25.7	37.6	10.7	100.0	4.4

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH) >4/8
AND OCCURRENCE OF MH <5/8 BY WIND DIRECTION

	00	150	300	600	1000	2000	3500	5000	6500	8000+	MH <5/8	TOTAL
	49	299	599	999	1999	3999	4999	6499	7999		ANY MGT	ØØS
N	.0	.0	.1	.0	.4	.5	.0	.1	.0	.0	.9	
NE	.0	.0	.0	.0	.2	.1	.1	.1	.0	.0	1.2	
E	.0	.0	.0	.0	.1	.3	.0	.1	.0	.1	2.1	
SE	.0	.0	.0	.0	.5	.5	.0	.1	.0	.0	6.4	
S	.1	.0	.2	.5	1.6	2.6	.3	.4	.1	.3	23.8	
SW	.3	.1	1.2	2.7	3.9	1.0	.6	.2	.5	.2	31.4	
W	.0	.0	.0	.3	1.0	.6	.2	.1	.1	.1	.0	
NW	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	1.7	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.7	.1	.6	2.0	6.2	9.2	13.1	27	18	.9	139	
TOT PCT	.5	.1	.4	2.0	6.3	8.9	1.8	1.2	.5	.6	77.6	
TOT ØØS	1467											
												100.0

PERIOD: (PRIMARY) 1927-1971
(OVER-ALL) 1927-1971

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM > 4/8) AND VSBY (MM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	= OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
= OR > 5000	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
= OR > 3500	3.7	4.1	4.1	4.1	4.1	4.1	4.1	4.1
= OR > 2000	11.6	12.0	12.1	12.1	12.1	12.1	12.1	12.1
= OR > 1000	16.4	18.0	19.3	19.3	19.3	19.3	19.3	19.3
= OR > 500	17.7	21.0	21.3	21.3	21.3	21.3	21.3	21.3
= OR > 300	17.9	21.3	21.7	21.8	21.8	21.8	21.8	21.8
= OR > 150	17.9	21.4	21.8	21.8	21.8	21.8	21.8	21.8
= OR > 0	10.4	21.8	22.2	22.3	22.4	22.4	22.4	22.4
TOTAL	270	321	326	328	329	329	329	329

TOTAL NUMBER OF OBS: 1471

PCT FREQ MM < 5/8: 77.6

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	9	TOTAL OBS
6.4	22.2	26.7	16.1	6.7	5.9	8.9	3.6	3.6	.2	1547

PERIOD: (PRIMARY) 1927-1971
(OVER-ALL) 1857-197

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TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSOT (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	1.4	1.2	2.3	6.7	31.3	43.1	10.0	2.2	.0	1.7	100.0	2258
TOT PCT	1.4	1.2	2.3	6.7	31.3	43.1	10.0	2.2	.0	1.7	100.0	2258

PERIOD: (PRIMARY) 1927-1971
(OVER-ALL) 1957-1971

JUNE

AREA 0003 NWA TRANG
12.0N 100.7E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSØY (MM)	SDD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0	0
TOT M	TOT M	0	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0	0
TOT M	TOT M	0	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0	0
TOT M	TOT M	0	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0	0
TOT M	TOT M	0	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0	0
TOT M	TOT M	0	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0	0
TOT M	TOT M	0	0	0	0	0	0	0	0	0	0	0	0
TOT OBS	TOT OBS	1.2	1.1	2.1	6.6	31.3	43.7	10.	3.0	0	1.9	100.0	2631

PERIOD: (PRIMARY) 1927-1971
(OVER-ALL) 1957-1971

JUNE

AREA 0003 NHA TRANG
12.0N 109.7E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NM > 4/8) AND
OCCURRENCE OF NM < 5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NM < 5/8 ANY HGT	TOTAL OBS
00003	.5	.2	.5	1.4	7.6	8.1	1.9	2.1	.7	.0	23.0	77.0	421
06009	.3	.0	.5	2.2	4.9	6.8	2.2	.0	.5	.8	18.2	81.8	369
12015	.8	.0	.0	.8	5.5	10.4	1.6	1.4	.5	1.4	22.4	77.6	366
18021	.5	.0	.5	3.4	5.8	9.0	1.3	1.1	.0	.3	22.0	78.0	377
TOT	8	1	6	30	92	131	27	18	7	9	329	1204	1533
PCT	.5	.1	.4	2.0	6.0	8.5	1.8	1.2	.5	.6	21.5	78.5	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL OBS
00003	.0	.0	.0	.5	5.2	94.3	406
06009	0	.0	.3	.0	5.9	93.8	357
12015	.0	.3	.0	.9	7.4	91.4	350
18021	.0	.0	.3	.3	10.3	89.2	360
TOT	0	1	2	6	105	1359	1473
PCT	.0	.1	.1	.4	7.1	92.3	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NM > 4/8) BY HOUR

HOUR (GMT)	< 150	< 500	< 1000	1000+	NM < 5/8 AND 5+	TOTAL OBS
00003	.5	1.2	3.2	20.7	76.1	406
06009	.6	1.1	3.4	15.7	81.0	357
12015	.9	.9	2.6	21.1	76.3	350
18021	.8	1.4	5.0	18.3	76.7	360
TOT	10	17	52	280	1141	1473
PCT	.7	1.2	3.5	19.0	77.5	100.0

PERIOD: (PRIMARY) 1927-1971
(SEVER-ALL) 1957-1971

JUNE

AREA 0003 NHA TRANG
12.0N 109.7E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
95-99	.0	.0	.0	.0	.0	.2	.1	.0	.0	.4		.3
90-94	.0	.0	.0	.0	.5	1.1	1.2	.7	.1	.56		3.7
85-89	.0	.0	.0	.0	.1	1.7	12.7	8.9	1.3	371		24.7
80-84	.0	.0	.0	.0	.0	.7	10.9	40.8	10.7	947		63.1
75-79	.0	.0	.0	.0	.0	.0	.3	2.5	5.4	122		8.1
70-74	.0	.0	.0	.0	.0	.0	.0	.0	.1	1		.1
TOTAL	.0	.0	.0	.0	.0	.55	37.7	79.4	265	1501		100.0
PCT	.0	.0	.0	.0	.7	3.7	25.1	52.9	17.7			

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											CALM
NE	E	SE	S	SW	W	NW	VAR				
.0	.1	.0	.1	.1	.0	.0	.0			.0	.0
.1	.2	.5	.8	1.2	.7	.1	.0			.0	.1
.4	.9	2.4	8.1	9.7	1.8	.6	.0			.5	.5
.8	1.1	3.8	18.9	28.1	6.7	1.3	.0			1.2	.3
.1	.2	.4	2.4	3.5	.8	.2	.0			.0	.0
.0	.0	.0	.0	.0	.0	.0	.0			.0	.0
1.7	1.5	2.4	7.1	30.3	42.5	10.0	2.2			.0	2.1

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											TOTAL OBS
MAX	99%	95%	50%	5%	1%	MIN	MEAN				
92	90	88	83	79	77	73	83.2			719	
95	94	90	84	80	77	73	84.6			852	
92	88	86	83	79	77	75	83.0			670	
88	86	85	82	78	75	73	82.0			876	
95	91	88	83	79	77	73	83.2			3117	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											TOTAL OBS
0-29	30-39	60-69	70-79	80-89	90-100	MEAN					
.0	.3	4.6	23.5	55.2	16.4	.03				391	
.0	2.5	8.1	40.0	42.8	6.7	.79				360	
.0	.0	1.4	23.0	55.8	19.8	.84				369	
.0	.0	.8	15.0	57.0	27.2	.86				386	
.0	1.0	.55	37.9	79.6	26.6	.83				1506	

PERIOD: (PRIMARY) 1927-1971
(OVER-ALL) 1957-1971

JUNE

AREA 0003 NHA TRANG
12.0N 109.7E

TABLE 17

PCT FREQ OF ALL TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TEMP DIF	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	WFO
11/13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-7/-8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-9/-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-11/-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCT	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

PERIOD: (OVER-ALL) 1965-1971 JUNE AREA 0003, NWA TARMG
12.0M 109.7E

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.1	.4	.0	.0	.0	.0	.5	.6	.0	.0	.0	.0	.5
4	.1	.4	.1	.0	.0	.0	.2	.4	.1	.0	.0	.0	.7
12	.0	.2	.3	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	1.0	.3	.0	.0	.0	.2	1.1	.1	.0	.0	.0	1.4

HGT	E				SE				PCT				
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.2	1.0	.0	.0	.0	.0	.2	1.7	1.9	.0	.0	.0	2.1
4	.0	.3	.1	.0	.0	.0	.0	1.6	1.9	.0	.0	.0	3.4
12	.2	.0	.1	.0	.0	.0	.0	.0	1.1	.0	.0	.0	1.1
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.4	1.9	.2	.0	.0	.0	.3	3.3	3.0	.0	.0	.0	6.6

PERIOD: (OVER-ALL) 1963-1971

JUNE

TABLE 18

AREA 0003 MMA TRANG
12.0M 109.7E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-4	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-4	.4	2.8	.1	.0	.0	.0	3.3	.4	3.3	.3	.0	.0	.0	4.1
1-5	.5	7.4	6.5	.0	.0	.0	14.4	.3	7.8	8.5	.0	.0	.0	16.6
3-4	.0	2.6	6.2	.6	.0	.0	9.5	.0	3.0	7.6	.0	.0	.0	11.3
5-6	.0	.0	2.5	.1	.0	.0	2.6	.0	.3	4.2	1.4	.0	.0	5.9
7	.0	.0	.5	.4	.0	.0	.9	.0	.0	1.2	.8	.1	.0	2.1
8-9	.0	.0	.1	.0	.0	.0	.1	.0	.0	.4	.7	.0	.0	1.2
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.9	12.8	16.0	1.1	.0	.0	30.7	.7	14.4	22.3	3.9	.1	.0	41.5

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.1	1.1	.0	.0	.0	.0	1.3	.2	1.4	.0	.0	.0	.0	1.4
1-2	.0	3	2.2	.0	.0	.0	5.8	.0	1.2	.3	.0	.0	.0	1.7
3-4	.1	6	2.0	.3	.0	.0	3.0	.0	.0	.3	.0	.0	.0	.3
5-6	.0	.0	.7	.1	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.2	.3	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	5.3	5.3	.8	.0	.0	11.6	.2	1.6	.5	.0	.0	.0	2.4

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12.0M 109.7C

JUNE

PERIOD: (OVER-ALL) 1963-1971

TABLE 10 (CONT)

WIND SPEED (KTS)	VS SEA HEIGHT (FT)						TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	
MGT	0-3	4-10	11-21	22-33	34-47	48+	PCT
61	3.9	11.3	.5	.0	.0	.0	15.7
1-2	1.5	23.1	19.5	.0	.0	.0	44.1
3-4	.3	6.4	17.4	1.7	.0	.0	25.0
5-6	.0	.3	7.3	1.6	.0	.0	9.2
7	.0	.0	1.9	1.5	.1	.0	3.5
8-9	.0	.0	.5	.2	.0	.0	1.3
10-11	.0	.0	.1	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.1	.0	.0	.1
17-19	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0
TOT PCT	5.7	41.1	47.3	5.8	.1	.0	100.0
							953

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																		TOTAL	MEAN HGT	
	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+			
6	2.0	31.0	26.8	6.1	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	761	3
6-7	.0	1.3	2.8	5.0	.6	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	150	5
8-9	.0	.1	.5	.4	.3	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	36	7
10-11	.0	.0	.0	.0	.3	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8	9
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	7
IMDET	8.1	2.5	1.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	149	1
TOTAL	121	367	353	132	25	5	3	3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1106	3
PCT	10.9	35.0	31.9	11.9	2.3	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

JULY

PERIOD: (001M-07), 1928-1971
(OVER-ALL), 1957-1971

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12.1M 109.7E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHWR	RAIN SHWR	DRZL PCPN	PRECIPITATION TYPE				MAIL PCPN	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					F00 PCPN	SMKE PCPN	DUST PCPN	BLMG PCPN	SIG PCPN	
N	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1.3
NE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1.5
E	1	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2.3
SE	1	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2.3
S	2	1	1	0	0	0	0	0	3	0	0	0	0	0	0	0	7.5
SW	1.1	0.6	2	0	0	0	0	0	1.9	0	0	0	0	0	0	0	25.1
W	0	0	2	0	0	0	0	0	1.3	0	0	0	0	0	0	0	39.2
NW	2	1	1	0	0	0	0	0	4	0	0	0	0	0	0	0	12.7
VAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.1
CALM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1.2
TOT OBS	60	34	15	0	0	0	0	0	1	110	28	1	0	0	0	0	219.7
TOT PCT	2.6	1.5	0.6	0	0	0	0	0	4.7	1.2	0.3	0	0	0	0	0	93.8

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHWR	RAIN SHWR	DRZL PCPN	PRECIPITATION TYPE				MAIL PCPN	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					F00 PCPN	SMKE PCPN	DUST PCPN	BLMG PCPN	SIG PCPN	
0000	2.0	0.5	0.7	0	0	0	0	0	3.3	0	0	0	0	0	0	0	96.5
0600	2.0	0.9	0.7	0	0	0	0	0	3.6	0	0	0	0	0	0	0	95.7
1200	3.4	2.7	0.7	0	0	0	0	0	6.8	0	0	0	0	0	0	0	90.2
1800	3.1	1.6	0.5	0	0	0	0	0	5.2	0	0	0	0	0	0	0	92.4
TOT	62	34	15	0	0	0	0	0	1	112	30	1	0	0	0	0	221.9
PCT	2.6	1.4	0.6	0	0	0	0	0	4.7	1.2	0.3	0	0	0	0	0	93.7

JULY

PERIOD: (PRIMARY) 1928-1971
(OVER-ALL) 1857-1971

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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT FREQ	MEAN SPD	00	03	06	09	12	15
N	.2	.7	.3	.0	.0	.0	.0	1.3	7.6	1.8	.9	2.2	.5	1.0	.0
NE	.6	.8	.2	.0	.0	.0	.0	2.3	5.5	2.3	2.4	2.4	2.5	.9	.5
E	.2	1.6	.3	.0	.0	.0	.0	2.2	7.2	1.6	12.2	4.0	2.9	3.6	.9
SE	.7	4.5	1.5	.1	.0	.0	.0	6.9	8.1	3.9	10.3	10.3	10.9	8.6	4.4
S	1.1	12.6	10.1	1.3	.1	.0	.0	25.2	11.2	20.0	23.2	25.3	35.0	29.7	26.5
SW	1.0	13.3	22.0	7.9	.4	.0	.0	44.7	14.8	46.2	46.1	40.6	37.2	43.0	50.5
W	.7	5.2	6.0	1.6	.2	.0	.0	13.7	13.2	17.4	10.6	11.5	9.7	9.5	13.6
NW	.3	1.8	.7	.0	.0	.0	.0	2.9	8.5	4.7	.7	1.9	.2	2.6	3.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	1.6	13.2	13.5	3.6	.4	.0	.0	1.6	.0	2.2	2.6	1.4	1.6	.0	.0
TOT OBS	216	1332	1355	360	24	0	3287	100.0	12.4	542	191	560	311	531	194
TOT PCT	6.6	40.5	41.2	11.0	.7	.0				100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-6	7-16	17-27	28-40	41+	TOTAL	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18
N	.7	.5	.1	.0	.0	.0	1.3	7.6	1.5	1.5	1.6	.7	1.2	.0	.0
NE	1.2	.4	.0	.0	.0	.0	1.6	5.5	2.6	2.6	2.4	.8	.7	.0	.0
E	1.1	1.0	.1	.0	.0	.0	2.2	7.2	1.7	1.7	3.4	2.8	.9	.0	.0
SE	2.9	3.8	.2	.0	.0	.0	6.9	8.1	5.6	10.7	10.7	7.6	2.9	.0	.0
S	5.7	14.7	4.4	.3	.0	.0	25.2	11.2	20.8	28.9	28.9	20.6	22.3	.0	.0
SW	5.1	21.9	15.5	2.1	.0	.0	44.7	14.8	46.2	39.4	39.4	45.0	48.0	.0	.0
W	2.5	6.7	4.0	.4	.0	.0	13.7	13.2	15.7	10.9	10.9	10.6	17.1	.0	.0
NW	1.3	1.5	.1	.0	.0	.0	2.9	8.5	3.6	1.3	1.3	3.3	3.8	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	1.6	16.0	80.1	93	1	3287	100.0	12.4	2.3	733	1.5	.6	2.0	.0	.0
TOT OBS	729	50.5	24.5	2.0	.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOT PCT	22.2	16.0	80.1	93	1	3287	100.0	12.4	733	1.5	.6	2.0	2.0	.0	.0

PERIOD: (PRIMARY) 1920-1971
(OVER-ALL) 1057-1971

JULY

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TABLE 4

HOUR	CALM	PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)						PCT FREQ	
		1-3	4-10	WIND SPEED (KNOTS)			48+		MEAN
				11-21	22-37	34-47			
00003	2.3	5.9	40.2	39.0	11.9	.7	.0	12.2	100.0
06009	1.5	5.5	38.1	43.2	10.8	.9	.0	12.5	100.0
12015	.6	4.0	43.0	42.5	9.4	.6	.0	12.3	100.0
18021	2.0	4.5	41.0	40.2	11.6	.7	.0	12.4	100.0
TOT	53	163	1332	1355	360	24	.0	12.4	100.0
PCT	1.6	5.0	40.5	41.2	11.0	.7	.0	100.0	

TABLE 5

WIND DIR	PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)						TOTAL	OBS	MEAN
	0-2	3-4	5-7	8-4	OBSCD	COVER			
M	1	.3	.6	.5	.5	6.0			
MC	.4	.4	.9	.5	.5	5.4			
C	.4	.6	1.4	.4	.4	5.1			
SC	1.6	1.5	4.1	1.2	.4	5.0			
S	6.0	6.0	8.1	3.4	.4	4.3			
SW	7.3	8.4	14.9	9.4	.4	5.1			
W	1.9	2.6	5.6	5.1	.3	5.7			
MM	.6	.7	1.6	1.3	.3	5.7			
VAR	.0	.0	.0	.0	.0	.0			
CALM	.4	.3	.4	.2	.2	4.6			
TOT OBS	315	342	615	361	1633	5.0			
TOT PCT	19.3	20.9	37.7	22.1	100.0				

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH 3408) AND OCCURRENCE OF MH 4578 BY WIND DIRECTION																																
	300			600			1000			2000			3500			5000			6500			8000+			MH 4578			TOTAL				
	599	999	1499	1999	2499	2999	3499	3999	4499	4999	5499	5999	6499	6999	7499	7999	8499	8999	9499	9999	10499	10999	11499	11999	12499	12999	13499	13999	14499	14999		
M	.0	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
C	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.6	.3	.3	.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	
TOT OBS	10	54	104	184	197	31	15	22	21	1092	1633	100.0																				

PERIOD: (PRIMARY) 1928-1971
(OVER-ALL) 1957-1971

JULY

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM > 4/8) AND VSOY (MM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	= OR > 1	= OR > 1/2	= OR > 1/4	= OR > 0
= OR > 6500	2.4	2.6	2.6	2.6	2.6	2.6	2.6
= OR > 5000	3.2	3.5	3.5	3.5	3.5	3.5	3.5
= OR > 3500	4.0	5.3	5.3	5.3	5.3	5.3	5.3
= OR > 2000	14.0	17.1	17.3	17.3	17.3	17.3	17.3
= OR > 1000	20.9	28.1	28.4	28.5	28.5	28.5	28.5
= OR > 600	23.1	31.4	31.7	31.8	31.8	31.8	31.8
= OR > 300	23.5	32.0	32.3	32.4	32.4	32.4	32.4
= OR > 150	23.5	32.0	32.4	32.4	32.4	32.4	32.4
= OR > 0	24.0	32.4	32.8	32.9	32.9	32.9	32.9
TOTAL	396	536	542	543	543	544	544

TOTAL NUMBER OF OBS: 1652

PCT FREQ MM < 5/8: 67.1

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	00SCD	TOTAL OBS
6.3	15.0	24.3	13.5	7.5	6.7	10.0	5.2	9.8	.1	1720	

PERIOD: (PRIMARY) 1928-1971
(OVER-ALL) 1857-1971

JULY

AREA 0003 NHA TRANG
12.1M 109.7E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL BAS
PCP	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	
M8 PCP	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	
T8T M	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.2	
PCP	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	
M8 PCP	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	
T8T M	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.2	
PCP	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	
M8 PCP	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	
T8T M	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.2	
PCP	.1	.1	.1	.2	.2	.9	.9	.1	.0	.1	2.5	
M8 PCP	.1	.1	.2	1.2	3.6	6.4	2.6	.9	.0	.3	15.5	
T8T M	.1	.2	.3	1.4	3.8	7.3	3.5	1.0	.0	.3	17.9	
PCP	.1	.0	.1	.1	.1	.8	.3	.1	.0	.0	1.7	
M8 PCP	1.2	1.4	2.0	6.3	21.6	33.4	10.2	2.2	.0	.9	79.4	
T8T M	1.3	1.4	2.2	6.4	21.8	34.2	10.5	2.4	.0	.9	81.0	
T8T BAS	1.4	1.6	2.5	7.9	25.7	41.9	14.2	3.5	.0	1.3	100.0	2343

PERIOD: (PRIMARY) 1928-1971
(OVER-ALL) 1857-1971

JULY

AREA 0003 MHA TRNG
12.1M 105.7E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	SPD KTS	M	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT OBS	TOTAL OBS
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1.2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2.5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10+	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS		1.2	1.5	2.2	7.5	25.9	43.1	14.0	3.2	.0	1.3	100.0	2702

PERIOD: (PRIMARY) 1928-1971
 (OVER-ALL) 1957-1971

JULY

AREA 0003 MHA TRANG
 12.1N 109.7E

TABLE 10
 PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MH > 4/8) AND
 OCCURRENCE OF RH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 294	300 593	350 999	400 1999	450 3499	500 4999	550 6499	600 7999	650 8999	700 9999	TOTAL MH < 5/8 ANY HGT 885	TOTAL MH < 5/8 ANY HGT 885
00403	.5	.0	.9	3.2	8.0	9.1	2.0	1.1	2.3	3.0	30.0	70.0	440
06409	.5	.0	.5	3.3	10.3	10.3	2.2	.7	1.0	.0	28.7	71.3	418
12415	.5	.0	.2	2.9	12.7	14.2	1.4	1.0	1.7	1.2	35.8	64.2	416
18421	.2	.2	.7	3.5	12.7	12.7	1.6	.7	.2	.7	33.2	66.8	434
TOT	7	1	10	55	186	197	31	15	22	21	545	1163	1708
PCT	.4	.1	.6	3.2	10.9	11.5	1.8	.9	1.3	1.2	31.9	68.1	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	< 1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL 885
00403	.0	.0	.0	.2	16.0	63.8	426
06409	.0	0	2	.5	12.8	86.4	405
12415	2	0	.0	1.5	21.6	76.6	402
18421	.0	.0	.0	1.0	20.5	78.6	420
TOT	1	0	1	13	293	1345	1653
PCT	.1	.0	.1	.8	17.7	81.4	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
 CEILING HGT (FEET-MH > 4/8) BY HOUR

HOUR (GMT)	< 150 (5070)	< 500 (1)	< 1000 (5)	< 1000+ AND 54	MH < 5/8 AND 54	TOTAL 885
00403	.5	1.4	4.9	26.1	69.0	426
06409	.5	1.0	4.9	24.9	70.1	405
12415	.6	1.0	5.5	32.1	82.4	402
18421	.5	1.4	6.0	29.3	84.8	420
TOT	8	20	88	484	1101	1653
PCT	.5	1.2	5.3	28.1	66.6	100.0

JULY

PERIOD: (PRIMARY) 1926-1971
(OVER-ALL) 1957-1971

AREA 0003 NHA TRANG
12.1N 109.7E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
95/99	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	1	.1
90/94	.0	.0	.2	.2	.9	.7	.2	.2	.2	.3	39	2.4
85/89	.0	.0	.0	.3	2.6	9.1	5.4	.9	.9	299	18.2	.3
80/84	.0	.0	.0	.1	1.6	16.2	39.7	11.6	133	89.1	133	89.1
75/79	.0	.0	.0	.0	.0	.1	4.4	5.6	166	10.1	166	10.1
70/74	.0	.0	.0	.0	.0	.0	.0	.1	1	.1	1	.1
TOTAL	.0	.0	.4	10	62	428	815	300	1639	100.0	1639	100.0
PCT	.0	.0	.2	.6	5.0	26.1	49.7	18.3				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
N	NE	E	SE	S	SW	W	NW	VAR	CALM
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	.2	.2	.8	.7	.4	.0	.0	.0
.3	.7	.9	3.0	5.2	5.7	1.7	.3	.0	.0
1.5	1.1	1.7	5.0	16.2	28.9	11.0	2.7	.0	.9
.0	.2	.1	.1	1.5	4.8	2.1	.9	.0	.3
.0	.1	.0	.0	.0	.0	.0	.0	.0	.0
1.8	2.1	3.0	8.3	23.8	40.2	15.2	4.0	.0	1.6

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS		
00403	95	88	86	82	79	76	73	82.2	756		
06409	95	92	90	84	79	78	75	81.9	860		
12415	93	88	86	82	78	77	73	82.1	723		
18421	92	86	84	81	77	75	73	81.2	952		
TOT	95	90	87	82	78	76	73	82.4	3271		

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR									
HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS	
00403	.0	1.2	6.9	22.9	55.0	14.0	82	420	
06409	.0	1.7	11.4	45.5	32.7	8.7	78	404	
12415	.0	.5	1.0	19.8	59.3	19.3	84	393	
18421	.0	.0	.7	17.0	52.5	29.8	86	442	
TOT	0	14	82	433	828	302	83	1659	

PERIOD: (PRIMARY) 1920-1971
(OVER-ALL) 1857-1971

JULY

TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AREA 0003 ANA TRANG
12.1M 109.7E

AIR-SEA TEMP DIF	73	77	81	85	89	93	95	TOT	M	W	W8
	76	80	84	88	92	96		FOG	FOG	FOG	FOG
14/16	.0	.0	.0	.0	.0	.0	.0	1	.0	.0	.0
11/13	.0	.0	.0	.0	.0	.0	.0	11	.0	.0	.0
9/10	.0	.0	.0	.0	.0	.0	.0	19	.0	.0	.0
7/8	.0	.0	.0	.0	.0	.0	.0	47	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	28	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	83	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	132	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	265	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	151	.0	.0	.0
1	.0	.0	.0	.0	.0	.0	.0	454	.0	.0	.0
0	.0	.0	.0	.0	.0	.0	.0	205	.0	.0	.0
-1	.0	.0	.0	.0	.0	.0	.0	297	.0	.0	.0
-2	.0	.0	.0	.0	.0	.0	.0	103	.0	.0	.0
-3	.0	.0	.0	.0	.0	.0	.0	84	.0	.0	.0
-4	.0	.0	.0	.0	.0	.0	.0	43	.0	.0	.0
-5	.0	.0	.0	.0	.0	.0	.0	38	.0	.0	.0
-6	.0	.0	.0	.0	.0	.0	.0	6	.0	.0	.0
-7/-9	.0	.0	.0	.0	.0	.0	.0	4	.0	.0	.0
-9/-10	.0	.0	.0	.0	.0	.0	.0				
-11/-12	.0	.0	.0	.0	.0	.0	.0				
TOTAL	1.0	18.9	62.4	14.4	2.8	.3		2190			100.0

PERIOD: (OVER-ALL) 1963-1971

JULY

TABLE 18

AREA 0003 MHA TRANG
12.1M 109.7E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.1	.6	.2	.0	.0	.0	.7	.9	.3	.0	.0	.0	.0	1.1
2	.2	.7	.2	.0	.0	.0	1.0	.2	.7	.2	.0	.0	.0	1.1
3	.4	.0	.1	.0	.0	.0	.3	.1	.1	.1	.0	.0	.0	.0
4	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
5	.6	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	1.3	.7	.0	.0	.0	2.2	1.1	1.1	.2	.0	.0	.0	2.5

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.2	.9	.1	.0	.0	.0	1.2	.5	2.1	.0	.0	.0	.0	2.6
2	.0	.9	.0	.0	.0	.0	.9	.2	2.4	1.0	.0	.0	.0	3.5
3	.0	.0	.2	.0	.0	.0	.2	.0	.0	.7	.0	.0	.0	1.4
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	1.0	.5	.0	.0	.0	2.4	.6	5.3	1.7	.1	.0	.0	7.6

PERIOD: (OVER-ALL) 1963-1971

JULY

AREA 0003 NHA TRANG
12.1M 109.7E

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

101	1-3	1-3	4-10	11-21	22-33	34-47	48+	101	1-3	4-10	11-21	22-33	34-47	48+	101
102	1-3	1-3	4-10	11-21	22-33	34-47	48+	102	1-3	4-10	11-21	22-33	34-47	48+	102
103	1-3	1-3	4-10	11-21	22-33	34-47	48+	103	1-3	4-10	11-21	22-33	34-47	48+	103
104	1-3	1-3	4-10	11-21	22-33	34-47	48+	104	1-3	4-10	11-21	22-33	34-47	48+	104
105	1-3	1-3	4-10	11-21	22-33	34-47	48+	105	1-3	4-10	11-21	22-33	34-47	48+	105
106	1-3	1-3	4-10	11-21	22-33	34-47	48+	106	1-3	4-10	11-21	22-33	34-47	48+	106
107	1-3	1-3	4-10	11-21	22-33	34-47	48+	107	1-3	4-10	11-21	22-33	34-47	48+	107
108	1-3	1-3	4-10	11-21	22-33	34-47	48+	108	1-3	4-10	11-21	22-33	34-47	48+	108
109	1-3	1-3	4-10	11-21	22-33	34-47	48+	109	1-3	4-10	11-21	22-33	34-47	48+	109
110	1-3	1-3	4-10	11-21	22-33	34-47	48+	110	1-3	4-10	11-21	22-33	34-47	48+	110
111	1-3	1-3	4-10	11-21	22-33	34-47	48+	111	1-3	4-10	11-21	22-33	34-47	48+	111
112	1-3	1-3	4-10	11-21	22-33	34-47	48+	112	1-3	4-10	11-21	22-33	34-47	48+	112
113	1-3	1-3	4-10	11-21	22-33	34-47	48+	113	1-3	4-10	11-21	22-33	34-47	48+	113
114	1-3	1-3	4-10	11-21	22-33	34-47	48+	114	1-3	4-10	11-21	22-33	34-47	48+	114
115	1-3	1-3	4-10	11-21	22-33	34-47	48+	115	1-3	4-10	11-21	22-33	34-47	48+	115
116	1-3	1-3	4-10	11-21	22-33	34-47	48+	116	1-3	4-10	11-21	22-33	34-47	48+	116
117	1-3	1-3	4-10	11-21	22-33	34-47	48+	117	1-3	4-10	11-21	22-33	34-47	48+	117
118	1-3	1-3	4-10	11-21	22-33	34-47	48+	118	1-3	4-10	11-21	22-33	34-47	48+	118
119	1-3	1-3	4-10	11-21	22-33	34-47	48+	119	1-3	4-10	11-21	22-33	34-47	48+	119
120	1-3	1-3	4-10	11-21	22-33	34-47	48+	120	1-3	4-10	11-21	22-33	34-47	48+	120
121	1-3	1-3	4-10	11-21	22-33	34-47	48+	121	1-3	4-10	11-21	22-33	34-47	48+	121
122	1-3	1-3	4-10	11-21	22-33	34-47	48+	122	1-3	4-10	11-21	22-33	34-47	48+	122
123	1-3	1-3	4-10	11-21	22-33	34-47	48+	123	1-3	4-10	11-21	22-33	34-47	48+	123
124	1-3	1-3	4-10	11-21	22-33	34-47	48+	124	1-3	4-10	11-21	22-33	34-47	48+	124
125	1-3	1-3	4-10	11-21	22-33	34-47	48+	125	1-3	4-10	11-21	22-33	34-47	48+	125
126	1-3	1-3	4-10	11-21	22-33	34-47	48+	126	1-3	4-10	11-21	22-33	34-47	48+	126
127	1-3	1-3	4-10	11-21	22-33	34-47	48+	127	1-3	4-10	11-21	22-33	34-47	48+	127
128	1-3	1-3	4-10	11-21	22-33	34-47	48+	128	1-3	4-10	11-21	22-33	34-47	48+	128
129	1-3	1-3	4-10	11-21	22-33	34-47	48+	129	1-3	4-10	11-21	22-33	34-47	48+	129
130	1-3	1-3	4-10	11-21	22-33	34-47	48+	130	1-3	4-10	11-21	22-33	34-47	48+	130
131	1-3	1-3	4-10	11-21	22-33	34-47	48+	131	1-3	4-10	11-21	22-33	34-47	48+	131
132	1-3	1-3	4-10	11-21	22-33	34-47	48+	132	1-3	4-10	11-21	22-33	34-47	48+	132
133	1-3	1-3	4-10	11-21	22-33	34-47	48+	133	1-3	4-10	11-21	22-33	34-47	48+	133
134	1-3	1-3	4-10	11-21	22-33	34-47	48+	134	1-3	4-10	11-21	22-33	34-47	48+	134
135	1-3	1-3	4-10	11-21	22-33	34-47	48+	135	1-3	4-10	11-21	22-33	34-47	48+	135
136	1-3	1-3	4-10	11-21	22-33	34-47	48+	136	1-3	4-10	11-21	22-33	34-47	48+	136
137	1-3	1-3	4-10	11-21	22-33	34-47	48+	137	1-3	4-10	11-21	22-33	34-47	48+	137
138	1-3	1-3	4-10	11-21	22-33	34-47	48+	138	1-3	4-10	11-21	22-33	34-47	48+	138
139	1-3	1-3	4-10	11-21	22-33	34-47	48+	139	1-3	4-10	11-21	22-33	34-47	48+	139
140	1-3	1-3	4-10	11-21	22-33	34-47	48+	140	1-3	4-10	11-21	22-33	34-47	48+	140
141	1-3	1-3	4-10	11-21	22-33	34-47	48+	141	1-3	4-10	11-21	22-33	34-47	48+	141
142	1-3	1-3	4-10	11-21	22-33	34-47	48+	142	1-3	4-10	11-21	22-33	34-47	48+	142
143	1-3	1-3	4-10	11-21	22-33	34-47	48+	143	1-3	4-10	11-21	22-33	34-47	48+	143
144	1-3	1-3	4-10	11-21	22-33	34-47	48+	144	1-3	4-10	11-21	22-33	34-47	48+	144
145	1-3	1-3	4-10	11-21	22-33	34-47	48+	145	1-3	4-10	11-21	22-33	34-47	48+	145
146	1-3	1-3	4-10	11-21	22-33	34-47	48+	146	1-3	4-10	11-21	22-33	34-47	48+	146
147	1-3	1-3	4-10	11-21	22-33	34-47	48+	147	1-3	4-10	11-21	22-33	34-47	48+	147
148	1-3	1-3	4-10	11-21	22-33	34-47	48+	148	1-3	4-10	11-21	22-33	34-47	48+	148
149	1-3	1-3	4-10	11-21	22-33	34-47	48+	149	1-3	4-10	11-21	22-33	34-47	48+	149
150	1-3	1-3	4-10	11-21	22-33	34-47	48+	150	1-3	4-10	11-21	22-33	34-47	48+	150
151	1-3	1-3	4-10	11-21	22-33	34-47	48+	151	1-3	4-10	11-21	22-33	34-47	48+	151
152	1-3	1-3	4-10	11-21	22-33	34-47	48+	152	1-3	4-10	11-21	22-33	34-47	48+	152
153	1-3	1-3	4-10	11-21	22-33	34-47	48+	153	1-3	4-10	11-21	22-33	34-47	48+	153
154	1-3	1-3	4-10	11-21	22-33	34-47	48+	154	1-3	4-10	11-21	22-33	34-47	48+	154
155	1-3	1-3	4-10	11-21	22-33	34-47	48+	155	1-3	4-10	11-21	22-33	34-47	48+	155
156	1-3	1-3	4-10	11-21	22-33	34-47	48+	156	1-3	4-10	11-21	22-33	34-47	48+	156
157	1-3	1-3	4-10	11-21	22-33	34-47	48+	157	1-3	4-10	11-21	22-33	34-47	48+	157
158	1-3	1-3	4-10	11-21	22-33	34-47	48+	158	1-3	4-10	11-21	22-33	34-47	48+	158
159	1-3	1-3	4-10	11-21	22-33	34-47	48+	159	1-3	4-10	11-21	22-33	34-47	48+	159
160	1-3	1-3	4-10	11-21	22-33	34-47	48+	160	1-3	4-10	11-21	22-33	34-47	48+	160
161	1-3	1-3	4-10	11-21	22-33	34-47	48+	161	1-3	4-10	11-21	22-33	34-47	48+	161
162	1-3	1-3	4-10	11-21	22-33	34-47	48+	162	1-3	4-10	11-21	22-33	34-47	48+	162
163	1-3	1-3	4-10	11-21	22-33	34-47	48+	163	1-3	4-10	11-21	22-33	34-47	48+	163
164	1-3	1-3	4-10	11-21	22-33	34-47	48+	164	1-3	4-10	11-21	22-33	34-47	48+	164
165	1-3	1-3	4-10	11-21	22-33	34-47	48+	165	1-3	4-10	11-21	22-33	34-47	48+	165
166	1-3	1-3	4-10	11-21	22-33	34-47	48+	166	1-3	4-10	11-21	22-33	34-47	48+	166
167	1-3	1-3	4-10	11-21	22-33	34-47	48+	167	1-3	4-10	11-21	22-33	34-47	48+	167
168	1-3	1-3	4-10	11-21	22-33	34-47	48+	168	1-3	4-10	11-21	22-33	34-47	48+	168
169	1-3	1-3	4-10	11-21	22-33	34-47	48+	169	1-3	4-10	11-21	22-33	34-47	48+	169
170	1-3	1-3	4-10	11-21	22-33	34-47	48+	170	1-3	4-10	11-21	22-33	34-47	48+	170
171	1-3	1-3	4-10	11-21	22-33	34-47	48+	171	1-3	4-10	11-21	22-33	34-47	48+	171
172	1-3	1-3	4-10	11-21	22-33	34-47	48+	172	1-3	4-10	11-21	22-33	34-47	48+	172
173	1-3	1-3	4-10	11-21	22-33	34-47	48+	173	1-3	4-10	11-21	22-33	34-47	48+	173
174	1-3	1-3	4-10	11-21	22-33	34-47	48+	174	1-3	4-10	11-21	22-33	34-47	48+	174
175	1-3	1-3	4-10	11-21	22-33	34-47	48+	175	1-3	4-10	11-21	22-33	34-47	48+	175
176	1-3	1-3	4-10	11-21	22-33	34-47	48+	176	1-3	4-10	11-21	22-33	34-47	48+	176
177	1-3	1-3	4-10	11-21	22-33	34-47	48+	177	1-3	4-10	11-21	22-33	34-47	48+	177
178	1-3	1-3	4-10	11-21	22-33	34-47	48+	178	1-3	4-10	11-21	22-33	34-47	48+	178
179	1-3	1-3	4-10	11-21	22-33	34-47	48+	179	1-3	4-10	11-21	22-33	34-47	48+	179
180	1-3	1-3	4-10	11-21	22-33	34-47	48+	180	1-3	4-10	11-21	22-33	34-47	48+	180
181	1-3	1-3	4-10	11-21	22-33	34-47	48+	181	1-3	4-10	11-21	22-33	34-47	48+	181
182	1-3	1-3	4-10	11-21	22-33	34-47	48+	182	1-3	4-10	11-21	22-33	34-47	48+	182
183	1-3	1-3	4-10	11-21	22-33	34-47	48+	183	1-3	4-10	11-21	22-33	34-47	48+	183
184	1-3	1-3	4-10	11-21	22-33	34-47	48+	184	1-3	4-10	11-21	22-33	34-47	48+	184
185	1-3	1-3	4-10	11-21	22-33	34-47	48+	185	1-3	4-10	11-21	22-33	34-47	48+	185
186	1-3	1-3	4-10	11-21	22-33	34-47	48+	186	1-3	4-10	11-21	22-33	34-47	48+	186

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.3	.7	.0	.0	.0	.0	2.6	.6	.9	.0	.0	.0	.0	1.5
4-10	.7	2.7	.0	.0	.0	.0	5.4	.1	.8	.5	.0	.0	.0	1.3
11-21	.0	1.1	.2	.0	.0	.0	4.0	.0	.5	.4	.1	.0	.0	1.1
22-33	.0	.1	.5	.7	.1	.0	1.5	.0	.0	.3	.0	.0	.0	.3
34-47	.0	.0	.1	.0	.0	.0	1.1	.0	.0	.1	.0	.0	.0	.1
48+	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.2	.7	.2	.1	.0	15.3	.7	2.2	1.3	.1	.0	.0	4.3
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.3	5.7	6.9	1.2	.2	.0	15.3	.7	2.2	1.3	.1	.0	.0	4.3

PERIOD: (OVER-ALL) 1963-1971

JULY

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TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
1	6.6	11.6	.2	.0	.0	.0	18.4	
1-2	1.4	19.2	17.4	.0	.0	.0	38.0	
3-4	.3	6.1	15.6	2.9	.0	.0	25.0	
5-6	.1	1.4	6.2	2.2	.1	.0	10.0	
7	.0	.2	2.7	2.4	.1	.0	5.3	
8-9	.0	.0	.8	.9	.0	.0	1.7	
10-11	.0	.0	.3	.7	.1	.0	1.1	
12	.0	.0	.1	.1	.1	.0	.3	
13-16	.0	.0	.0	.2	.1	.0	.3	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	8.2	38.5	43.3	9.4	.4	.0	100.0	
							1126	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																		TOTAL HGT	
	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+		
6	2.5	24	7	20.3	6.7	2.9	1.0	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	799	3
6-7	.0	1.6	3.5	3.3	.9	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	185	5
8-9	.1	.5	.2	.9	1.5	1.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	70	7
10-11	.0	.0	.1	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	9
12-13	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	2
13	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	11
INDET	13.3	2.4	2.7	.8	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	283	1
TOTAL	15.6	29	6	26.8	11.8	8.7	3.8	1.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1357	3
PCT	15.6	29	6	26.8	11.8	8.7	3.8	1.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

[illegible]

HOUR (GMT)	PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR													TOTAL OBS
	RAIN SHR	RAIN SHR	DRZL PCPN	PRECIPITATION TYPE	MAIL PCPN	PCT FREQ AT 00 TIME	TOTAL OBS	THDR LYNG	OTHER WFO	WEATHER PHENOMENA	NO	SIG	WEA	
000003	1.1	.2	.2	.0	.0	1.8								
000409	1.5	.6	.4	.0	.0	2.5		.0	.0	.4	.2	97.7		
000615	1.6	.5	.9	.0	.0	3.0		.0	.0	.0	.0	96.0		
000821	1.9	.7	.3	.0	.0	2.9		2.5	.2	.4	.0	94.2		
001031	3.4	1.1	1.2	.0	.0			2.7	.0	.2	.0	94.2		
001237	1.5	.5	.5	.0	.0	2.5	57	3.0	1	.9	1	2149		
001443				.0	.0			1.3	.2	.4	.2	95.7		

PERIOD (PRIMARY) 1920-1971 AUGUST
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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	0-3	WIND SPEED (KNOTS)					40+ TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)											
		4-10	11-21	22-33	34-47	48+				00	03	06	09	12	15	18	21				
M	3	7	2	0	0	0	0	12	6.9	19	6	22	7	6	8	9	10				
NE	4	12	1	0	0	0	0	16	5.9	14	23	17	26	16	22	14	6				
E	5	14	2	0	0	0	0	20	6.6	13	29	20	39	18	22	17	6				
SE	5	16	0	0	0	0	0	49	7.6	17	66	58	93	71	47	31	25				
S	12	13	10	1	0	0	0	26	10.8	17	27	26	30	33	29	22	24				
SW	10	13	25	6	3	0	0	47	14.5	51	50	44	42	46	42	49	49				
W	7	4	6	1	1	0	0	12	12.9	18	7	12	7	2	14	15	14				
NW	3	16	5	0	0	0	0	24	8.3	43	6	20	6	17	3	2	5				
VAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
CALM	21	1274	1370	272	14	0	3149	21	0	25	12	23	23	6	6	26	36				
TOT OBS	219		435	86	4	0		100.0	12.2	525	173	575	303	527	179	532	335				
TOT PCT	70	405								100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

TABLE 3A

WIND DIR		0-6	7-16	17-27	28-40	41+ TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)											
		0-6	7-16	17-27	28-40	41+ TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18	21				
M	6	6	0	0	0	0	12	6.9	16	16	17	7	7	7	10	10				
NE	10	6	0	0	0	0	16	5.9	16	16	20	20	10	10	11	11				
E	12	6	0	0	0	0	20	6.6	17	29	32	39	19	19	13	13				
SE	22	6	1	0	0	0	49	7.6	29	70	70	65	65	29	29	29				
S	62	15	4	2	0	0	26	10.8	20	28	28	32	32	32	36	36				
SW	51	24	16	1	1	1	47	14.5	51	50	43	46	46	49	49	49				
W	24	6	2	9	4	1	12	12.9	15	7	10	6	8	14	14	14				
NW	10	1	3	1	0	0	24	8.3	34	6	15	2	2	2	2	2				
VAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
CALM	21	1642	747	72	23	3149	21	0	21	21	23	23	6	6	30	30				
TOT OBS	602		521	237	23		100.0	12.2	698	678	706	706	678	678	867	867				
TOT PCT	217								100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

PERIOD: (PRIMARY) 1920-1971
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TABLE 4

HOUR	PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)										TOTAL OBS
	CALM	1-3	4-10	11-21	22-23	34-47	40+	MEAN	PCT FREQ	PCT FREQ	
0003	2.1	5.9	41.7	42.7	7.3	.3	.0	11.7	100.0		698
0609	2.3	6.7	38.4	41.6	10.6	.5	.0	12.3	100.0		678
1215	.6	2.5	41.8	46.6	8.1	.4	.0	12.6	100.0		706
1821	3.0	4.2	40.5	43.6	8.2	.6	.0	12.0	100.0		667
TOT	65	154	1274	1370	272	14	.0	12.2			3149
PCT	2.1	4.9	40.5	43.5	8.6	.4	.0		100.0		

TABLE 5

WIND DIR	PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION										TOTAL OBS
	0-2	3-4	5-7	8-4	0-50	MEAN CLOUD COVER	000	149	150	299	
N	.2	.3	.7	.4	.4	5.4	.1	.0	.0	.1	
NE	.2	.4	.8	.2	.2	5.0	.0	.0	.0	.1	
E	.2	.6	1.2	.4	.4	5.2	.0	.1	.0	.1	
SE	1.3	1.6	1.9	.4	.4	4.2	.0	.0	.0	.0	
S	7.1	6.7	9.1	2.4	.4	4.2	.0	.0	.0	.0	
SW	9.4	9.1	20.5	6.1	.9	4.8	.1	.0	.0	.0	
W	2.6	2.0	6.8	2.9	.9	5.2	.1	.0	.0	.0	
NW	.3	.5	1.6	.8	.8	5.7	.0	.0	.0	.0	
VAR	.0	.0	.0	.0	.0	5.0	.0	.0	.0	.0	
CALM	.2	.1	.4	.5	.5	5.3	.0	.0	.0	.0	
TOT OBS	317	316	635	207	1475	4.7	.3	.1	.1	.1	
TOT PCT	21.5	21.4	43.1	14.0	100.0						

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MVA 14/8) AND OCCURRENCE OF MVA 15/8 BY WIND DIRECTION												
WIND DIR	ANY MVA 15/8											
	000	149	150	299	300	500	1000	2000	3500	5000	6500	8000+
N	.1	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1
NE	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.1
E	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.1
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	4	1	1	10	131	29	149	37	49	32	20	1013
TOT PCT	.3	.1	.1	.7	2.0	8.9	10.1	2.5	3.3	2.2	1.4	68.7
												1475
												100.0

PERIOD: (PRIMARY) 1920-1971
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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM > 478) AND VSOY (MM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	= OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5
= OR > 5000	6.6	6.8	6.8	6.8	6.8	6.8	6.8	6.8
= OR > 3500	8.9	9.3	9.3	9.3	9.3	9.3	9.3	9.3
= OR > 2000	17.1	19.3	19.4	19.4	19.4	19.4	19.4	19.4
= OR > 1000	24.2	27.8	28.1	28.1	28.1	28.1	28.1	28.1
= OR > 600	25.3	29.6	29.9	30.0	30.0	30.0	30.0	30.0
= OR > 300	25.8	30.2	30.6	30.7	30.7	30.7	30.7	30.7
= OR > 150	26.0	30.3	30.6	30.8	30.8	30.8	30.8	30.8
= OR > 0	30.6	30.5	30.8	31.0	31.0	31.0	31.0	31.0
TOTAL	306	453	458	461	461	461	461	461

TOTAL NUMBER OF OBS: 1405

PCT FREQ MM < 578: 69.0

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	9	TOTAL OBS
9.2	12.4	23.2	13.7	11.1	7.4	10.1	5.9	6.8	.1	1559

PERIOD: (PRIMARY) 1920-1971
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TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
1/2<1	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
1<2	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
2<5	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
5<10	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
10+	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
TOT OBS	1.4	1.9	2.4	5.6	26.3	45.5	13.1	2.6	0	1.2	100.0	2232
TOT PCT	1.4	1.9	2.4	5.6	26.3	45.5	13.1	2.6	0	1.2	100.0	2232

PERIOD: (PRIMARY) 1928-1971
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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	SPD KTS	M	MC	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10+	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS		1.3	1.7	2.3	5.1	26.0	46.6	13.0	2.4	.3	1.6	100.0	2655

PERIOD: (PRIMARY) 1928-1971
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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MH >4/8) AND
OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MH <5/8 ANY HGT	TOTAL
00403	149	299	599	999	1999	3499	4999	6499	7999				
06409	.2	.0	.5	1.5	8.6	8.1	1.7	2.9	2.9	1.5	27.9	72.1	408
12415	.3	.3	.5	1.6	8.3	8.0	1.9	2.7	2.9	1.1	27.5	72.5	374
18421	.0	.0	1.0	1.0	9.5	12.6	3.6	3.9	2.3	1.8	35.8	64.2	388
TOT	.5	.0	.5	3.4	7.4	10.0	2.4	3.2	.0	.8	28.2	71.8	379
PCT	.4	.1	.6	1.9	8.5	9.7	2.4	3.2	.0	1.3	29.9	70.1	100.0

TABLE 11

PERCENT FREQUENCY VSBY (MH) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL
00403	.0	.0	.0	.5	7.7	91.8	391
06409	.0	.0	.0	.0	8.6	91.4	359
12415	.0	.0	.0	1.9	13.2	84.9	371
18421	.0	.0	.0	.5	14.2	84.4	365
TOT	.0	.0	.0	.7	10.9	88.2	1486
PCT	.0	.0	.0	.7	10.9	88.2	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (MH) AND/OR
CEILING HGT (FEET-MH >4/8) BY HOUR

HOUR (GMT)	<150 (5070)	<500 (11)	<1000 (5)	1000+ AND 5+	MH <5/8 AND 5+	TOTAL OBS
00403	.3	.8	2.8	26.6	70.6	391
06409	.3	1.1	2.5	25.9	71.6	359
12415	.3	1.3	4.0	34.8	61.2	371
18421	.5	1.1	5.5	23.8	70.7	365
TOT	.5	1.6	5.5	41.3	101.8	1486
PCT	.3	1.1	3.7	27.8	68.5	100.0

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PERIOD: (PRIMARY) 1928-1971
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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
95/99	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	2	.1
90/94	.0	.0	.0	.0	.3	1.9	.6	.5	.1	.1	51	3.4
85/89	.0	.0	.0	.1	1.8	9.3	5.9	1.3	.0	.0	278	18.3
80/84	.0	.0	.0	.1	.4	10.7	40.7	14.6	.0	.0	1006	66.4
75/79	.0	.0	.0	.0	.0	.1	4.9	6.9	.0	.0	178	11.7
TOTAL	.0	.0	.0	.6	65	314	764	346			1515	100.0
PCT	.0	.0	.0	.4	4.3	20.7	51.7	22.8				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	NW	VAR	CALM	
.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
.0	.1	.1	.4	1.3	.9	.4	.1	.0	.0	.0
.3	.2	.7	1.8	5.9	5.8	2.7	.6	.0	.4	.4
1.1	1.4	1.5	3.1	15.0	32.4	9.5	1.7	.0	.7	.7
.1	.1	.1	.1	1.0	6.8	2.2	.5	.0	.1	.1
1.6	1.8	2.4	5.4	24.1	45.9	14.7	3.0	.0	1.1	1.1

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS	
00403	92	90	86	82	78	76	73	82.2	694	685
05409	95	93	90	84	79	77	76	83.9	861	851
12415	90	88	85	82	78	76	75	82.1	700	700
18421	90	85	84	82	77	75	73	81.3	856	856
TOT	95	90	87	82	78	76	73	82.4	3111	3111

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS		
00403	.0	.3	3.7	20.9	52.1	23.0	84	382	382	382
05409	.0	.6	12.4	37.2	39.2	10.4	78	355	355	355
12415	.0	.5	1.3	15.5	55.3	27.4	86	384	384	384
18421	.0	.0	.5	11.3	59.2	29.0	86	387	387	387
TOT	.0	.6	65	318	791	346	84	1528	1528	1528

PERIOD: (PRIMARY) 1928-1971
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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	93	TOT	W	W0
	76	80	84	88	92	96	FOG	FOG	FOG
14/16	0	0	0	0	0	0	5	0	2
11/13	0	0	1	1	1	1	7	0	1
9/10	0	0	3	2	1	0	16	0	0
7/8	0	2	5	6	9	0	46	0	2
6	0	0	4	4	3	0	36	0	1
5	0	5	11	13	8	0	78	0	3
4	1	8	36	21	5	0	149	0	7
3	0	3	11	20	2	0	78	0	3
2	2	12	80	27	2	0	261	0	12
1	0	11	48	22	0	0	171	0	8
0	0	21	17	16	1	0	445	0	21
-1	0	8	59	8	0	0	159	0	7
-2	1	41	99	3	0	0	303	0	14
-3	1	15	30	1	0	0	99	0	4
-4	3	20	30	2	0	0	113	0	5
-5	1	16	15	0	0	0	69	0	3
-6	0	9	7	0	0	0	35	0	1
-7/-8	0	9	6	0	0	0	31	0	1
-9/-10	1	2	0	0	0	0	8	0	0
-11/-12	0	0	0	0	0	0	1	0	0
TOTAL							2100		
PCT	1.2	18.4	61.9	14.7	3.3	.5	100.0		100.0

PERIOD: (OVER-ALL) 1963-1571

AUGUST
TABLE 18

AREA 0003 MHA TRNG
12.0N 109.7E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	S					SM					PCT	48+	34-47	48+	PCT
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	34-47	48+	PCT
41	1.3	2.0	1.1	1.0	0.0	0.0	1.2	1.6	1.1	1.1	0.0	0.0	0.0	0.0	1.7
1-2	1.4	2.5	4.2	0.0	0.0	0.0	1.2	7.0	7.1	0.0	0.0	0.0	0.0	0.0	14.4
3-4	1.6	2.6	3.4	0.0	0.0	0.0	0.0	5.0	14.3	2.3	0.0	0.0	0.0	0.0	21.5
5-6	0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.4	4.2	1.1	0.0	0.0	0.0	0.0	5.7
7	0.0	0.1	0.5	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.7
8-9	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	1.1	0.0	0.0	0.0	0.0	0.0	0.8
10-11	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	1.1
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26-32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33-40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41-48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49-60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71-86	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87+	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT PCT	1.0	13.5	9.5	1.7	0.0	0.0	.3	14.1	28.1	5.4	.1	.0	.0	.0	48.0

HGT	M					NM					PCT	48+	34-47	48+	PCT
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	34-47	48+	PCT
41	1.3	1.6	1.1	0.0	0.0	0.0	1.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.6
1-2	1.4	3.6	1.7	0.0	0.0	0.0	1.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
3-4	0.0	0.6	3.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5-6	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-9	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26-32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33-40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41-48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49-60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71-86	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87+	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT PCT	.7	5.8	6.5	.8	.1	.0	.2	1.8	.6	.0	.0	.0	.0	.0	2.6

PERIOD: (OVER-ALL) 1963-1971 AUGUST AREA 0003 NHA TRANG 12.0M 109.7C

TABLE 18 (CONT)

WIND SPEED (KTS) VS SEA HEIGHT (FT)									
WGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT	885
61	2.8	7.1	.4	.0	.0	.0	10.3		
1-2	2.0	25.3	13.9	.0	.0	.0	41.2		
3-4	.1	8.9	21.6	3.1	.0	.0	33.8		
5-6	.0	.7	6.3	1.5	.1	.0	8.6		
7	.0	.1	2.7	.5	.1	.0	3.8		
8-9	.0	.1	.3	.6	.1	.0	1.1		
10-11	.0	.0	.6	.6	.0	.0	1.2		
12	.0	.0	.0	.0	.0	.0	.0		
13-16	.0	.0	.0	.1	.0	.0	.1		
17-19	.0	.0	.0	.0	.0	.0	.0		
20-22	.0	.0	.0	.0	.0	.0	.0		
23-25	.0	.0	.0	.0	.0	.0	.0		
26-32	.0	.0	.0	.0	.0	.0	.0		
33-40	.0	.0	.0	.0	.0	.0	.0		
41-48	.0	.0	.0	.0	.0	.0	.0		
49-60	.0	.0	.0	.0	.0	.0	.0		
61-70	.0	.0	.0	.0	.0	.0	.0		
71-86	.0	.0	.0	.0	.0	.0	.0		
87+	.0	.0	.0	.0	.0	.0	.0		
TOT PCT	4.9	42.2	45.7	6.9	.3	.0	100.0		1081

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)													
PERIOD (SEC)	41	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32
61	2.3	28.9	29.2	5.8	2.2	.4	.3	.0	.0	.0	.0	.0	.0
6-7	.0	1.5	4.2	3.8	1.8	1.1	.8	.2	.0	.0	.0	.0	.0
8-9	.0	.1	.5	.6	.8	.2	.4	.1	.1	.0	.0	.0	.0
10-11	.0	.2	.2	.0	.3	.1	.2	.1	.1	.0	.0	.0	.0
12-13	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	107	441	474	146	76	25	27	5	2	0	0	0	0
PCT	8.2	33.8	36.4	11.2	5.8	1.9	2.1	.4	.2	.0	.0	.0	.0
TOTAL	901	175	34	14	1	2	176	1303	100.0				
MEAN WGT	3	5	6	7	5	2	3						

SEPTEMBER

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1856-1971

AREA 0003 MHA TRANC
11.9M 109.7E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHWR	RAIN SHWR	ORZL PCPN	PRECIPITATION TYPE				MAIL PCPN	PCT FREQ PCPN AT 08 TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN	FRZM PCPN					FOG PCPN	SMOKE PCPN	HAZE PCPN	DUST SIG	
N	.4	.3	.2	.0	.0	.0	.0	.1	1.0		.3	.0	.0	.0	.0	7.8
NE	.4	.2	.0	.0	.0	.0	.0	.0	.6		.2	.0	.0	.0	.0	5.6
E	.1	.1	.0	.0	.0	.0	.0	.0	.1		.1	.0	.0	.0	.0	3.1
SE	.2	.1	.1	.0	.0	.0	.0	.0	.3		.3	.0	.0	.0	.0	4.7
S	.4	.1	.3	.0	.0	.0	.0	.0	.9		.7	.0	.0	.0	.0	14.2
SW	1.1	.4	.4	.0	.0	.0	.0	.0	1.9		.8	.0	.0	.0	.0	34.0
W	.6	.2	.3	.0	.0	.0	.0	.0	1.1		.4	.0	.0	.0	.0	11.3
NW	.5	.1	.1	.0	.0	.0	.0	.0	.7		.2	.0	.0	.0	.0	6.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.1
CALM	.1	.0	.0	.0	.0	.0	.0	.0	.1		.2	.1	.0	.0	.0	3.1
TOT OBS	72	31	26	0	0	0	0	1	6.6	129	57	1	1	1	1	1724
TOT PCT	3.0	1.6	1.4	.0	.0	.0	.0	.1			3.0	.1	.1	.1	.1	90.3

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHWR	RAIN SHWR	ORZL PCPN	PRECIPITATION TYPE				MAIL PCPN	PCT FREQ PCPN AT 08 TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN	FRZM PCPN					FOG PCPN	SMOKE PCPN	HAZE PCPN	DUST SIG	
00403	2.2	1.0	1.0	.0	.0	.0	.0	.2	4.5		.0	.0	.0	.2	.0	95.3
06409	2.3	2.8	.8	.0	.0	.0	.0	.0	5.9		.0	.0	.0	.0	.0	94.1
12415	6.2	1.7	1.1	.0	.0	.0	.0	.0	8.7		4.9	.0	.0	.0	.2	86.8
18421	4.3	1.0	2.5	.0	.0	.0	.0	.0	7.8		7.0	.2	.0	.0	.0	85.2
TOT	72	31	26	0	0	0	0	1	6.7	129	57	1	1	1	1	1735
PCT	3.0	1.6	1.4	.0	.0	.0	.0	.1			3.0	.1	.1	.1	.1	90.4

SEPTEMBER

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1956-1971

AREA 0003 MHA TRMG
11.9M 109.7E

TABLE 3
PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12	15	18	21		
N	.9	2.9	3.1	.2	.0	.0	.0	8.4	9.9	9.1	9.1	9.1	7.1	8.3	8.8	7.3	5.8		
NE	.6	2.3	1.6	.1	.0	.0	.0	5.3	8.5	3.7	3.7	6.6	8.1	7.6	3.6	7.4	3.9		
E	.5	2.3	.4	.0	.0	.0	.0	1.7	6.5	1.9	1.9	3.5	5.2	3.5	6.3	2.4	2.8		
SE	.8	3.6	.8	.1	.0	.0	.0	1.9	7.5	3.6	3.6	6.9	11.8	5.4	5.1	4.0	3.6		
S	1.5	9.5	5.5	.7	.1	.0	.0	12.1	10.1	12.8	12.8	17.6	23.1	22.4	18.5	16.2	15.4		
SW	1.8	13.9	16.1	3.8	.2	.0	.0	40.4	12.7	41.4	41.4	32.0	27.6	35.2	34.1	37.4	39.9		
W	.8	6.5	4.5	.7	.1	.0	.0	17.0	10.7	12.7	12.7	11.3	8.2	10.4	11.6	13.0	14.4		
NW	.6	3.9	2.1	.2	.0	.0	.0	9.6	9.6	8.3	8.3	6.7	4.4	3.7	9.2	6.5	8.0		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	.0	.0	.0	.2	.0	.0	.0		
CALM	4.8	13.40	963	162	10	.0	2824	3.6	10.2	6.5	6.5	6.3	2.8	3.1	3.0	5.5	6.3		
TOT OBS	349	1340	963	162	10	.0	2824	470	10.2	154	154	537	292	445	168	470	288		
TOT PCT	12.4	47.5	34.1	5.7	.4	.0	100.0	100.0	10.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)					
	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18	21
N	2.3	4.8	9	.0	.0	.0	8.1	9.9	8.5	8.5	8.5	8.4	8.4	8.4	8.4	8.4
NE	2.5	3.5	.3	.0	.0	.0	6.2	8.5	4.9	4.9	7.1	6.5	6.5	6.5	6.5	6.5
E	1.9	1.3	.0	.0	.0	.0	3.2	6.5	1.8	1.8	4.1	4.2	4.2	4.2	4.2	4.2
SE	2.5	2.6	.1	.0	.0	.0	5.2	7.5	2.3	2.3	8.7	5.3	5.3	5.3	5.3	5.3
S	5.3	9.8	2.0	.2	.1	.1	17.3	10.1	12.3	19.5	19.5	21.3	21.3	21.3	21.3	21.3
SW	7.2	18.9	9.0	.7	.1	.1	35.8	12.7	40.6	30.5	34.9	38.4	38.4	38.4	38.4	38.4
W	3.7	6.6	2.0	.2	.0	.0	12.5	10.7	15.9	10.2	10.9	13.6	13.6	13.6	13.6	13.6
NW	2.1	3.9	.7	.0	.0	.0	6.8	9.6	9.3	5.9	5.2	7.1	7.1	7.1	7.1	7.1
VAR	.0	.0	.0	.0	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	4.8	14.9	424	34	.1	2824	4.8	10.2	4.3	5.4	5.4	3.1	3.1	3.1	3.1	3.1
TOT OBS	914	1449	424	34	.1	2824	100.0	10.2	624	829	613	758	758	758	758	758
TOT PCT	32.4	51.3	15.0	1.2	.1	100.0	100.0	10.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1956-1971

SEPTEMBER

AREA 0003 NHA TRANG
11.9M 109.7E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)			48+	MEAN FREQ	PCT TOTAL OBS
				11-21	22-33	34-47			
00403	4.3	8.7	46.6	34.8	5.1	.5	.0	10.2	100.0
06409	5.4	8.0	47.6	32.1	6.5	.4	.0	10.0	100.0
12415	3.1	6.0	48.0	36.8	5.7	.3	.0	10.6	100.0
18421	5.8	7.4	47.5	33.6	5.4	.3	.0	10.1	100.0
TOT	1.5	213	1240	363	162	10	.0	10.2	2823
PCT	4.8	7.3	47.5	34.1	5.7	.1	.0	10.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION									
WIND DIR	0-2	3-4	5-7	8 & 8550	TOTAL		MEAN CLOUD COVER	OBS	TOTAL
					0-2	8 & 8550			
N	1.7	1.3	4.0	3.0			5.6		
NE	1.0	1.4	3.1	1.6			5.5		
E	1.6	1.7	1.3	.8			5.2		
SE	1.2	1.3	1.8	.8			4.6		
S	4.7	3.1	3.9	2.7			4.4		
SW	5.9	7.1	14.2	6.2			5.2		
W	2.2	1.9	5.0	2.3			5.4		
NW	.9	1.0	2.8	2.4			5.7		
VAR	.1	.0	.0	.0			2.0		
CALM	.9	.7	1.4	1.1			5.2		
TOT OBS	243	234	487	302			5.2	1266	
TOT PCT	19.2	18.5	38.5	23.9			5.2	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT-M) >4/8 AND OCCURRENCE OF MH <5/8 BY WIND DIRECTION													
WIND DIR	000	149	150	299	300	599	600	999	1060	1999	3499	4999	5000
N	.2	.1	.1	.4	.6	.1	.6	.1	1.4	2.2	.3	.1	.1
NE	.1	.0	.1	.1	.3	.1	.3	.1	.3	.6	.1	.1	.1
E	.0	.0	.0	.0	.1	.1	.1	.1	.5	.3	.0	.2	.0
SE	.1	.0	.0	.0	.1	.1	.1	.1	.5	.3	.2	.1	.2
S	.0	.0	.0	.3	.7	.3	.7	.3	1.2	.9	.3	.4	.0
SW	.2	.1	.6	.3	1.3	.3	1.3	.9	3.7	3.4	.9	1.2	.2
W	.2	.0	.3	.4	.4	.4	.4	.4	1.7	1.6	.4	.3	.1
NW	.0	.0	.0	.0	.5	.1	.5	.1	1.2	.5	.1	.2	.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0
CALM	.9	.2	.2	.2	.1	.1	.1	.1	1.5	.3	.3	.0	.0
TOT OBS	.7	.2	.2	2.1	4.0	11.8	10.3	2.3	2.6	.6	.3	65.0	100.0

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1856-1971

SEPTEMBER

AREA 0003 NHA TRANG
11.9M 109.7E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM > 478) AND VSOY (MM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	= OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	.6	.9	.9	.9	.9	.9	.9	.9
= OR > 5000	2.9	3.5	3.5	3.5	3.5	3.5	3.5	3.5
= OR > 3500	4.9	5.7	5.7	5.8	5.8	5.8	5.8	5.8
= OR > 2000	13.4	15.7	15.9	16.0	16.0	16.1	16.1	16.1
= OR > 1000	22.4	26.8	27.7	27.9	28.0	28.0	28.0	28.0
= OR > 600	24.7	30.4	31.7	31.9	32.0	32.1	32.1	32.1
= OR > 300	25.7	31.9	33.6	33.9	34.0	34.1	34.1	34.1
= OR > 150	25.7	32.1	33.8	34.0	34.2	34.2	34.2	34.2
= OR > 0	26.1	32.4	34.2	34.6	34.8	34.9	34.9	34.9
TOTAL	332	413	436	441	443	443	444	445

TOTAL NUMBER OF OBS: 1273

PCT FREQ MM < 578: 65.0

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	TOTAL OBS
3.9	14.0	24.9	12.5	9.9	8.2	11.0	5.1	9.2
							.4	1343

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11.94 109.72

SEPTEMBER

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1856-1971

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.2	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
TOT %	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.3	
1/2<1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
TOT %	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.3	
1<2	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.3	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	
TOT %	.0	.0	.0	.1	.1	.0	.0	.2	.0	.0	.4	
2<5	.3	.0	.0	.0	.2	.2	.2	.0	.0	.0	.9	
NO PCP	.1	.1	.2	.0	.0	.4	.1	.1	.0	.1	1.2	
TOT %	.4	.2	.2	.0	.2	.6	.3	.1	.0	.1	2.1	
5<10	.2	.4	.1	.1	.2	.7	.5	.4	.0	.0	2.7	
NO PCP	1.0	.9	.6	.4	1.8	5.5	1.8	1.2	.0	.5	13.6	
TOT %	1.3	1.3	.7	.5	2.0	6.2	2.3	1.6	.0	.5	16.4	
10+	.5	.1	.1	.1	.4	.8	.2	.1	.0	.1	2.4	
NO PCP	6.9	4.0	2.4	4.5	13.0	28.9	9.7	5.4	.1	2.7	70.3	
TOT %	7.4	4.9	2.5	4.6	13.4	29.7	9.9	5.5	.1	2.8	80.7	
TOT OBS	9.1	6.4	3.3	5.3	15.7	36.6	12.8	7.4	.1	3.4	100.0	1908
TOT PCT												

SEPTEMBER

PERIOD: (PRIMARY) 1925-1971
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AREA 0003 MHA TRANG
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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2<3	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.2	.1	.2	.0	.2	.4	.1	.1	.0	.0	.0	.0
	11-21	.2	.0	.0	.0	.2	.3	.2	.1	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
	TOT %	.4	.2	.2	.0	.4	.9	.3	.2	.0	.0	.0	.0
5<10	0-3	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0
	4-10	.6	.6	.4	.5	1.1	1.3	.9	.8	.0	.0	.0	.0
	11-21	.5	.4	.2	.0	.6	3.3	.9	.4	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.1	.9	.1	.1	.0	.0	.0	.0
	TOT %	1.2	1.1	.6	.5	1.9	5.5	2.0	1.4	.0	.0	.0	.0
10+	0-3	.7	.5	.5	.0	1.2	1.6	.6	.4	.0	.0	.0	.0
	4-10	3.3	2.8	1.6	3.1	7.7	11.5	5.6	3.1	.0	.0	.0	.0
	11-21	2.6	1.3	.2	.8	5.1	13.4	3.2	1.6	.0	.0	.0	.0
	22+	.2	.1	.0	.0	.5	2.8	.5	.1	.0	.0	.0	.0
	TOT %	6.8	4.8	2.3	4.7	14.5	29.2	9.9	5.3	.0	.0	.0	.0
TOT OBS		8.4	6.1	3.1	5.3	17.0	35.9	12.5	7.1	.0	.0	.0	.0
TOT PCT													2281

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PERIOD: (PRIMARY) 1925-1971
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TABLE 10

PERCENT FREQUNCY OF CEILING HEIGHTS (FEET.MH >4/8) AND
OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MH <5/8 ANY HGT	TOTAL OBS
00403	.3	.6	2.0	3.7	9.8	11.0	1.7	3.4	.6	.0	32.9	67.1	356
06409	1.5	.0	1.2	4.0	10.1	10.1	4.0	1.5	.6	.3	33.2	66.8	328
12415	.3	.0	2.9	4.2	13.7	10.2	1.0	3.5	.3	.6	36.7	63.3	313
18421	.6	.0	1.8	3.7	12.6	8.3	2.2	1.5	.9	.3	32.0	68.0	325
TOT	9	2	26	51	152	131	29	33	8	4	445	877	1322
PCT	.7	.2	2.0	3.9	11.5	9.9	2.2	2.5	.6	.3	33.7	66.3	100.0

TABLE 11

PERCENT FREQUNCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00403	0	.0	.0	.9	11.0	88.2	346
06409	.0	.3	1.3	2.2	9.4	85.9	320
12415	.3	.3	.3	3.3	17.7	77.9	299
18421	.6	.3	.0	2.3	18.4	78.4	310
TOT	3	3	5	27	178	1059	1275
PCT	.2	.2	.4	2.1	14.0	83.1	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET.MH >4/8) BY HOUR

HOUR (GMT)	<150 <50YD	<150 <5	<600 <1000	<1000+ AND 5+	MH <5/8 AND 5+	TOTAL OBS
00403	.3	2.9	7.2	26.9	65.9	346
06409	1.9	3.1	8.9	25.9	65.3	320
12415	.7	3.7	10.4	28.4	61.2	299
18421	1.0	3.2	8.4	25.8	65.8	310
TOT	12	41	110	341	824	1275
PCT	.9	3.2	8.6	26.7	64.6	100.0

SEPTEMBER

PERIOD: (PRIMARY) 1925-1971
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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
95/99	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	6	.5
90/94	.0	.0	.0	.5	1.0	.0	.1	.0	.0	.0	30	2.3
85/89	.0	.0	.0	.5	2.4	8.0	3.8	1.0	.0	.0	205	15.5
80/84	.0	.0	.0	.3	2.7	16.1	39.1	10.9	.0	.0	912	69.1
75/79	.0	.0	.0	.0	.0	1.4	4.3	6.7	.0	.0	165	12.5
70/74	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	1	.1
TOTAL	.0	.0	.0	.0	.5	24.7	624	247			1319	100.0
PCT	.0	.0	.0	.0	6.4	26.3	47.3	18.7				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
NE	E	SE	S	SW	W	NW	VAR	CALM	
.0	.1	.2	.0	.2	.0	.0	.0	.1	
.2	.1	.2	.4	.6	.3	.3	.0	.2	
.7	.8	1.9	2.9	4.6	1.6	.9	.0	.6	
5.9	1.7	2.7	9.8	26.1	8.5	5.2	.1	2.3	
.8	.3	.3	.9	3.7	2.2	1.1	.0	1.0	
.1	.0	.0	.0	.0	.0	.0	.0	.0	
7.6	2.9	5.2	14.0	35.3	12.7	7.4	.1	4.1	

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR									
MAX	99%	95%	50%	5%	MIN	MEAN	TOTAL OBS		
95	88	86	82	78	76	74	82.1	618	
90	93	90	84	80	76	75	84.0	805	
85	88	85	82	78	77	73	82.1	508	
80	85	84	81	77	75	74	81.1	748	
75	81	80	82	78	76	73	82.4	2779	
TOT									

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR									
0-79	80-89	90-100	MEAN	TOTAL OBS					
0	9	6.2	20.3	54.4	18.2	83			
0.0403	0	3.7	16.0	38.3	33.0	77			
0.0409	.0	.0	3.2	29.8	48.6	83			
12415	.0	.3	18.1	52.4	28.4	86			
18621	.0	.6	35.0	628	248	82			
TOT	0	16							

PERIOD: (PRIMARY) 1925-1971
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AREA 0003 MHA TRANC
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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	93	TOT	W	W	W
	76	80	84	88	92	96	F00	F00	F00	F00
14/16	.0	.0	.0	.0	.0	.1	6	.0	.0	.2
11/13	.0	.0	.0	.1	.3	.4	14	.0	.0	.0
9/10	.0	.0	.2	.2	.3	.3	19	.0	.0	1.1
7/8	.0	.0	.1	.6	.3	.2	21	.0	.0	1.2
6	.0	.1	.1	.3	.2	.1	14	.0	.0	.0
5	.0	.2	.3	1.0	.3	.0	32	.0	.0	1.0
4	.1	.1	2.4	1.5	.3	.0	76	.0	.0	4.3
3	.0	.0	.8	1.1	.1	.1	37	.0	.0	2.1
2	.0	.3	6.3	2.6	.0	.0	163	.0	.0	9.1
1	.0	1.1	16.8	1.7	.0	.0	119	.0	.0	6.7
0	.0	.3	13.9	.4	.0	.0	350	.0	.0	19.6
-1	.0	2.4	13.9	.4	.0	.0	158	.0	.0	8.9
-2	.1	.7	4.8	.2	.0	.0	298	.0	.0	16.7
-3	.0	3.3	4.7	.1	.0	.0	100	.0	.0	5.6
-4	.1	1.5	2.6	.0	.0	.0	144	.0	.0	0.1
-5	.2	1.3	.8	.0	.0	.0	77	.1	.1	4.3
-6	.1	3.7	.4	.0	.0	.0	49	.0	.0	2.7
-7/-8	.2	.6	.1	.0	.0	.0	78	.0	.0	4.4
-9/-10	.2	.2	.0	.0	.0	.0	20	.0	.0	1.1
-11/-13	.2	.2	.0	.0	.0	.0	8	.0	.0	.4
TOTAL							1783			
PCT	1.2	16.6	66.1	12.6	2.1	1.1	100.0	.1	.1	99.0

PERIOD: (OVER-ALL) 1963-1971 SEPTEMBER AREA 0003 MHA TRAMG
TABLE 18 11.9N 109.7E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1	2	3	4	5	6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOT	
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
TOT	1.0	2.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	24.0

HGT	E					SE					PCT		
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.3	1.0	.0	.0	.0	.0	.4	2.1	.0	.0	.0	.0	2.6
1-2	.2	.7	.4	.0	.0	.0	.0	.9	.5	.0	.0	.0	1.5
3-4	.0	.1	.1	.0	.0	.0	.0	.3	.1	.0	.0	.0	.4
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.5	1.6	.4	.0	.0	.0	.4	3.3	.7	.0	.0	.0	4.5

SEPTEMBER
TABLE 18
AREA 0003, NHA TRANG
11.9M 109.7E

PERIOD: (OVER-ALL) 1963-1971

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.4	1.8	.3	.0	.0	.0	2.4	.8	4.0	6.1	.0	.0	.0	4.0
1-2	.4	3.6	2.9	.0	.0	.0	6.8	.7	5.6	8.3	1.0	.0	.0	12.5
3-4	.0	1.4	1.2	.2	.0	.0	2.8	.0	2.9	3.4	1.0	.0	.0	12.2
5-6	.0	.4	.7	.1	.0	.0	1.2	.0	.4	1.9	.5	.0	.0	4.0
7	.0	.0	.2	.0	.0	.0	.2	.0	.0	.1	.1	.0	.0	2.5
8-9	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.4	.0	.0	.5
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.7	7.1	5.4	.3	.0	.0	13.5	1.5	13.1	19.9	3.2	.1	.0	37.8

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.9	3.8	.0	.0	.0	.0	4.7	.3	1.3	1.0	.0	.0	.0	1.6
1-2	.1	2.4	2.5	.0	.0	.0	5.0	.2	2.1	1.2	.0	.0	.0	3.5
3-4	.0	.1	1.5	.1	.0	.0	1.7	.0	.3	1.0	.1	.0	.0	1.4
5-6	.0	.1	.4	.3	.0	.0	.7	.0	.0	.1	.0	.0	.0	.2
7	.0	.0	.5	.1	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.0	6.4	4.9	.4	.1	.0	12.9	.5	3.6	2.4	.1	.0	.0	6.7

PERIOD (OVER-ALL) 1963-1971

SEPTEMBER

AREA 0003, NWA TRANC
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TABLE 18 (CONT)

WIND SPEED OBS	WIND SPEED (KTS) VS SEA HEIGHT (FT)										TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT				
41	0 5	17 6	4	0	0	0	26 5				
1-2	2 2	10 1	16 5	0	0	0	36 9				
3-4	0 0	6 4	15 5	1 0	0	0	23 7				
5-6	0 0	0 3	5 4	1 5	0	0	7 0				
7	0 0	0 0	3 2	1 1	0	0	4 0				
8-9	0 0	0 0	2 1	1 0	0	0	4 0				
10-11	0 0	1 1	0 4	1 0	0	0	6 1				
12	0 0	0 0	0 1	0 0	0	0	1 1				
13-16	0 0	0 0	0 0	0 0	0	0	0 0				
17-19	0 0	0 0	0 0	0 0	0	0	0 0				
20-22	0 0	0 0	0 0	0 0	0	0	0 0				
23-25	0 0	0 0	0 0	0 0	0	0	0 0				
26-32	0 0	0 0	0 0	0 0	0	0	0 0				
33-40	0 0	0 0	0 0	0 0	0	0	0 0				
41-48	0 0	0 0	0 0	0 0	0	0	0 0				
49-60	0 0	0 0	0 0	0 0	0	0	0 0				
61-70	0 0	0 0	0 0	0 0	0	0	0 0				
71-86	0 0	0 0	0 0	0 0	0	0	0 0				
87+	0 0	0 0	0 0	0 0	0	0	0 0				
TOT PCT	10 0	43 2	41 2	4 6	2	0	100 0				854

PERIOD (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN WGT
4 4	26 3	19 0	4 5	1 5	4	2	0	0	0	0	0	0	0	0	0	0	0	0	612	3
6-7	1 1	3 9	4 3	2 0	3	7	1	2	0	0	0	0	0	0	0	0	0	0	144	5
8-9	0 0	3 5	1 0	1 1	1 6	5	2	1	0	0	0	0	0	0	0	0	0	0	45	7
10-11	0 0	0 1	0 5	0 2	0 1	1	1	0	0	0	0	0	0	0	0	0	0	0	13	5
12-13	0 0	0 0	0 0	0 0	0 1	0	1	0	0	0	0	0	0	0	0	0	0	0	6	7
14-15	0 0	0 0	0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
16-17	15 3	2 2	2 2	1 6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	234	1
TOTAL	1210	327	283	127	69	17	5	4	0	1	0	0	0	0	0	0	0	0	1059	3
PCT	19 0	30 9	26 7	12 0	6 5	1 5	1 6	5	4	1	0	0	0	0	0	0	0	0	100 0	

PERIOD: (PRIMARY) 1920-1971 AREA 0003 NHA TRANG 12.1N 109.7E
 (SEVER-ALL) 1855-1971

OCTOBER

TABLE 1
 PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	SHWR	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR				OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG	SNOW	OTHER	PCPN				PCPN	SMOKE	DUST	NO	PCPN	SMOKE	DUST	NO	
N	2.0	.8	.4	.0	.0	.0	.0	.0	3.2		.6	.1	.0	.0	.1	.0	.0	.0	26.4
NE	1.6	1.2	.4	.0	.0	.0	.0	.0	3.3		.4	.2	.0	.0	.2	.0	.0	.0	23.6
E	.4	.3	.1	.0	.0	.0	.0	.0	.0		.1	.0	.0	.0	.0	.0	.0	.0	5.9
SE	.2	.1	.1	.0	.0	.0	.0	.0	.3		.0	.0	.0	.0	.0	.0	.0	.0	3.8
S	.3	.2	.1	.0	.0	.0	.0	.0	.4		.1	.0	.0	.0	.0	.0	.0	.0	4.9
SW	.7	.2	.2	.0	.0	.0	.0	.0	1.1		.1	.0	.0	.0	.0	.0	.0	.0	7.5
W	.9	.2	.1	.0	.0	.0	.0	.0	1.2		.1	.0	.0	.0	.0	.0	.0	.0	4.6
NW	1.0	.1	.3	.0	.0	.0	.0	.0	1.5		.1	.0	.0	.0	.0	.0	.0	.0	8.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	1.0
CALM	.1	.0	.0	.0	.0	.0	.0	.0	.1		.0	.0	.0	.0	.0	.0	.0	.0	1.6
TOT OBS	162	69	36	.0	.0	.0	.0	.0	11.0	260	32	6	7	1	1957	1	1957	1	2271
TOT PCT	7.1	3.0	1.7	.0	.0	.0	.0	.0			1.4	.3	.3	.3	.3	.3	.3	.3	86.2

TABLE 2

HOUR (GMT)	RAIN	SHWR	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR				OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG	SNOW	OTHER	PCPN				PCPN	SMOKE	DUST	NO	PCPN	SMOKE	DUST	NO	
00403	8.1	3.8	1.2	.0	.0	.0	.0	.0	13.1		.0	.3	.0	.0	.3	.0	.0	.0	86.5
06409	6.4	3.1	2.3	.0	.0	.0	.0	.0	11.7		.0	.2	.5	.2	.2	.5	.2	.2	87.5
12415	6.7	2.0	2.1	.0	.0	.0	.0	.0	11.0		.0	.2	.4	.0	.2	.4	.0	.0	85.6
18421	7.0	3.4	1.0	.0	.0	.0	.0	.0	11.3	271	3.4	.3	.3	.3	.3	.3	.3	.3	84.6
TOT	163	71	38	.0	.0	.0	.0	.0	11.0		36	6	7	1	1980	1	1980	1	2301
PCT	7.1	3.1	1.7	.0	.0	.0	.0	.0			1.6	.3	.3	.3	.3	.3	.3	.3	86.0

OCT08CR

PERIOD: (PRIMARY) 1928-1971
(OVER-ALL) 1855-1971

AREA 0003 MHA TRANG
12.1N 109.7E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47					00	03	06	09	12	15	18	21
N	1.0	10.9	13.1	3.3	.2	.0	28.5	13.0	25.4	41.2	28.2	29.6	26.3	34.6	25.1	31.3	31.3
NE	1.4	12.7	11.9	1.9	.2	.0	28.1	11.8	27.2	17.2	31.9	30.2	32.4	21.8	28.4	22.9	22.9
E	1.0	5.1	1.5	.3	.4	.0	7.9	6.3	7.7	5.2	5.9	11.8	9.7	6.5	7.2	8.5	8.5
SE	1.0	2.7	1.7	.1	.0	.0	4.6	7.3	2.7	3.4	4.1	6.5	5.7	3.4	5.3	4.6	4.6
S	.7	2.4	1.8	.2	.1	.0	5.1	9.7	5.2	5.4	6.0	3.2	5.0	5.9	5.0	5.0	5.0
SW	.5	3.5	3.1	.8	1	.0	8.1	12.4	7.3	9.6	7.3	7.0	7.8	9.9	8.7	7.7	7.7
W	.7	2.9	1.6	.4	.2	.0	5.7	10.9	9.6	4.4	4.9	4.4	3.9	5.6	6.0	5.2	5.2
NW	1.0	3.9	4.0	.7	.1	.0	9.7	11.4	12.0	12.1	9.0	6.1	7.1	10.6	10.2	11.8	11.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	2.5	1387	1195	241	24	1	3148	11.2	2.8	1.5	2.7	1.3	2.1	1.9	3.1	3.3	3.3
TOT OBS	310	44.1	37.6	7.7	.6	.1	100.0	100.0	505	198	600	314	518	162	517	334	334
TOT PCT	9.8	13.0	12.0	2.5	.2	.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3C

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						
	0-6	7-16	17-27	28-40	00					03	06	09	12	15	18	21
N	4.7	15.7	7.3	.8	.0	.0	28.5	13.0	29.9	28.7	28.3	27.5	26.1	26.1	26.1	26.1
NE	5.5	16.2	5.8	.5	.0	.0	28.1	11.8	24.4	31.3	29.9	26.1	26.1	26.1	26.1	26.1
E	3.7	3.3	.8	.0	.0	.0	7.9	6.3	7.0	7.9	8.9	7.7	7.7	7.7	7.7	7.7
SE	2.5	1.7	.3	.0	.0	.0	4.6	7.3	2.9	5.0	5.1	5.1	5.1	5.1	5.1	5.1
S	1.9	2.5	.6	.0	.0	.0	5.1	9.7	5.3	5.0	5.2	5.0	5.0	5.0	5.0	5.0
SW	1.8	4.2	1.6	.4	.0	.0	8.1	12.4	8.0	7.2	8.3	8.9	8.9	8.9	8.9	8.9
W	2.1	2.5	.8	.2	.0	.0	5.7	10.9	6.1	4.7	4.3	5.7	5.7	5.7	5.7	5.7
NW	2.7	4.9	1.8	.2	.0	.0	9.7	11.4	12.1	8.0	7.9	10.8	10.8	10.8	10.8	10.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	2.5	1607	600	73	2	3148	2.5	11.0	2.4	2.2	2.1	3.2	3.2	3.2	3.2	3.2
TOT OBS	865	51.0	19.1	2.3	.1		100.0	100.0	703	914	680	851	851	851	851	851
TOT PCT	27.5	16.0	5.0	.7	.1		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1928-1971
(OVER-ALL) 1855-1971

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AREA 0003 MHA TRANG
12.1N 109.7E

TABLE 4
PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (CMT)

WIND SPEED (KNOTS)	00-03	04-07	08-11	12-15	16-19	20-23	24-27	28-31	MEAN	PCT	TOTAL
00-03	2.4	7.8	43.2	38.5	7.4	0	11.1	100.0	703		
04-07	2.2	7.0	41.4	36.7	9.5	1.1	11.9	100.0	914		
08-11	2.1	7.1	46.0	37.4	6.9	0	11.7	100.0	680		
12-15	3.2	7.6	46.1	36.0	6.5	0	10.0	100.0	851		
16-19	7.8	23.2	138.7	118.5	24.1	1	11.2	100.0	3140		
PCT	2.5	7.4	44.1	37.6	7.7	0	11.2	100.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	TOTAL	MEAN
N	4.3	5.4	11.0	8.0	5.5	5.1	4.7	4.3	5.3	6.0	6.1	6.2	5.4
NE	4.9	6.8	10.6	6.6	5.1	4.7	4.3	5.3	6.0	6.1	6.2	6.2	5.4
E	1.3	1.5	2.1	1.1	4.7	4.7	4.3	5.3	6.0	6.1	6.2	6.2	5.4
SE	1.0	.9	.9	.6	4.3	4.7	4.3	5.3	6.0	6.1	6.2	6.2	5.4
S	1.1	.7	1.3	1.7	5.3	5.3	5.3	5.3	6.0	6.1	6.2	6.2	5.4
SW	.8	1.3	3.3	3.5	6.0	6.1	6.2	6.2	6.2	6.2	6.2	6.2	5.4
W	.8	1.3	3.3	3.5	6.0	6.1	6.2	6.2	6.2	6.2	6.2	6.2	5.4
NW	1.1	.9	3.4	4.8	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	5.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.5	.5	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
TOT OBS	240	284	536	457	1517	100.0							
TOT PCT	15.8	18.7	35.3	30.1	100.0								

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH) 4/8
AND OCCURRENCE OF MH 4/8 BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	TOTAL	MEAN
N	4.3	5.4	11.0	8.0	5.5	5.1	4.7	4.3	5.3	6.0	6.1	6.2	5.4
NE	4.9	6.8	10.6	6.6	5.1	4.7	4.3	5.3	6.0	6.1	6.2	6.2	5.4
E	1.3	1.5	2.1	1.1	4.7	4.7	4.3	5.3	6.0	6.1	6.2	6.2	5.4
SE	1.0	.9	.9	.6	4.3	4.7	4.3	5.3	6.0	6.1	6.2	6.2	5.4
S	1.1	.7	1.3	1.7	5.3	5.3	5.3	5.3	6.0	6.1	6.2	6.2	5.4
SW	.8	1.3	3.3	3.5	6.0	6.1	6.2	6.2	6.2	6.2	6.2	6.2	5.4
W	.8	1.3	3.3	3.5	6.0	6.1	6.2	6.2	6.2	6.2	6.2	6.2	5.4
NW	1.1	.9	3.4	4.8	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	5.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.5	.5	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
TOT OBS	240	284	536	457	1517	100.0							
TOT PCT	15.8	18.7	35.3	30.1	100.0								

PERIOD: (PRIMARY) 1970-1971
(OVER-ALL) 1955-1971

OCTOBER

AREA 0003 MHA TRANG
12.1N 109.7E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 400) AND VSBY (NM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	= OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	2.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6
= OR >5000	3.8	4.3	4.3	4.3	4.3	4.3	4.3	4.3
= OR >3500	5.9	7.2	7.3	7.3	7.3	7.3	7.3	7.3
= OR >2000	14.8	21.9	22.4	22.4	22.5	22.5	22.5	22.5
= OR >1000	23.4	35.2	36.4	36.5	36.7	36.7	36.7	36.7
= OR >600	25.4	39.4	41.1	41.4	41.7	41.7	41.7	41.7
= OR >300	25.8	40.3	42.4	42.7	43.0	43.0	43.0	43.0
= OR >150	26.0	40.5	42.6	42.9	43.3	43.3	43.3	43.3
= OR >0	26.5	41.2	43.3	43.6	43.9	43.9	43.9	43.9
TOTAL	407	633	665	670	675	675	675	675

TOTAL NUMBER OF OBS: 1537

PCT FREQ NH < 500: 56.1

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	9	TOTAL OBS
2.5	0.2	21.0	12.9	11.6	8.6	11.9	5.5	17.4	.5	1636	

PERIOD: (PRIMARY) 1920-1971
(OVER-ALL) 1955-1971

OCTOBER

AREA 0003 NHA TRANG
12.1N 109.7E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	OCT	TOTAL OBS
PCP	1	1	1	1	1	1	1	1	1	1	1	1
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	1	1	1	1	1	1	1	1	1	1	1	1
1/2<1	1	1	1	1	1	1	1	1	1	1	1	1
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	1	1	1	1	1	1	1	1	1	1	1	1
1<2	1	1	1	1	1	1	1	1	1	1	1	1
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	1	1	1	1	1	1	1	1	1	1	1	1
2<5	6	4	1	1	1	2	1	1	0	0	1	1
NO PCP	5	3	1	1	1	1	1	1	0	0	1	1
TOT %	1	1	1	1	1	1	1	1	0	0	1	1
5<10	1	1	1	1	1	1	1	1	0	0	1	1
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	1	1	1	1	1	1	1	1	0	0	1	1
10+	7	2	2	1	2	5	4	2	0	1	3	3
NO PCP	19	1	5	2	3	5	3	5	0	1	6	6
TOT %	2	2	2	2	2	2	2	2	0	1	3	3
TOT OBS	30	27	6	9	5	6	5	9	0	1	100	2271
TOT PCT	30	27	6	9	5	6	5	9	0	1	100	2271

PRQ100. (PRIMARY) 1928-1971
(OVER-ALL) 1855-1971

OCT09CR

AREA 0003 MWA TRANG
12.1M 109.7C

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISIB (MM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL 90S
1/2	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	1	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	1	0	0	0	0	0	0	0	0	0	0	0
1	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	1	0	0	0	0	0	0	0	0	0	0	0
1 1/2	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
2	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
2 1/2	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
3	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
4	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
5	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
6	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
7	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
8	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
9	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
10	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0	0
TOT 00S		30.0	27.8	7.4	4.2	5.0	8.1	5.6	9.7	.0	2.3	100.0	2656
TOT PCT													

PERIOD: (PRIMARY) 1928-1971
(OVER-ALL) 1955-1971

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12.1M 109.7E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MH > 4/8) AND
OCCURRENCE OF MH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	MH < 5/8 ANY HGT OBS	TOTAL
00403	.7	.5	2.0	5.2	12.6	15.7	2.5	1.2	3.4	.7	44.7	55.3	407
06409	.5	.0	1.2	4.1	15.8	13.1	3.4	1.5	.7	1.2	41.5	58.5	412
12415	.8	.3	.8	3.7	11.9	16.1	1.3	2.1	1.3	.8	39.2	60.8	378
18421	.7	.2	1.0	6.5	14.2	14.0	4.2	1.7	1.5	.2	44.4	55.6	401
TOT	11	4	20	78	219	235	46	26	28	12	679	919	1598
PCT	.7	.3	1.3	4.9	13.7	14.7	2.9	1.6	1.8	.8	42.5	57.5	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	1/2	1/241	1/2	2/5	5/10	10+	TOTAL OBS
00403	.3	.8	.0	2.0	22.2	74.7	392
06409	.0	.2	.5	2.5	20.1	76.7	403
12415	.3	.3	.3	2.5	26.7	70.0	360
18421	.0	.0	.5	3.9	27.1	68.6	388
TOT	2	5	5	42	369	1120	1543
PCT	.1	.3	.3	2.7	23.9	72.6	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET-MH > 4/8) BY HOUR

HOUR (GMT)	<150 50YD	<150 41	<600 1000	<1000 15	1200+ AND 5+	NH 45/8 AND 5+	TOTAL OBS
00603	1.0	4.3	10.7	36.7	52.6	392	
06409	1.0	2.5	6.4	34.2	57.3	403	
12415	1.1	2.5	8.6	33.6	57.8	360	
18421	1.3	2.6	11.3	35.3	53.4	388	
TOT	17	46	151	540	852	1543	
PCT	1.1	3.0	9.8	35.0	55.2	100.0	

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PERIOD: (PRIMARY) 1928-1971
(OVER-ALL) 1855-1971

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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
90-94	.0	.0	.0	.0	.2	.8	.4	.2	.0	.0	26	1.6
85-89	.0	.0	.0	.4	3.2	5.0	1.2	.4	.0	.0	161	10.2
80-84	.0	.0	.0	.1	3.3	20.4	33.8	9.9	.0	.0	1088	69.6
75-79	.0	.0	.0	.0	.0	4	3.2	8.3	8.4	.0	322	20.4
70-74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	.3
TOTAL	.0	.0	.0	.0	11	122	459	689	300	.0	1501	100.0
PCT	.0	.0	.0	.0	.7	7.7	29.0	43.6	19.0	.0		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	NW	VAR	CALM	
7	.4	.0	.1	.1	.0	.2	.1	.0	.0	
2.0	3.7	.7	.6	.6	1.2	.6	.7	.0	.2	
19.1	19.7	4.2	2.8	3.7	6.7	4.4	5.2	.0	1.6	
7.2	5.4	1.2	.3	.5	1.4	1.5	2.9	.0	.0	
.1	1	.0	.0	.0	.0	.0	.0	.0	.0	
29.1	29.3	6.2	3.7	4.9	9.3	6.7	8.9	.0	1.8	

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS	
0603	92	88	85	81	77	75	73	81.1	703	
0609	94	91	88	82	78	75	73	82.7	886	
1215	90	86	83	81	77	74	73	81.1	690	
1821	86	84	83	80	77	75	73	80.2	847	
1821	94	90	86	81	77	75	73	81.3	3126	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS		
0603	.0	.5	4.6	27.4	43.0	24.6	83	391		
0609	.0	2.3	17.9	38.4	29.7	11.0	78	391		
1215	.0	.0	4.8	29.6	48.5	17.1	83	398		
1821	.0	.0	4.0	21.0	52.8	22.2	84	424		
1821	0	11	124	464	701	304	82	1604		

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PERIOD: (OVER-ALL) 1503-1971

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TABLE 10

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12.1M 109.7E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.6	2.6	.0	.0	.0	.0	3.2	.6	1.5	.1	.0	.0	.0	2.2
1-2	.3	6.6	5.5	.0	.0	.0	12.4	.3	9.0	5.0	.0	.0	.0	14.3
3-4	.0	1.6	5.5	.9	.0	.0	8.0	.0	2.5	5.4	.5	.0	.0	8.3
5-6	.0	.5	1.4	.8	.0	.0	2.7	.0	.5	2.4	.5	.0	.0	3.5
7	.0	.0	1.1	.9	.0	.0	2.0	.0	.1	1.5	.0	.0	.0	2.0
8-9	.0	.0	.4	.6	.0	.0	1.1	.0	.0	.1	.3	.0	.0	.5
10-11	.0	.0	.1	.3	.0	.0	.2	.0	.0	.1	.0	.0	.0	.3
12	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.9	11.2	14.0	3.6	.1	.0	29.9	.9	13.5	14.6	1.9	.2	.0	31.1

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.1	2.6	.0	.0	.0	.0	6.6	.1	1.4	.0	.0	.0	.0	5.5
1-2	.1	2.3	.5	.0	.0	.0	2.9	.2	1.4	.1	.0	.0	.0	1.7
3-4	.0	1.1	.6	.1	.0	.0	1.7	.0	.1	.1	.1	.0	.0	.4
5-6	.0	.3	.2	.1	.0	.0	.5	.0	.1	.2	.0	.0	.0	.3
7	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	4.3	1.5	.1	.0	.0	6.2	.3	2.1	.4	.1	.0	.0	2.9

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PERIOD: (OVER-ALL) 1963-1971

OCTOBER

AREA 0003 MHA TRAMG
12.1N 109.7E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	5.4	9.3	.2	.0	.0	.0	14.9	
1-2	.9	26.0	15.5	.0	.0	.0	42.5	
3-4	.0	6.8	15.7	2.1	.0	.0	24.7	
5-6	.0	1.4	5.6	1.6	.0	.0	8.0	
7	.0	.1	3.5	1.9	.1	.0	5.6	
8-9	.0	.0	.8	1.4	.1	.0	2.3	
10-11	.0	.0	.2	.5	.2	.0	.9	
12	.0	.0	.0	.2	.1	.0	.3	
13-16	.0	.0	.0	.1	.0	.0	.1	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	6.3	43.6	41.6	6.0	.5	.0	100.0	
							1074	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																		
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+
6-7	2.9	27.7	19.3	4.5	2.7	1.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.1	2.0	4.5	4.1	3.0	1.6	.7	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.3	.7	2.1	2.9	1.2	.6	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12-13	.0	.0	.4	.3	.5	.2	.6	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.2	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
14-15	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16-17	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18-19	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-21	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-23	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24-25	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-27	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28-29	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30-31	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32-33	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-35	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36-37	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38-39	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40-41	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42-43	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44-45	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
46-47	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48-49	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50-51	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52-53	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54-55	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56-57	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58-59	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60-61	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62-63	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64-65	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66-67	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68-69	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70-71	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72-73	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74-75	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76-77	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78-79	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80-81	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82-83	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84-85	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86-87	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88-89	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90-91	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
92-93	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
94-95	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
96-97	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
98-99	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
100-101	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
102-103	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
104-105	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
106-107	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
108-109	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
110-111	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
112-113	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
114-115	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
116-117	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
118-119	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
120-121	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
122-123	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
124-125	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
126-127	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
128-129	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
130-131	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
132-133	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
134-135	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
136-137	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
138-139	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140-141	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
142-143	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
144-145	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
146-147	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
148-149	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
150-151	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
152-153	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
154-155	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
156-157	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
158-159	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
160-161	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
162-163	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
164-165	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
166-167	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
168-169	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
170-171	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
172-173	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
174-175	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
176-177	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
178-179	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
180-181	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
182-183	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
184-185	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
186-187	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
188-189	.0	.2	1.2	.0	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0				

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1950-1971

NOVEMBER

MREA 0003 MHA TRAMO
12.1M 109.7E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHUR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG	SNOW	OTHER					FOG	SMOKE	DUST	SIG	
M	3.2	1.4	1.2	.0	.0	.0	.0	5.7	.2	.1	.6	.1	.1	30.4	
ME	1.3	.8	.4	.0	.0	.0	.0	2.6	.3	.0	.5	.0	.0	34.4	
E	.3	.0	.1	.0	.0	.0	.0	.4	.1	.0	.1	.0	.0	4.1	
SE	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	1.3	
S	.1	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	1.4	
SW	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	1.4	
W	.1	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	1.4	
NW	.5	.1	.1	.0	.0	.0	.0	.7	.0	.0	.1	.1	.0	5.7	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	109	.47	.35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT OBS	5.7	2.5	1.8	.0	.0	.0	.0	9.9	109	12	2	26	.1	167.1	1901
TOT PCT										.6	1.4	.1	.1	87.9	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHUR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG	SNOW	OTHER					FOG	SMOKE	DUST	SIG	
00403	5.7	2.3	1.9	.0	.0	.0	.0	9.9	.4	.0	.6	.0	.0	89.2	
06409	5.9	2.3	1.5	.0	.0	.0	.0	9.4	.0	.4	2.5	.0	.2	87.4	
12415	5.2	2.6	2.4	.0	.0	.0	.0	10.0	.9	.0	1.1	.0	.0	88.1	
18421	6.5	2.9	1.6	.0	.0	.0	.0	10.9	1.3	.0	1.3	.0	.0	85.4	
TOT	111	48	35	.0	.0	.0	.0	192	12	.2	26	.1	.1	1681	1914
PCT	5.8	2.5	1.8	.0	.0	.0	.0	10.0	.6	.1	1.4	.1	.1	87.8	

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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT FREQ	MEAN SPD	00	03	06	09	12	15
N	.3	8.4	19.5	11.0	2.5	3	42.0	18.4	43.2	47.5	42.0	42.7	40.5	41.7	41.0
NE	.5	9.9	19.6	7.3	.5	3	37.8	15.7	37.5	36.1	37.8	38.3	39.3	38.4	37.6
E	.4	2.9	2.3	.3	.0	.0	5.9	11.1	4.0	5.9	5.3	6.7	6.5	9.5	5.6
SE	.2	1.1	.6	.0	.0	.0	2.0	9.2	1.0	1.1	1.3	1.7	2.6	2.3	2.6
S	.3	1.1	.5	.1	.0	.0	2.1	11.2	2.7	2.0	2.5	2.4	1.5	1.0	2.0
SW	.2	1.1	.3	.0	.0	.0	1.7	9.0	1.6	2.0	2.5	2.2	1.2	.0	2.2
W	.1	.3	.3	.1	.1	.0	.8	13.9	1.4	1.7	.5	.6	.3	.7	1.2
NW	.2	2.2	3.4	.9	.3	.1	7.1	15.6	8.1	5.6	6.7	7.2	6.3	7.4	7.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.6	765	1320	560	97	15	2837	16.1	.4	.0	.9	.0	.9	.0	.7
TOT BBS	80	27.0	46.5	19.7	3.4	.5	100.0	100.0	524	153	550	263	466	142	447
TOT PCT	2.8	27.0	46.5	19.7	3.4	.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-6	7-16	17-27	28-40	41+	TOTAL	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18
N	2.8	16.4	16.3	5.5	1.0	42.0	18.4	44.2	44.2	42.6	42.6	40.8	40.5	40.5	40.5
NE	3.4	17.1	15.0	2.2	.1	37.8	15.7	37.2	37.2	37.9	39.5	39.5	36.7	36.7	36.7
E	1.3	2.6	.9	.1	.0	5.9	11.1	4.4	4.4	5.0	5.0	7.2	6.2	6.2	6.2
SE	.7	1.0	.3	.0	.0	2.0	9.2	1.1	1.1	1.8	2.5	2.5	2.5	2.5	2.5
S	.8	.9	.3	.0	.1	2.1	11.2	2.3	2.3	2.1	1.4	1.4	1.4	1.4	1.4
SW	.7	.8	.1	.0	.0	1.7	9.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
W	.1	.4	.2	.1	.0	.8	13.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
NW	.7	3.5	2.3	.4	.1	7.1	15.6	7.5	7.5	6.3	6.3	6.3	6.3	6.3	6.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.6	1240	1002	237	38	2837	16.1	.3	.3	.6	.6	.7	.7	.8	.8
TOT BBS	320	43.7	35.3	8.4	1.3	100.0	100.0	677	677	813	508	739	739	739	739
TOT PCT	11.3	43.7	35.3	8.4	1.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)			40+	MEAN	PCT FREQ
				11-21	22-33	34-47			
0000	.3	1.8	27.5	45.6	20.8	3.5	.4	16.3	100.0
0600	.6	1.4	28.4	43.9	21.2	3.8	.7	16.4	100.0
1200	.7	2.5	24.7	49.0	19.4	3.3	.5	16.3	100.0
1800	.8	3.4	26.8	48.2	17.5	3.0	.4	15.5	100.0
TOT	17	63	765	1320	560	97	15	16.1	2837
PCT	.6	2.2	27.0	46.5	19.7	3.4	.5		100.0

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & 00SCD	TOTAL 00S
M	5.9	6.7	17.1	15.5	
MC	6.8	9.2	15.0	6.8	
C	.7	.8	1.8	1.3	
SC	.1	.6	.3	.3	
S	.3	.1	.6	.7	
SW	.2	.1	.6	.5	
W	.1	.1	.1	.4	
NW	.5	1.0	2.6	2.5	
VAR	.0	.0	.0	.0	
CALM	.2	.3	.1	.0	
TOT 00S	190	241	495	354	1270
TOT PCT	15.0	19.0	38.2	27.9	100.0

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH >4/8)
AND OCCURRENCE OF MH <5/8 BY WIND DIRECTION

	PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH >4/8) AND OCCURRENCE OF MH <5/8 BY WIND DIRECTION									
	000	150	300	500	1000	2000	3500	5000	6500	8000+
	149	299	599	599	1999	3499	4999	6499	7999	ANY HGT
M	.7	.9	1.2	3.2	8.4	7.7	.8	.4	.8	.3
MC	.6	.8	.7	2.3	4.5	5.2	1.0	.4	.4	.2
C	.1	.0	.1	.2	1.0	.6	.1	.1	.2	.0
SC	.0	.0	.0	.0	.1	.3	.0	.0	.1	.0
S	.0	.0	.0	.1	.2	.3	.0	.0	.1	.0
SW	.0	.0	.0	.1	.2	.2	.0	.0	.1	.0
W	.0	.0	.0	.0	.2	.2	.0	.0	.1	.0
NW	.1	.2	.3	.3	1.8	1.2	.1	.0	.0	.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT 00S	19	15	31	78	210	199	27	11	24	7
TOT PCT	1.5	1.2	2.4	6.1	16.5	15.7	2.1	.9	1.9	.6
										51.1
										1270
										100.0

PERIOD: (PRIMARY) 1925-1971
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12.1M 109.7C

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM >4/8) AND VSBY (MM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	VSBY (MM)	= OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	2.0	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4
= OR >5000	2.5	3.1	3.2	3.3	3.3	3.3	3.3	3.3	3.3
= OR >3500	3.7	5.2	5.3	5.4	5.4	5.4	5.4	5.4	5.4
= OR >2000	13.0	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1
= OR >1000	23.3	36.0	37.4	37.7	37.7	37.7	37.7	37.7	37.7
= OR >600	26.0	40.4	42.6	43.2	43.5	43.7	43.7	43.7	43.7
= OR >300	26.6	41.7	44.7	45.6	45.8	46.1	46.1	46.1	46.1
= OR >150	26.7	41.9	45.1	45.4	46.7	47.2	47.3	47.3	47.3
= OR >0	28.0	43.2	46.5	47.9	48.2	48.7	48.7	48.8	48.8
TOTAL	356	550	592	609	613	620	621	621	621

TOTAL NUMBER OF OBS: 1272

PCT FREQ MM <5/8: 51.2

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	8850	TOTAL
2.0	7.9	15.9	14.9	9.9	9.3	11.0	10.1	17.1	.4	1378

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TABLE B
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBT (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.5	.1	.1	.0	.0	.0	.1	.1	.0	.0	.7	
M8 PCP	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.2	
T8T M	.6	.1	.1	.0	.0	.0	.1	.1	.0	.0	.9	
PCP	.2	.1	.0	.0	.1	.1	.0	.1	.0	.0	.3	
M8 PCP	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	
T8T M	.2	.1	.0	.0	.1	.1	.0	.1	.0	.0	.4	
PCP	.6	.1	.1	.0	.0	.0	.0	.3	.0	.0	1.1	
M8 PCP	.2	.1	.1	.0	.0	.0	.0	.1	.0	.0	.5	
T8T M	.8	.2	.1	.0	.0	.0	.0	.4	.0	.0	1.5	
PCP	.7	.0	.2	.0	.1	.0	.0	.1	.0	.0	1.0	
M8 PCP	.6	.6	.1	.1	.1	.0	.0	.1	.0	.0	1.5	
T8T M	1.3	1.5	.3	.1	.1	.0	.0	.1	.0	.0	3.4	
PCP	2.4	1.0	.1	.1	.0	.1	.1	.1	.0	.0	3.7	
M8 PCP	11.2	7.2	1.1	.1	.5	.3	.3	1.5	.0	.0	22.1	
T8T M	13.6	8.2	1.1	.1	.5	.4	.3	1.6	.0	.0	25.0	
PCP	1.3	.6	.1	.1	.1	.0	.1	.1	.0	.0	2.3	
M8 PCP	27.4	27.1	3.1	1.1	.9	1.1	.4	4.0	.0	.5	65.7	
T8T M	26.7	27.7	3.1	1.2	1.1	1.1	.5	4.1	.0	.5	67.9	
T8T OBS	45.1	37.8	4.7	1.4	1.7	1.5	.8	6.5	.0	.5	100.0	1900

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TABLE 9
PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISBY (MM)	SPD KTS	N	NE	E	SE	S	SW	W	WW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
1/2<1	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
1<2	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
2<5	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
5<10	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
10+	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
TOT OBS		43.6	37.8	5.5	1.4	1.6	1.7	.7	7.0	.0	.5	100.0
TOT PCT												2301

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NH < 5/8 ANY HOUR	TOTAL 865
00403	1.1	.8	3.2	5.6	19.4	13.8	2.1	1.1	1.6	.0	48.5	51.5	377
06409	1.5	1.5	2.1	5.0	14.2	18.6	1.5	.9	2.1	.9	49.2	51.8	338
12415	1.6	1.3	1.9	6.4	13.1	16.9	2.9	.6	2.5	.6	47.8	52.2	314
18421	1.7	1.0	2.0	6.6	16.3	10.6	1.7	.7	1.0	.7	42.2	57.8	301
TOT	19	15	31	78	211	200	27	11	24	7	623	707	1330
PCT	1.4	1.1	2.3	5.8	15.9	15.0	2.0	.9	1.8	.5	46.8	53.2	100.0

TABLE 11

PERCENT FREQUENCY VS8Y (NH) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1/2	2<5	5<10	10+	TOTAL 865
00403	1.4	0	.3	3.3	22.4	72.6	361
06409	3	9	2.2	2.8	24.7	69.1	324
12415	7	.0	2.3	4.6	24.8	67.5	302
18421	0	.3	1.0	4.8	26.6	67.1	289
TOT	8	4	18	49	313	884	1276
PCT	6	3	1.4	3.8	24.5	69.3	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VS8Y (NH) AND/OR
CEILING HGT (FEET-NH > 4/8) BY HOUR

HOUR (GMT)	<150 <50Y0	<600 <1	<1000 <5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL 865
00403	1.1	6.1	12.5	38.0	49.6	361
06409	1.5	5.9	12.0	38.6	49.4	324
12415	2.0	5.3	15.6	35.4	49.0	302
18421	2.8	6.2	14.9	30.8	54.3	289
TOT	23	75	174	458	644	1276
PCT	1.8	5.9	13.6	35.9	50.5	100.0

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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
90/94	.0	.0	.0	.1	.1	.1	.1	.0	4	.2
85/89	.0	.0	.1	.2	1.1	1.9	.5	.3	56	4.1
80/84	.0	.0	.0	.0	3.0	16.7	21.5	7.8	680	49.2
75/79	.0	.0	.0	.0	1.2	11.2	16.5	14.1	594	43.0
70/74	.0	.0	.0	.0	.0	.4	.9	2.0	44	3.2
65/69	.0	.0	.0	.0	.0	.0	.0	.2	3	.2
TOTAL	.0	.0	.1	.7	7.4	41.7	54.5	33.7	1381	100.0
PCT	.0	.0	.1	.5	5.4	30.2	39.5	24.4		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
90/94	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0
85/89	1.3	2.0	.3	.2	.1	.0	.0	.2	.0	.0
80/84	17.7	23.5	2.7	.8	.9	1.1	.4	1.8	.0	.3
75/79	24.0	12.1	1.3	.2	.9	.5	.5	3.5	.0	.2
70/74	2.1	.4	.0	.0	.1	.0	.0	.6	.0	.0
65/69	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0
TOTAL	45.2	38.2	4.3	1.2	1.9	1.6	.9	6.2	.0	.5

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00403	90	86	84	80	75	72	69	79.4	671
06409	92	89	86	81	75	72	69	80.7	798
12415	86	85	83	79	75	72	63	79.3	605
18421	86	82	80	79	74	73	68	78.4	732
TOT	92	87	84	79	75	72	68	79.5	2806

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00403	.0	.0	4.2	28.8	40.1	26.9	84	379
06409	.0	2.3	10.4	36.5	33.9	16.8	80	345
12415	.0	.0	4.5	29.7	41.4	24.3	84	333
18421	.0	.0	2.1	25.7	42.4	29.9	85	335
TOT	0	8	7.4	420	549	341	83	1392

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TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AREA 0003 MHA TRANG
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AIR-SEA TMP DIF	69 72	73 75	77 80	81 84	85 88	89 92	TOT FOG	M FOG	NO FOG
17/19	.0	.0	.0	.0	.0	.1	1	.0	.1
14/16	.0	.0	.0	.0	.0	.1	1	.0	.1
11/13	.0	.0	.0	.0	.2	.1	4	.0	.2
9/10	.0	.0	.0	.3	.2	.2	13	.0	.7
7/8	.0	.0	.1	.3	.3	.1	14	.0	.8
6	.0	.0	.1	.1	.2	.1	7	.0	.4
5	.0	.0	.2	1.6	.3	.0	37	.0	3.1
4	.0	.1	1.1	2.2	.6	.0	69	.0	3.9
3	.0	.1	1.7	1.4	.3	.0	61	.0	3.5
2	.0	.1	3.1	3.0	.7	.0	158	.1	8.9
1	.0	.0	2.8	3.4	.2	.0	112	.0	6.4
0	.1	1.0	9.1	9.2	.3	.1	347	.0	19.7
-1	.0	1.0	6.7	3.2	.3	.0	187	.0	11.2
-2	.1	1.5	9.7	3.9	.0	.0	268	.0	15.2
-3	.0	2.7	4.9	1.7	.0	.0	129	.0	7.3
-4	.1	2.3	5.2	1.0	.1	.0	150	.0	8.5
-5	.0	1.6	3.2	.1	.1	.0	86	.1	4.6
-6	.3	3.9	1.1	.1	.0	.0	42	.0	2.4
-7/-8	.3	1.0	1.0	.2	.0	.0	44	.0	2.5
-9/-10	.1	.6	.1	.1	.0	.0	13	.0	.7
-11/-13	.1	.1	.0	.0	.0	.0	2	.0	.1
-17/-19	.2	.0	.0	.0	.0	.0	3	.0	.2
TOTAL							1758	.1	99.9
PCT	1.3	10.8	50.1	33.5	3	.6	100.0		

PERIOD: (OVER-ALL) 1963-1973

NOVEMBER

AREA 0003 MHA TRANG

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	P	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-1	.0	1.1	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.5
1-2	.0	3.6	4.4	.0	.0	.0	.0	.1	2.6	3.7	.0	.0	.0	.5
3-4	.0	1.5	9.5	3.1	.0	.0	.0	.0	1.6	3.6	3.1	.0	.0	6.6
5-6	.0	.3	5.0	2.9	.4	.0	.0	.0	.3	4.6	2.2	.1	.0	7.4
7	.0	.2	2.7	2.4	.6	.0	.0	.0	.1	2.7	1.7	.1	.0	4.6
8-9	.0	.0	.6	1.6	1.6	.0	.0	.0	.0	.5	1.1	.1	.0	1.6
10-11	.0	.0	.3	1.6	1.1	.0	.0	.0	.0	.1	.5	.1	.0	.2
12	.0	.0	.1	1.1	.2	.7	.0	.0	.0	.0	.2	.0	.0	.6
13-16	.0	.0	.0	.4	.2	1.0	.0	.0	.0	.0	.4	.1	.0	.2
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	0	6.7	22.6	17.4	5.1	1.0	1.1	5.3	21.4	9.2	.6	.0	.0	36.5

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	1.7	1.1	.4	.0	.0	3.4	.7	.4	.0	.0	.0	.0	1.1

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.2	.4	.3	.0	.0	.6	.1	.7	.7	.0	.0	.0	.8
3-4	.0	.2	.1	.0	.0	.0	.3	.0	.1	.1	.0	.0	.0	.2
5-6	.0	.1	.1	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.5	.6	.2	.1	.1	1.5	.1	.9	.1	.0	.0	.0	1.2

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.1	.0	.0	.0	.2	.1	.4	.3	.0	.0	.0	.6
3-4	.0	.2	.2	.1	.0	.0	.5	.0	1.2	.3	.0	.0	.0	1.5
5-6	.0	.0	.0	.0	.0	.0	.3	.0	.4	1.7	.4	.0	.0	2.5
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.1	.0	.0	.8
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.5
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.1	.2	.3	.1	.0	.0	.7	.1	2.1	2.9	1.0	.3	.3	6.8

PERIOD: (OVER-ALL) 1963-1971: AREA 0003 MHA TRANG 12.1M 109.7E

NOVEMBER

TABLE 10 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TOT OBS
	0-3	4-10	11-21	22-33	3	17	40+					
<1	.3	2.6	.0	.0	.0	.0	.0	.0	.0	.0	2.9	
1-2	.6	9.6	9.4	.0	.0	.0	.0	.0	.0	.0	19.8	
3-4	.0	4.4	21.6	6.9	.0	.0	.0	.0	.0	.0	32.9	
5-6	.0	.9	11.0	5.2	.6	.0	.0	.0	.0	.0	17.7	
7	.0	.3	5.7	4.4	1.0	.0	.0	.0	.0	.0	11.4	
8-9	.0	.0	1.1	3.1	1.1	.0	.0	.0	.0	.0	5.3	
10-11	.0	.0	.3	2.2	1.7	.0	.0	.0	.0	.0	4.2	
12	.0	.0	.2	1.3	1.2	.0	.0	.0	.0	.0	2.8	
13-16	.0	.0	.0	1.0	.3	.0	.0	.0	.0	.0	2.2	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	.9	18.0	49.3	24.2	6.1	1.4	100.0					900

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																		TOTAL	MEAN HGT
	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+		
<6	8	9.7	20.0	8.5	5.8	1.6	.7	.6	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	544	
6-7	1	.7	4.0	5.1	4.3	2.7	3.0	1.1	.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	259	
8-9	0	.4	1.5	2.3	2.3	2.5	1.2	.7	1.4	1.0	.4	.1	.0	.0	.0	.0	.0	.0	131	
10-11	0	1	.3	.2	.7	.8	1.5	.5	.8	.0	.0	.1	.0	.0	.0	.0	.0	.0	56	
12-13	0	.0	.1	.0	.1	.2	.5	.7	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	20	
13-15	0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	
15-17	1.3	1.7	1.5	1.4	1.4	.5	.3	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	25	
17-20	1.7	1.5	1.4	1.4	1.4	.5	.3	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	49	
TOTAL	24	140	291	185	164	104	80	43	48	20	5	1	6	0	0	0	0	0	1111	
PCT	2.2	12.6	26.2	16.7	14.8	9.4	7.2	3.9	4.3	1.8	.5	.1	.5	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1927-1971
(OVER-ALL) 1855-1971

DECEMBER

AREA 0003 MHA TRNG
12.1N 109.6E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	SHWR	ORZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW	OTHER PCPN					FG PCPN	SMOKE HAZE	DUST BLWG	SIG SNOW	SEA	
N	3.6	1.0	.9	.0	.0	.0	.0	.0	5.5		.1	.2	.5	.0	.0	40.7	
NE	1.9	.5	1.3	.0	.0	.0	.0	.0	3.7		.2	.1	.4	.1	.0	38.3	
E	.1	.1	.1	.0	.0	.0	.0	.0	.3		.0	.0	.0	.0	.0	2.5	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.5	
S	.0	.0	.0	.0	.0	.0	.0	.0	.2		.0	.0	.0	.0	.0	.4	
SW	.0	.0	.1	.0	.0	.0	.0	.0	.1		.0	.0	.0	.0	.0	.5	
W	.0	.0	.1	.0	.0	.0	.0	.0	.1		.0	.0	.0	.0	.0	.5	
WW	.7	.1	.3	.0	.0	.0	.0	.0	.9		.0	.0	.0	.0	.0	3.9	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	
CALM	.1	.0	.1	.0	.0	.0	.0	.0	.1		.0	.0	.0	.0	.0	.4	
TOT OBS	126	33	57	.0	.0	.0	.0	.0	.1	214	.4	.7	.18	.1	.0	1747	1991
TOT PCT	6.3	1.7	2.9	.0	.0	.0	.0	.0	10.7		.2	.4	.9	.1	.0	87.7	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	SHWR	ORZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW	OTHER PCPN					FG PCPN	SMOKE HAZE	DUST BLWG	SIG SNOW	SEA	
00403	6.1	1.8	3.3	.0	.0	.0	.0	.0	11.0		.4	.2	1.2	.0	.0	87.3	
06409	6.1	1.8	2.4	.0	.0	.0	.0	.0	9.9		.0	1.0	1.4	.0	.0	87.6	
12415	7.9	1.8	2.2	.0	.0	.0	.0	.0	12.0		.2	.2	.6	.2	.0	86.8	
18421	5.1	1.4	3.6	.0	.0	.0	.0	.0	10.1	215	.4	.0	.4	.0	.0	89.1	2000
TOT	126	33	58	.0	.0	.0	.0	.0	10.6		.5	.7	.18	.1	.0	1754	
PCT	6.3	1.7	2.9	.0	.0	.0	.0	.0	10.6		.3	.4	.9	.1	.0	87.7	

DECEMBER

PERIOD: (PRIMARY) 1927-1971
(OVER-ALL) 1855-1971

AREA 0003 MHA TRAND
12.1M 109.6E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47					00	03	06	09	12	15	18	21
N	.4	8.2	23.9	10.5	1.9	.1	45.1	17.5		44.9	46.8	44.6	47.6	44.2	49.1	43.3	45.9
NE	.3	7.8	24.2	9.0	1.2	0	42.6	17.1		38.7	39.8	45.7	42.0	46.2	39.9	43.0	39.4
E	.3	1.8	1.2	.3	.0	0	3.6	11.0		3.8	3.2	2.8	3.1	3.0	2.1	5.2	4.5
SE	.1	.4	.1	.1	.0	0	.6	7.6		.3	1.6	.7	.7	.6	.0	.7	.7
S	.1	.2	.2	.0	0	0	.5	10.5		1.0	.7	.5	.4	.7	.0	.3	.0
SW	.1	.1	.1	.0	0	0	.4	9.1		.9	.7	.1	.2	.2	.7	.5	.0
W	.0	.2	.2	0	0	0	.5	12.1		.7	.7	.3	.4	.4	.7	.2	.9
NW	.1	1.5	2.6	1.4	.3	0	6.0	16.5		8.5	6.4	5.0	5.7	4.0	6.1	5.6	7.2
VAR	.0	.0	.0	.0	.0	0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0
CALM	.8	.0	.0	.0	.0	0	.8	.0		1.2	.0	.4	.0	.6	1.4	1.2	1.4
TOT OBS	64	575	1494	606	98	3	2840	16.7		495	140	554	260	476	143	486	286
TOT PCT	2.3	20.2	52.6	21.3	3.5	.1	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR		WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
0-6	7-16	17-27	28-40			00					03	06	09	12	15	18	21	
N	1.9	20.2	17.7	5.0	.3	45.1	17.5	45.4	45.5	45.4	44.2							
NE	2.4	18.0	17.8	4.2	.1	42.6	17.1	33.0	44.5	44.7	41.7							
E	1.0	1.8	.7	.1	0	3.6	11.0	3.7	2.9	2.8	5.0							
SE	.3	.3	0	0	0	.6	7.6	.6	.7	.4	.7							
S	.1	.3	.0	0	0	.5	10.5	.9	.5	.6	.2							
SW	.2	.1	.1	0	0	.4	9.1	.8	.1	.3	.3							
W	.1	.2	.1	0	0	.5	12.1	.7	.3	.4	.5							
NW	.6	2.6	2.0	.6	0	6.0	16.5	8.1	5.2	4.5	6.2							
VAR	.0	.0	.0	.0	0	.0	.0	.0	.0	.0	.0							
CALM	.8	.0	.0	.0	0	.8	.0	.9	.2	.8	1.3							
TOT OBS	216	1240	1088	284	32	2840	16.7	635	814	619	772							
TOT PCT	7.6	43.7	38.3	10.0	.4	100.0		100.0	100.0	100.0	100.0							

PERIOD: (PRIMARY) 1927-1971
(OVER-ALL) 1955-1971

DECEMBER

AREA 0003 MHA TRANC
12.1M 109.6E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	WIND SPEED (KNOTS)				48+	MEAN	PCT	TOTAL
		1-3	4-10	11-21	22-33	34-47			
00403	.9	1.6	22.7	50.9	20.5	3.3	.2	16.5	100.0
06409	.2	.6	18.6	54.1	22.1	4.3	.1	17.4	100.0
12415	.8	1.9	18.4	54.8	21.2	2.9	.0	16.6	100.0
18421	1.3	1.8	21.5	50.8	21.4	3.1	.1	16.3	100.0
TOT	23	41	575	1494	606	98	3	16.7	2840
PCT	.8	1.4	20.2	52.6	21.3	3.5	.1	100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT BY WIND DIRECTION									
WIND DIR	0-2	3-4	5-7	8-4	06SCD	TOTAL	MEAN	CLOUD	COVER
N	3.9	7.5	19.4	17.0		5.9			
NE	5.1	9.3	17.4	10.0		5.4			
E	.8	1.0	.5			4.1			
SE	.4	.1	.4			5.7			
S	.1	.0	.1	.4		6.7			
SW	.0	.4	.3	.3		7.0			
W	.1	.1	.2	.2		6.0			
NW	.2	.6	1.9	1.9		6.4			
VAR	.0	.0	.0	.0		6.2			
CALM	.0	.2	.1	.4		5.7			
TOT	139	261	560	426		1386			
TOT PCT	10.0	18.0	40.4	30.7		100.0			

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH > 478) AND OCCURRENCE OF MH < 5/8 BY WIND DIRECTION													
WIND DIR	000	149	299	599	899	1499	2999	4999	7999	14999	29999	49999	TOTAL
N	.3	.0	.0	1.1	3.6	9.3	12.2	1.6	.1	.2	.4	19.0	
NE	.3	.0	.0	.8	2.0	9.2	7.1	.4	.2	.7	.3	20.8	
E	.0	.0	.0	.1	.0	.5	.2	.0	.0	.0	.0	2.1	
SE	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	
S	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.1	
SW	.0	.0	.0	.0	.1	.4	.1	.0	.0	.0	.0	.1	
W	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	
NW	.0	.0	.0	.1	.5	.5	1.7	.3	.1	.2	.1	4.4	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT	.6	.0	.0	.29	.88	280	305	.32	.6	1.6	1.2	612	1386
TOT PCT	.6	.0	.0	2.1	6.3	20.2	22.0	2.3	.4	1.2	.7	44.2	100.0

PERIOD: (PRIMARY) 1927-1971
(COVER-ALL) 1855-1971

DECEMBER

AREA 0003 NHA TRANG
12.1M 109.6C

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM > 4/8) AND VSOY (MM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	= OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	1.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9
= OR > 5000	1.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3
= OR > 3500	3.4	4.5	4.6	4.6	4.6	4.6	4.6	4.6
= OR > 2000	15.7	26.1	26.6	26.6	26.6	26.6	26.6	26.6
= OR > 1000	26.8	44.7	46.2	46.6	46.6	46.6	46.6	46.6
= OR > 600	29.8	49.4	52.4	52.9	52.9	53.0	53.0	53.0
= OR > 300	29.8	50.8	54.3	54.9	55.0	55.1	55.1	55.1
= OR > 150	29.8	50.8	54.3	54.9	55.0	55.1	55.1	55.1
= OR > 0	30.3	51.3	54.9	55.5	55.6	55.6	55.6	55.6
TOTAL	420	711	761	769	770	771	771	772

TOTAL NUMBER OF OBS: 1286

PCT FREQ MM < 5/8: 44.3

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	9	TOTAL OBS
2.4	4.7	13.7	15.4	15.4	8.4	10.1	16.7	10.1	16.0	.5	1400

PERIOD: (PRIMARY) 1927-1971
(OVER-ALL) 1855-1971

DECEMBER

AREA 0003 MHA TRNG
12.1M '09.6E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	
PCP	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.3	
NO PCP	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	
TOT %	.2	.2	.1	.0	.0	.0	.0	.1	.0	.0	.5	
PCP	.5	.3	.0	.0	.0	.0	.0	.2	.0	.0	1.0	
NO PCP	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	
TOT %	.7	.5	.0	.0	.0	.0	.0	.2	.0	.0	1.4	
PCP	1.5	.5	.1	.0	.0	.0	.0	.3	.0	.0	2.4	
NO PCP	.7	.4	.0	.0	.0	.1	.0	.1	.0	.0	1.3	
TOT %	2.3	.9	.1	.0	.0	.1	.0	.3	.0	.0	3.6	
PCP	2.3	1.5	.1	.0	.0	.1	.1	.3	.0	.1	4.5	
NO PCP	12.7	9.7	.5	.2	.1	.1	.1	1.3	.0	.2	24.7	
TOT %	15.0	11.2	.6	.2	.1	.2	.1	1.6	.0	.3	29.2	
PCP	1.0	1.2	.1	.0	.2	.0	.0	.2	.0	.0	2.6	
NO PCP	27.7	20.7	2.0	.4	.3	.3	.4	2.6	.0	.3	62.7	
TOT %	28.7	21.9	2.1	.4	.5	.3	.4	2.7	.0	.3	65.2	
TOT OBS	47.0	42.7	2.6	.5	.6	.5	.5	4.8	.0	.5	100.0	1991
TOT PCT												

PERIOD: (PRIMARY) 1927-1971
(OVER-ALL) 1855-1971

DECEMBER

AREA 0003 MM/4 TRANG
12.1M 109.6C

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISIB (MM)	SPO KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
0-3	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22+	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	TOT	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	11-21	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
22+	22+	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
TOT	TOT	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	4-10	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
11-21	11-21	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
22+	22+	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
TOT	TOT	.7	.5	.0	.0	.0	.0	.0	.1	.0	.0	.0	1.3
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	4-10	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
11-21	11-21	1.5	1.1	.2	.0	.0	.0	.0	.1	.0	.0	.0	.8
22+	22+	1.1	.4	.0	.0	.0	.0	.0	.2	.0	.0	.0	2.9
TOT	TOT	2.8	1.8	.3	.0	.0	.0	.0	.5	.0	.0	.0	5.5
5<10	0-3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
4-10	4-10	2.9	2.1	.3	.1	.0	.0	.0	.6	.0	.0	.0	6.1
11-21	11-21	7.5	5.5	.3	.1	.0	.0	.0	1.6	.0	.0	.0	14.0
22+	22+	4.0	3.5	.1	.0	.0	.0	.0	.3	.0	.0	.0	7.9
TOT	TOT	14.5	11.0	.7	.2	.1	.1	.1	3.4	.0	.2	.2	28.4
10+	0-3	.3	.2	.3	.0	.1	.1	.0	.0	.0	.0	.0	.3
4-10	4-10	5.0	5.0	1.4	.3	.1	.1	.2	.6	.0	.0	.0	12.7
11-21	11-21	15.4	17.5	.7	.1	.2	.1	.1	1.5	.0	.0	.0	35.6
22+	22+	7.0	6.5	.2	.0	.0	.0	.0	.8	.0	.0	.0	14.6
TOT	TOT	27.7	29.2	2.6	.3	.5	.3	.3	3.0	.0	.3	.3	64.2
TOT OBS	TOT OBS	46.1	42.8	3.6	.5	.5	.4	.5	5.1	.0	.5	100.0	2371

PERIOD: (PRIMARY) 1927-1971
(OVER-ALL) 1855-1971

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AREA 0003 MHA TRANG
12.1N 109.6E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NM > 4/8) AND
OCCURRENCE OF NM < 5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NM < 5/8 ANY HGT	TOTAL
00403	149	299	599	999	1999	3499	4999	6499	7999				
06409	.3	.0	2.1	8.1	19.9	21.5	2.4	.3	1.3	.0	55.9	44.1	381
12415	.8	.0	1.6	5.7	20.8	21.6	2.7	.5	1.3	.5	55.5	44.5	371
18421	.9	.0	1.7	5.1	19.4	21.1	1.4	.9	.9	.9	52.3	47.7	350
TOT	.3	.0	2.7	5.7	17.9	20.9	2.4	.0	.9	1.5	52.2	47.8	335
PCT	.8	.0	.29	.89	.281	.306	.32	.6	.16	.10	.777	.660	1437
	.6	.0	2.0	6.2	19.6	21.3	2.2	.4	1.1	.7	54.1	45.9	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	< 1/2	1/2 < 1	1.2	2.45	5 < 10	10+	TOTAL OBS
00403	3	5	.8	2.4	29.4	66.6	377
06409	.0	.0	1.4	4.5	30.2	64.0	358
12415	.3	.0	.6	4.5	31.1	62.4	331
18421	.0	.0	.3	4.3	27.7	67.7	328
TOT	2	2	11	54	413	912	1394
PCT	.1	.1	.8	3.9	29.6	65.4	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NM > 4/8) BY HOUR

HOUR (GMT)	< 150	< 600	< 1000	1000+	NM < 5/8 AND 5+	TOTAL OBS
00403	.8	3.2	12.5	44.8	42.7	377
06409	1.1	2.8	10.6	46.6	42.7	358
12415	1.5	3.3	11.8	43.8	44.4	331
18421	1.5	4.3	11.9	42.1	46.0	328
TOT	17	47	163	819	612	1394
PCT	1.2	3.4	11.7	44.4	43.9	100.0

DECEMBER

PERIOD: (PRIMARY) 1927-1971
(OVER-ALL) 1855-1971

AREA 0003 MHA TRANG
12.1M 109.6E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT PREC
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
90/94	.0	.0	.0	.0	.1	.1	.0	.0	.3	.2	3	.2
85/89	.0	.0	.0	.0	.3	.6	.2	.1	18	1.2	18	1.2
80/84	.0	.0	.0	.1	1.3	7.4	11.8	3.0	342	23.5	342	23.5
75/79	.0	.0	.0	.2	1.7	18.4	28.2	16.7	947	65.1	947	65.1
70/74	.0	.0	.0	.0	.4	1.4	3.7	4.3	143	9.8	143	9.8
65/69	.0	.0	.0	.0	.0	.0	.1	.0	1	.1	1	.1
TOTAL	.0	.0	.0	.4	55	406	639	350	1454	100.0	1454	100.0
PCT	.0	.0	.0	.3	3.8	27.9	43.9	24.1				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											
N	NE	E	SE	S	SW	W	NW	VAR	CALM		
.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
.2	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
7.8	13.7	1.3	.2	.2	.1	.1	.2	.0	.0	.0	.0
32.4	26.1	1.2	.2	.4	.6	.3	3.3	.0	.6	.0	.6
6.9	1.8	.1	.0	.0	.0	.2	.7	.0	.1	.0	.1
.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
47.3	42.7	2.7	.5	.6	.7	.5	4.3	.0	.7	.0	.7

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											
HOUR (GMT)	MAX	99%	95%	50%	50%	1M	MIN	MEAN	TOTAL OBS		
00403	86	84	82	78	73	70	68	77.6	634		
06409	90	87	84	79	73	70	68	78.9	787		
12415	86	82	81	77	73	71	69	77.3	614		
18421	84	81	80	77	73	71	70	76.7	765		
TOT	90	85	82	78	73	70	68	77.7	2800		

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS			
00403	.0	.3	3.3	25.8	44.0	26.6	84	362			
06409	.0	.5	8.2	37.3	38.4	15.5	81	367			
12415	.0	.0	2.5	26.1	45.9	25.5	84	357			
18421	.0	.3	1.4	22.6	47.0	28.8	85	368			
TOT	.0	4	56	408	640	352	83	1460			

PERIOD: (PRIMARY) 1927-1971 (OVER-ALL) 1855-1971		DECEMBER												AREA 0003 ANA TRANG 12.1M 109.6C	
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)		TABLE 17													
AIR-SEA TMP DIF	65 68	69 72	73 76	77 80	81 84	85 88	89 92	TOT	W FOG	W FOG	W FOG	W FOG	W FOG	W FOG	W FOG
11/13	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
9/10	0	0	0	0	1	2	1	6	0	0	0	0	0	0	0
7/8	0	0	0	0	1	3	4	20	0	0	0	0	0	0	0
6	0	0	0	0	1	4	1	10	0	0	0	0	0	0	0
5	0	0	0	1	5	13	2	40	0	0	0	0	0	0	0
4	0	0	1	2	2	1	0	61	0	0	0	0	0	0	0
3	0	0	0	3	2	6	0	73	0	0	0	0	0	0	0
2	0	0	0	1	4	6	7	213	1	0	0	0	0	0	0
1	0	0	1	1	5	5	4	152	0	0	0	0	0	0	0
0	0	0	1	4	1	12	1	356	1	0	0	0	0	0	0
-1	0	0	0	2	2	6	6	174	1	0	0	0	0	0	0
-2	0	0	3	5	4	8	5	272	1	0	0	0	0	0	0
-3	0	0	1	1	7	3	8	106	0	0	0	0	0	0	0
-4	0	0	1	0	4	2	2	142	1	0	0	0	0	0	0
-5	0	0	3	3	2	9	0	81	0	0	0	0	0	0	0
-6	0	0	2	1	1	3	0	20	0	0	0	0	0	0	0
-7/-8	1	7	1	4	5	0	0	48	0	0	0	0	0	0	0
-9/-10	0	2	5	1	0	0	0	15	0	0	0	0	0	0	0
-11/-13	0	1	2	1	0	0	0	6	0	0	0	0	0	0	0
-14/-16	0	1	2	0	0	0	0	5	0	0	0	0	0	0	0
TOTAL								1831							
PCT	.1	3.2	27.6	53.2	14.9	.9	.2	100.0	.4	99.6					

PERIOD: (OVER-ALL)	1963-1971	DECEMBER	AREA 0003	NMA TRANG
		TABLE 18	12.1M	109.6E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

AREA 0003 MHA TRANG
12.1N 109.6E

TABLE 18

[illegible]

MGT	1-3	4-10	11-21	22-33	34-47	48+
C1	.00	.02	.00	.00	.00	.00
1-2	.00	.01	.03	.00	.00	.00
3-4	.00	.00	.00	.01	.00	.00
5-6	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00
8-9	.00	.00	.00	.00	.00	.00
10-11	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00
13-16	.00	.00	.00	.00	.00	.00
17-19	.00	.00	.00	.00	.00	.00
20-22	.00	.00	.00	.00	.00	.00
23-25	.00	.00	.00	.00	.00	.00
26-32	.00	.00	.00	.00	.00	.00
33-40	.00	.00	.00	.00	.00	.00
41-48	.00	.00	.00	.00	.00	.00
49-60	.00	.00	.00	.00	.00	.00
61-70	.00	.00	.00	.00	.00	.00
71-86	.00	.00	.00	.00	.00	.00
87+	.00	.00	.00	.00	.00	.00
TOT PCT	0	.02	.02	.01	.00	.00

PERIOD: (OVER-ALL) 1963-1971
 DECEMBER
 AREA 0003 NHA TRANG
 12.1M 109.6E

TABLE 10 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT BBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	2.4	9.6	.8	.0	.0	.0	12.7	
1-2	.1	5.6	16.1	.0	.0	.0	21.8	
3-4	.0	4.2	18.3	4.9	.0	.0	27.5	
5-6	.0	.7	8.4	5.4	1.3	.0	15.6	
7	.0	.0	4.0	4.9	.4	.0	9.4	
8-9	.0	.0	2.1	3.9	1.0	.0	7.0	
10-11	.0	.1	.9	1.1	.5	.0	2.6	
12	.0	.0	.5	1.3	.4	.0	2.3	
13-16	.0	.0	.3	.4	.1	.0	.9	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.1	.0	.0	.1	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	7.5	20.2	51.4	22.1	3.8	.0	100.0	
							918	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																		
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41				
PERIOD (SEC)	6.1	12.1	18.0	6.4	3.2	2.0	.7	.8	.3	.0	.0	.0	.0	.0	.0				
46																			
6-7	.0	1.2	3.3	5.1	3.9	2.1	2.1	1.5	.4	.2	.0	.0	.0	.0	.0				
8-9	.0	.0	.0	1.9	3.6	2.9	1.1	.4	.9	.1	.4	.0	.0	.0	.0				
10-11	.0	.0	.0	.1	.3	.8	1.7	.4	.7	.1	.4	.0	.0	.0	.0				
12-13	.0	.0	.2	.0	.1	.2	.4	.0	.3	.0	.1	.0	.0	.0	.0				
>13	.0	.0	.0	.0	.0	.1	.2	.3	.0	.0	.0	.1	.0	.0	.0				
IMDET	3.3	.9	1.3	1.5	1.6	1.1	.9	.1	.0	.0	.0	.1	.0	.0	.0				
TOTAL	105	158	274	170	148	123	61	38	29	4	7	1	.1	.0	.0				
PCT	9.4	14.1	24.5	15.2	13.2	11.0	5.5	3.4	2.6	.4	.6	.1	.0	.0	.0				

PERIOD: (PRIMARY) 1925-1971 1925-1971
 (OVER-ALL) 1925-1971 1925-1971

ANNUAL

AREA 0003 NHA TRANG
 12.1N 109.7E

TABLE 1
 PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	SHWR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	FRZG	SNOW				THDR LTNG	FOG PCPN	SMOKE PCPN	DUST PCPN	HAZE PCPN	
N	1.1	.5	.4	.0	.0	.0	.0	2.0		.1	.1	.4			19.2
NE	.6	.4	.3	.0	.0	.0	.0	1.2		.1	.2	.2			19.1
E	.1	.1	.1	.0	.0	.0	.0	.2		.1	.0	.1			5.6
SE	.1	.1	.1	.0	.0	.0	.0	.1		.1	.0	.2			6.0
S	.1	.1	.1	.0	.0	.0	.0	.3		.2	.0	.2			13.5
SW	.4	.2	.1	.0	.0	.0	.0	.6		.4	.0	.1			16.7
W	.3	.1	.1	.0	.0	.0	.0	.5		.1	.0	.1			5.3
NW	.3	.1	.1	.0	.0	.0	.0	.5		.1	.0	.1			4.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0			1.7
CALM	.0	.0	.0	.0	.0	.0	.0	.1		.0	.0	.1			91.7
TOT OBS	785	383	288	.0	.0	.0	.0	5.5	1448	325	63	420	10	24970	27219
TOT PCT	3.0	1.4	1.1	.0	.0	.0	.0			1.2	.2	1.4			

TABLE 2
 PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	SHWR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	FRZG	SNOW				THDR LTNG	FOG PCPN	SMOKE PCPN	DUST PCPN	HAZE PCPN	
00403	3.1	1.3	1.0	.0	.0	.0	.0	5.5		.1	.3	1.4			92.7
0609	2.6	1.4	1.1	.0	.0	.0	.0	5.1		.1	.3	1.0			92.7
12415	3.2	1.5	1.2	.0	.0	.0	.0	5.9		2.3	.1	1.4			90.4
18421	3.1	1.5	1.1	.0	.0	.0	.0	5.7	1462	2.5	.2	1.0			90.6
TOT	792	389	289	.0	.0	.0	.0	5.5		335	66	421	10	25131	27408
PCT	3.0	1.4	1.1	.0	.0	.0	.0			1.2	.2	1.4			91.6

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TABLE 3

PERIOD - (PRIMARY) 1925-1971
(OVER-ALL) 1955-1971

AREA 0003 NHA TRANG
12.1N 109.7E

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	0-3	WIND SPEED (KNOTS)				48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)											
		4-10	11-21	21-33	34-47					00	03	06	09	12	15	18	21				
N	.7	6.1	9.6	3.7	.6	.1	20.9	12.1	21.7	23.1	21.9	20.3	20.3	20.3	21.2	19.3	20.0				
NE	.0	7.0	9.5	3.0	.3	.0	20.6	11.0	19.7	18.6	21.6	21.6	21.6	22.6	17.8	21.2	17.0				
E	.0	3.9	1.2	.1	.0	.0	6.0	8.1	5.0	4.4	5.7	7.2	7.2	7.1	6.2	6.5	5.5				
SE	.9	4.1	1.2	.1	.0	.0	6.3	7.8	3.9	6.3	6.9	9.9	9.9	7.6	6.5	5.7	4.4				
S	1.1	7.7	5.2	.4	.0	.0	14.5	9.9	11.8	15.0	14.5	17.0	16.5	15.2	13.6	14.0	14.0				
SW	.0	6.6	8.6	2.1	.1	.0	18.2	10.9	19.5	19.4	16.5	15.2	16.9	18.2	19.4	20.5	20.5				
W	.5	2.6	2.1	.4	.1	.0	5.6	9.9	8.1	4.9	4.9	3.5	3.5	3.8	6.0	6.2	7.1				
NW	.5	2.6	1.8	.4	.1	.0	5.3	10.6	7.1	5.7	5.0	3.7	3.5	3.5	6.8	4.7	7.5				
VAR	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CALM	2.6	15.21	14.84	37.55	458	41	2.6	12.0	2.6	2.4	3.0	1.4	1.4	1.6	2.1	3.3	3.9				
TOT OBS	3373	15621	35.3	10.2	1.3	.1	38032	100.0	6563	2098	7283	3553	5343	2053	6314	3826	100.0				
TOT PCT	8.7	40.6							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

TABLE 3A

WIND DIR	0-6	WIND	SPEED (KNOTS)				41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
			7-16	17-27	28-40						00	03	06	09	12	15	18	21
N	2.7	9.8	6.6	1.6	.2	20.9	12.1	22.1	21.4	20.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	
NE	3.3	9.9	6.2	1.1	.1	20.6	11.0	19.5	21.7	21.4	19.7	19.7	19.7	19.7	19.7	19.7	19.7	
E	2.8	2.8	.4	.0	.0	6.0	8.1	4.9	6.2	6.9	6.2	6.2	6.2	6.2	6.2	6.2	6.2	
SE	3.0	3.0	.3	.0	.0	6.3	7.8	4.5	7.9	7.3	5.2	5.2	5.2	5.2	5.2	5.2	5.2	
S	4.1	8.5	1.8	.1	.0	14.5	9.9	12.6	15.3	16.2	13.8	13.8	13.8	13.8	13.8	13.8	13.8	
SW	3.1	9.5	5.0	.5	.0	18.2	10.9	19.8	16.1	17.3	13.8	13.8	13.8	13.8	13.8	13.8	13.8	
W	1.6	2.8	1.1	.1	.0	5.6	9.9	7.3	4.4	4.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	
NW	1.5	2.7	.9	.2	.0	5.3	10.6	6.8	4.6	4.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	
VAR	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	2.6	18.705	8266	1330	121	2.6	12.2	2.5	2.5	2.5	1.7	3.6	3.6	3.6	3.6	3.6	3.6	
TOT OBS	9610	49.1	27.2	3.6	.3	38032	100.0	8661	10836	10836	8396	10139	10139	10139	10139	10139	10139	
TOT PCT	24.8							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

PERIOD: (PRIMARY) 1925-1971
 (OVER-ALL) 1855-1971

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AREA 0003 MHA TRAMG
 12.1M 109.7E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				PCT FREQ	TOTAL OBS
				11-21	22-33	34-47	48+		
0603	2.5	6.9	41.4	38.2	9.8	1.2	.1	12.0	100.0
0649	2.5	6.1	39.6	39.2	11.1	1.4	.1	12.4	100.0
1245	1.7	5.1	40.4	41.4	10.1	1.3	.1	12.5	100.0
1841	3.6	6.1	41.0	38.5	9.6	1.1	.1	11.9	100.0
TOT	1016	2354	15619	14784	3755	458	41	12.2	38027
PCT	2.6	6.0	40.6	39.2	10.2	1.3	.1	100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
 BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & 0850	TOTAL OBS	MEAN CLOUD COVER	
N	3.3	2.9	8.4	6.3		5.4	
NE	4.5	5.4	7.7	3.5		4.7	
E	1.8	1.7	1.9	.6		4.4	
SE	2.3	1.8	2.0	.5		4.1	
S	4.6	3.3	4.0	1.3		4.2	
SW	3.7	3.0	6.9	3.2		4.7	
W	1.1	1.1	2.4	1.6		4.9	
NW	.7	.7	2.0	1.6		5.5	
VAR	.7	.5	.6	.4		4.3	
CALM	4238	4087	6463	2408	18202	4.8	
TOT OBS	22.7	22.3	35.9	19.1	100.0		

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT-MH >4/8)
 AND OCCURRENCE OF MH 45/8 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	599	600	999	1000	1999	2000	3499	3500	4999	5000	6499	7999	8000+	MH 45/8	ANY MGT	TOTAL OBS
N	.2	.2	.1	.4	1.2	3.7	4.1	.7	.2	.4	.1	10.9									
NE	.2	.2	.2	.2	.9	2.9	2.5	.5	.2	.3	.1	13.3									
E	.2	.2	.2	.2	.1	.6	.5	.1	.2	.1	.1	4.6									
SE	.2	.2	.2	.2	.1	.3	.5	.1	.1	.1	.1	5.4									
S	.2	.2	.2	.2	.1	.2	.8	.3	.2	.1	.1	10.4									
SW	.1	.2	.2	.2	.6	1.7	1.8	.4	.3	.2	.2	12.2									
W	.2	.2	.2	.2	.2	.8	.7	.1	.1	.1	.1	4.0									
NW	.2	.2	.2	.2	.2	.9	.9	.2	.2	.2	.2	2.5									
VAR	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2									
CALM	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
TOT OBS	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
TOT PCT	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1855-1971

ANNUAL

AREA 0003 NWA TRANC
12.1M 109.7E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	VSBY (NM) = OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	1.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0
= OR > 5000	2.7	3.1	3.1	3.2	3.2	3.2	3.2	3.2
= OR > 3500	4.4	5.3	5.4	5.4	5.4	5.4	5.4	5.4
= OR > 2000	12.7	17.3	17.6	17.6	17.6	17.6	17.6	17.6
= OR > 1000	20.5	28.5	29.4	29.5	29.5	29.5	29.5	29.5
= OR > 600	22.4	31.5	32.7	32.9	33.0	33.0	33.0	33.0
= OR > 300	22.8	32.3	33.7	34.1	34.2	34.1	34.1	34.1
= OR > 150	22.8	32.4	33.8	34.1	34.2	34.3	34.3	34.3
= OR > 0	23.3	32.9	34.3	34.6	34.7	34.8	34.8	34.8
TOTAL	4173	5904	6165	6250	6256	6250	6252	6254

TOTAL NUMBER OF OBS: 18294

PCT FREQ NH < 5/8: 65.8

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	9	TOTAL OBS
6.1	12.3	22.5	14.6	10.0	7.7	10.8	5.6	10.2	.3	19360	

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1855-1971

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AREA 0003 MHA TRANS
12.1N 109.7E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VISIB	W	NC	C	SC	S	SW	M	MM	VAR	CALM	PCT	TOTAL
(MM)	PCF											885
1/2	NO PCP	.1							.0			.1
	TOT M	.1							.0			.1
1/2<1	NO PCP								.0			.1
	TOT M	.1							.0			.1
1/2	NO PCP	.2							.0			.2
	TOT M	.2							.0			.2
2<5	NO PCP	.4							.0			.4
	TOT M	.4							.0			.4
5<10	NO PCP	.8							.0			.8
	TOT M	.8							.0			.8
10+	NO PCP	14.4							.0			14.4
	TOT M	14.9							.0			14.9
TOT 885		21.8	6.0	6.4	14.2	17.0	5.9	5.3				272.4
TOT PCT		20.7										

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1855-1971

ANNUAL

AREA 0003 NVA TRNG
12.1N 109.7E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	SFD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
1/2-1	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
1-2	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
2-5	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
5-10	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
10+	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
	TOT OBS	21.5	20.5	6.0	6.3	14.3	16.0	5.8	5.3	0	2.3	100.0
	TOT PCT											31751

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1955-1971

ANNUAL

AREA 0003 MHA TRAMQ
12.1N 109.7E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000	150	300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	TOTAL	NH < 5/8 ANY HGT	TOTAL 885
00003	.5	.2	1.3	3.5	11.9	12.1	2.3	1.3	1.0	.6	35.5	54.5	5086				
06009	.6	.2	.8	3.1	11.7	11.1	2.5	1.0	1.3	.5	32.7	67.3	4763				
12015	.6	.2	1.0	2.9	11.2	12.3	1.8	1.3	1.4	.8	33.6	66.4	4577				
18021	.5	.2	.9	4.0	11.1	11.3	2.1	.9	.9	.4	32.2	67.8	4619				
TOT	100	32	183	623	2157	2197	406	213	256	106	6275	12770	19045				
PCT	.5	.2	1.0	3.4	11.5	11.7	2.2	1.1	1.3	.6	33.6	66.4	100.0				

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL 885
00003	.2	.1	.2	1.2	16.1	82.1	4899
06009	.2	.2	.6	1.5	15.1	82.6	4609
12015	.2	.1	.3	2.3	19.8	77.4	4378
18021	.1	.1	.3	2.3	19.8	77.5	4444
TOT	22	18	59	324	3224	14693	18330
PCT	.1	.1	.3	1.8	17.6	80.0	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET-NH > 4/8) BY HOUR

HOUR (GMT)	< 150 < 500 FT	< 600 < 1000 FT	< 1000+ < 5 AMOS+	NH < 5/8 AND 5+	TOTAL 885
00003	.6	2.3	6.7	30.4	4899
06009	.8	1.9	6.0	27.9	4609
12015	.9	2.2	7.0	28.8	4378
18021	.9	2.1	7.7	26.5	4444
TOT	138	374	1210	5141	11979
PCT	.8	2.1	6.8	28.5	64.7

ANNUAL

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1855-1971

AREA 0003 NHA TRANG
12.1N 109.7E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	SD	100		
85/99	.0	.0	.0	.0	.1	.6	.2	.0		20		.1
90/94	.0	.0	.0	.2	.8	.6	.2	.0		355		1.9
85/89	.0	.0	.0	.2	1.7	6.2	3.6	.6		2340		12.4
80/84	.0	.0	.0	.0	1.8	13.5	26.8	8.2		9434		50.4
75/79	.0	.0	.0	.0	.1	.7	6.6	12.7		5503		29.8
70/74	.0	.0	.0	.0	.0	.2	.8	2.1		955		5.2
65/69	.0	.0	.0	.0	.0	.0	.1	.1		28		.2
TOTAL	.0	.0	.0	.7	.93	995	5190	8484	3876	18645	100.0	
PCT	.0	.0	.0	.5	5.3	27.7	45.6	20.8				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	NW	VAR	CALM	
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
.2	.2	.2	.3	.4	.3	.2	.1	.0	.0	
.8	1.3	.9	1.7	3.0	3.1	.9	.4	.0	.0	
6.5	9.3	3.3	3.7	8.2	12.1	3.9	2.1	.0	.0	
11.0	9.3	1.5	.8	1.5	2.2	1.2	1.8	.0	.0	
3.2	1.2	.1	.0	.1	.1	.1	.5	.0	.0	
.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	
21.8	21.4	6.0	6.5	13.3	17.8	6.3	4.8	.0	.0	2.3

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS	
00403	96	88	85	81	76	74	67	80.6	2542	
06409	97	91	88	82	77	74	66	82.2	10512	
12415	95	87	84	80	76	74	68	80.4	8298	
18421	92	84	82	80	75	73	66	79.6	10095	
TOT	97	89	86	81	76	74	66	80.7	37438	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00403	.0	.0	.0	.3	4.5	25.4	47.0	22.7	83	4847
06409	.0	1.7	12.3	40.7	35.2	10.2	7.9	4603		
12415	.0	.2	2.9	26.6	49.3	21.1	8.4	4543		
18421	.0	.0	1.5	19.1	50.6	28.7	85	4797		
TOT	0	100	1000	5238	8553	3898	83	18790		

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1855-1971

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TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AREA 0003 MHA TRANC
12.1N 109.7E

AIR-SEA TMP DIF	85	69	73	77	81	85	89	93	TOT	M	MB
	68	72	76	80	84	88	92	96	FOG	FOG	FOG
20/22	.0	.0	.0	.0	.0	.0	.0	.0	1	.0	#
17/19	.0	.0	.0	.0	.0	.0	.0	.0	10	.0	#
14/16	.0	.0	.0	.0	.0	.0	.0	.0	37	.0	.1
11/13	.0	.0	.0	.0	.1	.1	.1	.1	129	#	.5
9/10	.0	.0	.0	.0	.2	.2	.3	.1	217	#	.8
7/8	.0	.0	.0	.0	.2	.5	.5	.1	459	.0	1.8
6	.0	.0	.1	.2	.3	.4	.2	.#	283	.0	1.1
5	.0	.0	.1	.4	1.0	.9	.3	.#	725	#	2.8
4	.0	.0	.2	1.0	2.2	1.3	.2	.#	1252	#	4.9
3	.0	.0	.2	.9	1.2	1.1	.1	.#	1600	#	3.5
2	.0	.1	.7	2.1	3.6	1.1	.1	.0	2717	#	10.7
1	.0	.1	1.1	3.2	4.2	1.5	.#	.0	1939	#	7.6
0	.0	.2	2.1	5.6	11.0	1.5	.#	.0	5170	.1	20.4
-1	.0	.1	1.1	3.2	4.2	.8	.0	.0	2351	#	9.3
-2	.#	.3	2.0	5.2	6.7	.4	.#	.0	3695	#	14.7
-3	.#	.1	.8	2.3	2.4	.2	.0	.0	1474	#	5.8
-4	.#	.4	1.5	2.6	2.5	.1	.0	.0	1745	#	7.0
-5	.#	.2	1.0	1.5	1.1	.#	.0	.0	954	#	3.8
-6	.#	.1	.3	.9	.4	.0	.0	.0	448	.0	1.8
-7/-8	.#	.2	.4	1.2	.2	.#	.0	.0	531	#	2.1
-9/-10	.#	.1	.3	.2	.#	.0	.0	.0	152	#	.6
-11/-13	.0	.#	.1	.#	.#	.0	.0	.0	44	.0	.2
-14/-16	.0	.#	.#	.0	.0	.0	.0	.0	7	.0	.#
-17/-19	.0	.#	.0	.0	.0	.0	.0	.0	3	.0	.#
TOTAL									25244	.2	89.8
PCT	.1	1.9	11.7	30.1	43.2	10.5	2.1	.4	100.0		

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.4	1.8	.1	.0	.0	.0	2.3	.4	1.3	.0	.0	.0	.0	1.7
1-2	.2	2.8	3.5	.0	.0	.0	6.5	.2	3.1	2.7	.0	.0	.0	6.1
3-4	.0	.3	4.3	.9	.0	.0	5.1	.1	1.3	4.3	1.0	.0	.0	6.7
5-6	.0	.1	1.5	.9	.2	.0	2.7	.0	.2	2.4	.8	.0	.0	3.5
7	.0	.0	.8	.9	.1	.0	1.9	.0	.1	1.0	.7	.0	.0	1.9
8-9	.0	.0	.3	.6	.2	.0	1.1	.0	.0	.3	.6	.1	.0	.9
10-11	.0	.0	.1	.3	.2	.0	.6	.0	.0	.1	.3	.1	.0	.6
12	.0	.0	.0	.2	.2	.0	.4	.0	.0	.0	.1	.1	.0	.2
13-16	.0	.0	.0	.2	.1	.1	.3	.0	.0	.0	.1	.1	.0	.2
17-19	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.6	5.6	10.6	4.0	1.0	.0	22.0	.7	6.1	11.1	3.6	.4	.0	21.9

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.3	1.2	.0	.0	.0	.0	1.5	.4	1.6	.0	.0	.0	.0	2.0
1-2	.2	1.9	.7	.0	.0	.0	2.7	.2	2.2	.9	.0	.0	.0	3.3
3-4	.0	.6	.1	.0	.0	.0	1.3	.0	.4	.3	.0	.0	.0	.8
5-6	.0	.1	.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.5	3.7	1.5	.2	.0	.0	5.9	.6	4.2	1.4	.1	.0	.0	6.2

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT (1 1-2 3-4 5-6 7 8-9 10-11 12-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	S					SW					48+					PCT					
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.4	1.5	.1	.0	.0	.0	2.0	.3	1.5	.1	.0	.0	.0	2.0	.3	1.5	.1	.0	.0	.0	2.0
1-2	.3	3.7	2.0	.0	.0	.0	6.6	.2	3.1	3.3	.0	.0	.0	6.6	.2	3.1	3.3	.0	.0	.0	6.6
3-4	.0	1.1	2.0	.2	.0	.0	3.3	.0	1.2	3.7	.6	.0	.0	3.3	.0	1.2	3.7	.6	.0	.0	3.3
5-6	.0	.2	.5	.1	.0	.0	.9	.0	.2	1.5	.5	.0	.0	.9	.0	.2	1.5	.5	.0	.0	.9
7	.0	.0	.2	.1	.0	.0	.3	.0	.0	.7	.2	.0	.0	.3	.0	.0	.7	.2	.0	.0	.3
8-9	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.2	.0	.0	.1	.0	.0	.1	.2	.0	.0	.1
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.1	.2	.0	.0	.0
12-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.7	6.5	5.5	.4	.0	.0	13.1	.5	6.1	9.4	2.0	.1	.0	18.0	.5	6.1	9.4	2.0	.1	.0	18.0

HGT (1 1-2 3-4 5-6 7 8-9 10-11 12-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	NW					48+					PCT					48+					PCT				
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33
1-3	.4	1.2	.0	.0	.0	.0	1.6	.3	1.7	.0	.0	.0	.0	1.6	.3	1.7	.0	.0	.0	.0	1.6	.3	1.7	.0	.0
1-2	.1	1.4	.9	.0	.0	.0	2.4	.1	1.2	.5	.0	.0	.0	2.4	.1	1.2	.5	.0	.0	.0	2.4	.1	1.2	.5	.0
3-4	.0	.3	1.0	.1	.0	.0	1.4	.0	.3	.7	.1	.0	.0	1.4	.0	.3	.7	.1	.0	.0	1.4	.0	.3	.7	.1
5-6	.0	.0	.2	.1	.0	.0	.5	.0	.0	.2	.1	.0	.0	.5	.0	.0	.2	.1	.0	.0	.5	.0	.0	.2	.1
7	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.5	3.0	2.5	.3	.0	.0	6.3	.5	2.3	1.6	.3	.1	.0	4.7	.5	2.3	1.6	.3	.1	.0	4.7	.5	2.3	1.6	.3

PERIOD: (OVER-ALL) 1963-1971

ANNUAL

AREA 0003 MHA TRANG
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TABLE 10 (CONT)

WIND SPEED (KTS) VS SEA HEIGHT (FT)

HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	5.3	10.8	.4	.0	.0	.0	16.5	885
1-2	1.6	19.2	14.9	.0	.0	.0	35.7	
3-4	.2	6.1	16.7	3.0	.0	.0	26.0	
5-6	.2	.8	6.7	2.5	.2	.0	10.3	
7	.0	.1	3.0	2.4	.2	.0	5.6	
8-9	.0	.0	.0	1.5	.3	.0	2.7	
10-11	.0	.0	.0	.8	.4	.0	1.5	
12	.0	.0	.1	.3	.3	.0	.7	
13-16	.0	.0	.1	.4	.2	.1	.7	
17-19	.0	.0	.0	.0	.0	.1	.1	
20-22	.0	.0	.0	.0	.0	.0	.1	
23-25	.0	.0	.0	.0	.0	.0	.1	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	7.1	37.1	43.1	10.9	1.7	.2	100.0	12502

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
16	3.3	24.1	19.9	5.4	2.5	1.0	.4	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8768
6-7	.0	1.8	4.3	4.4	2.9	1.4	1.0	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2539
8-9	.0	.4	.8	1.2	1.6	1.2	.5	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	999
10-11	.0	.2	.3	.2	.4	.4	.4	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	346
12-13	.0	.0	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	94
14-15	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	55
16-17	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13
18-19	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2418
TOTAL	1894	4566	4142	1841	1228	674	392	192	200	47	26	8	7	1	.0	.0	.0	.0	.0	.0	15218
PCT	12.2	29.4	27.3	12.3	8.3	4.6	2.7	1.3	1.4	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	100.0

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1855-1971

AREA 0003 NHA TRANG
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TABLE 20
PERCENT FREQUENCY OF OCCURRENCE OF SEA TEMP (DEC F) BY MONTH

SEA TMP DEC F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	PCT
96+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
95/96	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
95/94	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
91/92	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	.5
89/90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	179	.5
87/88	.1	.1	.4	.4	1.8	1.3	3.3	7.7	8.8	2.4	3.3	.2	958	2.7
85/86	.3	.4	3.6	13.7	22.0	17.1	12.1	9.3	17.8	9.8	3.0	.4	3348	9.1
81/84	1.6	2.2	5.8	33.9	25.3	29.4	24.8	28.1	30.5	23.7	9.0	2.4	6614	18.5
81/82	7.2	9.1	21.9	33.8	23.6	30.7	37.3	38.3	36.8	42.4	32.0	11.3	9752	27.2
79/80	17.5	19.4	26.4	15.4	5.5	10.2	13.4	11.9	7.5	16.2	29.2	29.8	5988	15.7
77/78	25.9	22.4	20.3	16.8	1.8	3.0	5.0	4.7	1.7	3.7	17.9	28.2	4098	11.4
75/76	25.5	22.4	11.3	2.4	.2	1.9	2.7	1.9	.4	1.2	7.1	22.5	2879	8.0
73/74	16.4	14.7	6.2	.4	.1	.5	.6	1.3	.1	.3	.9	5.6	1376	3.8
71/72	4.2	6.8	2.8	.3	.0	.0	.2	.4	.3	.1	.3	1.2	478	1.3
69/70	1.0	2.4	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	137	.4
67/68	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	18	.1
65/66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0
63/64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0
61/62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	.0
59/60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
57/58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
55/56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
53/54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
51/52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
49/50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
47/48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
45/46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
43/44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
41/42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
39/40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
37/38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
35/36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
33/34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
31/32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
29/30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
27/28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
25/26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
23/24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
21/22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
19/20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
17/18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
15/16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
13/14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
11/12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
9/10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
7/8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
5/6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
3/4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
1/2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
TOTAL	3187	2510	3410	3495	3214	2990	3098	3006	2636	2967	2665	2862	35840	100.0
MEAN	76.7	76.7	78.8	81.9	83.6	82.8	82.1	82.1	82.9	82.0	80.0	78.0	80.6	

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1855-1971

AREA 0003 NHA TRANG
12.1N 109.7E

TABLE 21

PRESSURE (MB)

AVERAGE BY HOUR (GMT)

MO	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	TOTAL
JAN	1014	1014	1013	1012	1013	1014	1013	1013	1013	2606
FEB	1014	1013	1013	1011	1012	1013	1013	1012	1013	1942
MAR	1012	1012	1012	1009	1011	1011	1011	1010	1011	2734
APR	1011	1011	1010	1008	1009	1010	1010	1009	1010	2734
MAY	1009	1008	1008	1006	1007	1008	1008	1007	1008	2485
JUN	1007	1007	1006	1005	1006	1007	1007	1006	1007	2325
JUL	1006	1005	1005	1004	1005	1006	1006	1005	1005	2419
AUG	1006	1007	1006	1004	1005	1006	1006	1006	1006	2330
SEP	1008	1008	1007	1005	1007	1008	1007	1008	1007	2005
OCT	1010	1010	1009	1008	1009	1010	1009	1009	1009	2373
NOV	1011	1012	1011	1010	1011	1011	1011	1010	1011	2039
DEC	1012	1013	1012	1011	1012	1013	1012	1012	1012	2086
ANN	1010	1010	1009	1008	1009	1010	1009	1009	1009	20088
005	4978	2011	5179	2155	4654	2043	4775	2293		

PERCENTILES

MO	MIN	1M	5M	25M	50M	75M	95M	99M	MAX
JAN	1000	1006	1009	1012	1013	1015	1017	1020	1023
FEB	998	1004	1008	1011	1013	1015	1018	1020	1022
MAR	996	1001	1006	1009	1011	1013	1016	1019	1029
APR	1000	1003	1006	1008	1010	1012	1014	1016	1022
MAY	998	1001	1003	1006	1008	1009	1012	1014	1018
JUN	996	999	1002	1004	1007	1008	1011	1013	1019
JUL	993	997	1000	1002	1005	1007	1010	1012	1015
AUG	994	998	1000	1002	1004	1006	1009	1012	1015
SEP	996	1000	1002	1005	1007	1009	1011	1013	1017
OCT	996	1000	1004	1008	1010	1011	1013	1015	1017
NOV	998	1002	1006	1009	1011	1013	1015	1017	1019
DEC	998	1000	1007	1010	1012	1014	1017	1019	1022

PERIOD: (PRIMARY) 1937-1971
(OVER-ALL) 1956-1971

JANUARY

AREA 0004 SAIGON 9.5M 107.5E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FG	SHR	DUST	NO	
N	.2	.0	.1	.0	.0	.0	.0	.2			.0	.1			7.3
NE	.4	.3	.5	.0	.0	.0	.0	1.2			.1	.3			53.4
E	.1	.1	.1	.0	.0	.0	.0	.2			.1	.2			31.4
SE	.0	.0	.0	.0	.0	.0	.0	.0			.0	.0			2.1
S	.0	.0	.0	.0	.0	.0	.0	.0			.0	.0			.6
SW	.0	.0	.0	.0	.0	.0	.0	.0			.0	.0			.4
W	.0	.0	.0	.0	.0	.0	.0	.0			.0	.0			.4
NW	.0	.0	.0	.0	.0	.0	.0	.0			.0	.0			.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0			.0	.0			.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0			.0	.0			.0
TOT OBS	23	13	25	0	0	0	0	0	61		.6	.7			3644
TOT PCT	.6	.3	.7	.0	.0	.0	.0	1.6			.2	.2			97.4

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FG	SHR	DUST	NO	
0000Z	.6	.4	.7	.0	.0	.0	.0	1.8			.3	.7			97.2
0600Z	.9	.4	.5	.0	.0	.0	.0	1.8			.2	1.0			97.0
1200Z	.4	.2	.7	.0	.0	.0	.0	1.4			.1	.4			97.7
1800Z	.5	.3	1.1	.0	.0	.0	.0	2.0			.3	.3			97.1
TOT	23	13	29	0	0	0	0	65			.7	.7			3678
PCT	.6	.3	.8	.0	.0	.0	.0	1.7			.2	.2			97.3

PERIOD: (PRIMARY) 1937-1971
(OVER-ALL) 1856-1971

JANUARY

AREA 0004 SAIGON
9.5M 107.5E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)									
	0-3	4-10	11-21	22-33	34-47	48+ TOTAL OBS	PCY FREQ	MEAN SPD	00	03	06	09	12	15	18	21				
N	.2	1.8	4.3	2.4	.3	.1	8.8	17.3	10.6	15.3	8.5	10.2	6.3	7.3	7.3	11.2				
NE	.5	8.1	29.5	15.0	1.7	.1	55.6	18.2	59.2	54.7	59.1	51.6	50.8	52.2	51.3	53.3				
E	.4	6.7	17.2	5.7	.3	.0	30.3	15.9	28.2	17.2	27.8	24.3	27.5	31.7	34.8	28.5				
SE	.2	1.1	.7	.1	.0	.0	2.1	8.7	1.6	.5	2.2	1.6	2.8	1.5	2.0	2.0				
S	.1	.3	.1	.2	.0	.0	.6	8.0	.2	.4	.3	.8	.0	.2	.1	.0				
SW	.1	.2	.1	.0	.0	.0	.4	5.2	.4	.0	.0	.0	.0	.2	.2	.5				
W	.1	.2	.1	.0	.0	.0	.4	7.0	.9	1.5	1.0	.2	.4	.0	.0	.0				
NW	.1	.5	.2	.1	.0	.0	.9	10.0	1.5	.4	.4	.4	.4	.0	.0	.0				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
TOT OBS	11	933	2285	1047	102	.4	4392	16.8	793	244	855	232	632	230	781	1000				
TOT PCY	2.5	19.0	52.3	23.8	2.3	.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)									
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCY	MEAN	STD	00	03	06	09	12	15	18	21		
N	.0	3.4	3.7	.0	.1	.1	8.9	17.3	11.7	9.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5		
NE	2.4	20.6	26.7	5.6	.3	.3	55.6	18.2	57.4	59.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4		
E	2.1	14.8	11.1	1.4	.1	.1	30.3	15.9	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8		
SE	.0	1.2	.2	.0	.0	.0	2.1	8.7	1.4	2.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6		
S	.0	.2	.0	.0	.0	.0	.6	8.0	.3	.5	.9	.9	.9	.9	.9	.9	.9	.9		
SW	.0	.1	.0	.0	.0	.0	.4	5.2	.3	.5	.2	.2	.2	.2	.2	.2	.2	.2		
W	.0	.2	.0	.0	.0	.0	.4	7.0	.7	.6	.4	.4	.4	.4	.4	.4	.4	.4		
NW	.0	.4	.1	.0	.0	.0	.9	10.0	1.5	.8	.4	.4	.4	.4	.4	.4	.4	.4		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
TOT OBS	353	1786	1875	348	20	.5	4392	100.0	1037	1187	1062	1106	1037	1187	1062	1106	1037	1187		
TOT PCY	8.0	40.9	42.7	7.9	.5	.5	16.8		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

PERIOD: (PRIMARY) 1937-1971
(OVER-ALL) 1850-1971

JANUARY

AREA 0004 SAIGON
9.5N 107.5E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT	TOTAL
				11-21	22-33	34-47	48+				
0403	1.1	2.1	21.2	49.1	24.6	1.8	.1	16.6	100.0	1037	
0408	.6	2.3	17.4	52.7	23.7	3.3	.1	17.1	100.0	1107	
2405	.6	.9	18.1	54.7	23.6	2.1	.0	17.2	100.0	1062	
0601	1.1	1.4	19.4	52.4	23.5	2.0	.2	16.7	100.0	1106	
1047	.36	.75	833	2295	1047	102	.4	16.9		4392	
PCT	.8	1.7	19.0	52.3	23.8	2.3	.1		100.0		

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & 0850	TOTAL 885
N	1.0	1.0	2.0	1.7	
NE	15.2	10.9	10.0	9.3	
E	12.0	7.4	11.7	3.3	
SE	.9	.5	.6	.3	
S	.2	.2	.2	.0	
SW	.1	.1	.2	.1	
W	.1	.1	.2	.2	
NW	.2	.1	.3	.3	
VAR	.0	.0	.0	.0	
CALM	.2	.2	.3	.1	
TOT 885	890	607	1022	456	2975
TOT PCT	29.9	20.4	34.4	15.3	100.0

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH 14/8)
AND OCCURRENCE OF MH 15/8 BY WIND DIRECTION

	000	150	300	500	600	1000	2000	3500	5000	6500	8000+	MH 15/8	TOTAL
	149	299	599	999	1599	3499	4999	7999	8499	7999	8499	885	885
000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
150	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
300	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
500	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
600	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3500	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
6500	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8000+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MH 15/8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOTAL	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	

PERIOD: (PRIMARY) 1937-1971
(OVER-ALL) 1858-1971

JANUARY

AREA 0004 SAIGON
9.5N 107.5E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MH > 478) AND VSBY (MH)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	VSBY (MH) = OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	4.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3
= OR > 5000	4.6	5.2	5.2	5.2	5.2	5.2	5.2	5.2
= OR > 3500	5.8	6.6	6.6	6.6	6.6	6.6	6.6	6.6
= OR > 2000	14.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
= OR > 1000	21.0	27.6	28.0	28.1	28.1	28.1	28.1	28.1
= OR > 600	22.0	29.0	29.5	29.5	29.5	29.5	29.5	29.5
= OR > 300	22.2	29.3	29.8	29.9	29.9	29.9	29.9	29.9
= OR > 150	22.3	29.4	29.9	30.0	30.0	30.0	30.0	30.0
= OR > 0	22.3	29.5	30.0	30.1	30.1	30.1	30.1	30.1
TOTAL	670	887	903	904	904	904	904	904

TOTAL NUMBER OF OBS: 3008

PCT FREQ MH < 578: 69.9

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	9	TOTAL OBS
16.7	12.5	21.8	11.3	7.5	7.6	8.7	4.8	9.0	.0	3060

PERIOD: (PRIMARY) 1937-1971
(OVER-ALL) 1850-1971

JANUARY

AREA 0004 SAIGON
9.5N 107.5E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NC	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2 < 1	PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1 < 2	PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 < 5	PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 < 10	PCP	.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	.9
	NO PCP	1.7	9.6	4.1	.3	.2	.1	.1	.0	.1	.1	16.1
	TOT %	1.9	10.2	4.1	.3	.2	.1	.1	.0	.1	.1	17.0
10+	PCP	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.5
	NO PCP	5.7	43.9	27.6	1.9	.4	.4	.4	.0	.7	.7	61.6
	TOT %	5.9	44.2	27.7	1.9	.4	.4	.4	.0	.7	.7	62.1
TOT OBS		7.7	55.0	32.0	2.2	.6	.4	.4	.0	.8	.8	3742
TOT PCT												

PERIOD: (PRIMARY) 1937-1971
(COVER-ALL) 1850-1971

JANUARY

AREA 0604 SAIGON
9.5N 107.5E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISIB (MM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1 1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1 1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10+	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS		8.2	55.3	31.4	2.1	.6	.4	.4	.9	.0	.6	100.0	4123

PERIOD: (PRIMARY) 1937-1971
(OVER-ALL) 1958-1971

JANUARY

AREA 0004 SAIGON
9.5M 107.5E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, MM 3/4/8) AND
OCCURRENCE OF MM 5/8 BY HOUR

HOUR (GMT)	000	150	300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400	TOTAL	MM 5/8 ANY HGT	TOTAL OBS
00003	.1	.1	.4	1.5	3.4	14.4	1.0	1.3	2.1	2.1	37.6	62.4	771							
06009	.0	.0	.4	1.5	10.5	11.2	1.5	.0	2.0	1.6	29.3	70.7	793							
12015	.0	.1	.1	1.2	9.0	8.7	1.0	.9	2.4	2.7	27.7	72.3	776							
18021	.3	.1	.4	1.2	8.3	7.3	1.6	.5	2.0	2.2	24.0	76.0	739							
TOT	3	3	10	44	319	317	51	27	65	904	2138	3042								
PCT	.1	.1	.3	1.4	10.5	10.4	1.7	.9	2.1	2.1	29.7	70.3	100.0							

TABLE 11

PERCENT FREQUENCY VSBY (MM) BY HOUR

HOUR (GMT)	1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL OBS
00003	.0	.0	.3	.7	14.9	84.2	750
06009	.0	.0	.0	.9	14.4	84.7	743
12015	.0	.0	.1	.9	15.3	83.6	776
18021	.0	.0	.0	.5	10.5	81.0	731
TOT	0	0	3	23	474	2508	3008
PCT	.0	.0	.1	.8	15.6	83.4	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (MM) AND/OR
CEILING HGT (FEET, MM 3/4/8) BY HOUR

HOUR (GMT)	<150 <50YD	<150 <5	<600 <1000	<1000+ 1000+	MM 5/8 AND 5+	TOTAL OBS
00003	.1	.7	3.2	35.2	61.6	750
06009	.0	.4	2.7	27.2	70.1	743
12015	.0	.3	2.4	25.9	71.6	776
18021	.3	.8	2.6	22.0	75.4	731
TOT	3	16	82	831	2095	3008
PCT	.1	.5	2.7	27.6	69.6	100.0

JANUARY

PERIOD: (PRIMARY) 1937-1971
(OVER-ALL) 1850-1971

AREA 0004 SA100M
9.5M 107.5E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100			
50-59	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0
60-69	.0	.0	.0	.1	.4	.7	.1	.0	.0	.0	.0
70-79	.0	.0	.0	.2	2.2	8.5	6.8	3.1	.0	.0	.0
80-89	.0	.0	.0	.2	3.0	21.6	24.8	16.6	18.9	66.2	.0
90-100	.0	.0	.0	.0	.9	5.0	3.6	1.8	32.3	11.3	.0
TOTAL	.0	.0	.2	21	189	1027	1006	614	2859	100.0	.0
PCT	.0	.0	.1	.7	6.6	35.9	35.2	21.5			

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	NW	VAR	CALM	
.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0
.1	.8	.3	.0	.1	.1	.0	.0	.0	.0	.0
.9	12.4	6.3	.5	.1	.1	.2	.1	.0	.0	.0
4.2	35.6	22.8	1.6	.4	.2	.2	.7	.0	.6	.1
1.3	5.5	4.2	.2	.0	.0	.0	.0	.0	.1	.1
6.5	54.4	33.8	2.3	.5	.5	.4	.9	.0	.8	.8

TABLE 15

MEANS, EXTREMES, AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL	
00403	94	85	81	77	73	72	70	77.5	1045	805
06409	95	89	85	79	75	73	70	79.2	1183	722
12415	94	84	81	78	74	72	70	77.4	1074	711
18421	87	81	80	77	73	72	70	76.6	1117	745
TOT	95	86	82	78	74	72	70	77.7	4419	2890

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00403	.0	.3	.3	5.3	34.9	37.1	22.4	.0	.0	805
06409	.0	2.3	3.9	41.9	28.0	12.1	.0	.0	.0	722
12415	.0	.4	4.6	36.9	34.0	23.4	.0	.0	.0	711
18421	.0	.3	2.5	29.2	40.7	27.2	.0	.0	.0	745
TOT	0	23	189	1040	1022	616	.0	.0	.0	2890

PERIOD: (PRIMARY) 1937-1971
(OVER-ALL) 1858-1971

JANUARY

AREA 0004 SAIGON 9.5N 107.5E
TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	73	77	81	85	89	93	TOT	N	W8
	72	76	80	84	88	92	96	FOG	FOG	FOG
17/19	.0	.0	.0	.0	.0	.0	.0	1	.0	.0
14/16	.0	.0	.0	.0	.0	.0	.0	2	.0	.1
11/13	.0	.0	.0	.1	.1	.2	.0	33	.0	.4
9/10	.0	.0	.1	.3	.3	.2	.0	30	.0	.9
7/8	.0	.0	.3	.7	.5	.1	.0	57	.0	1.6
6	.0	.1	.2	.5	.1	.0	.0	30	.0	.9
5	.0	.1	.6	1.5	.3	.0	.0	91	.0	2.6
4	.0	.3	2.3	1.5	.1	.0	.0	153	.0	4.4
3	.0	.4	1.6	1.3	.1	.0	.0	123	.0	3.5
2	.1	1.9	5.2	1.9	.0	.0	.0	320	.0	9.1
1	.0	2.5	5.8	1.1	.0	.0	.0	332	.0	9.5
0	.2	1.3	12.1	.9	.0	.0	.0	721	.1	20.5
-1	.3	4.3	6.6	.6	.0	.0	.0	409	.0	11.7
-2	.3	5.3	6.1	.3	.0	.0	.0	438	.0	12.5
-3	.1	2.9	3.6	.3	.0	.0	.0	245	.0	7.0
-4	.3	4.1	2.1	.2	.0	.0	.0	233	.0	6.6
-5	.0	1.7	2.0	.1	.0	.0	.0	133	.0	3.6
-6	.1	1.0	.9	.1	.0	.0	.0	73	.0	2.1
-7/-8	.3	.6	1.1	.2	.0	.0	.0	16	.0	.5
-9/-10	.1	.1	.3	.0	.0	.0	.0	75	.0	.1
-11/-13	.1	.1	.1	.0	.0	.0	.0	6	.0	.2
TOTAL								3501	.2	99.8
PCT	1.6	32.9	51.7	11.7	1.5	.6	.1	100.0		

TABLE 10 PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT (1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
MGT														
(1														
1-2														
3-4														
5-6														
7														
8-9														
10-11														
12														
13-16														
17-19														
20-22														
23-25														
26-32														
33-40														
41-48														
49-60														
61-70														
71-86														
87+														
TOT PCT	1	1.4	2.7	1.6	.2	#	6.1	5	7.7	30.0	16.2	2.0	.2	56.6

HGT (1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-24 25-27 28-30 31-33 34-36 37-39 40-42 43-45 46-48 49-51 52-54 55-57 58-60 61-63 64-66 67-69 70-72 73-75 76-78 79-81 82-84 85-87 88-90 91-93 94-96 97-99 100+	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
MGT														
(1														
1-2														
3-4														
5-6														
7														
8-9														
10-11														
12														
13-16														
17-19														
20-22														
23-24														
25-27														
28-30														
31-33														
34-36														
37-39														
40-42														
43-45														
46-48														
49-51														
52-54														
55-57														
58-60														
61-63														
64-66														
67-69														
70-72														
73-75														
76-78														
79-81														
82-84														
85-87														
88-90														
91-93														
94-96														
97-99														
100+														
TOT PCT	3	7.4	18.3	7.0	.1	0	33.2	.1	1.1	.6	.1	.0	.0	2.0

PERIOD: (OVER-ALL) 1963-1971

JANUARY

AREA 0004 SAIGON
9.5N 107.5E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TOT SBS
	0-3	4-10	11-21	22-33	34-47	48+	48+	48+	48+	48+		
<1	1.1	2.9	.3	.0	.0	.0	.0	.0	.0	.0	4.3	
1-2	.7	10.6	13.0	.0	.0	.0	.0	.0	.0	.0	24.2	
3-4	.2	4.6	23.6	10.0	.0	.0	.0	.0	.0	.0	38.4	
5-6	.0	.4	9.0	3.7	.2	.0	.0	.0	.0	.0	13.4	
7	.0	.0	4.8	4.6	.6	.0	.0	.0	.0	.0	10.0	
8-9	.0	.0	.9	3.2	.6	.0	.0	.0	.0	.0	4.6	
10-11	.0	.0	.2	1.7	.2	.0	.0	.0	.0	.0	2.2	
12	.0	.0	.1	1.0	.1	.0	.0	.0	.0	.0	1.3	
13-16	.0	.0	.1	.6	.1	.0	.0	.0	.0	.0	.7	
17-19	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	
20-22	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.3	
23-25	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.3	
26-32	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	2.0	18.5	52.0	25.0	2.3	.2	100.0					2123

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																			TOTAL	MEAN HGT
	41	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+		
6	.7	15.2	22.8	8.5	5.6	1.9	.5	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1397	4
6-7	.0	1.1	7.8	5.4	4.3	2.5	1.5	.7	.4	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	605	6
8-9	.0	.2	1.0	.9	1.4	1.0	1.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	154	7
10-11	.0	.0	.2	.4	.3	.3	.3	.6	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	70	9
12-13	.0	.0	.0	.2	.1	.2	.1	.2	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	25	9
>13	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.2	.2	.0	.0	.0	.0	.0	17	17
INDCT	1.2	2.4	2.6	1.2	1.0	.4	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	229	4
TOTAL	48	478	865	417	318	163	92	57	36	10	7	9	9	9	0	0	0	0	0	2509	5
PCT	1.9	19.1	34.5	16.6	12.7	6.5	3.7	2.3	1.4	.4	.3	.4	.4	.4	.0	.0	.0	.0	.0	100.0	4

PERIOD: (PRIMARY) 1974-1971
(OVER-ALL) 1957-1971

FEBRUARY

AREA 0004 SAIGON
9.5N 107.4E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THDR		OTHER WEATHER PHENOMENA						TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN	FRZM PCPN				LYNG	LYNG	FOG PCPN	SMOKE PCPN	HAZE PCPN	BLWD PCPN	DUST PCPN	SIG PCPN	
N	.2	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.8
NE	.2	.0	.0	.0	.0	.0	.0	.0	.3	.3	.1	.2	.1	.7	.0	.0	.0	.0	42.6
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	41.6
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
TOT OBS	7	6	1	0	0	0	0	0	.0	14	2	9	9	53	.0	.0	.0	.0	2914
TOT PCT	.2	.2	.2	.0	.0	.0	.0	.0	.5	.5	.1	.3	.3	1.0	.0	.0	.0	.0	97.4

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THDR		OTHER WEATHER PHENOMENA						TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN	FRZM PCPN				LYNG	LYNG	FOG PCPN	SMOKE PCPN	HAZE PCPN	BLWD PCPN	DUST PCPN	SIG PCPN	
00003	.3	.1	.0	.0	.0	.0	.0	.0	.4	.4	.0	.0	.3	.9	.0	.0	.0	.0	98.4
06009	.1	.3	.0	.0	.0	.0	.0	.0	.4	.4	.0	.0	.4	2.9	.0	.0	.0	.0	96.3
12015	.3	.1	.0	.0	.0	.0	.0	.0	.4	.4	.3	.3	.4	1.6	.0	.0	.0	.0	97.4
18021	.3	.3	.1	.0	.0	.0	.0	.0	.6	.6	.0	.0	.3	1.7	.0	.0	.0	.0	97.4
TOT	7	6	1	0	0	0	0	0	.6	14	2	10	10	53	.0	.0	.0	.0	2917
PCT	.2	.2	.2	.0	.0	.0	.0	.0	.5	.5	.1	.3	.3	1.0	.0	.0	.0	.0	97.4

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PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1957-1971

AREA 0004 SAIGON
9.5N 107.4E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	00	03	06	09	12					15	18	21					
MC	1	14	27	14	1	0	5.6	16.5	5.3	11.2	6.0	6.4	4.7	2.8	4.3	7.1						
MC	4	88	238	111	6	0	44.7	17.0	46.7	53.7	45.1	50.0	41.8	48.0	40.3	46.1						
C	10	95	227	63	3	0	39.8	15.1	38.9	24.0	40.2	31.5	44.3	37.0	45.6	32.3						
SC	6	28	12	1	#	0	4.7	8.9	4.8	2.8	3.7	7.2	4.6	5.0	4.9	2.6						
S	3	11	2	0	0	0	1.5	6.5	1.2	1.7	.8	2.2	1.8	2.5	1.2	2.8						
SM	2	7	1	#	0	0	1.0	6.3	.5	3.0	.6	1.3	.6	1.3	.8	3.0						
M	1	3	1	#	0	0	8.7	8.7	.8	1.0	.7	.0	.3	1.3	.4	.3						
MM	#	1	1	1	0	0	14.1	14.1	.3	.7	.6	.8	.4	.3	.2	.5						
VAR	0	0	0	0	0	0	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0						
CALM	16	920	1892	712	36	0	3719	1.6	1.4	2.0	1.5	.7	1.5	1.9	2.1	2.0						
TOT OBS	159	420	1092	1912	100	0	3719	100.0	648	150	742	268	719	160	728	304						
TOT PCT	4.3	24.7	50.9	19.1	1.0	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40	00					03	06	09	12	15	18	21	
M	.5	2.5	2.2	.6	.0	.0	5.8	16.5	6.4	6.4	6.7	4.3	5.1	4.3	5.1	4.3	5.1
MC	2.5	18.4	20.4	3.4	.1	.0	44.7	17.0	48.0	48.0	46.4	42.8	42.0	42.0	42.0	42.0	42.0
C	4.0	19.0	15.4	1.4	.0	.0	39.8	15.1	36.1	36.1	37.9	43.0	41.8	41.8	41.8	41.8	41.8
SC	1.6	2.5	.4	#	.0	.0	4.7	8.9	4.4	4.4	4.6	4.7	5.1	5.1	5.1	5.1	5.1
S	.9	.6	#	.0	.0	.0	1.5	6.5	1.3	1.3	1.2	1.9	1.7	1.7	1.7	1.7	1.7
SM	.7	.3	#	.0	.0	.0	1.0	6.3	1.0	1.0	.8	.7	1.5	1.5	1.5	1.5	1.5
M	.2	.2	.1	.0	.0	.0	.5	8.7	.9	.9	.5	.5	.4	.4	.4	.4	.4
MM	.1	.1	.2	.0	.0	.0	.4	14.1	.4	.4	.6	.6	.4	.4	.4	.4	.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	1.6	1619	1437	201	.2	3719	1.6	.0	1.5	1.5	1.3	1.6	1.6	2.0	2.0	2.0	2.0
TOT OBS	460	43.5	38.6	5.4	.1	100.0	100.0	15.3	798	1010	879	1032	1032	1032	1032	1032	1032
TOT PCT	12.4	43.5	38.6	5.4	.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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AREA 0004 50100M 9.5M 107.4E

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1957-1971

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT	TOTAL
										005
0000	1.5	2.3	25.1	40.6	19.7	.9	.0	15.1	100.0	798
0600	1.3	2.6	24.8	52.5	17.5	1.4	.0	15.2	100.0	1010
1200	1.6	1.7	20.8	55.1	19.6	1.3	.0	15.9	100.0	879
1800	2.0	3.1	27.0	47.5	20.0	.4	.0	14.9	100.0	1032
TOT	60	99	920	1852	712	36	.0	15.3		3719
PCT	1.6	2.7	24.7	50.9	19.1	1.0	.0		100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & 0850	TOTAL 005	MEAN CLOUD COVER
N	1.1	1.1	1.5	.2		4.0
NE	13.7	9.3	15.5	4.0		4.1
E	20.3	10.7	12.8	1.9		3.4
SE	2.4	.7	1.3	.1		3.1
S	.6	.3	.1	.0		2.2
SW	.2	.1	.0	.0		2.3
W	.1	.1	.1	.1		4.8
NW	.2	.0	.1	.0		3.7
VAR	.0	.0	.0	.0		3.6
CALM	.7	.4	.1	.0		3.7
TOT 005	869	501	656	143	2209	
TOT PCT	39.3	22.7	31.5	6.5	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MM 14/8)
AND OCCURRENCE OF MM 15/8 BY WIND DIRECTION

	000	150	300	500	1000	2000	3500	5000	6500	8000+	MM 15/8	ANY MGT	TOTAL
	149	299	599	999	1999	3499	4999	6499	7999			005	005
N	.0	.0	.1	.2	.6	.2	.0	.0	.0	.0	.0	.0	2.8
NE	.1	.0	.1	1.3	3.3	4.7	.4	.5	.9	.0	.4	.0	30.8
E	.0	.0	.0	.7	2.4	3.1	.6	.7	1.5	.0	.6	.0	36.1
SE	.0	.0	.0	.0	.2	.5	.0	.1	.0	.0	.0	.0	3.5
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
NW	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.2	.1	.4	.5	1.6	1.9	.2	.0	.0	.0	.0	.0	1.1
TOT 005	1	1	4	51	146	191	23	28	55	28	160	1.3	2209
TOT PCT	.1	.1	.2	2.3	6.6	8.6	1.0	1.3	2.5	1.3	76.1	100.0	

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1857-1971

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9.5N 107.4E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM >4/8) AND VSBY (MM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	VSBY (MM) = OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	3.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8
= OR >5000	4.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0
= OR >3500	5.2	6.0	6.0	6.0	6.1	6.1	6.1	6.1
= OR >2000	12.5	14.7	14.7	14.7	14.7	14.7	14.7	14.7
= OR >1000	17.8	21.3	21.3	21.3	21.3	21.3	21.3	21.3
= OR >600	19.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6
= OR >300	19.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8
= OR >150	19.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8
= OR >0	19.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8
TOTAL	434	527	528	528	529	529	529	529

TOTAL NUMBER OF OBS: 2209

PCT FREQ MM <5/8: 76.1

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	00SCD	TOTAL OBS
17.1	14.0	23.9	12.0	9.2	7.1	9.2	4.0	3.5	.0	2275	

PERIOD: (PRIMARY) 1934-1937
(SECONDARY) 1957-1971

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AREA 0004 SAIGON 9.5M 107.4E

TABLE 3

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSAY (NM)	N	MC	V	SE	S	SM	M	HM	VAR	DELM	PCT	TOTAL SOS
112	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
121	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
510	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
104	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
TOT SOS	4.7	44.1	42.5	4.4	1.3	.6	.5	.4	.0	1.3	100.0	2992

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1857-1971

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9.5M 107.4E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISY (MM)	SPO KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10+	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS		5.1	43.8	41.5	4.6	1.6	1.0	.5	.4	.0	1.4	100.0	3316

AREA 0004 SAIGON
9.5N 107.4E

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MH) > 4/8) AND OCCURRENCE OF MH 5/8 BY HSBQ

[illegible]

PERCENT FREQUENCY VS BY HOUR

HOUR (CMT)	1/2	1/2+1	1+2	2+5	5+10	10+	TOTAL HRS
0000	0	0	0	4	12.5	67.1	520
0600	0	2	0	2	12.6	67.1	557
1200	0	0	0	0	14.4	85.6	575
1800	0	0	0	2	15.6	85.2	549
TOT	0	2	0	6	55.1	305.0	2209
EST	0	4	0	2	13.5	76.2	100.0

CUMULATIVE PCT FREQ OF RANGES OF VSOY (MM) AND/OR
CELLING HGT (FEET.MM) 4/8) .5Y HOUR

MBUM (GMT:	150 50%	600 1	100- 15	1000+ RDS+	NH \$5.0 AND 5+	TOTAL 5+ 853
00403	.2	.8	3.2	20.0	65.0	528
06409	.2	.4	3.2	22.6	74.1	557
12415	.0	.3	3.0	18.9	80.2	575
18421	.0	.0	1.9	18.0	80.1	549
787	2	6	52	470	1277	2209
PCI	.1	1.4	1.8	21.3	72.9	100.0

FEBRUARY

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1857-1971

AREA 0004 SAIGON
8.5M 107.4E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
95/99	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	2	.1
90/94	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	10	.5
85/79	.0	.0	.0	.1	1.2	1.0	.6	.3	.0	.0	71	3.3
80/84	.0	.0	.0	.1	1.8	10.7	8.8	5.9	.0	.0	595	27.4
75/79	.0	.0	.0	.0	.0	9	14.0	19.7	.0	.0	1376	63.3
70/74	.0	.0	.0	.0	.0	.0	2.4	2.5	.0	.0	121	5.6
TOTAL	.0	.0	.0	.0	.0	91	57.7	88.3	61.9	2175	100.0	
PCT	.0	.0	.0	.2	4.2	26.5	40.6	26.5				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
M	NE	E	SE	S	SW	W	NW	VAR	CALM
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
.0	.1	.3	.1	.0	.0	.0	.0	.0	.0
.7	1.4	1.4	.2	.1	.0	.0	.0	.0	.0
.7	12.6	11.9	1.3	.2	.1	.1	.2	.0	.2
2.6	26.6	29.7	2.6	.5	.1	.1	.1	.0	.2
.6	2.7	2.1	.1	.0	.0	.0	.0	.0	.0
4.0	43.4	45.4	4.2	.9	.3	.3	.3	.0	1.1

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											
HOUR	MAX	95%	90%	50%	5M	1M	MIN	MEAN	TOTAL		
00403	95	85	82	78	74	73	70	78.0	865		
06409	95	90	86	80	75	73	70	80.2	796		
12415	89	84	81	78	74	72	70	77.7	1000		
18421	83	81	80	77	73	72	70	76.9	879		
TOT	95	87	83	78	74	72	70	78.2	3708		

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR									
HOUR	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN
00403	.0	.2	.2	.2	.2	.2	.2	.2	30.4
06409	.0	.5	.5	.5	.5	.5	.5	.5	33.1
12415	.0	.0	.0	.0	.0	.0	.0	.0	29.7
18421	.0	.2	.2	.2	.2	.2	.2	.2	38.7
TOT	.0	.5	.5	.5	.5	.5	.5	.5	34.7
									84
									2176

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1957-1971

FEBRUARY

TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AREA 0004 SAIGON

9.5N 107.4E

AIR-SEA TMP DIF	69	73	77	81	85	89	93	TOT	M	W8 FOG
14/16	.0	.0	.0	.0	.0	.1	.1	6	.0	.2
11/13	.0	.0	.0	.2	.2	.2	.1	13	.0	.5
9/10	.0	.0	.1	.2	.2	.1	.0	18	.0	.6
7/8	.0	.0	.5	.4	.4	.1	.0	41	.0	1.4
6	.0	.0	.2	.3	.6	.1	.0	34	.0	1.2
5	.0	.2	.5	1.5	.5	.1	.0	80	.0	2.8
4	.0	.5	2.2	2.2	.3	.0	.0	149	.0	5.2
3	.0	.1	2.3	1.2	.2	.0	.0	108	.0	3.8
2	.0	1.5	5.1	3.4	.1	.0	.0	291	.1	10.1
1	.0	2.2	4.9	1.7	.2	.0	.0	258	.0	9.0
0	.2	6.5	10.5	2.7	.0	.0	.0	570	.1	19.8
-1	.0	3.4	6.1	1.0	.0	.0	.0	299	.0	10.5
-2	.3	5.8	7.1	1.2	.0	.0	.0	412	.0	14.4
-3	.0	2.8	3.6	.1	.0	.0	.0	187	.0	6.5
-4	.1	2.7	2.7	.3	.0	.0	.0	164	.0	5.7
-5	.2	1.2	1.9	.5	.0	.0	.0	111	.0	3.9
-6	.0	.6	.8	.1	.0	.0	.0	46	.0	1.6
-7/-8	.1	.9	1.0	.0	.0	.0	.0	58	.0	2.0
-9/-10	.0	.3	.2	.0	.0	.0	.0	13	.0	.5
TOTAL								2858	.3	99.7
PCT	1.1	28.7	49.9	16.9	2.8	.6	.2	100.0		

PERIOD: (OVER-ALL) 1963-1971

FEBRUARY

AREA 0004 SAIGON

TABLE 18

PCT FREQ 87 WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

9.5M 107.4E

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.0	.1	.0	.0	.0	.0	.1	.0	.7	.0	.0	.0	.0	.7
4-10	.0	.0	.7	.0	.0	.0	.7	.1	2.2	5.0	.0	.0	.0	7.3
11-21	.0	.0	.0	.0	.0	.0	.0	.0	2.3	10.0	2.0	.0	.0	14.4
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	3.0	.0	.0	8.9
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.0	.0	.0	5.3
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34-47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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9.5N 107.4E

PCT FREQ OF WIND SPEED AND DIRECTION VERSUS SEA HEIGHTS (FT)

[illegible]

101 101

101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000

100 100

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1966-1971

MARCH

AREA 0004 SAIGON 9.5N 107.5E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT 08 TIME	TOTAL PCPN	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					FG PCPN	SMOKE PCPN	DUST PCPN	BLWG SNOW	
N	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	3.6
NE	.1	.1	.1	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0	30.2
E	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28.8
SE	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	11.1
S	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	6.7
SW	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	5.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	.0	.9	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
TOT PCT	.2	.3	.2	.0	.0	.0	.0	.0	.7	.24	.30	.13	.51	.0	.0	3326
											.9	.4	1.5	.0	.0	96.6

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT 08 TIME	TOTAL PCPN	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					FG PCPN	SMOKE PCPN	DUST PCPN	BLWG SNOW	
0040Z	.6	.4	.1	.0	.0	.0	.0	.0	1.1	.1	.0	.0	.0	.0	.0	97.3
0640Z	.0	.1	.2	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0	96.9
1241Z	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	94.0
1842Z	.1	.2	.2	.0	.0	.0	.0	.0	.6	.6	1.2	.2	.3	.8	.0	97.4
TOT	.6	.9	.7	.0	.0	.0	.0	.0	.7	.24	.30	.13	.52	.0	.0	3338
PCT	.2	.3	.2	.0	.0	.0	.0	.0	.7	.24	.30	.4	1.5	.0	.0	96.6

MARCH

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1866-1971

AKER 0004 SAIGON
9.5M 107.5E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					
	0-3	4-10	11-21	22-33	34-47	00	03	06	09	12					15	18	21			
N	.4	1.3	2.3	.7	#	.0	4.8	13.9	5.4	7.9	5.3	5.7	3.9	2.6	3.6	5.3				
NE	1.0	10.1	16.8	4.8	.3	#	33.1	14.4	34.3	40.4	34.9	38.4	28.0	29.2	29.9	37.3				
E	1.4	16.3	16.5	2.9	#	.0	37.1	12.1	37.5	29.0	37.0	28.0	41.9	35.0	41.2	28.2				
SE	1.8	7.3	2.0	.1	.0	.0	11.3	7.2	9.4	9.9	9.2	13.5	11.4	14.2	12.6	14.4				
S	1.3	4.7	.9	.0	.0	.0	6.9	6.7	6.2	5.4	5.2	9.0	7.9	12.4	6.2	8.6				
SW	.4	1.8	.7	#	.0	.0	2.9	8.0	3.4	2.9	2.9	1.8	2.9	2.8	3.2	2.8				
W	1	.5	.1	#	.0	.0	8.4	8.4	1.1	1.3	1.1	.0	1.1	1.1	.5	.5				
NW	.2	.3	.2	#	.0	.0	8.4	8.4	1.1	.7	1.1	.0	1.1	.3	.3	.2				
VAR	.0	#	.0	.0	.0	.0	#	4.0	1.6	.0	.0	.0	.0	.0	.0	.0				
CALM	2.3	1806	1685	361	14	2	4250	2.3	11.6	2.4	2.0	3.3	1.6	2.0	1.6	2.7				
TOT OBS	382	1806	1685	361	14	2	4250	100.0	730	205	867	306	787	189	833	333				
TOT PCT	9.0	42.5	38.6	8.5	.3	#	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ		MEAN SPD	HOUR (GMT)					
	0-5	7-16	17-27	28-40					00		03	06	09	12	15	18
N	.8	2.2	1.5	.3	.0	#	4.8	13.9	6.0	5.4	3.7	4.1				
NE	7.9	17.0	10.8	1.3	#	33.1	33.1	14.4	35.6	26.1	28.2	28.2				
E	7.5	20.5	8.5	.6	.0	37.1	37.1	12.1	35.6	24.9	40.7	40.7				
SE	5.8	5.1	.4	#	.0	11.3	11.3	7.2	9.5	10.3	12.0	12.0				
S	3.8	3.1	.1	.0	.0	6.9	6.9	6.7	6.0	6.2	8.6	8.6				
SW	1.1	1.8	.1	.0	.0	2.9	2.9	8.0	3.3	2.6	2.9	3.1				
W	.4	.3	.1	.0	.0	8.4	8.4	8.4	1.1	.8	.8	.8				
NW	.4	.2	.1	.0	.0	8.4	8.4	8.4	1.0	.8	.8	.8				
VAR	#	.0	.0	.0	.0	#	4.0	4.0	1.0	.0	.0	.0				
CALM	2.3	2138	912	93	2	4250	2.3	11.6	100.0	100.0	100.0	100.0				
TOT OBS	1107	2138	912	93	2	4250			935	1173	976	1165				
TOT PCT	26.1	49.3	21.4	2.2	#	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

PERIOD: (PRIMARY) 1935-1971
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MARCH

AREA 0004 SAIGON 9.5N 107.5E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)											
HOUR	CALM	1-3			WIND SPEED (KNOTS)			48+	MEAN	PCT	TOTAL
		1-3	4-10	11-21	22-33	34-47					
0000	1.8	7.8	41.3	39.9	8.9	.2	.1	11.6	100.0		935
0600	2.9	8.1	41.2	38.9	8.4	.4	.1	11.4	100.0		1173
1200	2.4	4.9	43.8	40.1	9.0	.2	.0	11.8	100.0		975
1800	2.5	5.7	43.7	39.9	7.8	.4	.0	11.5	100.0		1166
TOT	99	283	1805	1685	361	14	2	11.6	100.0		4249
PCT	2.3	6.7	42.5	39.7	8.5	.3	2	11.6	100.0		

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2					3-4					5-7					8-9					10-11					12-13					14-15					16-17					18-19					20-21					22-23					24-25					TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	0-2	3-4	5-7	8-9	10-11	12-13	14-15	16-17	18-19	20-21	22-23	24-25	TOTAL	0-2	3-4	5-7	8-9	10-11	12-13	14-15	16-17	18-19	20-21	22-23	24-25	TOTAL	0-2	3-4	5-7	8-9	10-11	12-13	14-15	16-17	18-19	20-21	22-23	24-25	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1856-1971

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AREA 0004 SAIGON
9.5N 107.5E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MH > 400) AND VSBY (MM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	= OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
= OR > 5000	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
= OR > 3500	3.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0
= OR > 2000	9.2	10.8	10.8	10.8	10.8	10.8	10.8	10.8
= OR > 1000	13.9	16.2	16.3	16.3	16.3	16.3	16.3	16.3
= OR > 600	14.5	17.1	17.2	17.3	17.3	17.3	17.3	17.3
= OR > 300	14.5	17.1	17.2	17.3	17.3	17.3	17.3	17.3
= OR > 150	14.5	17.1	17.2	17.3	17.3	17.3	17.3	17.3
= OR > 0	14.6	17.2	17.4	17.4	17.4	17.4	17.4	17.4
TOTAL	368	434	438	439	439	439	439	439

TOTAL NUMBER OF OBS: 2519

PCT FREQ MH < 500: 82.6

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	80SCD	TOTAL OBS
14.2	12.8	29.8	16.7	9.1	7.2	6.4	1.9	1.8	.1	2611

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1866-1971

MARCH

AREA 0004 SAIGON 9.5N 107.5E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (FT)	N	MC	C	SE	S	SM	M	NW	VAR	CALM	PCT	TOTAL 00S
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
M6 PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2 <1												
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
M6 PCP	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT M	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	
1 <2												
PCP	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	
M6 PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT M	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	
2 <5												
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
M6 PCP	.0	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	
TOT M	.1	.3	.2	.0	.1	.0	.0	.0	.0	.0	.1	
5 <10												
PCP	.0	.1	.0	.0	.1	.1	.0	.1	.0	.0	.3	
M6 PCP	.0	.4	.6	1.4	.7	.2	.0	.1	.0	.1	14.6	
TOT M	.9	4.9	6.4	1.4	.8	.3	.0	.1	.0	.1	14.9	
10+												
PCP	.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.3	
M6 PCP	2.9	26.9	33.2	9.9	6.3	2.9	.9	.7	.0	1.5	84.0	
TOT M	2.9	26.1	33.2	9.9	6.3	2.9	.9	.7	.0	1.5	84.3	
TOT 00S												
TOT PCT	3.0	31.4	39.0	11.3	7.1	3.2	.9	.8	.0	1.6	100.0	3443

PERIOD: (PRIMARY) 1955-1971
(OVER-ALL) 1866-1971

MARCH

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0
TOT N	TOT N	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0
TOT N	TOT N	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0
TOT N	TOT N	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0
TOT N	TOT N	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0
TOT N	TOT N	0	0	0	0	0	0	0	0	0	0	0
0-3	0-3	0	0	0	0	0	0	0	0	0	0	0
4-10	4-10	0	0	0	0	0	0	0	0	0	0	0
11-21	11-21	0	0	0	0	0	0	0	0	0	0	0
22+	22+	0	0	0	0	0	0	0	0	0	0	0
TOT N	TOT N	0	0	0	0	0	0	0	0	0	0	0
TOT OBS	TOT OBS	4.3	32.0	38.5	11.4	7.2	3.1	.9	.8	0	1.9	100.0
TOT PCT	TOT PCT											3817

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1966-1971

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AREA 0004 3A108M
9.5N 107.5E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NM > 4/8) AND
OCCURRENCE OF "M" < 5/8 BY HOUR

HOUR (GMT)	000	150	300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400	TOTAL	NM < 5/8 ANY HGT	TOTAL
00403	-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	21.6	78.4
06409	-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	20.6	79.4
12415	-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	13.6	86.4
18421	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	12.4	87.6
TOT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	439	2156
PCT	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	16.9	83.1

TABLE 11

PERCENT FREQUENCY VSOY (NM) BY HOUR

HOUR (GMT)	1/2	1/2-1	1/2	2/5	3/10	10+	TOTAL
00403	.0	.2	.0	.5	12.9	86.5	598
06409	.0	.0	.2	.5	14.5	84.9	629
12415	.0	.0	.0	.3	13.3	86.4	640
18421	.0	.0	.0	1.1	14.7	84.2	653
TOT	0	1	1	15	349	2154	2520
PCT	.0	.0	.0	.6	13.8	85.5	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSOY (NM) AND/OR
CEILING HGT (FEET, NM > 4/8) BY HOUR

HOUR (GMT)	< 150	< 1500	< 1000	< 1000+	NM < 5/8 AND 5+	TOTAL
00403	.3	.5	1.7	21.1	77.3	583
06409	.2	.2	1.4	20.0	78.5	629
12415	.2	.2	1.6	12.5	85.9	640
18421	.2	.2	2.0	11.8	86.2	653
TOT	5	6	42	409	2069	2520
PCT	.2	.2	1.7	16.2	82.1	100.0

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PERIOD (PRIMARY) 1935-1971
(OVER-ALL) 1866-1971

AREA 0004 SAIGON
9.5N 107.5E

TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL SAS	PCT F2F0
95/99	0	0	0	0	0	0	0	0	3	1
90/94	0	0	0	0	0	0	0	0	32	1.3
85/89	0	0	0	0	0	0	0	0	172	6.9
80/84	0	0	0	0	0	0	0	0	1228	53.6
75/79	0	0	0	0	0	0	0	0	914	36.9
70/74	0	0	0	0	0	0	0	0	30	1.2
TOTAL	0	0	0	0	0	0	0	0	2479	100.0
PCT	0	0	0	0	0	0	0	0	22.1	

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
95/99	0	0	0	0	0	0	0	0	0	0
90/94	0	0	0	0	0	0	0	0	0	0
85/89	0	0	0	0	0	0	0	0	0	0
80/84	0	0	0	0	0	0	0	0	0	0
75/79	0	0	0	0	0	0	0	0	0	0
70/74	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0
PCT	0	0	0	0	0	0	0	0	0	0

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL
00403	93	86	84	80	75	73	70	80.0	885
06409	95	92	88	82	77	75	70	82.2	934
12415	89	87	84	80	76	73	70	80.2	1161
18421	89	84	83	79	75	72	70	79.2	978
TOT	95	90	86	80	76	73	70	80.4	4241

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00403	0	0	0	0	0	0	0	0	0	885
06409	0	0	0	0	0	0	0	0	0	934
12415	0	0	0	0	0	0	0	0	0	1161
18421	0	0	0	0	0	0	0	0	0	978
TOT	0	0	0	0	0	0	0	0	0	4241

PERIOD: (PRIMARY) 1935-1971
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AREA 0004 SAIGON 9.5M 107.5E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	72	75	77	81	85	89	93	96	107	W	W	W8
	72	76	80	84	88	92	96			F00	F00	F00	F00
14/16	.0	.0	.0	.0	.0	.1	.1	.1	.1	3	.0	.0	.1
11/13	.0	.0	.0	.1	.1	.2	.4	.1	.1	18	.0	.0	.6
9/10	.0	.0	.1	.1	.6	.4	.4	.1	.1	30	.0	.0	.9
7/8	.0	.0	.0	.1	.2	.4	.2	.1	.1	48	.0	.0	1.5
6	.0	.0	.1	.2	1.2	1.3	1.1	.0	.0	34	.0	.0	1.1
5	.0	.1	.2	1.2	1.3	1.1	.0	.0	.0	96	.0	.0	3.0
4	.0	.1	.7	2.6	1.1	.0	.0	.0	.0	147	.0	.0	4.6
3	.0	.1	.9	1.7	.8	.0	.0	.0	.0	110	.0	.0	3.4
2	.1	.4	3.5	5.5	.9	.0	.0	.0	.0	336	.1	.0	10.4
1	.0	.3	3.9	4.0	.5	.1	.0	.0	.0	281	.0	.0	8.7
0	.2	1.3	10.7	9.9	.5	.1	.0	.0	.0	727	.2	.0	22.4
-1	.0	.8	4.8	5.7	.1	.0	.0	.0	.0	371	.0	.0	11.5
-2	.2	1.3	7.9	5.6	.1	.0	.0	.0	.0	485	.1	.0	14.9
-3	.0	.3	3.6	2.0	.0	.0	.0	.0	.0	193	.0	.0	6.0
-4	.1	1.0	3.1	1.1	.0	.0	.0	.0	.0	171	.0	.0	5.2
-5	.0	.8	1.6	.8	.0	.0	.0	.0	.0	102	.0	.0	3.2
-6	.0	.4	.6	.2	.0	.0	.0	.0	.0	39	.0	.0	1.2
-7/-8	.1	.2	.3	.1	.0	.0	.0	.0	.0	21	.0	.0	.2
-9/-10	.1	.1	.1	.0	.0	.0	.0	.0	.0	7	.0	.0	.0
-11/-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0	.0	.0
TOTAL	.7	7.2	42.0	41.7	6.4	1.4	.2	.2	.2	320	.4	.4	99.6
PCT	.7	7.2	42.0	41.7	6.4	1.4	.2	.2	.2	100.0	.4	.4	99.6

AREA 0004 SAIGON
9.5N 107.5E

НАЗЫ

TABLE 18

PERIOD: (OVER-ALL) 1963-1971

1/61-C961 (37W-83A0) : 001874

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

[illegible][illegible]

PERIOD: (OVER-ALL) 1963-1971

MARCH
TABLE 18

AREA 0004 SAIGON
9.5M 107.5E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.1	1.2	.0	.0	.0	.0	1.3	.2	.3	.0	.0	.0	.0	.3
1-2	.1	3.6	1.0	.0	.0	.0	4.6	.0	1.6	.9	.0	.0	.0	2.5
2-4	.0	.6	.5	.0	.0	.0	1.1	.0	.3	.2	.0	.0	.0	.5
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	5.4	1.4	.0	.0	.0	7.0	.2	2.2	1.1	.0	.0	.0	3.4

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	.1	.1	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.5
1-2	.1	.5	.2	.0	.0	.0	.6	.0	.2	.1	.0	.0	.0	.3
2-4	.0	.0	.1	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.3
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.1	.6	.3	.0	.0	.0	1.1	.2	.4	.4	.0	.0	.0	1.0

PERIOD: (OVER-ALL) 1963-1971

MARCH

AREA 0004 SAIGON
9.5N 107.5E

TABLE 10 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+						
<1	4.3	10.1	.3	.0	.0	.0	.0	.0	.0	.0	14.6	
1-2	1.0	25.5	18.5	.0	.0	.0	.0	.0	.0	.0	45.1	
3-4	.1	4.1	17.3	3.1	.0	.0	.0	.0	.0	.0	24.6	
5-6	.0	.3	5.6	1.7	.1	.0	.0	.0	.0	.0	7.6	
7	.0	.0	2.0	2.0	.0	.0	.0	.0	.0	.0	4.0	
8-9	.0	.0	.6	1.9	.0	.0	.0	.0	.0	.0	2.5	
10-11	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.8	
12	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.2	
13-16	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.4	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	5.4	40.1	44.5	9.8	.2	.0	100.0					1750

PERIOD: (OVER-ALL) 1949-1971

TABLE 1P

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVL PERIOD (SECONDS)

PERIOD (SEC)	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
4-6	4.2	36.1	13.4	4.0	2.1	.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1349
6-7	.0	1.0	3.8	4.0	3.4	1.0	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	285
8-9	.0	.4	1.1	.6	.9	1.1	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100
10-11	.0	.0	.2	.4	.2	.2	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29
12-13	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
INDCT	7.7	3.3	1.4	.3	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	270
TOTAL	243	835	508	195	139	60	29	12	18	3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2042
PCT	11.9	40.9	24.9	9.5	6.8	2.9	1.4	.6	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0

PERIOD: (PRIMARY) 1935-197;
(OVER-ALL) 1857-197;

APRIL

AREA 0004 SAIGON
9.3M 107.3E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHR	RAIL SHR	DRZL SHR	PRECIPITATION TYPE				MAIL PCPM	PCT FREQ PCPM AT 06 TIME	TOTAL PCPM OBS	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPM	FRZG PCPM	SNOW PCPM	OTHER PCPM					FBG PCPM	SMOKE PCPM	DUST PCPM	HAZE PCPM	BLWG PCPM	
N	.5	.5	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	2.4
NE	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	19.3
E	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	30.2
SE	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	.0	16.5
S	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	11.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	5.8
W	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	1.2
NW	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
TOT OBS	11	11	4	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	3336
TOT PCT	.3	.3	.1	.0	.0	.0	.0	.0	.8	.8	.9	.1	.1	.7	.7	.7	97.5

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHR	RAIL SHR	DRZL SHR	PRECIPITATION TYPE				MAIL PCPM	PCT FREQ PCPM AT 06 TIME	TOTAL PCPM OBS	THOR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPM	FRZG PCPM	SNOW PCPM	OTHER PCPM					FBG PCPM	SMOKE PCPM	DUST PCPM	HAZE PCPM	BLWG PCPM	
00403	.5	.5	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	90.4
06409	.3	.3	.0	.0	.0	.0	.0	.0	.5	.5	.5	.0	.0	.0	.0	.0	98.3
12415	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2	1.5	.1	.1	.1	.1	.1	96.9
18421	.3	.3	.4	.0	.0	.0	.0	.0	1.3	.0	1.8	.1	.1	.1	.1	.1	96.7
TOT	11	11	4	0	0	0	0	0	.0	.0	.3	.3	.3	.3	.3	.3	3356
PCT	.3	.3	.1	.0	.0	.0	.0	.0	.8	.8	.9	.1	.1	.7	.7	.7	97.6

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1857-1971

APRIL

AREA 0004 SAIGON
9.3M 107.3E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)								48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)				
	0-3	4-10	11-21	22-33	34-47	#	00	03					06	09	12	15	18
N	.4	1.2	1.0	.4	.4	.0	3.0	11.7	3.3	5.2	4.0	4.6	1.9	1.2	2.2	2.1	
NE	1.0	8.8	9.5	1.5	.1	.0	21.0	12.1	23.1	23.4	23.7	23.2	19.2	15.7	17.7	20.7	
E	2.0	10.2	14.6	1.3	.4	.0	36.4	10.9	37.0	31.9	36.3	25.8	40.1	37.8	40.2	28.0	
SE	1.7	11.8	3.2	.1	.0	.0	16.7	7.9	15.7	15.0	14.4	18.9	18.4	19.1	16.3	19.3	
S	1.7	8.4	1.3	.0	.0	.0	11.4	6.8	9.1	9.1	10.0	16.5	11.4	12.4	12.6	12.4	
SW	.8	4.4	.9	.0	.0	.0	6.1	7.2	4.6	8.1	10.0	16.5	11.4	12.4	12.6	12.4	
W	.3	8	.2	.0	.0	.0	1.3	6.6	1.5	1.4	1.5	7.1	5.0	8.7	5.8	10.0	
NW	.2	6	.0	.0	.0	.0	1.0	8.2	2.2	.8	.8	.2	.4	1.1	1.2	1.4	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	3.3	228	1313	141	7	0	3.3	.0	3.5	3.8	3.6	3.3	2.2	3.4	2.9	5.1	
TOT OBS	478	11.3	31.1	3.3	.2	.0	4227	9.5	742	184	883	299	766	207	830	316	
TOT PCT	11.3	54.1	31.1	3.3	.2	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ		MEAN SPD		HOUR (GMT)						
	0-6	7-16	17-27	28-40	41+		REQ	SD	00	03	06	09	12	15	18	21	
N	.8	1.3	.7	.1	.0	3.0	11.7	3.6	4.2	1.8	2.1	2.1	2.1	2.1	2.1		
NE	3.7	12.7	4.1	.3	.0	21.0	12.1	37.0	23.4	23.7	23.2	19.2	15.7	17.7	20.7		
E	7.3	24.2	4.7	.2	.0	36.4	10.9	15.7	31.9	36.3	25.8	40.1	37.8	40.2	28.0		
SE	6.9	9.1	.6	.0	.0	16.7	7.9	19.1	15.0	14.4	18.9	18.4	19.1	16.3	19.3		
S	6.2	4.9	.2	.0	.0	11.4	6.8	4.6	8.1	10.0	16.5	11.4	12.4	12.6	12.4		
SW	3.2	2.8	.1	.0	.0	6.1	7.2	1.5	1.4	1.5	5.6	7.1	5.0	8.7	5.8		
W	.7	.5	.7	.0	.0	1.3	6.6	2.2	.8	.8	.2	.4	1.1	1.0	1.2		
NW	.4	.5	.1	.0	.0	1.0	8.2	1.5	1.4	1.5	.8	.2	.4	.7	1.1		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	3.3	2374	446	28	.0	4227	9.5	3.5	3.8	3.6	3.3	2.2	3.4	2.9	5.1		
TOT OBS	1379	56.2	10.6	.7	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
TOT PCT	32.6	56.2	10.6	.7	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1957-1971

APRIL

AREA 0004 SAIGON 9.3M 107.3E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	WIND SPEED (KNOTS)				40+	MEAN		TOTAL
		1-3	4-10	11-21	22-33	34-47	40+	MEAN	
00403	3.6	7.6	51.5	34.7	2.7	.0	.0	9.6	100.0
06409	3.6	9.4	52.4	30.6	3.8	.3	.0	9.5	100.0
12415	2.5	6.4	55.9	31.8	3.2	.3	.0	9.6	100.0
18421	3.5	8.4	56.5	28.0	3.5	.1	.0	9.3	100.0
TOT	139	339	2288	1313	141	7	.0	9.3	100.0
PCT	3.3	8.0	54.1	31.1	3.3	.2	.0	9.3	100.0

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)									
WMO DIR	BY WIND DIRECTION				TOTAL				
	0-2	3-4	5-7	8 &	00SCD	MEAN	CLOUD	COVER	00S
N	4	.7	.7	.4		4.5			
NE	6	6.4	5.0	.7		3.7			
E	14	13	13	1.0		3.6			
SE	7	1	4.1	.6		3.4			
S	4	3	1.9	.1		2.0			
SW	2	1	.8	.1		2.9			
W	3	2	.5	.1		4.1			
NW	3	2	.5	.1		4.7			
CALM	1.0	0	0	0		2.5			
TOT	967	815	719	81	2582	2.5			
TOT PCT	37.5	31.6	27.8	3.1	100.0				

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT-MH >4/8) AND OCCURRENCE OF MH <5/8 BY WIND DIRECTION																									
		000				150				300				500				6500				MH <5/8		TOTAL	
		000	149	299	599	000	149	299	599	000	149	299	599	000	149	299	599	000	149	ANY	HOT	005			
N		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4			
NE		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.3			
E		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	34.9			
SE		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.8			
S		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1			
SW		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4			
W		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NW		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CALM		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
TOT		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	258.2			
TOT PCT		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	100.0			

PERIOD: (PRIMARY) 1955-1971
(OVER-ALL) 1957-1971

APRIL

AREA 0004 SAIGON
9.3N 107.3E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MH > 40) AND VSBY (MM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	= OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	.3	.3	.3	.3	.3	.3	.3	.3
= OR > 5000	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
= OR > 3500	2.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
= OR > 2000	7.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0
= OR > 1000	13.1	15.2	15.3	15.3	15.3	15.3	15.3	15.3
= OR > 600	13.6	15.9	16.0	16.1	16.1	16.1	16.1	16.1
= OR > 300	13.8	16.1	16.2	16.2	16.2	16.2	16.2	16.2
= OR > 150	13.8	16.1	16.2	16.2	16.2	16.2	16.2	16.2
= OR > 0	13.8	16.1	16.2	16.2	16.2	16.2	16.2	16.2
TOTAL	359	419	423	424	424	425	425	425

TOTAL NUMBER OF OBS: 2596

PCT FREQ MH < 5/8: 83.6

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	9	TOTAL OBS
5.9	14.3	32.2	19.1	12.2	6.6	5.9	1.8	1.9	2.6	2662

PERIOD: (SUMMARY) 1935-1971
(ALL) 1957-1971

APRIL

AREA 0004 SAIGON
9.3N 107.3E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP												
<1/2												
NO PCP												
TOT %												
1/2<1												
PCP												
NO PCP												
TOT %												
1<2												
NO PCP												
TOT %												
2<5												
PCP												
NO PCP												
TOT %												
5<10												
PCP												
NO PCP												
TOT %												
10+												
PCP												
NO PCP												
TOT %												
TOT OBS												
TOT PCT												

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1957-1971

APRIL

AREA 0004 SAIGON
9.3M 107.3E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT X	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5<10	0-3	.1	.1	.1	.1	.1	.1	.1	.1	.0	.2	.7	
	4-10	.1	.1	.1	.1	.1	.1	.1	.1	.0	.2	.7	
	11-21	.1	.1	.1	.1	.1	.1	.1	.1	.0	.2	.7	
	22+	.2	.2	.2	.2	.2	.2	.2	.2	.0	.2	.9	
	TOT X	.5	.5	.5	.5	.5	.5	.5	.5	.0	.2	12.4	
10+	0-3	.2	.6	1.8	1.4	1.5	.8	.2	.1	.0	2.3	8.9	
	4-10	1.1	7.2	17.0	10.0	7.2	4.1	.7	.5	.0	47.8	27.5	
	11-21	.7	7.9	14.3	2.6	1.1	.5	.2	.2	.0	2.5	2.5	
	22+	.1	1.0	1.3	.1	.0	.0	.0	.0	.0	2.3	56.7	
	TOT X	2.1	16.8	34.4	14.1	9.8	5.4	1.1	.8	.0	56.7	371.0	
TOT OBS		3.7	20.0	38.0	16.8	11.4	6.3	1.2	1.0	.0	2.5	100.0	
TOT PCT													

PERIOD: (PRIMARY) 1955-1971
(OVER-ALL) 1957-1971

APRIL

AREA 0004 SAIGON
9.3M 107.3E

TABLE 10
PERCENT FREQUENCY OF CEILING HEIGHTS (FEET.MH >4/8) AND
OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	5000 7999	8000+	TOTAL	MH <5/8 ANY HGT	TOTAL 885
00403	.2	.0	.0	.5	7.4	8.5	2.0	.9	.0	.0	19.5	80.5	646
06409	.0	.0	.3	.9	5.9	6.8	1.7	1.2	.6	.2	17.6	82.4	660
12415	.0	.0	.2	1.1	5.3	6.1	.5	.6	.0	.3	14.0	86.0	641
18421	.3	.1	.1	.7	5.8	4.7	.8	.3	.1	.1	13.1	86.9	708
TOT	3	1	4	21	162	172	33	20	5	4	425	2230	2655
PCT	.1	.1	.2	.8	6.1	6.5	1.2	.8	.2	.2	16.0	84.0	100.0

TABLE 11

HOUR (GMT)	<1/2 1/241	1/2 142	2/45	5/10	10+	TOTAL 885
00403	.0	.0	.2	11.1	88.6	633
06409	0	0	.2	10.4	89.4	644
12415	.0	.0	.3	12.7	87.0	631
18421	1	0	.6	14.0	85.3	688
TOT	1	0	1	313	2273	2596
PCT	.0	.0	.3	12.1	87.6	100.0

TABLE 12

HOUR (GMT)	<150 <50YD	150 600	<1000 1000	1000+ AND 5+	TOTAL 885
00403	.2	.2	.8	19.3	79.9
06409	.0	.3	1.2	16.8	82.0
12415	.0	.2	1.6	12.8	85.6
18421	.3	.6	1.7	12.1	86.2
TOT	3	8	35	394	2167
PCT	.1	.3	1.3	15.2	83.5

APRIL

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1957-1971

AREA 0004 SAIGON
9.3M 107.3E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
95/99	.0	.0	.0	.0	.1	.2	.0	.0			7	.3
90/94	.0	.0	.0	.2	2.1	1.1	.4				95	3.8
85/89	.0	.0	.0	.0	3.4	12.2	5.7	.9			540	21.9
80/84	.0	.0	.0	.1	1.4	21.5	36.2	11.6			1747	70.8
75/79	.0	.0	.0	.0	.0	.0	1.4	1.3			79	3.2
70/74	.0	.0	.0	.0	.0	.0	.0	.0			1	.0
TOTAL	.0	.0	.0	.0	10	176	868	1074	341		2469	100.0
PCT	.0	.0	.0	.4	7.1	35.2	43.5	13.6				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											VAR	CALM
N	NE	E	SE	S	SW	W	NW					
.0	.1	.1	.0	.1	.0	.0	.0				.0	.0
.1	.6	1.5	.7	.6	.2	.0	.0				.0	.1
.3	3.3	9.1	4.3	2.8	1.1	.4	.1				.0	.4
1.1	14.0	31.4	11.8	7.1	3.3	.5	.5				.0	1.2
.3	1.0	.9	.4	.3	.1	.1	.1				.0	.1
.0	.0	.0	.0	.0	.0	.0	.0				.0	.0
1.8	19.0	43.0	17.2	10.9	4.7	1.0	.7				.0	1.8

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOURS										TOTAL OBS
MAX	99M	95M	50M	5M	1M	MIN	MEAN			
94	90	87	83	79	77	73	82.8			885
96	93	91	85	81	78	73	85.1			927
91	88	86	82	79	76	72	82.6			1178
91	86	84	82	79	77	72	81.7			972
96	91	88	83	79	77	72	83.1			1140
TOT										4217

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOURS										TOTAL OBS
0-29	30-39	60-69	70-79	80-89	90-100	MEAN				
.0	.0	3.2	35.4	48.1	13.2	82				885
.0	1.4	20.5	46.2	24.8	7.0	76				590
.0	.0	3.8	35.5	46.3	14.4	82				628
.0	.2	1.1	24.7	54.1	19.9	84				605
0	10	178	878	1079	341	81				2486
TOT										

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1857-1971

APRIL

AREA 0004 SAIGON
9.3M 107.3E

TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	73	77	81	85	89	93	TOT	M	W
	72	76	80	84	88	92	96		FOG	FOG
11/13	.0	.0	.0	.0	.0	.1	.2	12	.0	.4
9/10	.0	.0	.1	.0	.2	.5	.2	31	.0	1.0
7/8	.0	.0	.0	.4	.5	.7	.4	64	.0	2.0
6	.0	.0	.0	.4	.6	.5	.0	48	.0	1.5
5	.0	.0	.1	1.0	.8	.7	.0	85	.0	2.6
4	.0	.0	.2	2.0	2.0	.5	.0	149	.0	4.6
3	.0	.0	.3	1.5	1.6	.2	.0	117	.0	3.6
2	.0	.1	.4	6.1	2.4	.2	.0	255	.0	9.2
1	.0	.0	.1	4.9	2.2	.1	.0	236	.0	7.3
0	.0	.0	1.8	15.6	3.0	.2	.0	662	.0	20.5
-1	.0	.0	1.0	7.3	2.7	.0	.0	353	.0	11.0
-2	.1	.1	2.5	11.2	1.8	.0	.0	504	.0	15.6
-3	.0	.0	1.3	7.0	.7	.0	.0	289	.0	9.0
-4	.0	.1	1.3	4.5	.2	.0	.0	197	.0	6.1
-5	.0	.0	.7	2.2	.2	.0	.0	98	.0	3.0
-6	.0	.0	.0	.8	.0	.0	.0	48	.0	1.5
-7/-8	.0	.1	.2	.4	.0	.0	.0	23	.0	.7
-9/-10	.0	.1	.1	.0	.0	.0	.0	9	.0	.3
TOTAL	.1	.5	10.5	65.4	18.8	3.7	.9	3221	.1	99.9
PCT								100.0		

PERIOD: (OVER-ALL) 1963-1971

APRIL

TABLE 18

AREA 0004 SAIGON 9.3M 107.5C

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

WGT	M										NE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
41	.1	.1	.0	.0	.0	.0	.2	.4	1.6	3.8	.0	.0	.0	2.0	.4	1.6	3.8	.0	.0	.0	2.0
1-2	.0	.1	.0	.0	.0	.0	.2	.2	4.2	3.8	.0	.0	.0	6.2	.0	4.2	3.8	.0	.0	.0	6.2
3-4	.0	.2	.0	.0	.0	.0	.4	.1	1.8	3.8	.4	.0	.0	6.1	.0	1.8	3.8	.4	.0	.0	6.1
5-6	.0	.0	.0	.1	.0	.0	.2	.0	.2	1.3	.5	.0	.0	2.0	.0	.2	1.3	.5	.0	.0	2.0
7	.0	.0	.0	.1	.0	.0	.2	.0	.0	.6	.3	.0	.0	.8	.0	.0	.6	.3	.0	.0	.8
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.3	.0	.0	.2	.1	.0	.0	.3
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.3
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.6	.6	.4	.2	.1	.0	1.3	.7	7.8	9.7	1.3	.1	.0	19.6	.7	7.8	9.7	1.3	.1	.0	19.6

WGT	C										SE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
41	.2	5.8	.2	.0	.0	.0	7.2	.3	3.8	3.1	.0	.0	.0	4.2	.3	3.8	3.1	.0	.0	.0	4.2
1-2	.6	12.0	11.3	.0	.0	.0	23.9	.3	6.3	3.0	.0	.0	.0	9.6	.3	6.3	3.0	.0	.0	.0	9.6
3-4	.0	2.6	8.4	.6	.0	.0	11.7	.0	.6	1.0	.1	.0	.0	1.7	.0	.6	1.0	.1	.0	.0	1.7
5-6	.0	.4	1.6	.6	.0	.0	2.7	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1
7	.0	.2	.6	.2	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.8	21.0	22.2	1.5	.0	.0	46.6	.7	10.8	4.1	.1	.0	.0	15.7	.7	10.8	4.1	.1	.0	.0	15.7

APRIL
TABLE 10
AREA 0004 SAIGON
9.3M 107.3E

PERIOD: (OVER-ALL) 1963-1971
PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

WGT	S										SM										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.5	3.0	.1	.0	.0	.0	3.5	.5	1.1	.0	.0	.0	.0	1.6	.5	1.1	.0	.0	.0	.0	1.6
1-2	.3	4.7	1.3	.0	.0	.0	6.3	.1	1.9	.3	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	2.3
3-4	.0	.1	.4	.0	.0	.0	.5	.0	.0	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.8	7.8	1.7	.0	.0	.0	10.3	.6	3.0	.4	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0

WGT	M										NM										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.1	.3	.1	.0	.0	.0	.4	.1	.1	.0	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.2
1-2	.1	.1	.1	.0	.0	.0	.4	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1
3-4	.0	.1	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	.5	.1	.0	.0	.0	.8	.1	.4	.1	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.5

PERIOD: (OVER-ALL) 1963-1971

APRIL

AREA 0004 SAIGON
9.3N 107.3E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	5.3	15.6	.3	.0	.0	.0	21.2	1696
1-2	1.7	29.3	19.5	.0	.0	.0	50.5	
3-4	.1	5.4	13.9	1.1	.0	.0	20.6	
5-6	.0	.6	3.0	1.2	.0	.0	4.9	
7	.0	.2	1.2	.5	.1	.0	2.1	
8-9	.0	.0	.3	.1	.0	.0	.4	
10-11	.0	.0	.1	.0	.0	.0	.1	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.1	.0	.0	.0	.1	
17-19	.0	.1	.0	.1	.0	.0	.1	
20-22	.0	.0	.0	.1	.0	.0	.1	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	7.1	51.2	38.4	3.1	.2	.0	100.0	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																	TOTAL	MEAN HGT		
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70			71-86	87+
<6	8.2	38.1	18.0	3.7	1.2	.1	.3	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1375	2
6-7	.3	4.3	3.0	2.3	1.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	236	4
8-9	.0	.4	2.0	.5	.5	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	73	4
10-11	.0	.5	.3	.3	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	4
12-13	.1	.0	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	3
13-15	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	8
INDCT	8.9	2.1	1.6	.5	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	261	1
TOTAL	344	896	497	143	62	14	13	.0	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	1976	2
PCT	17.4	45.3	25.2	7.2	3.1	.7	.7	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1950-1971

MAY

AREA 0004 SAIGON 9.3N 107.3E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHR	RAIN SHR	DRZL PCPN	PRECIPITATION TYPE			MAIL PCPN	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL 00S
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE PCPN	HAZE PCPN	BLWG PCPN	
N	.1	.1	.1	.0	.0	.0	.0	.1		.2	.0	.0	.0	.0	1.7
NE	.2	.1	.1	.0	.0	.0	.0	.2		.1	.0	.0	.0	.0	7.8
E	.1	.1	.0	.0	.0	.0	.0	.4		.2	.0	.0	.0	.0	15.3
SE	.4	.2	.0	.0	.0	.0	.0	.6		.8	.0	.0	.0	.0	11.8
S	.7	.5	.1	.0	.0	.0	.0	1.3		1.1	.0	.0	.0	.0	14.0
SW	.6	.3	.1	.0	.0	.0	.0	.9		.4	.0	.0	.0	.0	25.2
W	.2	.2	.1	.0	.0	.0	.0	.5		.3	.0	.0	.0	.0	10.4
NW	.0	.0	.0	.0	.0	.0	.0	.0		.1	.0	.0	.0	.0	2.2
VAR	.1	.0	.0	.0	.0	.0	.0	.0		.1	.0	.0	.0	.0	4.1
CALM	.86	.59	.19	.0	.0	.0	.0	.2	163	112	.3	.4	.0	.0	3343
TOT 00S	2.4	1.6	.5	.0	.0	.0	.0	4.5		3.1	.1	.1	.0	.0	92.4

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHR	RAIN SHR	DRZL PCPN	PRECIPITATION TYPE			MAIL PCPN	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL 00S
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE PCPN	HAZE PCPN	BLWG PCPN	
0000	2.6	2.2	.7	.0	.0	.0	.0	5.5		.3	.1	.0	.0	.0	94.3
0600	2.3	1.8	.5	.0	.0	.0	.0	4.6		.3	.1	.0	.0	.0	94.9
1200	2.0	1.3	.3	.0	.0	.0	.0	3.6		4.7	.0	.3	.0	.0	91.8
1800	2.6	1.2	.8	.0	.0	.0	.0	4.6	166	7.1	.1	.1	.0	.0	88.4
TOT	87	59	21	.0	.0	.0	.0			115	.3	.4	.0	.0	3361
PCT	2.4	1.6	.6	.0	.0	.0	.0	4.6		3.2	.1	.1	.0	.0	92.3

PERIOD: (PRIMARY) 1935-1971 (OVER-ALL) 1856-1971									
MAY									
TABLE 3									
AREA 0004 SAIGON 9.5N 107.3E									
PERCENTAGE FREQUENCY BY WIND DIRECTION BY SPEED AND BY HOUR									
WIND SPEED (KNOTS)									
WIND DIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD
N	1.2	1.2	.2	.0	.0	.0	2.9	3.5	2.3
NE	1.7	5.5	1.6	.0	.0	.0	9.5	11.3	9.5
E	1.7	10.2	3.2	.1	.0	.0	13.1	15.5	15.7
SE	1.7	18.5	1.3	.0	.0	.0	12.7	7.5	12.2
S	2.0	10.5	2.3	.0	.0	.0	13.1	12.6	14.4
SW	2.2	14.8	10.2	1.0	.0	.0	25.1	28.5	25.1
W	.7	5.3	4.8	.5	.0	.0	12.2	15.7	11.5
NW	.5	1.6	.7	.1	.0	.0	4.2	2.7	3.0
VAR	.2	.0	.0	.0	.0	.0	.1	.0	.1
CALM	5.0	25.0	10.0	.0	.0	.0	7.0	1.7	6.2
TOT OBS	677	2540	1090	81	3	0	740	230	894
TOT PCT	15.4	57.8	24.8	1.8	.1	.0	100.0	100.0	100.0
HOUR (GMT)									
	09	12	15	18	21				
	7	1.3	1.0	1.8	1.3				
	9.7	6.3	8.5	7.2	6.1				
	16.5	14.3	19.6	15.6	14.8				
	9.3	15.0	18.9	10.9	16.9				
	16.2	12.8	18.1	18.9	13.4				
	34.6	28.6	33.5	26.8	34.4				
	8.6	10.0	9.6	10.5	15.5				
	.9	1.7	2.0	3.7	3.0				
	.0	.2	.0	.5	.0				
	3.4	3.7	.8	6.2	4.1				
	350	815	236	788	338				
	100.0	100.0	100.0	100.0	100.0				

TABLE 3A									
WIND SPEED (KNOTS)									
WIND DIR	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)
									00 03 06 09 12 15 18 21
N	1.3	.7	.0	.0	.0	1.9	6.0	3.0	1.8
NE	3.9	4.1	.3	.0	.0	8.3	7.6	9.9	9.5
E	6.4	8.3	.5	.0	.0	15.2	8.0	13.7	15.5
SE	6.1	5.2	.1	.0	.0	11.5	6.8	11.5	13.6
S	6.3	7.9	.6	.0	.0	15.5	7.7	13.0	14.9
SW	7.9	17.0	3.2	.2	.0	28.2	10.2	26.1	27.8
W	2.6	6.7	1.9	.1	.0	11.4	11.1	13.0	10.7
NW	1.2	1.4	.2	.1	.0	2.9	8.7	3.8	2.5
VAR	.2	.0	.0	.0	.0	.2	3.7	.1	.1
CALM	5.0	22.0	30.1	19	.0	5.0	.0	5.8	5.4
TOT OBS	1821	51.2	6.9	.4	.0	4391	8.3	973	1244
TOT PCT	41.5	51.2	6.9	.4	.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1835-1971
(OVER-ALL) 1856-1971

MAY

AREA 0004 SAIGON 9.3N 107.3E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GNT)									
HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)			40+	MEAN	PCT FREQ
				11-21	22-33	34-47			
00403	5.0	9.0	50.7	23.1	2.4	-2	.0	8.3	100.0
03409	5.4	11.0	55.1	27.1	1.3	-1	.0	8.4	100.0
12415	3.1	9.4	50.6	26.9	2.0	-0	.0	8.7	100.0
18421	5.6	11.3	59.2	22.0	1.9	-0	.0	8.0	100.0
TOT	218	458	2633	1090	81	3	.0	8.3	100.0
PCT	5.0	10.5	57.9	24.9	1.9	.1	.0	8.3	100.0

TOTAL
885

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2					3-4	5-7					8 & 00SCD	TOTAL 005
	MC	SC	SW	NW	VAR		MC	SC	SW	NW	VAR		
MC	1.2	2.9	4.0	2.1	1.0	4	5.1	4.0	4.6	5.9	5.1	5.1	5.1
SC	2.9	4.0	2.7	2.6	1.1	4	4.0	4.6	4.6	5.9	4.0	4.0	4.0
SW	4.0	2.7	2.1	1.0	1.0	4	4.6	5.9	5.1	4.0	4.0	4.0	4.0
NW	2.1	1.0	1.0	1.0	1.0	4	5.9	4.0	4.6	5.1	4.0	4.0	4.0
VAR	1.0	1.0	1.0	1.0	1.0	4	4.0	4.6	5.1	4.0	4.0	4.0	4.0
CALM	422	631	1200	419	2672	100.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
TOT PCT	15.8	23.6	44.9	15.7	100.0								

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT-MN >4/8)
AND OCCURRENCE OF MN <5/8 BY WIND DIRECTION

WIND DIR	000					150					300					600					1000					2000					3500					5000					6500					8000+					ANY MG					TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	000	149	299	449	599	749	899	1049	1199	1349	1499	1649	1799	1949	2099	2249	2399	2549	2699	2849	2999	3149	3299	3449	3599	3749	3899	4049	4199	4349	4499	4649	4799	4949	5099	5199	5299	5399	5499	5599	5699	5799	5899	5999	6099	6199	6299	6399	6499	6599	6699	6799	6899	6999	7099	7199	7299	7399	7499	7599	7699	7799	7899	7999	8099	8199	8299	8399	8499	8599	8699	8799	8899	8999	9099	9199	9299	9399	9499	9599	9699	9799	9899	9999																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

PERIOD: (PRIMARY) 1955-1971
(OVER-ALL) 1956-1971

MAY

AREA 0004 SAIGON 9.3N 107.2E

TABLE 7
CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH, 1/8) AND VSBY (NM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	VSBY (NM) = OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	1.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5
= OR >5000	1.6	2.2	2.2	2.2	2.2	2.2	2.2	2.2
= OR >3500	2.6	3.3	3.3	3.3	3.3	3.3	3.3	3.3
= OR >2000	14.0	17.1	17.3	17.3	17.3	17.3	17.3	17.3
= OR >1000	23.0	28.0	29.3	29.3	29.3	29.3	29.3	29.3
= OR >600	24.9	31.3	32.0	32.1	32.1	32.1	32.1	32.1
= OR >300	25.3	32.0	32.6	32.6	32.9	32.9	32.9	32.9
= OR >150	25.4	32.1	32.9	33.0	33.1	33.1	33.1	33.1
= OR >0	25.4	32.2	33.0	33.1	33.2	33.2	33.2	33.2
TOTAL	601	662	665	666	690	691	693	694

TOTAL NUMBER OF OBS: 2680 PCI FREQ NH <5/8: 66.6

TABLE 7A
PERCENTAGE FREQ OF LPM CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	00SCD	TOTAL OBS
0	9.6	25.7	17.1	12.9	8.6	12.0	4.6	7.2	.1	2768	

PCRI00: (PRIMARY) 1935-1971
(OVER-ALL) 1856-1971

MAY

AREA 0004 SAIGON
9.3M 107.3E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VS0Y (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	#	#	#	#	#	#	#	#	#	#	#	#
<1/2	0	0	0	0	0	0	0	0	0	0	0	1
NO PCP	0	0	0	0	0	0	0	0	0	0	0	1
TOT %	0	0	0	0	0	0	0	0	0	0	0	2
PCP	0	0	0	0	0	0	0	0	0	0	0	1
1/2<1	0	0	0	0	0	0	0	0	0	0	0	1
NO PCP	0	0	0	0	0	0	0	0	0	0	0	1
TOT %	0	0	0	0	0	0	0	0	0	0	0	2
PCP	0	0	0	0	0	0	0	0	0	0	0	1
1<2	0	0	0	0	0	0	0	0	0	0	0	1
NO PCP	0	0	0	0	0	0	0	0	0	0	0	1
TOT %	0	0	0	0	0	0	0	0	0	0	0	2
PCP	0	0	0	0	0	0	0	0	0	0	0	1
2<5	0	0	0	0	0	0	0	0	0	0	0	1
NO PCP	0	0	0	0	0	0	0	0	0	0	0	1
TOT %	0	0	0	0	0	0	0	0	0	0	0	2
PCP	0	0	0	0	0	0	0	0	0	0	0	1
5<10	0	0	0	0	0	0	0	0	0	0	0	1
NO PCP	0	0	0	0	0	0	0	0	0	0	0	1
TOT %	0	0	0	0	0	0	0	0	0	0	0	2
PCP	0	0	0	0	0	0	0	0	0	0	0	1
10+	0	0	0	0	0	0	0	0	0	0	0	1
NO PCP	0	0	0	0	0	0	0	0	0	0	0	1
TOT %	0	0	0	0	0	0	0	0	0	0	0	2
TOT OBS	1.9	0.2	15.0	12.1	15.3	27.6	11.6	2.9	.2	4.3	100.0	3617
TOT PCT	1.9	0.2	15.0	12.1	15.3	27.6	11.6	2.9	.2	4.3	100.0	3617

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1956-1971

MAY

AREA 0004 SAIGON
9.3N 107.3E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (MI)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.1	.1	.0	.0	.1	.2	.2	.2	.0	.0	.3	
	11-21	.0	.0	.0	.0	.2	.2	.2	.0	.0	.0	.1	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT N	.1	.1	.0	.0	.1	.1	.1	.2	.0	.0	.5	
1/2 <1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1 <2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2 <5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.1	.1	.2	.1	.1	.2	.1	.1	.0	.0	.1	
	11-21	.0	.0	.0	.0	.1	.2	.4	.1	.0	.0	.7	
	22+	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	
	TOT N	.1	.1	.2	.1	.2	.5	.5	.1	.0	.0	1.0	
5 <10	0-3	.1	.1	.1	.2	.3	.6	.2	.2	.0	.5	1.0	
	4-10	.1	.6	1.5	1.0	1.3	2.4	1.1	.3	.0	.0	8.4	
	11-21	.2	.3	.5	.1	.5	2.3	1.2	.2	.0	.0	4.9	
	22+	.0	.2	.2	.0	.1	.3	.2	.1	.0	.0	.6	
	TOT N	.1	1.0	2.1	1.3	2.1	5.6	2.5	.6	.0	.5	15.7	
10+	0-3	.5	.9	1.3	1.4	1.4	1.5	.6	.4	.2	4.0	12.1	
	4-10	1.0	4.8	9.0	7.7	9.0	11.7	3.9	1.1	.2	.0	48.4	
	11-21	.2	1.3	2.8	1.2	2.3	7.8	3.6	.5	.0	.0	19.7	
	22+	.0	.2	.1	.2	.2	.8	.4	.2	.0	.0	1.3	
	TOT N	1.7	7.0	13.2	10.3	12.8	21.8	8.5	2.1	.2	4.0	81.6	
TOT OBS		2.0	8.3	15.5	11.7	15.3	28.0	11.7	2.9	.2	4.4	100.0	3891
TOT PCT													

MAY

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1956-1971AREA 0004 SAIGON
9.3M 107.3E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, MM >4/8) AND
OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL
00003	.1	.3	.6	2.0	13.1	13.1	1.5	1.0	1.0	.4	34.1	65.9	670
06009	.3	.1	1.3	3.4	11.0	15.7	.7	.3	1.1	.3	34.2	65.0	702
12015	.1	.1	1.1	2.6	11.3	13.0	.9	.9	1.0	.4	31.4	60.6	701
18021	.2	.2	.2	2.1	12.1	13.1	1.2	.6	.6	.9	31.1	60.9	662
TOT	5	5	22	75	325	377	29	19	26	14	897	1846	2743
PCT	2	.2	.8	2.7	11.0	13.7	1.1	.7	.9	.5	32.7	67.3	100.0

TABLE 11

PERCENT FREQUENCY VS0Y (MM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL
00003	3	2	.0	1.2	12.5	85.9	650
06009	.3	0	.0	1.3	13.2	85.2	607
12015	.0	.1	.1	.9	17.9	81.0	609
18021	0	.0	.3	.9	20.6	78.2	647
TOT	4	2	3	29	429	2214	2681
PCT	1	1	.1	1.1	16.0	82.6	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VS0Y (MM) AND/OR
CEILING HGT (FEET, MM >4/8) BY HOUR

HOUR (GMT)	<150 (50YD)	<600 41	<1000 15	1000+ AND 5+	NH <5/8 AND 5+	TOTAL 805
00003	.2	1.4	4.7	30.4	64.9	650
06009	.4	1.9	5.0	29.1	65.1	607
12015	.1	1.5	4.9	27.1	67.9	609
18021	.3	.6	3.6	28.7	67.7	647
TOT	7	36	120	773	1700	2681
PCT	.3	1.3	4.0	28.8	66.4	100.0

PERIOD. (PRIMARY) 1955-1971
(OVER-ALL) 1856-1971

MAY

AREA 0004 SAIGON
9.3M 107.3C

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
95/99	.0	.0	.0	.1	.5	.1	.1	.0			20	.8
90/94	.0	.0	.0	.1	2.6	1.7	.5	.3			136	5.2
85/89	.0	.0	.0	.0	2.8	19.2	12.3	2.1			954	36.5
80/84	.0	.0	.0	.0	.7	13.3	34.9	5.8			1430	54.7
75/79	.0	.0	.0	.0	.0	.0	.7	2.1			71	2.7
70/74	.0	.0	.0	.0	.0	.0	.0	.0			1	.0
TOTAL	0	0	1	7	173	996	1265	270			2612	100.0
PCT	0	0	.0	.3	6.6	34.3	48.4	10.3				

TABLE 14

H	PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										VAR	CALM
	NE	E	SE	S	SW	W	NW	W	VAR	VAR		
.0	.1	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.1
.1	.4	.0	.8	.8	1.3	.4	.1	.0	.0	.0	.0	.3
.6	2.5	5.5	5.0	7.0	9.4	3.8	.9	.1	.0	.0	.1	1.6
1.1	4.5	8.4	6.7	7.0	15.1	7.1	2.0	.2	.0	.0	.2	2.8
.4	.2	.1	.0	.3	.8	.7	.4	.0	.0	.0	.0	.0
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1.9	7.8	14.9	12.6	15.3	26.8	12.1	3.4	.3	.0	.0	.3	4.9

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS		
0003	98	91	88	84	80	77	75	84.0	972		885
0609	99	95	92	85	81	79	74	85.7	1236		639
1215	95	90	87	84	80	78	73	83.8	1056		654
1821	93	87	86	83	80	76	73	83.1	1128		676
TOT	99	93	89	84	80	77	73	84.2	4392		662

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											
HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS			
0003	.0	.2	3.0	32.6	53.1	11.3	82	885			
0609	.0	1.1	17.9	45.9	29.5	5.7	77	639			
1215	.0	.0	4.4	36.5	49.1	9.9	81	676			
1821	.0	.0	1.2	23.3	61.2	14.4	83	662			
TOT	0	8	174	909	1269	271	81	2631			

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1856-1971

MAY

AREA 0004 SAIGON
9.3M 107.3E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	93	TOT	M FOG	M8 FOG
14/16	0	0	0	0	0	0	2	0	1
11/13	0	0	0	0	0	0	24	0	5
9/10	0	0	0	0	0	0	20	0	6
7/8	0	0	0	0	0	0	49	0	14
6	0	0	0	0	0	0	33	0	10
5	0	0	0	0	0	0	93	0	24
4	0	0	0	0	0	0	140	0	40
3	0	0	0	0	0	0	39	0	28
2	0	0	0	0	0	0	300	0	87
1	0	0	0	0	0	0	188	0	54
0	0	0	0	0	0	0	608	0	176
-1	0	0	0	0	0	0	315	0	91
-2	0	0	0	0	0	0	512	0	148
-3	0	0	0	0	0	0	263	0	76
-4	0	0	0	0	0	0	314	0	91
-5	0	0	0	0	0	0	194	0	56
-6	0	0	0	0	0	0	105	0	30
-7/-8	0	0	0	0	0	0	141	0	41
-9/-10	0	0	0	0	0	0	39	0	11
-11/-13	0	0	0	0	0	0	23	0	7
-14/-15	0	0	0	0	0	0	6	0	2
TOTAL	0	0	0	0	0	0	3458	0	99.7
PCT	0.5	4.7	55.4	32.1	5.4	1.6	100.0	0.1	99.7

PERIOD: (OVER-ALL) 1963-1971 MAY AREA 0004 SAIGON 9.3M 107.3E

TABLE 18 PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
11	.3	.5	.0	.0	.0	.0	.7	.9	2.5	.0	.0	.0	.0	3.4
1-2	.2	.5	.2	.0	.0	.0	.9	.2	2.9	.7	.0	.0	.0	3.6
3-4	.0	.0	.1	.0	.0	.0	.1	.1	.5	.6	.0	.0	.0	1.2
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.4	1.0	.3	.0	.0	.0	1.8	1.2	5.7	1.4	.0	.0	.0	8.4

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
11	.3	3.4	.1	.0	.0	.0	4.8	1.0	4.6	.0	.0	.0	.0	5.6
1-2	.2	5.3	2.7	.0	.0	.0	8.3	.4	4.4	.9	.0	.0	.0	5.8
3-4	.0	.7	.7	.0	.0	.0	1.4	.0	.7	.0	.0	.0	.0	.7
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.6	9.4	3.5	.0	.0	.0	14.5	1.5	9.7	.9	.0	.0	.0	12.1

MAY
TABLE 10

PERIOD: (OVER-ALL) 1963-1971

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	1.0	4.9	1.1	.0	.0	.0	6.0	.5	2.9	.1	.0	.0	.0	3.7
4-10	1.4	5.7	1.5	.0	.0	.0	7.7	.5	8.6	6.1	.0	.0	.0	15.2
11-21	.0	1.2	1.0	.0	.0	.0	2.2	.0	1.6	3.6	.5	.0	.0	5.7
22-33	.0	.1	.3	.0	.0	.0	.3	.0	.1	1.1	.2	.0	.0	1.4
34-47	.0	.0	.1	.0	.0	.0	.1	.0	.0	.5	.5	.0	.0	1.0
48+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.4	11.8	3.0	.0	.0	.0	16.2	1.2	13.2	11.6	1.3	.0	.0	27.3

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1	1.3	1.4	2.3	.0	.0	.0	1.7	.4	.8	.0	.0	.0	.0	1.2
1-2	.4	2.6	2.4	.0	.0	.0	5.3	.1	.9	.5	.0	.0	.0	1.5
3-4	.0	.9	1.1	.0	.0	.0	3.5	.0	.1	.2	.0	.0	.0	.4
5-6	.0	.1	.3	.0	.0	.0	1.3	.0	.1	.0	.1	.0	.0	.1
7	.0	.0	.3	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.7	5.0	6.1	.7	.0	.0	12.5	.5	1.9	.8	.1	.0	.0	3.3

PERIOD: (OVER-ALL) 1963-1971

MAY

AREA 0004 SAIGON
9.3M 107.3E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	11.1	21.0	.3	.0	.0	.0	32.3	
1-2	2.6	30.3	14.7	.0	.0	.0	47.6	
3-4	.1	5.6	8.5	.8	.0	.0	15.0	
5-6	.0	.3	2.6	.4	.0	.0	3.3	
7	.0	.0	.8	.8	.0	.0	1.5	
8-9	.0	.0	.1	.2	.0	.0	.3	
10-11	.0	.0	.1	.0	.0	.0	.1	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	13.8	57.1	27.1	2.1	.0	.0	100.0	
							1852	

PERIOD (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																TOTAL	MEAN HGT
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48			
16	10.6	42.4	15.4	1.9	1.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1514	2	
6-7	.1	2.4	2.2	1.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	153	4	
8-9	.0	.3	.5	.4	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	44	5	
10-11	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	3	
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	3	
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	5	
IMDET	14.6	2.4	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	389	2	
TOTAL	541	1009	412	100	41	16	2	1	0	0	0	0	0	0	0	2122		
PCT	25.5	47.5	19.4	4.7	1.9	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0		

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1957-1971

JUNE

AREA 0004 SAIGON
8.4M 107.4C

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHR	RAIN SHR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS		
				ORZL PCPN	FRZG PCPN	SNOW PCPN					FOG PCPN	SMOKE PCPN	HAZE	BLWG	DUST		SIG	WEA
N	.0	.0	.1	.0	.0	.0	.0	.1				.0	.0	.0	.0	1.1		
NE	.0	.1	.0	.0	.0	.0	.0	.1				.0	.0	.0	.0	1.0		
E	.0	.0	.0	.0	.0	.0	.0	.1				.0	.0	.0	.0	1.7		
SE	.0	.1	.0	.0	.0	.0	.0	.1				.0	.0	.0	.0	3.2		
S	.1	.3	.0	.0	.0	.0	.0	.4				.0	.0	.0	.0	10.1		
SW	1.1	.5	.3	.0	.0	.0	.0	1.9				.0	.0	.0	.0	41.2		
W	1.5	.9	.3	.0	.0	.0	.0	2.7				.0	.0	.0	.0	26.4		
NW	.3	.2	.1	.0	.0	.0	.0	.6				.0	.0	.0	.0	4.1		
VAR	.0	.0	.0	.0	.0	.0	.0	.0				.0	.0	.0	.0	.0		
CALM	.2	.0	.0	.0	.0	.0	.0	.2				.0	.0	.0	.0	.0	2.2	
TOT OBS	117	75	30	.0	.0	.0	.0	.0	210	104	1	8	1	3257	2.2	3579		
TOT PCT	3.3	2.1	.8	.0	.0	.0	.0	6.1		2.9		.2				91.0		

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW PCPN					HAZE	BLWG	DUST	SIG	WEA	
0000	2.6	1.4	.6	.0	.0	.0	.0	4.6		.5	.1	.1	.0	.0	.0	95.0
0600	3.2	2.0	1.0	.0	.0	.0	.0	5.9		.2	.0	.2	.0	.0	.0	93.0
1200	3.5	3.1	1.1	.0	.0	.0	.0	7.7		5.6	.0	.1	.1	.1	.1	86.5
1800	3.8	1.9	.8	.0	.0	.0	.0	6.3	221	5.1	.0	.4	.0	.0	.0	88.6
TOT	118	76	31	.0	.0	.0	.0	.0		105	1	8	1	3267	2.2	3593
PCT	3.3	2.1	.9	.0	.0	.0	.0	6.2		2.9		.2				90.9

JUNE

PERIOD (PRIMARY) 1955-1971
(OVER-ALL) 1857-1971

AREA 0004 SAIGON
9.4N 107.4E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)				48+	TOTAL OBS	PCT FREQ	MEAN SPD	00				HOUR (GMT)				18	21
	0-3	4-10	11-21	22-33					34-47	00	03	06	09	12	15			
M	3	7	.3	#	.0	.0	1.3	7.0	2.4	.5	1.1	1.2	.7	1.2	1.7	1.0	1.0	
MC	2	9	.2	#	.0	.0	1.3	7.4	1.5	.7	1.6	1.2	1.3	1.4	1.0	1.0	1.0	
E	4	11	.2	.0	.0	.0	1.8	6.5	2.0	1.2	1.8	1.9	2.2	.5	1.3	2.5	2.5	
SE	4	25	.4	.0	.0	.0	3.3	6.8	2.5	5.3	3.4	3.4	3.9	5.0	2.9	2.9	2.2	
S	11	76	2.2	.0	.0	.0	11.1	8.5	10.0	8.1	10.9	13.9	12.8	11.1	10.6	10.6	10.6	
SW	11	205	21.3	2.1	.0	.0	45.1	11.7	36.7	48.3	44.9	50.2	48.3	49.3	44.1	48.8	48.8	
W	5	117	14.1	2.1	.0	.0	28.6	12.4	35.1	31.2	30.0	24.1	24.8	27.3	28.3	27.2	27.2	
NW	3	2.3	1.8	.3	.0	.0	4.6	10.6	6.9	3.1	3.7	2.3	4.3	3.0	6.3	3.5	3.5	
VAR	0	#	.0	.0	.0	.0	#	4.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	
CALM	26	2028	1731	199	8	0	2.6	10.8	2.9	1.0	2.5	1.8	1.7	1.4	3.8	3.8	3.8	
TOT OBS	311	47.4	40.5	4.7	.2	0	100.0	100.0	718	207	876	341	804	217	800	315	315	
TOT PCT	73					0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A

WIND DIR	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)				18
									00	03	06	09	
M	.7	.4	.1	#	.0		1.3	7.0	1.9	1.2	.0	1.5	1.5
MC	.7	.5	.1	.0	.0		1.3	7.4	1.3	1.5	1.3	1.3	.8
C	1.0	.7	#	.0	.0		1.8	6.5	1.8	1.8	1.8	1.7	1.7
SC	1.9	1.3	.1	.0	.0		3.3	6.8	3.2	3.4	4.1	2.7	2.7
S	4.2	6.2	.7	#	.0		11.1	8.5	9.6	11.7	12.4	10.6	10.6
SW	7.7	29.3	7.7	.4	.0		45.1	11.7	39.4	46.4	48.5	45.4	45.4
W	4.4	17.6	6.5	.4	.0		28.6	12.4	34.2	28.3	25.3	28.0	28.0
NW	1.3	2.7	.6	.1	.0		4.6	10.6	6.1	3.3	4.0	5.5	5.5
VAR	#	.0	.0	.0	.0		#	4.0	.0	.1	.0	.0	.0
CALM	2.6	2512	677	38	.0	4276	2.6	10.8	3.5	12.7	10.2	11.5	11.5
TOT OBS	1051	58.7	15.8	.9	.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOT PCT	24.6						100.0	100.0	100.0	100.0	100.0	100.0	100.0

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	WIND SPEED (KNOTS)				48+	MEAN		TOTAL OBS
		1-3	4-10	11-21	22-33	34-47	PCT FREQ		
0000	2.5	6.2	47.5	39.7	4.0	.2	10.5	100.0	925
0600	2.3	5.2	43.4	43.2	5.8	.1	11.2	100.0	1216
1200	1.7	3.4	46.0	42.6	5.0	.3	11.4	100.0	1021
1800	3.9	4.0	52.9	35.3	3.6	.3	10.3	100.0	1115
TOT	111	200	2027	1731	199	9	10.8		4277
PCT	2.6	4.7	47.4	40.5	4.7	.2		100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION									
WIND DIR	0-2	3-4	5-7	8 & 0850	TOTAL OBS	MEAN CLOUD COVER			
N	.2	.2	.6	.3		5.3			
NE	.2	.4	.7	.2		5.0			
E	.7	.5	.7	.2		4.0			
SE	.6	1.4	1.3	.3		4.4			
S	2.8	2.9	4.4	1.3		4.5			
SW	7.3	9.5	18.0	7.6		5.0			
W	3.9	5.0	12.7	7.6		5.5			
NW	.5	.8	2.5	1.5		5.8			
VAR	.0	.9	.0	.0		4.3			
CALM	.4	.9	.7	.2		4.2			
TOT OBS	438	566	1119	511	2634	5.1			
TOT PCT	16.6	21.5	42.5	19.4	100.0				

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH) > 4/8 AND OCCURRENCE OF MH < 5/8 BY WIND DIRECTION													
WIND DIR	000	149	150	299	300	599	600	999	1000	1999	2000	3499	4999
N	.0	.0	.0	.0	.0	.0	.1	.1	.3	.4	.2	.1	.0
NE	.0	.0	.0	.0	.0	.0	.1	.1	.4	.4	.3	.3	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.1	.1	.1	.1	.1	.1	.2	.2	1.2	1.2	1.4	.2	.1
W	.1	.1	.1	.1	.1	.1	2.0	2.0	5.4	5.1	5.9	.3	.4
NW	.1	.1	.1	.1	.1	.1	1.3	1.3	5.6	4.6	4.4	.1	.2
VAR	.0	.0	.0	.0	.0	.0	.1	.1	.9	1.2	1.1	.0	.2
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	6	2	2	2	24	107	382	347	47	11	21	1665	2634
TOT PCT	.2	.1	.1	.1	.9	4.1	14.5	13.2	1.8	.4	.8	63.2	100.0

PERIOD: (PRIMARY) 1935-1971
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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >40) AND VSBY (MM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	VSBY (MM) = OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6
= OR >5000	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0
= OR >3500	3.4	3.8	3.8	3.8	3.8	3.8	3.8	3.8
= OR >2000	14.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9
= OR >1000	25.1	30.8	31.1	31.3	31.3	31.4	31.4	31.4
= OR >600	27.9	34.4	35.0	35.2	35.3	35.4	35.4	35.4
= OR >300	28.3	35.1	35.8	36.0	36.2	36.2	36.3	36.3
= OR >150	28.3	35.1	35.8	36.1	36.2	36.3	36.4	36.4
= OR >0	28.4	35.2	36.1	36.3	36.5	36.5	36.6	36.6
TOTAL	750	930	952	958	962	963	967	967

TOTAL NUMBER OF OBS: 2639

PCT FREQ MM (5/8): 63.4

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	TOTAL
3.6	12.6	22.6	14.5	9.9	4.5	12.5	5.5	10.3
								.1
								2729

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TABLE 0

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSOT (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT X	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
PCP	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT X	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
PCP	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.3
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
TOT X	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.4
PCP	.0	.0	.0	.0	.1	.3	.3	.1	.0	.0	.0	.6
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
TOT X	.0	.0	.0	.0	.1	.3	.3	.1	.0	.0	.0	.7
PCP	.1	.1	.1	.1	.1	.7	1.3	.3	.0	.2	.2	2.8
NO PCP	.1	.2	.3	.5	1.7	4.8	3.5	.4	.0	.8	12.2	20.9
TOT X	.2	.3	.4	.6	1.9	5.5	4.8	.7	.0	.9	15.0	23.7
PCP	.1	.0	.0	.0	.1	.7	.9	.2	.0	.0	.0	2.0
NO PCP	1.0	.9	1.5	2.9	8.6	37.1	23.4	3.7	.0	1.6	80.9	107.4
TOT X	1.0	.9	1.5	2.9	8.7	38.1	24.3	3.9	.0	1.6	82.9	107.4
TOT OBS	1.2	1.1	1.6	3.5	10.0	44.5	29.8	4.8	.0	2.5	100.0	357.8
TOT PCT	1.2	1.1	1.6	3.5	10.0	44.5	29.8	4.8	.0	2.5	100.0	357.8

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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10+	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT OBS	1	1	1	1	1	1	1	1	1	1	1	3058
	TOT PCT	1	1	1	1	1	1	1	1	1	1	1	100.0

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TABLE 10

HOUR (GMT)	PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NM >4/8) AND OCCURRENCE OF NM <5/8 BY HOUR										TOTAL NM <5/8 ANY HGT OBS	TOTAL OBS
	000 149	150 299	300 599	600 999	1000 1999	2000 3999	3500 4999	5000 6499	6500 7999	8000+		
00003	.0	.0	.8	4.8	14.8	12.2	1.9	.5	1.2	.5	36.7	641
06009	.3	.1	.7	3.4	14.9	12.0	2.2	.1	.6	.7	35.0	725
12015	.1	.0	1.5	4.2	14.8	14.1	1.6	.4	.6	1.0	38.5	668
18021	.5	.2	.6	3.5	12.1	13.4	1.2	.6	.8	.9	33.7	659
TOT	6	2	24	107	382	347	47	11	21	21	968	2893
PCT	.2	.1	.9	4.0	14.2	12.9	1.7	.4	.8	.8	35.9	64.1
												100.0

TABLE 11

HOUR (GMT)	PERCENT FREQUENCY VSBY (NM) BY HOUR										TOTAL OBS
	<1/2	1/2<1	1/2	2/5	5/10	10+	10+	10+	10+	10+	
00003	.0	.0	.3	1.0	9.6	89.1	62A				62A
06009	.3	.1	.1	1.1	10.4	87.9	711				711
12015	.5	.3	.2	.6	15.0	82.7	658				658
18021	.0	.2	.3	1.4	13.8	84.3	645				645
TOT	5	4	6	27	327	2271	2640				2640
PCT	.2	.2	.2	1.0	12.4	86.0	100.0				100.0

TABLE 12

HOUR (GMT)	CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR CEILING HGT (FEET, NM >4/8) BY HOUR										TOTAL OBS
	<150 <500	<150 <500	<150 <500	<150 <500	<150 <500	<150 <500	<150 <500	<150 <500	<150 <500	<150 <500	
00003	.2	1.0	6.5	31.0	62.5	62.5	62.5	62.5	62.5	62.5	626
06009	.3	1.3	5.2	30.5	64.3	64.3	64.3	64.3	64.3	64.3	711
12015	.3	2.3	6.8	32.5	60.6	60.6	60.6	60.6	60.6	60.6	658
18021	.5	1.4	5.7	29.0	55.3	55.3	55.3	55.3	55.3	55.3	645
TOT	8	39	160	812	1668	1668	1668	1668	1668	1668	2640
PCT	.3	1.5	6.1	30.8	63.2	63.2	63.2	63.2	63.2	63.2	100.0

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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	TOTAL OBS	PCT FREQ
100/104	.0	.0	.0	.0	.0	.0	.0	1	.6
95/99	.0	.0	.1	.2	.4	.0	.0	15	.6
90/94	.0	.0	.0	.3	1.6	.9	.0	73	2.9
85/89	.0	.0	.0	.3	2.5	15.9	7.1	607	27.1
80/84	.0	.0	.0	.2	1.3	16.2	35.9	1809	63.4
75/79	.0	.0	.0	.0	.0	.2	1.9	152	6.0
70/74	.0	.0	.0	.0	.0	.0	.0	2	.1
TOTAL	0	0	2	24	146	843	1143	2539	100.0
PCT	0	.0	.1	.9	5.3	33.2	45.0	15.0	

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
100/104	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
95/99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90/94	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85/89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80/84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75/79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70/74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	1.3	1.2	1.0	3.5	10.5	44.0	29.6	5.3	2.9	

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	50%	%	1%	MIN	MEAN	TOTAL OBS
00403	94	90	87	83	79	77	73	83.0	82.2	922
06409	100	95	91	85	80	77	75	85.0	82.0	1201
12415	92	89	86	83	79	76	73	83.0	82.0	1020
18421	88	86	85	82	79	77	74	82.2	81.1	1111
TOT	100	92	88	83	79	76	73	83.3	82.5	4254

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00403	.0	.2	2.9	13.0	30.2	52.6	14.2	8.2	82	593
06409	.0	.5	3.9	35.8	44.3	15.5	8.2	77	801	634
12415	.0	.3	1.6	21.1	54.5	22.5	8.4	640		
TOT	0	26	146	846	1146	302	81	2548		

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TABLE 17
PCT FREQ OF AIR TEMPERATURE VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)
AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)

AIR-SEA TMP DIF	73	77	81	85	89	93	95	TOT	M	W	W8
14/16	.0	.0	.0	.0	.0	.0	.0	5	.0	.0	.1
11/15	.0	.0	.1	.1	.1	.1	.1	9	.0	.0	.2
9/10	.0	.0	.1	.2	.2	.1	.1	22	.0	.0	.6
7/8	.0	.0	.3	.4	.6	.3	.3	57	.0	.0	1.6
6	.0	.0	.1	.4	.3	.1	.1	31	.0	.0	.9
5	.0	.0	.7	1.0	.6	.1	.1	81	.0	.0	2.4
4	.0	.1	1.4	1.9	1.1	.1	.1	153	.0	.0	4.6
3	.0	.1	1.0	1.5	.3	.1	.1	97	.0	.0	2.9
2	.1	.2	4.2	3.5	.3	.0	.0	279	.0	.0	8.3
1	.0	.3	3.2	3.0	.1	.0	.0	224	.0	.0	6.7
0	.7	12.3	4.5	.1	.0	.0	.0	337	.0	.0	17.5
-1	.0	.5	7.0	2.5	.1	.0	.0	589	.0	.0	10.0
-2	.1	1.1	12.4	1.8	.0	.0	.0	518	.0	.0	15.4
-3	.1	1.0	5.7	1.2	.0	.0	.0	266	.0	.0	7.9
-4	.1	2.1	5.9	.7	.0	.0	.0	297	.0	.0	8.8
-5	.1	1.6	2.8	.4	.0	.0	.0	164	.0	.0	4.9
-6	.1	1.3	1.7	.1	.0	.0	.0	107	.0	.0	3.2
-7/-8	.2	1.2	1.0	.2	.0	.0	.0	87	.0	.0	2.6
-9/-10	.1	.5	.2	.0	.0	.0	.0	26	.0	.0	.8
-11/-13	.1	.1	.1	.0	.0	.0	.0	6	.0	.0	.2
-14/-16	.1	.0	.0	.0	.0	.0	.0	1	.0	.0	.1
TOTAL								3358			99.8
PCT	.8	10.7	60.1	23.5	3.7	.8		100.0			

PERIOD: (OVER-ALL) 1963-1971

JUNE

AREA 0004 SAIGON
9.4N 107.4E

TABLE 10
PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.1	.2	.0	.0	.0	.0	.3	#	.2	.0	.0	.0	.0	.2
1-2	.1	.4	.1	.0	.0	.0	.6	.1	.4	.2	.0	.0	.0	.8
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	.7	.1	.0	.0	.0	1.0	.1	.6	.2	.0	.0	.0	1.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.1	.6	.0	.0	.0	.0	.6	.2	1.3	.0	.0	.0	.0	1.5
1-2	#	.3	.2	.0	.0	.0	.5	.1	1.5	.1	.0	.0	.0	1.7
3-4	.0	.0	.0	.0	.0	.0	#	.0	.1	#	.0	.0	.0	.1
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1	9	.2	.0	.0	.0	1.2	.4	2.8	.2	.0	.0	.0	3.4

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT (1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	S					SW					PCT				
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	
1-3	.6	1.8	1.2	.0	.0	.0	2.4	.3	3.6	11.6	.0	.0	.0	4.4	
1-2	.2	4.0	1.2	.0	.0	.0	5.4	.2	11.6	11.6	.0	.0	.0	23.7	
3-4	.0	1.0	.3	.1	.0	.0	1.4	.0	3.4	8.3	.0	.0	.0	12.5	
5-6	.0	.2	.2	.0	.0	.0	.4	.0	.4	2.3	.0	.0	.0	3.0	
7	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.2	.0	.0	.0	1.9	
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.4	
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	.8	7.0	1.8	.1	.0	.0	9.7	.5	19.7	24.3	1.4	.0	.0	45.9	

HGT (1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+	M					NW					PCT				
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	
1-3	.5	1.8	7.2	.0	.0	.0	2.4	.1	2.0	1.3	.0	.0	.0	3.3	
1-2	.2	7.0	7.7	.0	.0	.0	14.9	.1	2.0	1.3	.0	.0	.0	3.3	
3-4	.1	2.6	6.4	1.2	.0	.0	10.2	.0	1.1	.5	.3	.0	.0	1.0	
5-6	.0	.4	1.4	.4	.0	.0	2.2	.0	.1	.1	.1	.0	.0	.2	
7	.0	.1	.7	.2	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.1	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	.8	12.0	16.4	2.0	.0	.0	31.2	.2	.5	1.9	.4	.0	.0	5.0	

JUNE

AREA 0004 SAIGON
9.4N 107.4E

PERIOD: (OVER-ALL) 1963-1971

TABLE 18 (CONT)

WGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT BOS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	4.4	10.0	.5	.0	.0	.0	14.9	
1-2	1.1	27.0	22.4	.0	.0	.0	50.6	
3-4	.1	7.1	15.5	2.4	.0	.0	25.0	
5-6	.0	1.1	3.8	.8	.0	.0	5.7	
7	.0	.5	2.0	.4	.0	.0	2.9	
8-9	.0	.1	.3	.1	.0	.0	.5	
10-11	.0	.0	.1	.2	.0	.0	.2	
12	.0	.0	.1	.1	.0	.0	.1	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	5.6	45.8	44.7	3.9	.0	.0	100.0	
							1742	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN WGT	
<6	5.1	35.0	23.4	4.9	1.8	.2	.0	#	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1440	3
6-7	.0	2.6	2.8	3.9	1.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	232	4
8-9	.0	.1	.7	.5	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	57	6
10-11	.0	.1	.1	.1	.2	.1	#	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	6
12-13	.0	.0	.2	.1	.0	.0	#	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	4
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	5
INDEX	6.7	4.9	1.9	.4	.2	#	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	291	1
TOTAL	242	875	597	205	88	24	8	4	0	0	0	0	0	0	0	0	0	0	0	0	2043	3
PCT	11.8	42.8	29.2	10.0	4.3	1.2	.4	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

JULY

PERIOD: (PRIMARY) 1956-1971
(OVER-ALL) 1957-1971

AREA 0004 SAICOM
9.3N 107.3E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHR	RAIN SHR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL 00S
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE PCPN	DUST PCPN	HAZE PCPN	
N	#	#	#	.0	.0	.0	.0	#		#	.0	.0	.0	.0	.7
NE	#	.1	#	.0	.0	.0	.0	.1		.0	.0	.0	.0	.0	.7
E	.1	#	.0	.0	.0	.0	.0	.1		.1	.0	.0	.0	.0	.5
SE	.1	#	.0	.0	.0	.0	.0	.1		.1	.0	.0	.0	.0	1.2
S	.3	1	.1	.0	.0	.0	.0	.5		.3	#	#	.0	.0	7.8
SW	1.7	1.0	.7	.0	.0	.0	.0	3.3		1.2	.0	.1	.0	.0	44.6
W	1.8	1.1	.7	.0	.0	.0	.0	3.5		.6	.0	.0	.0	.0	28.9
NW	.4	.1	#	.0	.0	.0	.0	.5		.6	.0	.0	.0	.0	3.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0		#	.0	.0	.0	.0	#
CALM	.1	.0	.0	.0	.0	.0	.0	.1		.0	.0	.0	.0	.0	1.4
TOT 00S	170	93	58	.0	.0	.0	.0	.1	318	87	.0	.0	.0	.0	3426
TOT PCT	4.4	2.4	1.5	.0	.0	.0	.0	8.3		2.3	.1	.4	.0	.0	89.1

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHR	RAIN SHR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL 00S
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE PCPN	DUST PCPN	HAZE PCPN	
0000	5.1	2.9	1.5	.0	.0	.0	.0	9.3		.0	.0	.0	.0	.0	90.8
0600	3.9	2.4	1.3	.0	.0	.0	.0	7.7		.1	.1	.4	.0	.0	91.7
1200	5.1	2.0	.5	.0	.0	.0	.0	7.5		4.1	.1	.5	.0	.0	88.0
1800	3.6	2.3	2.6	.0	.0	.0	.0	8.5		4.7	.0	.4	.0	.0	86.5
TOT	170	93	58	.0	.0	.0	.0	8.2	318	87	.0	.4	.0	.0	3440
PCT	4.4	2.4	1.5	.0	.0	.0	.0	8.2		2.3	.1	.4	.0	.0	89.2

JULY

PERIOD: (PRIMARY) 1936-1971
(OVER-ALL) 1957-1971

AREA 0004 SAIGON
9.3M 107.3E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)					
	0-3	4-10	11-21	22-33	34-47	40+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	09	12	15	21
M	.1	.5	.2	.2	.2	.0	.0	.7	9.5	1.1	.0	.9	.4	.6	.7	.2
NE	.2	.7	.1	.1	.0	.0	.0	.9	7.2	1.0	.8	.8	.7	.4	.4	.5
E	.2	.4	.1	.0	.0	.0	.0	.8	6.9	.7	1.7	.8	.9	.6	.0	.1
SE	.2	1.0	.2	.0	.0	.0	.0	1.4	7.6	1.0	1.2	1.2	.9	2.4	.0	.8
S	.6	4.3	3.1	.4	.0	.0	.0	8.4	10.4	.7	8.7	8.7	7.7	10.7	.0	1.9
SW	1.2	18.8	26.1	3.6	1	.0	.0	49.8	12.9	42.0	53.6	48.7	60.3	52.4	57.0	45.7
W	.7	10.4	17.3	3.8	.2	.0	.0	32.4	14.0	37.6	30.3	33.1	25.4	27.7	29.3	36.1
NW	.2	1.9	1.4	.3	.0	.0	.0	3.8	11.5	5.9	2.8	3.4	2.6	2.7	3.6	4.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	4.0	.0	.0	.0	.0	.1	.0	.0
CALM	1.9	1709	2177	365	20	.0	4494	1.9	12.5	2.2	.8	2.4	1.2	2.4	.4	1.8
TOT OBS	223	38.0	48.4	8.1	.4	.0		100.0		777	242	888	346	839	246	839
TOT PCT	5.0	38.0	48.4	8.1	.4	.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					
	0-6	7-16	17-27	28-40	00					03	06	09	12	15	18
M	.3	.3	.1	.0	.0	.0	.7	9.5	.8	.8	.6	.6	.6	.6	.6
NE	.5	.2	.0	.0	.0	.0	.9	7.2	1.5	1.5	.7	.4	.4	.4	.4
E	.5	.2	.0	.0	.0	.0	.8	6.9	1.0	1.0	.8	.5	.5	.5	.5
SE	.7	.6	.0	.0	.0	.0	1.4	7.6	1.1	1.1	1.1	1.8	1.8	1.8	1.8
S	2.5	4.9	.9	.1	.0	.0	8.4	10.4	7.9	8.4	10.2	10.2	10.2	10.2	10.2
SW	6.8	29.9	12.2	.9	.0	.0	49.8	12.9	44.7	51.9	53.4	53.4	53.4	53.4	53.4
W	3.6	18.3	9.5	.9	.0	.0	32.4	14.0	35.9	30.9	30.9	28.1	34.8	34.8	34.8
NW	1.1	1.9	.8	.1	.0	.0	3.8	11.5	5.2	3.2	2.9	2.9	4.1	4.1	4.1
VAR	.0	.0	.0	.0	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0
CALM	1.9	2539	1066	.88	.0	4494	1.9	12.5	1.9	1.9	2.0	1.9	1.9	1.9	1.9
TOT OBS	800	56.5	23.7	2.0	.0		100.0		1019	1234	1085	1085	1156	1156	1156
TOT PCT	17.8	56.5	23.7	2.0	.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1936-1971
(OVER-ALL) 1957-1971

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)			40+	MEAN	PCT FREQ
				11-21	22-33	34-47			
00403	1.9	3.6	40.6	46.3	7.2	.4	.0	12.0	100.0
06409	2.0	2.8	35.5	50.0	8.9	.7	.0	12.8	100.0
12415	1.9	2.8	35.8	50.7	8.6	.2	.0	12.9	100.0
18421	1.6	3.2	40.5	46.5	7.7	.4	.0	12.3	100.0
TOT	84	139	1708	2177	365	20	.0	12.5	100.0
PCT	1.9	3.1	38.0	48.5	8.1	.4	.0		
								100.0	
									TOTAL 885

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (CIG.M.)
BY WIND DIRECTION

WIND DIR	PCT FREQ OF TOTAL CLOUD AMOUNT (CIG.M.) BY WIND DIRECTION							TOTAL 885
	0-2	3-4	5-7	8-10	11-21	22-33	34-47	
N	1	.1	.4	.3	.3	5.8		
NE	2	.3	.3	.1	.1	4.5		
E	1	.3	.2	.1	.1	4.0		
SE	.4	.3	.7	.2	.1	4.6		
S	1	1.9	3.6	2.2	.1	5.4		
SW	5	8.3	18.4	14.2	.1	5.6		
W	3	4	12.9	13.0	.2	6.0		
NW	4	.6	1.5	1.9	.1	6.2		
VAR	0	.1	.1	.1	.1	3.0		
CALM	5	.3	.8	.3	.1	4.5		
TOT 885	351	505	1150	952	2958			
TOT PCT	11.9	17.1	38.9	32.2	100.0			

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT.MH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

	000	150	300	600	1000	2000	3500	5000	6500	8000+	NH <5/8	TOTAL
	49	299	599	999	1999	3999	4999	6499	7999		ANY HGT	885
N	.0	.0	.0	.1	.2	.2	.0	#	.0	.0	.5	
NE	.0	.0	.0	.0	.1	.0	.0	#	.0	.0	.7	
E	.0	.0	.0	.0	.1	.2	.0	#	.0	.0	.7	
SE	.0	.0	.0	.0	.1	.2	.0	#	.0	.0	1.1	
S	.1	.1	.3	1.0	1.0	1.3	.1	.1	.2	.1	5.5	
SW	.2	.1	.4	1.9	6.6	8.8	.6	.2	.6	.2	26.9	
W	.2	.1	.4	1.9	6.6	5.5	.6	.3	.5	.3	17.0	
NW	.0	.0	.1	.2	.1	1.0	.0	.0	.1	.1	2.1	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	#	
CALM	.0	.0	.0	.0	.2	.3	.0	.1	.0	#	1.3	
TOT 885	12	6	25	128	480	510	40	24	19	1674	2958	
TOT PCT	.4	.2	.8	4.3	16.2	17.2	1.4	.6	1.4	.6	56.6	100.0

PERIOD: (PRIMARY) 1956-1971
(OVER-ALL) 1957-1971

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TABLE 7
CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 470) AND VSBY (NM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	= OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	1.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0
= OR > 5000	2.4	2.8	2.8	2.8	2.8	2.8	2.8	2.8
= OR > 3500	3.4	4.1	4.2	4.2	4.2	4.2	4.2	4.2
= OR > 2000	17.3	21.0	21.4	21.4	21.4	21.4	21.4	21.4
= OR > 1000	27.5	36.2	37.3	37.5	37.5	37.5	37.5	37.5
= OR > 600	30.1	40.1	41.7	41.8	41.8	41.8	41.8	41.8
= OR > 300	30.4	40.7	42.4	42.6	42.6	42.6	42.6	42.6
= OR > 150	30.5	40.9	42.6	42.6	42.6	42.6	42.6	42.6
= OR > 0	30.7	41.1	42.6	43.1	43.1	43.2	43.3	43.3
TOTAL	910	1220	1270	1278	1278	1280	1283	1284

TOTAL NUMBER OF OBS: 2965 PCT FREQ NH < 570: 56.7

TABLE 7A
PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

C	1	2	3	4	5	6	7	8	00SCD	TOTAL OBS
3.3	10.0	21.8	12.6	9.1	8.4	11.5	7.3	15.8	.3	3059

PERIOD: (PRIMARY) 1936-1971
(OVER-ALL) 1857-1971

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TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
(1/2 M8 PCP TOT M	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
1/2 (1 M8 PCP TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	
	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
1 (2 M8 PCP TOT M	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.4	
	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
	.0	.0	.0	.0	.1	.3	.2	.1	.0	.0	.6	
2 (5 M8 PCP TOT M	.0	.0	.1	.0	.1	.3	.5	.1	.0	.0	1.1	
	.0	.0	.0	.0	.1	.5	.4	.1	.0	.0	1.0	
	.0	.0	.1	.0	.1	.8	.9	.2	.0	.0	2.1	
5 (10 M8 PCP TOT M	.1	.0	.0	.1	1.5	1.7	.2	.2	.0	.1	3.8	
	.1	.0	.1	1.2	7.1	5.3	.6	.6	.0	.1	14.6	
	.1	.1	.1	1.4	8.6	7.0	.8	.8	.0	.2	18.4	
10+ M8 PCP TOT M	.0	.0	.1	.3	3.2	1.0	.1	.1	.0	.1	2.7	
	.6	.7	.6	1.1	6.8	38.3	23.6	2.8	.0	.4	75.9	
	.6	.7	.6	1.2	7.1	39.5	24.6	2.8	.0	.4	78.5	
TOT OBS	.8	.9	.7	1.4	8.6	49.3	32.9	3.9	.0	1.6	100.0	3842
TOT PCT												

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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
1/2<1	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
1<2	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
2<5	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
5<10	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
10+	0-3	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0
	TOT	0	0	0	0	0	0	0	0	0	0	0
TOT OBS		7	8	7	1.3	8.6	49.7	32.7	3.9	0	1.7	100.0
TOT PCT												4119

PERIOD: (PRIMARY) 1936-1971
(OVER-ALL) 1957-1971

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TABLE 10

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PERCENT FREQUENCY OF CEILING HEIGHTS (FEET.MH > 4/8) AND OCCURRENCE OF MH (5/8 BY HOUR												
HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	MH (5/8 ANY HGT 985
00403	.5	.0	.7	4.4	15.6	16.9	1.4	.5	1.2	.4	41.7	58.3
06409	.7	.3	.9	4.1	13.9	16.7	1.3	.8	1.0	.4	42.1	57.9
12415	.0	.1	1.0	4.2	17.2	17.2	1.5	.9	1.3	.6	44.0	56.0
18421	.4	.4	.7	4.4	17.0	14.8	1.2	.9	1.7	1.1	42.6	57.4
TOT	12	6	25	129	481	511	41	24	40	19	1288	1734
PCT	.4	.4	1.6	4.3	15.9	16.9	1.4	.8	1.3	.6	42.6	57.4
												100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR							
HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL 885
00403	1	.1	3	2.1	15.2	82.2	712
06409	4	.0	.7	1.9	13.0	84.1	749
12415	.1	.0	1	2.1	19.8	77.8	772
18421	3	.0	.0	1.9	23.2	74.6	736
TOT	7	1	8	59	529	2365	2969
PCT	2	.4	.3	2.0	17.8	79.7	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR CEILING HGT (FEET.MH > 4/8) BY HOUR						
HOUR (GMT)	<150 50YD	<600 1000 1500	<1000 1000+ AND 5+	MH (5/8 AND 5+	TOTAL 885	
00403	.7	1.5	7.7	35.4	56.9	712
06409	.7	1.9	7.7	35.2	57.0	749
12415	.1	1.3	7.0	37.8	55.2	772
18421	.7	1.9	7.9	36.0	56.1	736
TOT	16	49	225	1073	1671	2969
PCT	.5	1.7	7.6	36.1	56.3	100.0

OCR100 (PRIMARY) 1956-1971
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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40	49	50-59	60-69	70-79	80-89	90-100	TOTAL	PCT FREQ
95/99	0	0	0	0	1	.2	.0	.0	.0	8	.3
90/94	0	0	0	0	.1	.8	.7	.2	.0	49	1.8
85/89	0	0	0	0	.2	1.4	8.5	3.3	.0	393	14.1
80/84	0	0	0	0	.0	.0	21.0	42.8	9.9	2078	74.5
75/79	0	0	0	0	.0	.0	.3	3.4	5.4	251	9.1
70/74	0	0	0	0	.0	.0	.0	.0	.3	7	.3
TOTAL	0	0	0	0	9	87	850	1388	454	<788	100.0
PCT	0	0	0	0	.3	3.1	30.5	49.8	16.3		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
95/99	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0
90/94	.0	.0	.0	.0	.4	.7	.5	.0	.0	.0
85/89	.1	.1	.1	.3	1.5	7.7	3.6	.3	.0	.1
80/84	.6	.7	.6	1.2	6.2	35.6	25.1	3.2	.0	.5
75/79	.1	.1	.0	.1	.6	2.8	4.2	.9	.0	.2
70/74	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0
TOTAL	.8	.9	.7	1.5	8.8	47.1	33.7	4.3	.0	2.0

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL
00403	55	90	86	82	78	75	73	82.0	865
06409	90	93	89	84	79	76	73	83.7	1019
12415	97	88	85	82	78	76	74	82.0	1224
18421	91	86	84	82	78	75	73	81.4	1081
TOT	98	91	87	82	78	75	73	82.3	4485

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00403	.0	.0	.9	28.0	53.3	17.8	84	883
06409	.0	1.0	9.1	45.5	34.2	10.1	79	653
12415	.0	.0	2.2	31.0	50.8	16.0	83	590
18421	.0	.3	.3	17.9	60.7	20.8	85	725
TOT	0	9	87	854	1396	454	82	2000

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(OVER ALL) 1857-1971

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TABLE 17

PCT FREQ OF AIR TEMPERATURE VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	72	77	81	85	89	93	TOT	W	W8
	76	80	84	88	92	96	F80	F80	F80
14/16	.0	.0	.0	.0	.1	.0	2	.0	.1
11/13	.0	.0	.3	.3	.1	.1	23	.0	.6
9/10	.0	.0	.7	.4	.1	.1	48	.0	1.3
7/8	.0	.0	.6	.1	.6	.2	57	.0	1.6
6	.0	.1	.2	.3	.5	*	42	.0	1.2
5	.0	.1	.8	.8	.3	*	71	.0	2.0
4	.0	.4	2.1	1.5	.3	.0	149	.0	4.2
3	.0	.2	1.1	1.3	*	.0	92	.0	2.6
2	.0	.2	4.0	1.5	*	.0	295	.0	8.3
1	.0	.2	4.0	2.2	.0	.0	201	.0	5.7
0	.1	1.5	15.0	2.2	.0	.0	668	.0	18.8
-1	.0	.6	7.5	1.0	.0	.0	326	.0	9.2
-2	.0	2.9	11.3	.4	.0	.0	519	*	14.6
-3	.0	1.5	6.9	.2	.0	.0	304	.0	8.6
-4	.1	3.0	4.8	.1	.0	.0	285	.0	8.0
-5	.1	2.1	3.4	.1	.0	.0	204	.0	5.7
-6	.1	2.3	1.1	.0	.0	.0	124	*	3.5
-7/-8	.3	2.1	.8	.0	.0	.0	113	.0	3.2
-9/-10	.3	.3	.0	.0	.0	.0	22	.0	.6
-11/-13	.1	.1	.0	.0	.0	.0	8	.0	.2
TOTAL							3553		
PCT	1.3	17.0	65.4	12.0	2.0	.5	100.0	.1	99.8

PERIOD: (OVER-ALL) 1963-1971 AREA 0004 SAIGON 9.3M 107.3C

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TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
MGT														
41	.1	.1	.0	.0	.0	.0	.2	.1	.2	.0	.0	.0	.0	.2
1-2	.1	.4	.2	.0	.0	.0	.7	.0	.4	.1	.0	.0	.0	.4
3-4	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.1
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.1	.6	.3	.0	.0	.0	.5	.1	.6	.1	.0	.0	.0	.6

	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
MGT														
41	.1	.4	.0	.0	.0	.0	.4	.1	.1	.0	.0	.0	.0	.2
1-2	.0	.1	.0	.0	.0	.0	.1	.1	.7	.1	.0	.0	.0	.9
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.1	.5	.0	.0	.0	.0	.6	.2	.9	.2	.0	.0	.0	1.3

PERIOD: (OVER-ALL) 1963-1971

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	54	34-47	48+	PCT
11	1	1	1	0	0	0	0	0	0	0	0
12	2	2	1	0	0	0	0	0	0	0	0
13	2	2	1	0	0	0	0	0	0	0	0
14	2	2	1	0	0	0	0	0	0	0	0
15	2	2	1	0	0	0	0	0	0	0	0
16	2	2	1	0	0	0	0	0	0	0	0
17	2	2	1	0	0	0	0	0	0	0	0
18	2	2	1	0	0	0	0	0	0	0	0
19	2	2	1	0	0	0	0	0	0	0	0
20	2	2	1	0	0	0	0	0	0	0	0
21	2	2	1	0	0	0	0	0	0	0	0
22	2	2	1	0	0	0	0	0	0	0	0
23	2	2	1	0	0	0	0	0	0	0	0
24	2	2	1	0	0	0	0	0	0	0	0
25	2	2	1	0	0	0	0	0	0	0	0
26	2	2	1	0	0	0	0	0	0	0	0
27	2	2	1	0	0	0	0	0	0	0	0
28	2	2	1	0	0	0	0	0	0	0	0
29	2	2	1	0	0	0	0	0	0	0	0
30	2	2	1	0	0	0	0	0	0	0	0
31	2	2	1	0	0	0	0	0	0	0	0
32	2	2	1	0	0	0	0	0	0	0	0
33	2	2	1	0	0	0	0	0	0	0	0
34	2	2	1	0	0	0	0	0	0	0	0
35	2	2	1	0	0	0	0	0	0	0	0
36	2	2	1	0	0	0	0	0	0	0	0
37	2	2	1	0	0	0	0	0	0	0	0
38	2	2	1	0	0	0	0	0	0	0	0
39	2	2	1	0	0	0	0	0	0	0	0
40	2	2	1	0	0	0	0	0	0	0	0
41	2	2	1	0	0	0	0	0	0	0	0
42	2	2	1	0	0	0	0	0	0	0	0
43	2	2	1	0	0	0	0	0	0	0	0
44	2	2	1	0	0	0	0	0	0	0	0
45	2	2	1	0	0	0	0	0	0	0	0
46	2	2	1	0	0	0	0	0	0	0	0
47	2	2	1	0	0	0	0	0	0	0	0
48	2	2	1	0	0	0	0	0	0	0	0
49	2	2	1	0	0	0	0	0	0	0	0
50	2	2	1	0	0	0	0	0	0	0	0
51	2	2	1	0	0	0	0	0	0	0	0
52	2	2	1	0	0	0	0	0	0	0	0
53	2	2	1	0	0	0	0	0	0	0	0
54	2	2	1	0	0	0	0	0	0	0	0
55	2	2	1	0	0	0	0	0	0	0	0
56	2	2	1	0	0	0	0	0	0	0	0
57	2	2	1	0	0	0	0	0	0	0	0
58	2	2	1	0	0	0	0	0	0	0	0
59	2	2	1	0	0	0	0	0	0	0	0
60	2	2	1	0	0	0	0	0	0	0	0
61	2	2	1	0	0	0	0	0	0	0	0
62	2	2	1	0	0	0	0	0	0	0	0
63	2	2	1	0	0	0	0	0	0	0	0
64	2	2	1	0	0	0	0	0	0	0	0
65	2	2	1	0	0	0	0	0	0	0	0
66	2	2	1	0	0	0	0	0	0	0	0
67	2	2	1	0	0	0	0	0	0	0	0
68	2	2	1	0	0	0	0	0	0	0	0
69	2	2	1	0	0	0	0	0	0	0	0
70	2	2	1	0	0	0	0	0	0	0	0
71	2	2	1	0	0	0	0	0	0	0	0
72	2	2	1	0	0	0	0	0	0	0	0
73	2	2	1	0	0	0	0	0	0	0	0
74	2	2	1	0	0	0	0	0	0	0	0
75	2	2	1	0	0	0	0	0	0	0	0
76	2	2	1	0	0	0	0	0	0	0	0
77	2	2	1	0	0	0	0	0	0	0	0
78	2	2	1	0	0	0	0	0	0	0	0
79	2	2	1	0	0	0	0	0	0	0	0
80	2	2	1	0	0	0	0	0	0	0	0
81	2	2	1	0	0	0	0	0	0	0	0
82	2	2	1	0	0	0	0	0	0	0	0
83	2	2	1	0	0	0	0	0	0	0	0
84	2	2	1	0	0	0	0	0	0	0	0
85	2	2	1	0	0	0	0	0	0	0	0
86	2	2	1	0	0	0	0	0	0	0	0
87	2	2	1	0	0	0	0	0	0	0	0
88	2	2	1	0	0	0	0	0	0	0	0
89	2	2	1	0	0	0	0	0	0	0	0
90	2	2	1	0	0	0	0	0	0	0	0
91	2	2	1	0	0	0	0	0	0	0	0
92	2	2	1	0	0	0	0	0	0	0	0
93	2	2	1	0	0	0	0	0	0	0	0
94	2	2	1	0	0	0	0	0	0	0	0
95	2	2	1	0	0	0	0	0	0	0	0
96	2	2	1	0	0	0	0	0	0	0	0
97	2	2	1	0	0	0	0	0	0	0	0
98	2	2	1	0	0	0	0	0	0	0	0
99	2	2	1	0	0	0	0	0	0	0	0
100	2	2	1	0	0	0	0	0	0	0	0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT
11	1	2	3	0	0	0	2.9
12	2	7	9	0	0	0	1.7
13	2	8	3	16	0	0	1.7
14	0	2	6	5	0	0	2.9
15	0	1	3	9	0	0	1.1
16	0	0	0	6	0	0	1.1
17	0	0	0	6	0	0	1.1
18	0	0	0	2	0	0	1.1
19	0	0	0	2	0	0	1.1
20	0	0	0	2	0	0	1.1
21	0	0	0	1	0	0	1.1
22	0	0	0	1	0	0	1.1
23	0	0	0	0	0	0	1.1
24	0	0	0	0	0	0	1.1
25	0	0	0	0	0	0	1.1
26	0	0	0	0	0	0	1.1
27	0	0	0	0	0	0	1.1
28	0	0	0	0	0	0	1.1
29	0	0	0	0	0	0	1.1
30	0	0	0	0	0	0	1.1
31	0	0	0	0	0	0	1.1
32	0	0	0	0	0	0	1.1
33	0	0	0	0	0	0	1.1
34	0	0	0	0	0	0	1.1
35	0	0	0	0	0	0	1.1
36	0	0	0	0	0	0	1.1
37	0	0	0	0	0	0	1.1
38	0	0	0	0	0	0	1.1
39	0	0	0	0	0	0	1.1
40	0	0	0	0	0	0	1.1
41	0	0	0	0	0	0	1.1
42	0	0	0	0	0	0	1.1
43	0	0	0	0	0	0	1.1
44	0	0	0	0	0	0	1.1
45	0	0	0	0	0	0	1.1
46	0	0	0	0	0	0	1.1
47	0	0	0	0	0	0	1.1
48	0	0	0	0	0	0	1.1
49	0	0	0	0	0	0	1.1
50	0	0	0	0	0	0	1.1
51	0	0	0	0	0	0	1.1
52	0	0	0	0	0	0	1.1
53	0	0	0	0	0	0	1.1
54	0	0	0	0	0	0	1.1
55	0	0	0	0	0	0	1.1
56	0	0	0	0	0	0	1.1
57	0	0	0	0	0	0	1.1
58	0	0	0	0	0	0	1.1
59	0	0	0	0	0	0	1.1
60	0	0	0	0	0	0	1.1
61	0	0	0	0	0	0	1.1
62	0	0	0	0	0	0	1.1
63	0	0	0	0	0	0	1.1
64	0	0	0	0	0	0	1.1
65	0	0	0	0	0	0	1.1
66	0	0	0	0	0	0	1.1
67	0	0	0	0	0	0	1.1
68	0	0	0	0	0	0	1.1
69	0	0	0	0	0	0	1.1
70	0	0	0	0	0	0	1.1
71	0	0	0	0	0	0	1.1
72	0	0	0	0	0	0	1.1
73	0	0	0	0	0	0	1.1
74	0	0	0	0	0	0	1.1
75	0	0	0	0	0	0	1.1
76	0	0	0	0	0	0	1.1
77	0	0	0	0	0	0	1.1
78	0	0	0	0	0	0	1.1
79	0	0	0	0	0	0	1.1
80	0	0	0	0	0	0	1.1
81	0	0	0	0	0	0	1.1
82	0	0	0	0	0	0	1.1
83	0	0	0	0	0	0	1.1
84	0	0	0	0	0	0	1.1
85	0	0	0	0	0	0	1.1
86	0	0	0	0	0	0	1.1
87	0	0	0	0	0	0	1.1
88	0	0	0	0	0	0	1.1
89	0	0	0	0	0	0	1.1
90	0	0	0	0	0	0	1.1
91	0	0	0	0	0	0	1.1
92	0	0	0	0	0	0	1.1
93	0	0	0	0	0	0	1.1
94	0	0	0	0	0	0	1.1
95	0	0	0	0	0	0	1.1
96	0	0	0	0	0	0	1.1
97	0	0	0	0	0	0	1.1
98	0	0	0	0	0	0	1.1
99	0	0	0	0	0	0	1.1
100	0	0	0	0	0	0	1.1

AREA 0004 SAIGON 9.3M 107.3E

JUL 2

PERIOD: (OVER-ALL) 1963-1971

TABLE 10 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT EES
	0-3	4-10	11-21	22-33	34-47	48+		
61	3.4	7.2	.3	.0	.0	.0	10.0	
1-2	1.1	23.6	23.1	.0	.0	.0	47.0	
3-4	1.1	7.2	19.5	2.9	.0	.0	29.7	
5-6	.0	.6	4.2	1.4	1	.0	6.3	
7	.0	.1	1.6	1.2	.0	.0	3.1	
8-9	.0	.1	.6	.5	.0	.0	1.1	
10-11	.0	.1	.2	.5	.1	.0	.8	
12	.0	.0	.0	.3	.0	.0	.3	
13-16	.0	.0	.0	.1	.0	.0	.1	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	4.6	38.9	49.6	6.8	.1	.0	100.0	
							1965	

PF R 100 (OVCR-ALL) 1949-1971

TABLE 19

[illegible]

PERIOD: (PRIMARY) 1936-1971
(OVER-ALL) 1857-1971

AUGUST

AREA 0004 SAIGON 9.3M 107.3E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW PCPN					PCPN	HAZE	BLWG	DUST SIG	
N	.1						.0	.2							
NE	.1						.0	.1							
E	.1						.0	.1							
SE	.1						.0	.1							
S	.1						.0	.1							
SW	1.2						.0	.2							
W	1.4						.0	2.4							
NW	.3						.0	2.5							
VAR	.0						.0	.7							
CALM	.0						.0	.0							
TOT OBS	126	65	41				.0	.0	232	51					3645
TOT PCT	3.5	1.8	1.1				.0	6.4		1.4					

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW PCPN					PCPN	HAZE	BLWG	DUST SIG	
0000	3.6	1.4	.8				.0	5.7							
0600	2.7	1.2	.9				.0	4.8							
1200	4.1	2.3	1.7				.0	8.1							
1800	3.4	2.2	1.1				.0	6.7							
TOT	127	65	41				.0		233	52					3659
PCT	3.5	1.8	1.1				.0	6.4		1.4					

AUGUST

PERIOD: (PRIMARY) 1956-1971
(SEVER-ALL) 1857-1971

AREA 0004 SAIGON
9.3M 107.3E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										TOTAL 805	PCT FREQ	MEAN SPD	HOUR (GMT)						15	18	21
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12								
N	.1	.6	.2	.1	.0	.0	.0	1.6	1.1	1.0	.3	.7	.9	1.3	1.0							
NE	.2	1.0	.3	.2	.0	.0	.0	1.5	1.0	2.3	.8	1.2	2.2	1.2	.9							
E	.3	1.1	.3	.2	.0	.0	.0	1.2	1.0	1.7	1.1	1.4	2.2	2.2	.5							
SE	.5	3.7	.3	.2	.0	.0	.0	6.5	5.7	.9	2.0	2.3	1.4	2.8	.5							
S	.7	19.9	25.4	.2	.0	.0	.0	42.1	51.8	50.9	59.8	54.9	50.7	47.7	47.1							
SW	.3	9.9	10.3	3.6	.0	.0	.0	37.6	36.2	32.1	24.7	24.3	31.5	33.2	40.7							
W	.3	2.2	1.3	.2	.0	.0	.0	6.3	2.2	3.6	1.2	4.4	3.7	4.1	3.8							
NW	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
CALM	1.6	1692	2091	316	11	1	4291	2.0	.5	1.8	.0	2.3	1.8	1.5	1.0							
TOT 805	180	48.7	7.4	.3	.3	.3	.3	768	203	647	223	643	218	799	290							
TOT PCT	4.2	39.4	48.7	.3	.3	.3	.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0							

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL 805	PCT FREQ	MEAN SPD	HOUR (GMT)						
	0-6	7-16	17-27	28-40	41+				00 03	06 09	12 15	18 21			
N	.6	.4	.0	.0	.0	.0	1.0	8.7	1.5	.8	.7	1.2	.0		
NE	.7	.8	.0	.0	.0	.0	1.4	7.5	1.2	1.9	1.9	1.4	1.1		
E	.5	.8	.1	.0	.0	.0	1.5	8.1	1.2	1.6	1.6	1.5	1.1		
SE	1.1	.6	.1	.0	.0	.0	1.7	6.9	1.3	1.2	2.1	2.1	2.2		
S	2.1	3.8	.8	.0	.0	.0	6.7	9.9	6.3	6.9	8.0	5.5	5.5		
SW	5.3	32.2	10.7	.7	.0	.0	49.9	12.7	44.1	53.3	54.0	47.5	47.5		
W	2.7	19.2	9.4	.6	.0	.0	32.0	13.9	37.3	30.1	25.8	35.2	35.2		
NW	1.4	2.1	.5	.1	.0	.0	4.1	10.3	5.5	2.9	4.2	4.0	4.0		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	1.6	2811	927	64	2	4291	1.6	.0	1.6	1.3	2.2	2.2	1.5		
TOT 805	687	60.8	21.6	1.5	.3	.3	100.0	12.3	97.1	170	106.1	100.9	100.0		
TOT PCT	16.0	60.8	21.6	1.5	.3	.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

PERIOD: (PRIMARY) 1936-1971
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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)			48+	MEAN	PCT FREQ
				11-21	22-33	34-47			
00403	1.6	2.5	41.7	47.3	6.6	.3	.0	11.9	100.0
06409	1.3	2.1	37.0	49.7	9.6	.3	.0	12.8	100.0
12415	2.2	2.7	38.2	50.3	6.4	.2	.0	12.3	100.0
18421	1.5	2.9	41.2	47.5	6.6	.2	.1	12.1	100.0
TOT	70	110	1692	2091	316	11	1	12.3	100.0
PCT	1.6	2.6	39.4	48.7	7.4	.3	.1	12.3	100.0
TOTAL									971
									1170
									1061
									1089
									4291

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)									
WIND DIR	0-2	3-4	5-7	8 & 0850	MEAN CLOUD COVER		TOTAL 085	TGT 085	TGT PCT
					0-2	3-4			
N	.1	.1	.6	.4	6.1	6.1			
NE	.4	.4	.7	.4	4.8	4.8			
E	.2	.5	.8	.4	5.2	5.2			
SE	.5	.3	.9	.3	4.9	4.9			
S	.9	1.4	2.9	1.3	5.2	5.2			
SW	6.0	11.2	21.2	9.7	5.2	5.2			
W	3.3	5.2	13.1	9.9	5.6	5.6			
NW	.3	.7	2.0	1.8	6.1	6.1			
VAR	.0	.0	.0	.0	.0	.0			
CALM	.4	.5	.8	.2	4.5	4.5			
TGT 085	330	557	1180	666	2735	2735			
TGT PCT	12.1	20.4	43.1	24.4	100.0	100.0			

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH) 4/8 AND OCCURRENCE OF MH 45/8 BY WIND DIRECTION														
WIND DIR	000	149	150	299	599	600	999	1000	2000	3500	4999	5000	6500	8000+ MH 45/8
														ANY HGT 085
N	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.1	.1	.0	.6
NE	.0	.0	.0	.0	.0	.0	.0	.1	.5	.0	.0	.0	.0	1.1
E	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	1.0
SE	.0	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	1.2
S	.0	.0	.0	.0	.0	.0	.0	.3	.8	.1	.1	.1	.1	3.9
SW	.1	.0	.0	.0	.3	1.8	5.5	8.4	.8	.3	.5	.2	.2	30.2
W	.1	.0	.0	.0	.4	1.2	5.6	6.0	.7	.4	.3	.2	.2	16.6
NW	.0	.0	.0	.0	.1	1.1	1.1	1.3	.1	.0	.0	.0	.0	2.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.6	.6	.2	.2	21	106	397	514	.3	.0	.0	.0	.0	1.2
TGT 085	2735	2735	2735	2735	2735	2735	2735	2735	2735	2735	2735	2735	2735	2735
TGT PCT	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1

PERIOD: (PRIMARY) 1956-1971
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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM > 4/8) AND VSBY (MM)

CEILING (FEET)	VSBY (MM)				
	= OR > 10	= OR > 5	= OR > 2	= OR > 1	= OR > 1/2
= OR > 5000	1.2	1.3	1.3	1.4	1.4
= OR > 5000	2.0	2.2	2.2	2.3	2.3
= OR > 5000	3.5	3.8	3.9	3.9	3.9
= OR > 2000	20.0	22.1	22.5	22.6	22.6
= OR > 1000	30.9	36.2	36.8	36.9	37.0
= OR > 600	33.5	39.6	40.6	40.8	41.0
= OR > 300	33.9	40.3	41.3	41.6	41.7
= OR > 150	33.9	40.3	41.4	41.6	41.7
= OR > 0	33.9	40.3	41.5	41.8	41.9
TOTAL	332	1109	1142	1149	1153

TOTAL NUMBER OF OBS: 2750 PCT FREQ MM 45/8: 57.9

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	00SCD	TOTAL
3.1	6.8	21.7	15.7	11.1	8.3	14.1	6.4	12.5	.3	2839

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TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VISIB (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
PCP	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	
NO PCP	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
PCP	.1	.1	.0	.0	.0	.1	.2	.0	.0	.0	.4	
NO PCP	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2	
TOT %	.1	.1	.0	.0	.0	.2	.2	.0	.0	.0	.6	
PCP	.0	.0	.1	.0	.1	.2	.5	.0	.0	.0	.3	
NO PCP	.0	.0	.0	.0	.1	.4	.3	.0	.0	.0	.6	
TOT %	.0	.0	.1	.0	.2	.6	.8	.0	.0	.0	1.7	
PCP	.0	.0	.0	.1	.1	1.0	.9	.4	.0	.0	2.6	
NO PCP	.2	.0	.1	.1	.7	5.3	4.6	.7	.0	.1	11.6	
TOT %	.2	.0	.1	.2	.8	6.3	5.5	1.2	.0	.1	14.4	
PCP	.1	.1	.0	.1	.0	1.0	.8	.3	.0	.0	2.4	
NO PCP	.8	1.5	1.4	1.6	5.6	40.5	24.7	2.9	.0	1.5	60.5	
TOT %	.9	1.5	1.5	1.7	3.6	41.6	25.5	3.2	.0	1.5	62.9	
TOT OBS	1	1.6	1.7	1.9	6.6	48.9	32.2	4.4	.0	1.6	100.0	3645
TOT PCT	1	1.6	1.7	1.9	6.6	48.9	32.2	4.4	.0	1.6	100.0	3645

PERIOD: (PRIMARY) 1956-1971
(OVER-ALL) 1957-1971

AUGUST

AREA 0004 SAIGON
9.3M 10-.3E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5<10	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10+	0-3	.1	.2	.2	.3	.4	.7	.2	.3	.0	.4	.3	
	4-10	.6	1.0	.9	1.0	3.3	17.7	8.1	1.8	.0	34.5		
	11-21	.2	.2	.2	.3	1.7	21.0	15.0	.9	.0	39.4		
	22+	.0	.0	.0	.1	.1	2.3	2.3	.2	.0	4.9		
	TOT M	.9	1.4	1.4	1.6	5.5	41.6	25.6	3.2	.0	82.5		
	TOT OBS	1.1	1.5	1.6	1.8	6.5	49.2	32.5	4.4	.0	100.0		3952

PERIOD: (PRIMARY) 1936-1971
(SEVER-AL) 1957-1971

AUGUST

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NM, >4/8) AND
OCCURRENCE OF NM <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NM <5/8 ANY HGT	TOTAL 005
00403	.3	.1	.6	3.4	14.7	19.3	1.6	.4	.9	.3	41.5	58.5	696
06409	.0	.1	.8	3.4	14.5	20.9	1.1	1.1	.7	.0	42.7	57.3	709
12415	.3	.0	.9	4.2	14.2	18.6	2.3	.9	.8	1.1	43.4	56.6	738
18421	.3	.0	.6	4.6	13.1	14.2	1.3	.9	1.3	.3	36.7	63.3	671
TOT	6	2	21	110	398	514	45	24	26	12	1158	1656	2814
PCT	.2	.1	.7	3.9	14.1	18.3	1.6	.9	.9	.4	41.2	58.8	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL 005
00403	.3	.3	1	.9	7.9	90.4	680
06409	0	.0	.4	.9	7.8	90.9	690
12415	.3	.1	.6	1.7	14.1	83.3	723
18421	.2	.2	2	2.6	14.8	32.1	660
TOT	5	4	9	41	308	2386	2753
PCT	.2	.1	.3	1.5	11.2	86.7	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NM, >4/8) BY HOUR

HOUR (GMT)	<150 (5070)	<500 (11	<1000 (5	1000+ AND 5+	NM <5/8 TOTAL 005
00403	.4	1.5	5.4	37.5	57.1
06409	.0	.9	5.1	38.3	56.1
12415	.3	1.5	7.1	27.5	55.5
18421	.8	1.5	7.9	30.5	61.7
TOT	10	37	175	995	1583
PCT	.4	1.3	6.4	36.1	57.5

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PERIOD: (PRIMARY) 1936-1971
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9.3N 107.3E

TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
95/99	0	0	0	0	0	0	0	0	2	1
90/94	0	0	0	0	0	0	0	0	45	1.7
85/89	0	0	0	0	0	0	0	0	428	16.2
80/84	0	0	0	0	0	0	0	0	1861	70.3
75/79	0	0	0	0	0	0	0	0	311	11.7
70/74	0	0	0	0	0	0	0	0	12	1.1
TOTAL	0	0	0	0	0	0	0	0	2649	100.0
PCT	0	0	0	0	0	0	0	0	20.9	

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	M	NE	E	SE	S	SW	W	NW	VAR	CALM
95/99	0	0	0	0	0	0	0	0	0	0
90/94	0	0	0	0	0	0	0	0	0	0
85/89	0	0	0	0	0	0	0	0	0	0
80/84	0	0	0	0	0	0	0	0	0	0
75/79	0	0	0	0	0	0	0	0	0	0
70/74	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0
PCT	0	0	0	0	0	0	0	0	0	0

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00403	93	88	86	82	78	76	73	82.1	972
06409	98	91	89	84	79	77	73	83.8	1162
12415	92	88	85	82	78	75	72	82.1	1065
18421	88	85	84	82	77	75	72	81.3	1095
TOT	98	90	87	82	78	76	72	82.4	4294

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00403	0	2	1.1	18.4	58.3	22.0	85	865
06409	0	8	6.1	43.0	39.5	10.6	80	641
12415	0	1	2.0	23.3	54.5	20.0	84	651
18421	0	0	1.0	15.3	53.3	30.3	86	679
TOT	0	7	68	685	1374	556	93	2670

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	93	TOT	W	W8
	76	80	84	88	92	96	FOG	FOG	FOG
14/16	.0	.0	.0	.0	.1	.0	5	.0	.1
11/13	.0	.0	.2	.1	.0	.0	1	.0	.3
9/10	.0	.0	.3	.4	.1	.0	29	.0	.8
7/8	.0	.0	.5	1.1	.6	.1	80	.0	2.3
6	.0	.0	.3	.4	.3	.0	36	.0	1.0
5	.0	.0	.0	1.1	.5	.0	105	.0	3.0
4	.0	.3	2.0	1.8	.3	.0	157	.0	4.5
3	.0	.1	1.4	1.8	.2	.0	123	.0	3.5
2	.0	.7	6.8	2.1	.1	.0	340	.0	9.8
1	.0	.6	4.1	2.0	.0	.0	235	.0	6.7
0	.2	1.2	17.2	1.7	.0	.0	706	.0	20.2
-1	.0	1.0	7.9	.7	.0	.0	338	.0	9.6
-2	.2	2.7	11.1	.1	.0	.0	492	.0	14.1
-3	.1	1.4	4.1	.3	.0	.0	205	.0	5.3
-4	.3	3.0	4.1	.1	.0	.0	250	.0	7.4
-5	.3	1.7	1.6	.0	.0	.0	127	.0	3.6
-6	.1	2.1	.7	.0	.0	.0	100	.0	2.9
-7/-8	.3	1.7	.9	.0	.0	.0	101	.0	2.9
-9/-10	.2	.4	.2	.0	.0	.0	26	.0	.7
-11/-13	.1	.2	.0	.0	.0	.0	10	.0	.3
TOTAL							3482		
PCT	1.7	17.2	64.6	14.0	2.3	.1	100.0	.1	99.8

PERIOD: (OVER-ALL) 1963-1971

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TABLE 18

AREA 0004 SAIGON
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PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	51.0
11	1	2				0	1	2				0	
12	2	3				0	2	3				0	
13	3	4	1			0	3	4	1			0	
14	4	5	2			0	4	5	2			0	
15	5	6	3			0	5	6	3			0	
16	6	7	4			0	6	7	4			0	
17	7	8	5			0	7	8	5			0	
18	8	9	6			0	8	9	6			0	
19	9	10	7			0	9	10	7			0	
20	10	11	8			0	10	11	8			0	
21	11	12	9			0	11	12	9			0	
22	12	13	10			0	12	13	10			0	
23	13	14	11			0	13	14	11			0	
24	14	15	12			0	14	15	12			0	
25	15	16	13			0	15	16	13			0	
26	16	17	14			0	16	17	14			0	
27	17	18	15			0	17	18	15			0	
28	18	19	16			0	18	19	16			0	
29	19	20	17			0	19	20	17			0	
30	20	21	18			0	20	21	18			0	
31	21	22	19			0	21	22	19			0	
32	22	23	20			0	22	23	20			0	
33	23	24	21			0	23	24	21			0	
34	24	25	22			0	24	25	22			0	
35	25	26	23			0	25	26	23			0	
36	26	27	24			0	26	27	24			0	
37	27	28	25			0	27	28	25			0	
38	28	29	26			0	28	29	26			0	
39	29	30	27			0	29	30	27			0	
40	30	31	28			0	30	31	28			0	
41	31	32	29			0	31	32	29			0	
42	32	33	30			0	32	33	30			0	
43	33	34	31			0	33	34	31			0	
44	34	35	32			0	34	35	32			0	
45	35	36	33			0	35	36	33			0	
46	36	37	34			0	36	37	34			0	
47	37	38	35			0	37	38	35			0	
48	38	39	36			0	38	39	36			0	
49	39	40	37			0	39	40	37			0	
50	40	41	38			0	40	41	38			0	
51	41	42	39			0	41	42	39			0	
52	42	43	40			0	42	43	40			0	
53	43	44	41			0	43	44	41			0	
54	44	45	42			0	44	45	42			0	
55	45	46	43			0	45	46	43			0	
56	46	47	44			0	46	47	44			0	
57	47	48	45			0	47	48	45			0	
58	48	49	46			0	48	49	46			0	
59	49	50	47			0	49	50	47			0	
60	50	51	48			0	50	51	48			0	
61	51	52	49			0	51	52	49			0	
62	52	53	50			0	52	53	50			0	
63	53	54	51			0	53	54	51			0	
64	54	55	52			0	54	55	52			0	
65	55	56	53			0	55	56	53			0	
66	56	57	54			0	56	57	54			0	
67	57	58	55			0	57	58	55			0	
68	58	59	56			0	58	59	56			0	
69	59	60	57			0	59	60	57			0	
70	60	61	58			0	60	61	58			0	
71	61	62	59			0	61	62	59			0	
72	62	63	60			0	62	63	60			0	
73	63	64	61			0	63	64	61			0	
74	64	65	62			0	64	65	62			0	
75	65	66	63			0	65	66	63			0	
76	66	67	64			0	66	67	64			0	
77	67	68	65			0	67	68	65			0	
78	68	69	66			0	68	69	66			0	
79	69	70	67			0	69	70	67			0	
80	70	71	68			0	70	71	68			0	
81	71	72	69			0	71	72	69			0	
82	72	73	70			0	72	73	70			0	
83	73	74	71			0	73	74	71			0	
84	74	75	72			0	74	75	72			0	
85	75	76	73			0	75	76	73			0	
86	76	77	74			0	76	77	74			0	
87	77	78	75			0	77	78	75			0	
88	78	79	76			0	78	79	76			0	
89	79	80	77			0	79	80	77			0	
90	80	81	78			0	80	81	78			0	
91	81	82	79			0	81	82	79			0	
92	82	83	80			0	82	83	80			0	
93	83	84	81			0	83	84	81			0	
94	84	85	82			0	84	85	82			0	
95	85	86	83			0	85	86	83			0	
96	86	87	84			0	86	87	84			0	
97	87	88	85			0	87	88	85			0	
98	88	89	86			0	88	89	86			0	
99	89	90	87			0	89	90	87			0	
100	90	91	88			0	90	91	88			0	
TOT PCT	.4	3.6	2.1	.0	.0	.0	.4	6.1	25.9	2.8	.0	.0	51.0

HGT	M					NM					PCT	
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33		34-47
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7-8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29-30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35-36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37-38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43-44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45-46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51-52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53-54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55-56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57-58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63-64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65-66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67-68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73-74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75-76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77-78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79-80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.1	9.9	19.4	3.1	.0	.0	.3	2.6	1.6	.1	.0	.0

PERIOD: (OVER-ALL) 1963-1971

AUGUST

AREA 0004 SAIGON
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TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT 005
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	2.2	6.1	.6	.0	.0	.0	8.9	
1-2	1.0	26.3	24.2	.0	.0	.0	51.5	
3-4	.3	7.9	17.8	3.2	.0	.0	28.2	
5-6	.0	.9	4.9	1.2	.1	.0	7.0	
7	.0	.1	1.4	.7	.0	.0	2.1	
8-9	.0	.0	.2	.4	.0	.0	.6	
10-11	.0	.0	.0	.3	.0	.0	.3	
12	.0	.0	.1	.2	.0	.0	.2	
13-16	.0	.0	.1	.1	.0	.0	.2	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	3.5	41.2	49.2	6.0	.1	.0	3.0	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																			TOTAL	MEAN HGT
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+		
<1	3.1	34.4	26.7	4.6	1.7	.1	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1581	
6-7	.0	3.4	3.2	3.9	1.6	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	294	
8-9	.0	1.1	.8	.7	1.0	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	94	
10-11	.0	.6	.5	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	34	
12-13	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	
INDEX	3.8	3.8	1.1	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	219	
TOTAL	154	962	724	225	104	26	18	9	5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2227	
PCT	6.9	43.2	32.5	10.1	4.7	1.2	.8	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

SEPTEMBER

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1957-1971

AREA 0004 SAIGON 9.4N 107.4E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHWR	RAIN SHWR	DRZL PCPN	PRECIPITATION TYPE				MAIL PCPN	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL 00S
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SHRKE PCPN	DUST PCPN	BLWD PCPN	BLWD PCPN	SIG WEA	
N	.2	.2	.9	.0	.0	.0	.0	.0	.3		.1	.0	.0	.0	.0	.0	.0	2.2
NE	.1	.1	.7	.0	.0	.0	.0	.0	.2		.1	.0	.0	.0	.0	.0	.0	2.6
E	.1	.1	.1	.0	.0	.0	.0	.0	.2		.1	.0	.0	.0	.0	.0	.0	2.7
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0		.1	.0	.0	.0	.0	.0	.0	1.8
S	.2	.2	.0	.0	.0	.0	.0	.0	.2		.3	.0	.0	.0	.0	.0	.0	5.8
SW	.3	.3	.4	.0	.0	.0	.0	.0	2.6		1.0	.0	.0	.0	.0	.0	.0	37.7
W	1.6	.9	.3	.0	.0	.0	.0	.0	2.6		.7	.0	.0	.0	.0	.0	.0	30.7
NW	.3	.2	.1	.0	.0	.0	.0	.0	.7		.1	.0	.0	.0	.0	.0	.0	5.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	1.1
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.1		.1	.0	.0	.0	.0	.0	.0	1.1
TOT 00S	135	74	32	.0	.0	.0	.0	.0	.1	240	.0	.0	.0	.0	.0	.0	.0	3087
TOT PCT	3.9	2.2	.9	.0	.0	.0	.0	.0	7.0		2.4	.1	.2	.1	.1	.1	.1	90.3

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHWR	RAIN SHWR	DRZL PCPN	PRECIPITATION TYPE				MAIL PCPN	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL 00S	
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SHRKE PCPN	DUST PCPN	BLWD PCPN		BLWD PCPN
0000	2.8	2.1	.9	.0	.0	.0	.0	.0	5.0		.1	.0	.0	.0	.0	.0	93.3
0600	4.1	2.4	.7	.0	.0	.0	.0	.0	7.2		.0	.1	.0	.0	.0	.0	92.7
1200	4.1	1.8	1.3	.0	.0	.0	.0	.0	7.3		5.4	.0	.0	.0	.0	.0	87.1
1800	4.0	2.3	.8	.0	.0	.0	.0	.0	7.8	241	3.8	.1	.1	.0	.0	.0	88.4
TOT	136	74	32	.0	.0	.0	.0	.0	.1	241	.0	.0	.0	.0	.0	.0	3095
PCT	4.0	2.2	.9	.0	.0	.0	.0	.0	7.0		2.4	.1	.2	.1	.1	.1	90.3

SEPTEMBER

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1957-1971

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TABLE 2

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)									
	0-3	4-10	11-21	22-33	34-47					00	03	06	09	12	15	18	21		
N	.5	1.9	.6	.1	.0	.0	.0	2.6	7.8	4.7	.8	2.5	1.7	2.2	1.0	2.6	2.3		
NE	.3	1.7	1.0	.1	.0	.0	.0	3.0	9.1	3.2	.8	4.3	2.1	3.1	1.7	2.7	2.0		
E	.2	1.7	.8	.1	.0	.0	.0	2.8	8.6	2.3	1.3	4.4	2.4	3.5	.9	3.1	1.2		
SE	.4	1.9	.4	.2	.0	.0	.0	2.1	7.0	1.4	1.3	2.6	2.5	2.2	1.0	2.4	1.4		
S	.6	4.1	.7	.2	.0	.0	.0	5.5	9.0	4.4	3.3	5.5	3.7	5.3	7.1	5.9	6.0		
SW	1.2	16.7	18.5	2.6	.1	.0	.0	41.7	12.0	30.9	47.4	38.5	31.9	45.8	48.0	39.1	40.7		
W	1.0	13.0	16.2	2.7	.1	.0	.0	33.1	12.5	35.5	35.4	32.9	26.3	28.6	35.2	35.7	36.8		
NW	.5	3.1	2.0	.3	.0	.0	.0	5.5	10.1	7.9	7.0	6.3	2.0	4.8	5.0	5.2	6.5		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	2.3	10.42	17.00	25.0	12	.0	4098	2.3	11.2	1.7	2.1	2.5	1.4	2.6	.5	3.3	2.4		
TOT OBS	294	1700	250	6.1	.3	.0		100.0		701	192	841	278	815	201	784	286		
TOT PCT	7.2	44.9	21.5							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)								
	0-6	7-16	17-27	28-40												00	03	06	09	12	15	18	21
N	1.4	1.1	.1	#									2.6	7.6	3.0	2.3	2.0	2.5					
NE	1.1	1.7	.2	#									3.0	9.1	2.7	2.8	2.8	2.5					
E	1.0	1.5	.3	#									2.8	9.6	2.7	2.7	2.9	2.7					
SE	1.2	.7	.1	.0									2.1	7.0	1.3	2.5	2.0	2.1					
S	2.4	3.4	.6	#									6.5	9.0	4.3	6.5	8.8	5.9					
SW	6.9	26.2	8.1	.5									41.7	12.0	40.8	41.8	44.6	39.6					
W	4.7	20.9	6.9	.6									33.1	12.5	35.5	31.3	29.9	36.0					
NW	1.8	3.4	.7	.1									5.9	10.1	7.7	5.8	4.8	5.6					
VAR	.0	.0	.0	.0									.0	.0	.0	.0	.0	.0					
CALM	2.3	24.1	6.95	.51									2.3	11.2	1.8	2.2	2.1	3.1					
TOT OBS	941	2411	695	51	.0		4098	100.0							893	1119	1016	1070					
TOT PCT	23.0	58.8	17.0	1.2	.0										100.0	100.0	100.0	100.0					

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PERIOD: (PRIMARY) 1955-1971
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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	WIND SPEED (KNOTS)				48+	MEAN	PCT	TOTAL
		1-3	4-10	11-21	22-33	34-47			
00403	1.8	7.4	45.2	38.6	6.0	.1	.0	10.9	100.0
08409	2.2	5.3	42.4	42.8	6.8	.5	.0	11.5	100.0
16415	2.1	5.0	44.6	44.1	6.1	.2	.0	11.7	100.0
18421	5.1	4.1	47.8	40.0	4.8	.3	.0	10.8	100.0
TOT	95	199	1842	1700	250	12	.0	11.2	100.0
PCT	2.3	4.9	44.9	41.5	6.1	.3	.0		

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION									
WIND DIR	0-2	3-4	5-7	8 & 9-10	TOTAL CLOUD COVER	MEAN CLOUD COVER	TOTAL CLOUD COVER	TOTAL CLOUD COVER	TOTAL CLOUD COVER
M	.1	.5	1.2	.3	6.0	6.0			
NE	.7	.7	1.4	.4	4.7	4.7			
E	.7	.7	1.2	.6	4.7	4.7			
SE	.2	.7	.9	.4	5.1	5.1			
S	1.4	1.1	2.2	1.4	5.0	5.0			
SW	4.9	5.9	17.9	11.0	5.6	5.6			
W	3.3	4.2	14.1	13.1	6.0	6.0			
NW	.3	.5	2.3	2.7	6.5	6.5			
VAR	.0	.0	.0	.0	.0	.0			
CALM	.2	.8	.8	.2	4.8	4.8			
TOT CLOUD	30.4	39.1	108.9	78.9	257.1	257.1			
TOT PCT	11.8	15.2	42.3	30.6	100.0	100.0			

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH >400) AND OCCURRENCE OF MH <500 BY WIND DIRECTION													
WIND DIR	0-2	3-4	5-7	8 & 9-10	TOTAL CLOUD COVER	MEAN CLOUD COVER	TOTAL CLOUD COVER	TOTAL CLOUD COVER	TOTAL CLOUD COVER	TOTAL CLOUD COVER	TOTAL CLOUD COVER	TOTAL CLOUD COVER	TOTAL CLOUD COVER
M	.1	.5	1.2	.3	6.0	6.0							
NE	.7	.7	1.4	.4	4.7	4.7							
E	.7	.7	1.2	.6	4.7	4.7							
SE	.2	.7	.9	.4	5.1	5.1							
S	1.4	1.1	2.2	1.4	5.0	5.0							
SW	4.9	5.9	17.9	11.0	5.6	5.6							
W	3.3	4.2	14.1	13.1	6.0	6.0							
NW	.3	.5	2.3	2.7	6.5	6.5							
VAR	.0	.0	.0	.0	.0	.0							
CALM	.2	.8	.8	.2	4.8	4.8							
TOT CLOUD	30.4	39.1	108.9	78.9	257.1	257.1							
TOT PCT	11.8	15.2	42.3	30.6	100.0	100.0							

PERIOD: (PRIMARY) 1935-1971;
(OVER-ALL) 1957-1971

SEPTEMBER

AREA 0004 SAIGON
9.4N 107.4E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NM >4/8) AND VSBY (NM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	VSBY (NM) = OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	2.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6
= OR >5000	3.2	3.6	3.6	3.6	3.6	3.6	3.6	3.6
= OR >3500	4.5	4.8	4.8	4.8	4.8	4.8	4.8	4.8
= OR >2000	10.9	21.0	21.0	21.0	21.1	21.1	21.1	21.1
= OR >1000	33.7	40.0	40.5	40.5	40.6	40.6	40.6	40.6
= OR >800	35.1	42.1	43.0	43.2	43.2	43.2	43.2	43.2
= OR >700	35.7	43.1	44.1	44.3	44.4	44.5	44.5	44.5
= OR >600	35.8	43.3	44.3	44.5	44.6	44.7	44.7	44.7
= OR >500	35.9	43.5	44.5	44.6	45.0	45.0	45.0	45.0
= OR >400	36.4	43.9	45.0	45.0	45.0	45.0	45.0	45.0
TOTAL	924	1119	1146	1155	1158	1159	1159	1159

TOTAL NUMBER OF OBS: 2575

PCT FREQ NM <5/8: 55.0

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD OBS	TOTAL
3.0	9.1	20.8	12.4	9.3	8.9	13.8	6.9	15.3	.3	2665	

PERIOD: (PRIMARY) 1925-1971
(OVER-ALL) 1857-1971

SEPTEMBER

AREA 0004 SAISON
9.4N 107.4E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
PCP	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1
PCP	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.4
NO PCP	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2
TOT %	.0	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.6
PCP	.0	.0	.1	.0	.1	.1	.4	.1	.0	.0	.0	.8
NO PCP	.0	.0	.0	.0	.0	.2	.4	.1	.0	.0	.0	.7
TOT %	.0	.0	.1	.0	.1	.4	.8	.2	.0	.0	.0	1.5
PCP	.2	.1	.1	.0	.0	1.3	1.3	.3	.0	.0	.0	3.4
NO PCP	.2	.5	.3	.2	.8	5.4	4.1	.8	.0	.1	.1	12.5
TOT %	.4	.6	.4	.3	.8	6.6	5.4	1.1	.0	.1	.1	15.9
PCP	.1	.1	.1	.0	.1	1.0	.7	.2	.0	.1	.1	2.3
NO PCP	2.1	2.2	2.4	1.6	5.0	33.0	26.8	4.6	.0	1.7	79.4	
TOT %	2.2	2.3	2.5	1.6	5.1	34.0	27.5	4.8	.0	1.7	81.0	
TOT OBS	2.6	2.9	3.0	1.9	6.0	41.4	34.2	6.2	.0	1.8	100.0	3414

PERIOD: (PRIMARY, 1935-1971
(OVER-ALL, 1957-1971

SEPTEMBER

AREA 0004 SAIGON
9.4N 107.4E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2 <1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1 <2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2 <5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5 <10	0-3	.1	.1	.1	.1	.1	.1	.2	.1	.0	.1	.0
	4-10	.2	.4	.3	.2	.5	.2	2.1	.7	.0	.0	.7
	11-21	.2	.1	.1	.1	.2	3.1	2.6	.4	.0	.0	.7
	22+	.0	.0	.0	.0	.0	.6	.5	.0	.0	.0	.7
	TOT M	.4	.6	.4	.3	.8	6.6	5.4	1.2	.0	.1	15.6
10+	0-3	.5	.2	.2	.3	.4	1.1	.0	.3	.0	2.0	5.7
	4-10	1.2	1.1	1.4	1.1	3.4	15.4	10.4	2.4	.0	.0	36.4
	11-21	.4	.3	.8	.3	1.4	15.3	13.2	1.6	.0	.0	34.1
	22+	.0	.0	.1	.1	.1	2.0	2.0	.2	.0	.0	4.6
	TOT M	2.1	2.2	2.5	1.8	5.3	33.8	26.5	4.6	.0	2.0	80.7
TOT OBS		2.6	2.8	3.0	2.1	6.3	41.5	33.5	6.0	.0	2.1	100.0
TOT PCT												3726

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1957-1971

SEPTEMBER

AREA 0004 SAIGON 9.4N 107.4E

TABLE 10
PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MH >470) AND
OCCURRENCE OF MH <570 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	8000+	TOTAL	MH <570 ANY HGT	TOTAL OBS
00003	.3	.3	1.1	1.9	10.7	17.2	2.2	.9	1.7	.5	44.9	55.1
06009	.3	.3	1.5	2.8	10.1	10.7	1.5	.9	.9	.6	45.6	54.4
12015	.4	.0	.7	2.5	20.2	14.4	.7	1.2	2.1	.7	43.0	57.0
18021	.3	.2	1.8	3.2	19.8	13.6	.5	1.0	1.8	1.9	43.9	56.1
TOT	9	5	33	68	503	419	32	26	42	24	1161	1457
PCT	.3	.2	1.3	2.6	19.2	16.0	1.2	1.0	1.6	.9	44.3	55.7

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL OBS
00003	.0	.2	.3	1.1	11.3	87.1	622
06009	.0	.0	.3	.9	10.0	88.4	662
12015	.1	.3	.3	1.2	14.5	83.5	673
18021	.0	.0	.3	1.8	17.6	80.4	521
TOT	1	3	11	32	343	2188	2578
PCT	.1	.4	1.2	13.3	84.9	100.0	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET-MH >470) BY HOUR

HOUR (GMT)	<150 <5070	<1600 <1	<1000 <5	1000+ AND 5+	MH <570 AND 5+	TOTAL OBS
00003	.3	1.9	4.5	41.3	54.2	622
06009	.3	2.0	5.3	41.4	53.3	662
12015	.7	1.5	5.1	38.8	56.2	673
18021	.5	2.4	6.9	38.2	54.9	621
TOT	12	50	140	1029	1409	2578
PCT	.5	1.9	5.4	39.9	54.7	100.0

SEPTEMBER

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1857-1971

AREA 0004 SAIGON
9.4N 107.4E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
95/99	.0	.0	.0	.0	.1	.1	.1	.0			5	2
90/92	.0	.0	.0	.0	.7	.5	.4	.0			43	1.7
85/89	.0	.0	.0	.2	1.1	9.0	3.1	.8			362	14.1
80/84	.0	.0	.0	.0	.7	16.0	44.3	13.7			1915	74.7
75/79	.0	.0	.0	.0	.0	.1	2.7	6.4			237	9.2
70/74	.0	.0	.0	.0	.0	.0	.0	.0			1	.0
TOTAL	.0	.0	.0	.0	6	60	659	1294	536		2563	100.0
PCT	.0	.0	.0	.2	2.7	25.7	50.5	20.9				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
N	NE	E	SE	S	SW	W	WW	VAR	CALM
.0	.0	.0	.0	.0	.1	.0	.0	.0	.1
.1	.1	.1	.1	.2	.4	.5	.1	.0	.1
.3	.9	.6	.6	1.3	5.7	3.6	.5	.0	.3
2.1	2.1	2.2	1.2	4.1	30.3	26.9	4.5	.0	1.2
.2	.2	.2	.1	.3	3.2	3.6	1.0	.0	.2
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2.8	3.2	3.2	2.0	6.0	39.9	34.8	6.3	.0	1.8

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR									
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00403	94	88	86	82	78	77	74	81.9	690
05409	98	93	90	84	79	77	75	83.8	1107
12415	90	88	85	82	79	76	73	81.9	1013
18421	88	85	84	81	78	76	74	81.2	1068
TOT	98	90	87	82	78	76	73	82.2	4078

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR								
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00403	.0	.0	.8	19.7	53.6	25.8	.85	593
06409	.0	.6	6.8	45.1	37.7	9.8	.80	645
12415	.0	.1	2.2	22.1	54.3	21.2	.84	679
18421	.0	.2	.6	16.0	56.0	27.2	.86	655
TOT	0	6	68	663	1297	538	.83	2572

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1957-1971

SEPTEMBER

AREA 0004 SAIGON
9.4N 107.4E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	93	TOT	M	W	U8
	76	80	84	88	92	96	FPG	FPG	FPG	FPG
11-13	.0	.0	.2	.1	.2	.1	21	.0	.0	.6
9-10	.0	.0	.2	.2	.2	.1	22	.0	.0	.7
7-8	.0	.2	.4	.4	.5	.5	51	.0	.0	1.6
6	.1	.2	.2	.6	.4	.5	49	.0	.0	1.3
5	.2	.2	1.0	.9	.5	.5	65	.0	.0	2.6
4	.2	.1	2.1	1.7	.2	.0	137	.0	.0	4.2
3	.2	.2	1.7	1.5	.2	.0	113	.0	.0	3.4
2	.2	.2	1.7	1.5	.2	.0	113	.0	.0	3.4
1	.0	.5	4.5	1.4	.1	.0	212	.0	.0	6.5
0	.1	1.1	15.6	1.2	.0	.0	589	.0	.0	18.0
-1	.0	1.3	8.2	1.0	.0	.0	344	.0	.0	10.5
-2	.0	3.5	10.7	.5	.0	.0	462	.0	.0	14.7
-3	.0	1.6	5.1	.2	.0	.0	226	.0	.0	6.9
-4	.2	3.2	4.5	.1	.0	.0	265	.0	.0	8.1
-5	.1	1.9	2.8	.1	.0	.0	158	.0	.0	4.8
-6	.2	2.0	.5	.0	.0	.0	80	.0	.0	2.4
-7/-8	.2	2.0	.5	.0	.0	.0	88	.0	.0	2.7
-9/-10	.2	.6	.1	.0	.0	.0	27	.0	.0	.8
-11/-13	.1	.1	.2	.0	.0	.0	6	.0	.0	.2
TOTAL							3276			
PCT	.9	19.0	65.0	12.5	2.1	.3	100.0			99.9

PERIOD: (OVER-ALL) 1963-1971 SEPTEMBER AREA 0004 SAIGON 9.4M 107.4E
TABLE 10

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	M										NE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	
1	.2	.6	.0	.0	.0	.0	.8	.2	.5	.1	.0	.0	.0	.8	.2	.5	.1	.0	.0	.0	.8
2	.2	.6	.2	.0	.0	.0	1.0	.2	.5	.6	.0	.0	.0	1.4	.2	.5	.7	.0	.0	.0	1.4
3-4	.0	.2	.4	.1	.0	.0	.7	.0	.3	.7	.0	.0	.0	1.0	.0	.3	.7	.0	.0	.0	1.0
5-6	.0	.0	.1	.0	.0	.0	.1	.0	.1	.2	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.2
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.4	1.4	.7	.1	.0	.0	2.6	.2	1.5	1.3	.1	.0	.0	3.6	.2	1.5	1.3	.1	.0	.0	3.6

HGT	E										SE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	
1	.1	.5	.0	.0	.0	.0	.6	.2	.5	.0	.0	.0	.0	.6	.2	.5	.0	.0	.0	.0	.6
2	.1	1.1	.7	.0	.0	.0	1.9	.2	.5	.3	.0	.0	.0	.8	.2	.5	.3	.0	.0	.0	.8
3-4	.0	.3	.4	.0	.0	.0	.6	.0	.3	.3	.0	.0	.0	.3	.0	.3	.3	.0	.0	.0	.3
5-6	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.1	1.9	1.2	.0	.0	.0	3.2	.2	1.1	.5	.0	.0	.0	1.9	.2	1.1	.5	.0	.0	.0	1.9

AREA 0004 SAIGON 3.4M 107.4E

SEPTEMBER
TABLE 18

PERIOD: (OVER-ALL) 1963-1971

AREA 0004 SAIGON 3.4N 107.4E

3.4M 107.4E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

ROUT	1-2	1-3	1-4	1-5	1-6	1-7	1-8	1-9	1-10	1-11	1-12	1-13	1-14	1-15	1-16	1-17	1-18	1-19	1-20	1-21	1-22	1-23	1-24	1-25	1-26	1-27	1-28	1-29	1-30	1-31	1-32	1-33	1-34	1-35	1-36	1-37	1-38	1-39	1-40	1-41	1-42	1-43	1-44	1-45	1-46	1-47	1-48	1-49	1-50	1-51	1-52	1-53	1-54	1-55	1-56	1-57	1-58	1-59	1-60	1-61	1-62	1-63	1-64	1-65	1-66	1-67	1-68	1-69	1-70	1-71	1-72	1-73	1-74	1-75	1-76	1-77	1-78	1-79	1-80	1-81	1-82	1-83	1-84	1-85	1-86	1-87	1-88	1-89	1-90	1-91	1-92	1-93	1-94	1-95	1-96	1-97	1-98	1-99	1-100	1-101	1-102	1-103	1-104	1-105	1-106	1-107	1-108	1-109	1-110	1-111	1-112	1-113	1-114	1-115	1-116	1-117	1-118	1-119	1-120	1-121	1-122	1-123	1-124	1-125	1-126	1-127	1-128	1-129	1-130	1-131	1-132	1-133	1-134	1-135	1-136	1-137	1-138	1-139	1-140	1-141	1-142	1-143	1-144	1-145	1-146	1-147	1-148	1-149	1-150	1-151	1-152	1-153	1-154	1-155	1-156	1-157	1-158	1-159	1-160	1-161	1-162	1-163	1-164	1-165	1-166	1-167	1-168	1-169	1-170	1-171	1-172	1-173	1-174	1-175	1-176	1-177	1-178	1-179	1-180	1-181	1-182	1-183	1-184	1-185	1-186	1-187	1-188	1-189	1-190	1-191	1-192	1-193	1-194	1-195	1-196	1-197	1-198	1-199	1-200	1-201	1-202	1-203	1-204	1-205	1-206	1-207	1-208	1-209	1-210	1-211	1-212	1-213	1-214	1-215	1-216	1-217	1-218	1-219	1-220	1-221	1-222	1-223	1-224	1-225	1-226	1-227	1-228	1-229	1-230	1-231	1-232	1-233	1-234	1-235	1-236	1-237	1-238	1-239	1-240	1-241	1-242	1-243	1-244	1-245	1-246	1-247	1-248	1-249	1-250	1-251	1-252	1-253	1-254	1-255	1-256	1-257	1-258	1-259	1-260	1-261	1-262	1-263	1-264	1-265	1-266	1-267	1-268	1-269	1-270	1-271	1-272	1-273	1-274	1-275	1-276	1-277	1-278	1-279	1-280	1-281	1-282	1-283	1-284	1-285	1-286	1-287	1-288	1-289	1-290	1-291	1-292	1-293	1-294	1-295	1-296	1-297	1-298	1-299	1-300	1-301	1-302	1-303	1-304	1-305	1-306	1-307	1-308	1-309	1-310	1-311	1-312	1-313	1-314	1-315	1-316	1-317	1-318	1-319	1-320	1-321	1-322	1-323	1-324	1-325	1-326	1-327	1-328	1-329	1-330	1-331	1-332	1-333	1-334	1-335	1-336	1-337	1-338	1-339	1-340	1-341	1-342	1-343	1-344	1-345	1-346	1-347	1-348	1-349	1-350	1-351	1-352	1-353	1-354	1-355	1-356	1-357	1-358	1-359	1-360	1-361	1-362	1-363	1-364	1-365	1-366	1-367	1-368	1-369	1-370	1-371	1-372	1-373	1-374	1-375	1-376	1-377	1-378	1-379	1-380	1-381	1-382	1-383	1-384	1-385	1-386	1-387	1-388	1-389	1-390	1-391	1-392	1-393	1-394	1-395	1-396	1-397	1-398	1-399	1-400	1-401	1-402	1-403	1-404	1-405	1-406	1-407	1-408	1-409	1-410	1-411	1-412	1-413	1-414	1-415	1-416	1-417	1-418	1-419	1-420	1-421	1-422	1-423	1-424	1-425	1-426	1-427	1-428	1-429	1-430	1-431	1-432	1-433	1-434	1-435	1-436	1-437	1-438	1-439	1-440	1-441	1-442	1-443	1-444	1-445	1-446	1-447	1-448	1-449	1-450	1-451	1-452	1-453	1-454	1-455	1-456	1-457	1-458	1-459	1-460	1-461	1-462	1-463	1-464	1-465	1-466	1-467	1-468	1-469	1-470	1-471	1-472	1-473	1-474	1-475	1-476	1-477	1-478	1-479	1-480	1-481	1-482	1-483	1-484	1-485	1-486	1-487	1-488	1-489	1-490	1-491	1-492	1-493	1-494	1-495	1-496	1-497	1-498	1-499	1-500	1-501	1-502	1-503	1-504	1-505	1-506	1-507	1-508	1-509	1-510	1-511	1-512	1-513	1-514	1-515	1-516	1-517	1-518	1-519	1-520	1-521	1-522	1-523	1-524	1-525	1-526	1-527	1-528	1-529	1-530	1-531	1-532	1-533	1-534	1-535	1-536	1-537	1-538	1-539	1-540	1-541	1-542	1-543	1-544	1-545	1-546	1-547	1-548	1-549	1-550	1-551	1-552	1-553	1-554	1-555	1-556	1-557	1-558	1-559	1-560	1-561	1-562	1-563	1-564	1-565	1-566	1-567	1-568	1-569	1-570	1-571	1-572	1-573	1-574	1-575	1-576	1-577	1-578	1-579	1-580	1-581	1-582	1-583	1-584	1-585	1-586	1-587	1-588	1-589	1-590	1-591	1-592	1-593	1-594	1-595	1-596	1-597	1-598	1-599	1-600	1-601	1-602	1-603	1-604	1-605	1-606	1-607	1-608	1-609	1-610	1-611	1-612	1-613	1-614	1-615	1-616	1-617	1-618	1-619	1-620	1-621	1-622	1-623	1-624	1-625	1-626	1-627	1-628	1-629	1-630	1-631	1-632	1-633	1-634	1-635	1-636	1-637	1-638	1-639	1-640	1-641	1-642	1-643	1-644	1-645	1-646	1-647	1-648	1-649	1-650	1-651	1-652	1-653	1-654	1-655	1-656	1-657	1-658	1-659	1-660	1-661	1-662	1-663	1-664	1-665	1-666	1-667	1-668	1-669	1-670	1-671	1-672	1-673	1-674	1-675	1-676	1-677	1-678	1-679	1-680	1-681	1-682	1-683	1-684	1-685	1-686	1-687	1-688	1-689	1-690	1-691	1-692	1-693	1-694	1-695	1-696	1-697	1-698	1-699	1-700	1-701	1-702	1-703	1-704	1-705	1-706	1-707	1-708	1-709	1-710	1-711	1-712	1-713	1-714	1-715	1-716	1-717	1-718	1-719	1-720	1-721	1-722	1-723	1-724	1-725	1-726	1-727	1-728	1-729	1-730	1-731	1-732	1-733	1-734	1-735	1-736	1-737	1-738	1-739	1-740	1-741	1-742	1-743	1-744	1-745	1-746	1-747	1-748	1-749	1-750	1-751	1-752	1-753	1-754	1-755	1-756	1-757	1-758	1-759	1-760	1-761	1-762	1-763	1-764	1-765	1-766	1-767	1-768	1-769	1-770	1-771	1-772	1-773	1-774	1-775	1-776	1-777	1-778	1-779	1-780	1-781	1-782	1-783	1-784	1-785	1-786	1-787	1-788	1-789	1-790	1-791	1-792	1-793	1-794	1-795	1-796	1-797	1-798	1-799	1-800	1-801	1-802	1-803	1-804	1-805	1-806	1-807	1-808	1-809	1-810	1-811	1-812	1-813	1-814	1-815	1-816	1-817	1-818	1-819	1-820	1-821	1-822	1-823	1-824	1-825	1-826	1-827	1-828	1-829	1-830	1-831	1-832	1-833	1-834	1-835	1-836	1-837	1-838	1-839	1-840	1-841	1-842	1-843	1-844	1-845	1-846	1-847	1-848	1-849	1-850	1-851	1-852	1-853	1-854	1-855	1-856	1-857	1-858	1-859	1-860	1-861	1-862	1-863	1-864	1-865	1-866	1-867	1-868	1-869	1-870	1-871	1-872	1-873	1-874	1-875	1-876	1-877	1-878	1-879	1-880	1-881	1-882	1-883	1-884	1-885	1-886	1-887	1-888	1-889	1-890	1-891	1-892	1-893	1-894	1-895	1-896	1-897	1-898	1-899	1-900	1-901	1-902	1-903	1-904	1-905	1-906	1-907	1-908	1-909	1-910	1-911	1-912	1-913	1-914	1-915	1-916	1-917	1-918	1-919	1-920	1-921	1-922	1-923	1-924	1-925	1-926	1-927	1-928	1-929	1-930	1-931	1-932	1-933	1-934	1-935	1-936	1-937	1-938	1-939	1-940	1-941	1-942	1-943	1-944	1-945	1-946	1-947	1-948	1-949	1-950	1-951	1-952	1-953	1-954	1-955	1-956	1-957	1-958	1-959	1-960	1-961	1-962	1-963	1-964	1-965	1-966	1-967	1-968	1-969	1-970	1-971	1-972	1-973	1-974	1-975	1-976	1-977	1-978	1-979	1-980	1-981	1-982	1-983	1-984	1-985	1-986	1-987	1-988	1-989	1-990	1-991	1-992	1-993	1-994	1-995	1-996	1-997	1-998	1-999	1-1000	1-1001	1-1002	1-1003	1-1004	1-1005	1-1006	1-1007	1-1008	1-1009	1-1010	1-1011	1-1012	1-1013	1-1014	1-1015	1-1016	1-1017	1-1018	1-1019	1-1020	1-1021	1-1022	1-1023	1-1024	1-1025	1-1026	1-1027	1-1028	1-1029	1-1030	1-1031	1-1032	1-1033	1-1034	1-1035	1-1036	1-1037	1-1038	1-1039	1-1040	1-1041	1-1042	1-1043	1-1044	1-1045	1-1046	1-1047	1-1048	1-1049	1-1050	1-1051	1-1052	1-1053	1-1054	1-1055	1-1056	1-1057	1-1058	1-1059	1-1060	1-1061	1-1062	1-1063	1-1064	1-1065	1-1066	1-1067	1-1068	1-1069	1-1070	1-1071	1-1072	1-1073	1-1074	1-1075	1-1076	1-1077	1-1078	1-1079	1-1080	1-1081	1-1082	1-1083	1-1084	1-1085	1-1086	1-1087	1-1088	1-1089	1-1090	1-1091	1-1092	1-1093	1-1094	1-1095	1-1096	1-1097	1-1098	1-1099	1-1100	1-1101	1-1102	1-1103	1-1104	1-1105	1-1106	1-1107	1-1108	1-1109	1-1110	1-1111	1-1112	1-1113	1-1114	1-1115	1-1116	1-1117	1-1118	1-1119	1-1120	1-1121	1-1122	1-1123	1-1124	1-1125	1-1126	1-1127	1-1128	1-1129	1-1130	1-1131	1-1132	1-1133	1-1134	1-1135	1-1136	1-1137	1-1138	1-1139	1-1140	1-1141	1-1142	1-1143	1-1144	1-1145	1-1146	1-1147	1-1148	1-1149	1-1150	1-1151	1-1152	1-1153	1-1154	1-1155	1-1156	1-1157	1-1158	1-1159	1-1160	1-1161	1-1162	1-1163	1-1164	1-1165	1-1166	1-1167	1-1168	1-1169	1-1170	1-1171	1-1172	1-1173	1-1174	1-1175	1-1176	1-1177	1-1178	1-1179	1-1180	1-1181	1-1182	1-1183	1-1184	1-1185	1-1186	1-1187	1-1188	1-1189	1-1190	1-1191	1-1192	1-1193	1-1194	1-1195	1-1196	1-1197	1-1198	1-1199	1-1200	1-1201	1-1202	1-1203	1-1204	1-1205	1-1206	1-1207	1-1208	1-1209	1-1210	1-1211	1-1212	1-1213	1-1214	1-1215	1-1216	1-1217	1-1218	1-1219	1-1220	1-1221	1-1222	1-1223	1-1224	1-1225	1-1226	1

[illegible]

SEPTEMBER

AREA 0004 SAIGON
9.4M 107.4E

PERIOD: (OVER-ALL) 1963-1971

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT 005
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
11	3.4	9.8	.7	.0	.0	.0	13.8	
1-2	1.2	25.1	22.3	.0	.0	.0	48.7	
3-4	.1	6.2	17.9	3.0	.0	.0	27.2	
5-6	.0	.5	4.6	1.4	.1	.0	6.5	
7	.0	.1	1.6	1.2	.0	.0	2.9	
8-9	.0	.0	.4	.2	.0	.0	.6	
10-11	.0	.0	.1	.1	.0	.0	.2	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.1	.0	.0	.0	.1	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	4.7	41.6	47.7	5.9	.1	.0	100.0	
							1722	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																			TOTAL	MEAN HGT	
	11	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+			
10	4.5	36.6	24.2	6.0	1.7	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1463	3
6-7	.5	1.9	4.6	2.6	1.3	.5	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	231	4
8-9	.0	.2	1.2	.2	.9	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	54	5
10-11	.0	.1	.4	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30	6
12-13	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	5
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
TOT	5.0	1.9	1.9	.4	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	204	1
TOTAL	215	808	646	190	88	24	12	3	2	1	0	0	0	0	0	0	0	0	0	0	1989	3
PCT	10.0	40.6	32.5	9.6	4.4	1.2	.6	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1935-1971
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TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				ORZL PCPN	FRZG PCPN	SNOW PCPN					FOG PCPN	SMOKE PCPN	HAZE PCPN	BLWG PCPN	
M	1.0	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	1.0	1.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	1.0	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	1.0	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	1.0	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	1.0	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	1.0	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	1.0	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VAR	1.0	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	1.0	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT OBS	166	52	65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT PCT	5.0	1.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				ORZL PCPN	FRZG PCPN	SNOW PCPN					FOG PCPN	SMOKE PCPN	HAZE PCPN	BLWG PCPN	
0000	5.8	1.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0600	3.6	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	5.9	1.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	4.6	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	167	54	65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PCT	4.9	1.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						
	0-3	4-10	11-21	22-33	34-47					00	03	06	09	12	15	18
N	1.0	4.1	2.0	1.4	.0	.0	7.4	9.3	9.7	10.3	7.5	7.1	4.9	6.0	7.3	4.6
NE	1.3	9.8	9.9	1.7	.1	.0	22.9	12.1	24.9	26.9	25.0	23.7	19.3	23.2	20.1	25.3
E	1.4	9.2	7.7	1.0	.0	.0	19.3	11.0	17.6	15.8	19.3	18.2	24.0	19.2	19.7	11.7
SE	1.0	4.9	.9	.7	.0	.0	6.9	7.0	5.6	4.9	6.7	6.3	9.4	6.0	7.7	3.6
S	1.1	3.2	.9	.7	.0	.0	5.1	6.8	3.9	4.9	4.7	8.4	5.8	4.3	5.2	4.4
SW	.9	8.1	3.9	.6	.1	.0	13.5	9.9	11.0	12.1	12.5	18.2	14.9	17.1	12.9	15.2
W	1.1	7.0	5.0	1.2	.1	.0	14.4	11.2	14.4	17.4	14.6	13.4	13.4	17.1	14.3	15.7
NW	.8	3.6	1.4	.2	.0	.0	6.0	8.9	7.6	6.7	4.3	3.5	4.5	5.4	7.9	9.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	4.4	2003	1268	209	13	.0	4010	9.9	5.5	1.1	5.2	2.2	3.7	1.6	4.9	6.5
TOT OBS	517	31.6	5.2	.3	.0	.0	100.0		727	184	822	272	783	184	776	262
TOT PCT	12.9	50.0							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ		MEAN SPD	HOUR (GMT)				
	0-6	7-16	17-27	28-40	41+		00	03		06	09	12	15	18
N	3.1	3.3	1.0	.1	.0	7.4	9.3	9.8	7.4	5.1	7.6			
NE	5.3	12.0	5.3	.3	.0	22.9	12.1	25.3	24.7	20.1	21.4			
E	4.8	10.9	5.4	.1	.0	19.3	11.0	17.2	19.0	23.1	17.7			
SE	3.7	3.0	.2	.0	.0	6.9	7.0	5.4	6.6	6.8	6.7			
S	2.8	2.2	.1	.0	.0	5.1	6.8	4.1	5.6	5.6	5.0			
SW	4.6	7.3	1.4	.2	.0	13.5	9.9	11.2	13.9	15.3	13.5			
W	4.0	7.6	2.7	.2	.0	14.4	11.2	15.0	14.1	14.1	14.7			
NW	2.4	3.0	.6	.1	.0	6.0	8.9	7.4	4.1	4.7	8.2			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CALM	4.4	1973	583	42	2	4010	9.9	4.6	4.5	3.3	5.3			
TOT OBS	1410	49.2	14.5	1.0	5			911	1094	967	1038			
TOT PCT	35.2					100.0		100.0	100.0	100.0	100.0			

PERIOD: (PRIMARY) 1935-1971
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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)			
HOUR	CALM	1-3	4-10
0000	4.6	11.2	48.7
0600	4.5	9.6	49.3
1200	3.3	5.8	50.6
1800	5.3	7.3	51.2
TOT	178	339	2003
PCT	4.4	8.5	50.0

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)			
WIND DIR	0-2	3-4	5-7
NE	3.3	1.0	3.3
E	3.7	4.6	9.0
SE	0.0	1.2	3.6
S	1.1	1.7	5.5
SW	0.9	1.8	5.8
W	0.4	0.0	0.0
VAR	0.0	0.0	0.0
TOT	298	424	1077
TOT PCT	12.1	17.2	43.6

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH > 478) AND OCCURRENCE OF MH < 5/8 BY WIND DIRECTION											
WIND DIR	000	149	150	299	300	300	599	600	600	1000	2000
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOT PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PERIOD: (PRIMARY) 1935-1971
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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NM > 4/8) AND VSBY (NM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	VSBY (NM) = OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50 YD	= OR > 0
= OR > 6500	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1
= OR > 5000	2.3	2.8	2.8	2.8	2.8	2.8	2.8	2.8
= OR > 3500	3.6	4.3	4.3	4.3	4.3	4.3	4.3	4.3
= OR > 2000	21.2	23.9	24.1	24.3	24.3	24.3	24.3	24.3
= OR > 1000	36.4	41.7	45.4	45.8	45.8	45.8	45.8	45.8
= OR > 600	39.4	48.8	49.7	50.1	50.1	50.1	50.2	50.2
= OR > 300	40.1	50.1	51.2	51.8	51.8	51.8	51.9	51.9
= OR > 150	40.3	50.3	51.5	52.0	52.0	52.1	52.1	52.1
= OR > 0	40.3	50.4	51.6	52.1	52.1	52.2	52.3	52.3
TOTAL	1003	1254	1284	1298	1298	1300	1301	1302

TOTAL NUMBER OF OBS: 2409

PCT FREQ NM (5/8): 47.7

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	TOTAL
0	6.1	15.7	12.3	11.6	9.6	14.8	8.9	18.4	.3
2.3									2595

PERIOD: (PRIMARY) 1935-1971
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TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARIOUS VALUES OF VISIBILITY

VIS (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT N	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
PCP	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT N	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
PCP	.0	.1	.1	.0	.0	.1	.2	.0	.0	.0	.5	
NO PCP	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	
TOT N	.0	.1	.1	.0	.0	.1	.2	.0	.0	.0	.7	
PCP	.1	.2	.2	.0	.0	.2	.2	.1	.0	.0	.9	
NO PCP	.1	.2	.1	.0	.1	.1	.1	.1	.0	.0	.7	
TOT N	.2	.4	.3	.0	.1	.3	.3	.2	.0	.0	1.7	
PCP	.2	.6	.2	.2	.1	.5	.7	.4	.0	.1	3.1	
NO PCP	1.2	3.5	2.7	1.0	.7	1.9	2.0	1.1	.0	.4	14.5	
TOT N	1.4	4.1	2.9	1.2	.8	2.3	2.7	1.5	.0	.5	17.6	
PCP	.3	.7	.7	.2	.3	.5	.3	.3	.0	.1	3.5	
NO PCP	5.4	17.5	16.2	5.1	3.7	9.7	10.3	4.3	.0	3.4	76.3	
TOT N	5.7	18.2	17.0	5.3	3.9	10.2	11.3	4.6	.0	3.5	80.8	
TOT OBS												3334
TOT PCT	7.3	22.8	20.6	6.6	4.9	13.1	14.4	6.3	.0	4.0	100.0	

PERIOD: (PRIMARY) 1935-1971
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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	M	ME	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5<10	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10+	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT OBS		7.3	22.9	20.3	6.9	5.1	13.1	14.2	6.2	.0	4.0	100.0	3617

PERIOD: (PRIMARY) 1925-1971
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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MH >4/8) AND
OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000	150	300	500	1000	2000	3500	5000	8000+	TOTAL	MH <5/8 ANY HGT	TOTAL
00603	.2	.0	1.9	3.6	20.1	19.3	1.4	1.2	1.4	.5	49.5	50.5
06609	.0	.6	1.4	4.9	22.2	22.6	1.9	.0	.8	.0	54.4	45.6
12615	.2	.5	1.6	4.6	20.5	19.1	1.1	.5	3.0	.5	51.6	48.4
18621	.5	.0	1.7	4.0	21.3	17.0	1.6	.8	1.4	.8	49.0	51.0
TOT	5	7	42	110	537	499	38	16	42	11	1306	1247
PCT	.2	.3	1.6	4.3	21.0	19.5	1.5	.6	1.6	.4	51.2	48.8
												100.0

TABLE 11

PERCENT FREQUENCY VSOT (MM) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL
00603	.0	.0	.6	1.4	15.2	82.8	633
06609	.3	.0	.5	1.3	11.5	86.4	619
12615	.2	.0	.5	1.9	16.4	81.0	627
18621	.2	.0	.8	1.1	18.2	79.7	615
TOT	4	0	15	36	382	2056	2493
PCT	.2	.0	.6	1.4	15.3	82.5	100.0

TABLE 12

CUMULATIVE PCT FWR OF RANGES OF VSOT (MM) AND/8R
CEILING HGT (FEET-MH >4/8) BY HOUR

HOUR (GMT)	<150	<500	<1000	1000+	MH <5/8 AND 5+	TOTAL
00603	.3	2.2	7.1	43.8	49.3	633
06609	.2	2.4	8.3	47.6	44.2	619
12615	.2	2.2	8.6	44.7	46.7	627
18621	.6	2.6	8.1	42.6	49.3	615
TOT	9	59	200	1112	1181	2493
PCT	.4	2.4	8.0	44.6	47.4	100.0

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PERIOD: (PRIMARY) 1935-1971
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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
95/99	.0	.0	.0	.0	.1	.3	.1	.0	.0	.0	12	.5
90/94	.0	.0	.0	.0	.2	1.2	1.0	.7	.0	.0	78	3.1
85/89	.0	.0	.0	.0	.0	1.7	6.3	3.5	1.4	.0	323	13.0
80/84	.0	.0	.0	.0	.0	.0	1.5	14.3	36.1	15.4	1728	69.4
75/79	.0	.0	.0	.0	.0	.0	.0	.8	3.9	9.3	350	14.0
70/74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0
TOTAL	.0	.0	.0	.0	.9	11.7	56.2	115.3	65.2	249.3	100.0	
PCT	.0	.0	.0	.0	.4	4.7	22.5	46.2	26.2			

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	NW	VAR	CALM	
.1	.5	.8	.2	.2	.0	.0	.0	.0	.1	
.3	2.9	2.9	1.5	.9	1.2	1.3	.1	.0	.4	
4.6	16.0	16.3	4.9	2.7	8.3	9.3	4.1	.0	2.7	
1.6	3.0	2.3	.6	.6	1.7	2.3	1.5	.0	.6	
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7.1	22.4	22.3	7.3	4.5	11.6	13.9	6.4	.0	4.4	

TABLE 15

MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL	
00403	97	90	86	82	77	75	72	81.5	885	
06409	97	95	91	83	78	75	72	83.8	913	
12415	96	87	83	82	77	75	72	81.6	1085	
18421	88	85	83	81	77	75	72	80.7	971	
TOT	97	92	87	82	77	75	72	81.9	4011	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-59	60-89	70-79	80-89	90-100	MEAN	TOTAL		
00403	.0	.3	2.7	17.6	49.4	29.9	85	885		
06409	.0	.8	12.9	35.3	35.8	19.2	80	619		
12415	.0	.2	2.5	24.5	46.9	26.0	84	606		
18421	.0	.2	1.1	13.9	52.5	32.3	86	646		
TOT	.0	.9	11.8	57.2	116.9	65.6	84	2524		

PERIOD: (PRIMARY) 1935-1971
(OVER-ALL) 1955-1971

OCTOBER

AREA 0004 SAIGON
9.4M 107.2E

TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	73	77	81	85	89	93	96	TOT	M	W8
	72	76	80	84	88	92			FOG	FOG	FOG
11/13	-0	-0	-0	-0	-0	-0	-0	-0	13	-0	-0
9/10	-0	-0	-0	-0	-0	-0	-0	-0	30	-0	-0
7/8	-0	-0	-0	-0	-0	-0	-0	-0	25	-0	-0
6	-0	-0	-0	-0	-0	-0	-0	-0	30	-0	-0
5	-0	-0	-0	-0	-0	-0	-0	-0	52	-0	-0
4	-0	-0	-0	-0	-0	-0	-0	-0	71	-0	-0
3	-0	-0	-0	-0	-0	-0	-0	-0	55	-0	-0
2	-0	-0	-0	-0	-0	-0	-0	-0	238	-0	-0
1	-0	-0	-0	-0	-0	-0	-0	-0	161	-0	-0
0	-0	-0	-0	-0	-0	-0	-0	-0	528	-0	-0
-1	-0	-0	-0	-0	-0	-0	-0	-0	285	-0	-0
-2	-0	-0	-0	-0	-0	-0	-0	-0	525	-0	-0
-3	-0	-0	-0	-0	-0	-0	-0	-0	255	-0	-0
-4	-0	-0	-0	-0	-0	-0	-0	-0	385	-0	-0
-5	-0	-0	-0	-0	-0	-0	-0	-0	221	-0	-0
-6	-0	-0	-0	-0	-0	-0	-0	-0	136	-0	-0
-7/-8	-1	-7	2.6	1.4	1.0	1.0	1.0	1.0	44	-0	-0
-9/-10	-0	-3	1.7	1.3	1.0	1.0	1.0	1.0	12	-0	-0
-11/-13	-0	1	1	1	1	1	1	1	2	-0	-0
-14/-16	-0	-0	-0	-0	-0	-0	-0	-0	2	-0	-0
TOTAL									3233		
PCT	.2	2	3	25.0	58.3	10.1	3.1	.9	100.0		99.9

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)												
WGT	M				NE				48+			
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47
1	.1	1.3	.0	.0	.0	.0	1.4	.3	2.3	.0	.0	.0
2	.3	2.6	.4	.0	.0	.0	3.3	.2	7.2	4.0	.0	.0
3	.0	.3	.0	.0	.0	.0	1.2	.0	1.6	.0	.0	.0
4	.0	.1	.2	.1	.0	.0	.3	.0	.1	1.6	.2	.1
5	.0	.1	.1	.0	.0	.0	.2	.0	.1	1.0	.3	.0
6	.0	.0	.1	.0	.0	.0	.1	.0	.1	.0	.2	.1
7	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
8	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
9	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
10	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
11	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
12	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
13	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
14	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
15	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
16	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
17	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
18	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
19	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
20	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
21	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
22	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
23	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
24	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
25	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
26	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
27	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
28	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
29	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
30	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
31	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
32	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
33	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
34	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
35	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
36	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
37	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
38	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
39	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
40	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
41	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
42	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
43	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
44	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
45	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
46	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
47	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
48	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
49	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
50	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
51	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
52	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
53	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
54	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
55	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
56	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
57	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
58	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
59	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
60	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
61	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
62	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
63	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
64	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
65	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
66	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
67	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
68	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
69	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
70	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
71	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
72	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
73	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
74	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
75	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
76	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
77	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
78	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
79	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
80	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
81	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
82	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
83	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
84	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
85	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
86	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
87	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
88	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
89	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
90	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
91	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
92	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
93	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
94	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
95	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
96	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
97	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
98	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
99	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
100	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0
TOT PCT	.5	4.3	1.7	.2	.0	.0	6.6	.5	11.5	11.3	1.4	.1
												24.8

PERIOD (OVER-ALL) 1963-1971

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	S					SM					48+					PCT					
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
41	.2	1.6	.1	.0	.0	.0	.9	.7	2.0	.0	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	2.7
1-2	.1	1.7	.4	.0	.0	.0	2.3	.4	3.5	1.6	.0	.0	.0	5.5	.0	.0	.0	.0	.0	.0	5.5
3-4	.1	1.1	.2	.0	.0	.0	.4	.0	1.3	1.7	.1	.0	.0	3.1	.0	.0	.0	.0	.0	.0	3.1
5-6	.0	.1	.1	.0	.0	.0	.3	.0	.1	.4	.1	.0	.0	.5	.0	.0	.0	.0	.0	.0	.5
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0	.3
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.4	2.6	.8	.0	.0	.0	3.8	1.0	6.9	3.8	.3	.0	.0	12.0	.0	.0	.0	.0	.0	.0	12.0

HGT	M					MM					48+					PCT					
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
41	.1	1.8	.1	.0	.0	.0	2.4	.4	1.1	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	1.5
1-2	.1	3.1	2.8	.0	.0	.0	6.0	.2	1.9	.0	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	3.0
3-4	.0	1.0	1.9	.6	.0	.0	3.5	.0	.1	.4	.1	.0	.0	.6	.0	.0	.0	.0	.0	.0	.6
5-6	.0	.1	.3	.1	.0	.0	.6	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
7	.0	.0	.2	.3	.0	.0	.6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.5	6.0	5.6	1.1	.0	.0	13.2	.7	3.2	1.5	.1	.0	.0	5.4	.0	.0	.0	.0	.0	.0	5.4

PERIOD: (OVER-ALL) 1953-1971

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TABLE 18 (CONT)

WIND SPEED (KTS) VS SEA HEIGHT (FT)								TOT OBS
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	
11	5.1	12.1	.4	.0	.0	.0	17.5	1493
1-2	2.1	29.6	14.9	.0	.0	.0	46.6	
3-4	.1	8.0	14.7	2.3	.0	.0	25.0	
5-6	.0	.7	4.4	.6	.1	.0	5.0	
7	.0	.3	2.5	1.3	.0	.0	4.1	
8-9	.0	.1	.1	.3	.1	.0	.5	
10-11	.0	.0	.1	.2	.0	.0	.3	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.1	.0	.0	.1	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-45	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	7.2	50.8	37.1	4.8	.1	.0	100.0	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																	TOTAL	MEAN WGT		
	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86			87+	
6	7.1	24.0	25.8	5.5	2.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1334	3
6-7	.0	1.5	2.8	2.8	2.1	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	170	5
8-9	.0	.2	.4	.4	.5	.5	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	40	6
10-11	.0	.1	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	7
12-13	.0	.0	.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	8
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
INDCT	4.0	2.4	2.4	.5	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	204	2
TOTAL	197	710	560	165	90	25	20	3	4	0	0	0	0	0	0	0	0	0	0	1774	3
PCT	11.1	40.0	31.6	9.3	5.1	1.4	1.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1934-1971
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TABLE 1

WIND DIR	RAIN	RAIN	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL 00S
				FRZG	SNOW	OTHER	PCPN					PCPN	FOG	SMOKE	DUST	BLWG	SIG	
N	.4	.3	.2	.0	.0	.0	.0	.0	.9		.1	.2	.0	.0	.1	.0	.0	
NE	1.1	.7	.4	.0	.0	.0	.0	.0	2.2		.6	.0	.0	.0	.1	.0	.0	9.7
E	.8	.3	.2	.0	.0	.0	.0	.0	1.3		.6	.0	.0	.0	.1	.0	.0	36.2
SE	.2	.1	.1	.0	.0	.0	.0	.0	.3		.1	.0	.0	.0	.0	.0	.0	27.2
S	.5	.1	.0	.0	.0	.0	.0	.0	.1		.1	.0	.0	.0	.0	.0	.0	5.4
SW	.2	.1	.1	.0	.0	.0	.0	.0	.3		.1	.0	.0	.0	.0	.0	.0	1.8
W	.2	.1	.1	.0	.0	.0	.0	.0	.3		.1	.0	.0	.0	.0	.0	.0	2.4
NW	.3	.0	.1	.0	.0	.0	.0	.0	.3		.1	.0	.0	.0	.0	.0	.0	2.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.3		.1	.0	.0	.0	.0	.0	.0	3.2
CALM	.4	.0	.1	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.1
TOT 00S	97	48	38	.0	.0	.0	.0	.0	.1	181	.49	.1	.0	.0	.0	.0	.0	2.8
TOT PCT	3.1	1.5	1.2	.0	.0	.0	.0	.0	5.8		1.6	.1	.0	.0	.1	.0	.0	3124

TABLE 2

WIND DIR	RAIN	RAIN	ORZL	PRECIPITATION TYPE				MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL 00S
				FRZG	SNOW	OTHER	PCPN					PCPN	FOG	SMOKE	DUST	BLWG	SIG	
N	.4	.3	.2	.0	.0	.0	.0	.0	.9		.1	.2	.0	.0	.1	.0	.0	
NE	1.1	.7	.4	.0	.0	.0	.0	.0	2.2		.6	.0	.0	.0	.1	.0	.0	9.7
E	.8	.3	.2	.0	.0	.0	.0	.0	1.3		.6	.0	.0	.0	.1	.0	.0	36.2
SE	.2	.1	.1	.0	.0	.0	.0	.0	.3		.1	.0	.0	.0	.0	.0	.0	27.2
S	.5	.1	.0	.0	.0	.0	.0	.0	.1		.1	.0	.0	.0	.0	.0	.0	5.4
SW	.2	.1	.1	.0	.0	.0	.0	.0	.3		.1	.0	.0	.0	.0	.0	.0	1.8
W	.2	.1	.1	.0	.0	.0	.0	.0	.3		.1	.0	.0	.0	.0	.0	.0	2.4
NW	.3	.0	.1	.0	.0	.0	.0	.0	.3		.1	.0	.0	.0	.0	.0	.0	2.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.3		.1	.0	.0	.0	.0	.0	.0	3.2
CALM	.4	.0	.1	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.1
TOT 00S	97	48	38	.0	.0	.0	.0	.0	.1	181	.49	.1	.0	.0	.0	.0	.0	2.8
TOT PCT	3.1	1.5	1.2	.0	.0	.0	.0	.0	5.8		1.6	.1	.0	.0	.1	.0	.0	3124

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TABLE 3
PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	0-3	4-10	11-21	22-31	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)											
										00	03	06	09	12	15	18	21				
N	.6	3.0	4.2	2.3	.5	.1	11.4	15.7		13.5	14.7	12.1	9.9	9.4	10.8	11.0	11.4				
NE	1.0	10.5	21.0	7.3	.7	.7	40.6	15.5		41.4	48.1	39.3	50.3	34.3	48.0	36.9	49.9				
E	1.2	10.1	13.8	3.0	.1	.1	28.2	13.2		25.8	21.9	27.5	22.9	33.7	25.4	31.8	22.2				
SE	.7	3.7	1.1	.1	.0	.0	5.5	8.4		4.0	5.6	6.4	4.5	7.0	3.9	5.4	4.8				
S	.5	1.3	.3	.1	.0	.0	2.2	7.0		1.5	.6	1.3	3.6	3.7	2.8	1.8	2.0				
SW	.4	2.0	.6	.1	.0	.0	3.0	8.2		2.1	1.1	3.1	4.6	4.0	2.0	3.0	2.2				
W	.4	1.7	.5	.1	.0	.0	3.5	8.6		3.3	3.1	2.9	2.0	1.8	1.8	2.7	2.9				
WV	.6	1.9	.5	.1	.0	.0	3.5	8.6		5.1	4.4	3.7	1.5	2.6	2.2	3.7	2.8				
VAR	.0	.1	.0	.0	.0	.0	3.0	4.0		3.1	.6	3.7	.7	3.5	2.9	3.7	1.8				
CALM	3.0	13.62	1633	490	54	8	3880	13.2		679	180	756	302	787	171	753	272				
TOT OBS	324	1362	1633	490	54	8	3880	13.2		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
TOT PCT	8.4	35.1	42.1	12.9	1.4	.2	100.0														

TABLE 3A

WIND DIR	0-6	7-14	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)											
									00	03	06	09	12	15	18	21				
N	2.0	4.8	3.1	1.2	.3	11.4	15.7		13.8	11.5	9.7	11.1								
NE	3.8	19.9	14.6	2.3	.2	40.6	15.5		42.8	42.4	36.8	40.3								
E	4.5	15.2	7.6	.8	.1	28.2	13.2		25.0	26.2	32.2	29.2								
SE	2.0	3.2	.3	.1	.0	5.5	8.4		4.3	5.8	6.4	5.2								
S	1.3	.8	.1	.0	.0	2.2	7.0		1.3	2.0	3.5	1.8								
SW	1.4	1.5	.1	.0	.0	3.0	8.2		1.9	3.5	3.7	2.8								
W	1.1	1.4	.1	.0	.0	3.5	8.6		3.3	2.6	1.8	2.0								
WV	1.5	1.6	.3	.1	.0	3.5	8.6		5.0	3.1	2.5	3.4								
VAR	.1	.0	.0	.0	.0	3.0	4.0		2.6	2.8	3.4	3.2								
CALM	3.0	1878	1016	168	23	3880	13.2		658	1058	938	1025								
TOT OBS	795	1878	1016	168	23	3880	13.2		100.0	100.0	100.0	100.0								
TOT PCT	20.5	49.4	26.2	4.3	.6	100.0														

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TABLE 4

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT	TOTAL
				11-21	22-33	34-47	48+				
00403	2.6	6.9	34.1	42.7	12.0	1.3	.5	13.1	100.0		858
06409	2.8	4.2	36.2	41.0	14.1	1.5	.2	13.4	100.0		1058
12415	3.4	5.4	34.3	41.2	13.9	1.7	.1	13.5	100.0		938
18421	3.2	5.2	35.4	42.7	11.4	1.1	.1	12.9	100.0		1024
TOT	117	207	1360	1653	499	54	.8	13.2	100.0		3878
PCT	3.0	7.3	35.1	42.1	12.9	1.4	.2				

TABLE 5

WIND DIR	PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)							TOTAL	OBS
	0-2	3-4	5-7	8-4	8-10	11-17	18-24		
N	1.7	1.4	3.3	4.0				5.6	
NE	7.5	6.8	15.1	7.3				5.0	
E	6.3	6.6	13.5	5.4				4.9	
SE	.7	1.3	3.1	.9				5.2	
S	2	.4	1.0	.3				5.4	
SW	.2	.5	1.3	.7				5.5	
W	2	.4	1.3	.7				5.8	
NW	.3	.6	1.7	1.5				6.2	
VAR								3.5	
CALM	.6	.9	1.6	.5				4.9	
TOT OBS	417	443	987	500				2347	
TOT PCT	17.8	18.9	42.1	21.3				100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH. > 4/8)													
AND OCCURRENCE OF MH. < 5/8 BY WIND DIRECTION													
WIND DIR	PCT FREQ							OCCURRENCE OF MH. < 5/8					
	000	149	150	299	300	599	600	600	600	600	600	600	600
N	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
NE	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
E	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SE	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
S	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SW	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
W	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
NW	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
VAR	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
CALM	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
TOT OBS	417	443	987	500				2347					
TOT PCT	17.8	18.9	42.1	21.3				100.0					

PERIOD: (PRIMARY) 1934-1971
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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MM >400) AND VSBY (MM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	= OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	1.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3
= OR >5000	2.2	2.7	2.7	2.7	2.7	2.7	2.7	2.7
= OR >3500	3.5	4.1	4.2	4.2	4.2	4.2	4.2	4.2
= OR >2000	20.4	23.5	23.6	23.6	23.6	23.6	23.6	23.6
= OR >1000	28.8	36.5	37.0	37.0	37.0	37.0	37.0	37.0
= OR >600	30.0	38.5	39.2	39.3	39.3	39.3	39.3	39.3
= OR >300	30.4	39.3	40.1	40.3	40.3	40.3	40.3	40.3
= OR >150	30.5	39.4	40.2	40.4	40.4	40.4	40.4	40.4
= OR >0	30.7	39.6	40.5	40.7	40.7	40.7	40.7	40.7
TOTAL	726	937	958	964	964	964	965	965

TOTAL NUMBER OF OBS: 2368 PCT FREQ MM <5/8: 59.2

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	00SCD	TOTAL OBS
6.2	8.3	19.4	13.2	12.3	10.5	12.3	6.1	11.5	.3	2471	

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TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VISBY (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	#	#	#	#	#	#	#	#	#	#	#	#
1/2	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	#	#	#	#	#	#	#	#	#	#	#	#
TOT #	0	0	0	0	0	0	0	0	0	0	0	0
PCP	#	#	#	#	#	#	#	#	#	#	#	#
1/2	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	#	#	#	#	#	#	#	#	#	#	#	#
TOT #	0	0	0	0	0	0	0	0	0	0	0	0
PCP	#	#	#	#	#	#	#	#	#	#	#	#
1/2	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	#	#	#	#	#	#	#	#	#	#	#	#
TOT #	0	0	0	0	0	0	0	0	0	0	0	0
PCP	#	#	#	#	#	#	#	#	#	#	#	#
2/5	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	#	#	#	#	#	#	#	#	#	#	#	#
TOT #	0	0	0	0	0	0	0	0	0	0	0	0
PCP	#	#	#	#	#	#	#	#	#	#	#	#
5/10	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	#	#	#	#	#	#	#	#	#	#	#	#
TOT #	0	0	0	0	0	0	0	0	0	0	0	0
PCP	#	#	#	#	#	#	#	#	#	#	#	#
10+	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	#	#	#	#	#	#	#	#	#	#	#	#
TOT #	0	0	0	0	0	0	0	0	0	0	0	0
TOT OBS	10.9	39.6	29.7	5.0	2.0	2.0	2.4	3.7	.1	3.0	100.0	3124
TOT PCT	10.9	39.6	29.7	5.0	2.0	2.0	2.4	3.7	.1	3.0	100.0	3124

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1958-1971

NOVEMBER

AREA 0004 SAIGON
9.4M 107.3E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SDD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2/5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT M	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5/10	0-3	.1	.2	.2	.1	.1	.1	.1	.1	.1	.0	.3	1.2
	4-10	.5	1.5	1.5	.3	.2	.3	.3	.4	.0	.0	.0	5.1
	11-21	.7	4.3	3.1	.3	.1	.1	.1	.1	.0	.0	.0	8.6
	22+	.8	2.6	1.0	.1	.0	.0	.0	.0	.0	.0	.0	4.6
	TOT M	2.2	8.5	5.8	.8	.3	.6	.5	.5	.0	.3	18.5	
10+	0-3	.5	.8	1.0	.5	.4	.3	.3	.5	.0	2.6	7.0	
	4-10	3.2	8.3	8.5	3.3	1.1	1.7	1.3	1.6	.1	.0	29.0	
	11-21	3.1	16.2	10.9	.8	.2	.4	.3	.7	.0	.0	32.6	
	22+	1.5	4.9	2.2	.1	.0	.0	.0	.1	.0	.0	8.6	
	TOT M	8.2	30.3	22.6	4.7	1.7	2.3	1.9	2.8	.1	2.6	77.2	
TOT OBS													3507
TOT PCT		10.8	40.5	29.0	5.5	2.1	3.1	2.5	3.5	.1	3.0	100.0	

PERIOD: (PRIMARY) 1934-1971
 (OVER-ALL) 1950-1971

NOVEMBER

AREA 0004 SAIGON 9.4N 107.3E

TABLE 10
 PERCENT FREQUENCY OF CEILING HEIGHTS (FEET.MH >4/8) AND
 OCCURRENCE OF MH <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	MH <5/8 ANY HGT	TOTAL
00403	.2	.3	1.2	3.0	14.2	21.1	1.8	.3	1.5	1.3	44.8	55.2	607
06409	.5	.0	1.5	2.3	15.5	18.5	2.2	.3	1.2	1.0	42.9	57.1	601
12415	.2	.2	1.0	1.8	11.8	19.3	.0	.8	1.3	.6	37.6	62.4	628
18421	.3	.0	.5	1.7	10.7	16.9	.8	.3	1.5	.5	33.4	66.6	596
TOT	7	3	25	53	17	461	34	11	33	21	865	1467	2432
PCT	.3	.1	1.0	2.2	13.0	19.0	1.4	.5	1.4	.9	39.7	60.3	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL
00403	0	.2	3	1.0	18.0	80.5	594
06409	2	.0	.5	1.4	15.9	82.0	577
12415	.0	0	.2	1.8	21.0	77.1	615
18421	.0	.0	.2	1.0	19.6	79.2	586
TOT	1	1	7	31	443	1889	2372
PCT	.0	.0	.3	1.3	18.7	79.6	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
 CEILING HGT (FEET.MH >4/8) BY HOUR

HOUR (GMT)	<150 <5070	<600 <1	<1000 15	1000+ AND 5+	MH <5/8 AND 5+	TOTAL 805
00403	.3	1.9	5.9	40.2	53.9	594
06409	.7	2.3	5.2	39.5	55.3	577
12415	.3	1.5	4.4	34.8	60.8	615
18421	.7	1.2	3.9	31.2	64.8	586
TOT	12	40	115	864	1393	2372
PCT	.5	1.7	4.8	36.4	58.7	100.0

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1858-1971

NOVEMBER

AREA 0004 SAIGON
9.4N 107.3E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100			
95/99	.0	.0	.0	.0	.1	.0	.1	.0	.0	.4	
90/94	.0	.0	.0	.2	.6	.6	.4	.0	.0	.3	
85/89	.0	.0	.0	.1	2.2	3.9	2.7	.6	.0	232	
80/84	.0	.0	.0	.0	2.7	18.9	32.2	11.2	.6	1589	
75/79	.0	.0	.0	.0	.0	4.2	10.6	7.8	.0	556	
70/74	.0	.0	.0	.0	.0	.1	.3	.5	.0	21	
TOTAL	.0	.0	.0	.0	10	138	679	1129	489	2445	
PCT	.0	.0	.0	.4	5.6	27.8	46.2	20.0			

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
	N	NE	E	SE	S	SW	W	NW	VAR	CALM
95/99	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0
90/94	.1	.5	.4	.1	.1	.1	.1	.1	.0	.3
85/89	.5	2.5	3.5	1.2	.1	.3	.3	.3	.0	.7
80/84	5.5	24.7	22.2	3.4	1.4	2.1	1.6	2.1	.1	1.9
75/79	4.6	8.3	5.5	1.2	.2	.4	.6	1.2	.0	.6
70/74	.4	.1	.0	.2	.0	.1	.1	.3	.0	.0
TOTAL	11.1	36.1	31.7	6.0	1.8	3.0	2.6	4.1	.1	3.5

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
MEAN	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL		
00403	95	88	85	81	76	74	71	80.7	861	
06409	95	93	89	82	77	74	73	82.8	1036	
12415	90	86	84	81	76	74	70	80.5	1940	
18421	89	84	82	80	76	75	71	79.8	1027	
TOT	95	90	86	81	77	74	70	81.0	3864	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL		
00403	.0	.0	2.3	25.1	49.6	22.9	84	885		
06409	.0	1.5	15.8	36.8	35.6	10.3	78	590		
12415	.0	.2	3.6	29.1	46.4	20.7	83	642		
18421	.0	.0	1.6	20.6	52.7	25.1	85	637		
TOT	0	10	140	685	1140	491	83	2466		

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1850-1971

NOVEMBER

AREA 0004 SAIGON
9.4N 107.3E

TABLE 17

PCY FREQ OF AIR TEMPERATURE (C/F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIFF	69	72	75	77	81	85	89	93	TOT	M	W
14/16	0	0	0	0	0	0	0	0	0	0	0
11/13	0	0	0	0	0	0	0	0	0	0	0
9/10	0	0	0	0	0	0	0	0	0	0	0
7/8	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
-1	0	0	0	0	0	0	0	0	0	0	0
-2	0	0	0	0	0	0	0	0	0	0	0
-3	0	0	0	0	0	0	0	0	0	0	0
-4	0	0	0	0	0	0	0	0	0	0	0
-5	0	0	0	0	0	0	0	0	0	0	0
-6	0	0	0	0	0	0	0	0	0	0	0
-7/-8	0	0	0	0	0	0	0	0	0	0	0
-9/-10	0	0	0	0	0	0	0	0	0	0	0
-11/-13	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0
PCY	0.2	4.5	37.3	47.6	8.1	1.8	0.6	0.6	2956	100.0	100.0

PERIOD: (OVER-ALL) 1963-1971

NOVEMBER

AREA 0004 SAIGON
9.4M 107.3E

TABLE 10
PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT (1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-28 33-40 41-48 49-50 61-70 71-86 87+	N										MC										PCT														
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.3	1.4	.0	.0	.0	.0	1.7	.3	1.3	.0	.0	.0	.0	1.6	.3	1.3	.0	.0	.0	.0	.0	.3	1.3	.0	.0	.0	.0	.0	.3	1.3	.0	.0	.0	.0	1.6
1-2	.1	1.5	1.1	.0	.0	.0	2.6	.2	4.3	6.8	.0	.0	.0	11.2	.1	4.3	6.8	.0	.0	.0	.0	.1	4.3	6.8	.0	.0	.0	.1	4.3	6.8	.0	.0	.0	11.2	
3-4	.0	.4	2.0	.3	.0	.0	2.7	.1	1.4	9.2	2.0	.0	.0	12.8	.1	1.4	9.2	2.0	.0	.0	.0	.1	1.4	9.2	2.0	.0	.0	.1	1.4	9.2	2.0	.0	.0	12.8	
5-6	.0	.3	.4	.5	.1	.0	1.3	.1	.5	4.0	1.3	.0	.0	6.6	.0	.5	4.0	1.3	.0	.0	.0	.0	.5	4.0	1.3	.0	.0	.0	.5	4.0	1.3	.0	.0	6.6	
7	.0	.0	.2	.2	.1	.0	.5	.0	.2	1.5	1.1	.0	.0	3.2	.0	.2	1.5	1.1	.0	.0	.0	.0	1.5	1.1	.0	.0	.0	.0	1.5	1.1	.0	.0	3.2		
8-9	.0	.0	.1	.2	.3	.0	.6	.0	.0	.5	.2	.0	.0	1.7	.0	.0	.5	.2	.0	.0	.0	.0	.5	.2	.0	.0	.0	.0	.5	.2	.0	.0	1.7		
10-11	.0	.0	.1	.3	.1	.0	.2	.0	.0	.2	.1	.0	.0	.2	.0	.0	.2	.1	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.2	.1	.0	.0	.2		
12	.0	.0	.0	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0	.7	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.7		
13-16	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
17-19	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
26-28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
49-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
TOT PCT	.4	3.6	3.9	2.0	.7	.2	10.9	.5	7.6	22.2	7.7	.6	.1	38.7	.5	7.6	22.2	7.7	.6	.1	38.7	.5	7.6	22.2	7.7	.6	.1	38.7	.5	7.6	22.2	7.7	.6	.1	38.7

HGT (1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-28 33-40 41-48 49-50 61-70 71-86 87+	E										SC										PCT													
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+
1-3	.3	2.7	.0	.0	.0	.0	3.0	.1	1.5	.0	.0	.0	.0	1.6	.1	1.5	.0	.0	.0	.0	.0	.1	1.5	.0	.0	.0	.0	.0	.1	1.5	.0	.0	.0	1.6
1-2	.2	5.7	7.4	.0	.0	.0	13.3	.1	1.4	.9	.0	.0	.0	2.4	.1	1.4	.9	.0	.0	.0	.0	.1	1.4	.9	.0	.0	.0	.1	1.4	.9	.0	.0	2.4	
3-4	.0	2.4	6.9	1.1	.0	.0	10.4	.0	1.1	.3	.1	.0	.0	1.4	.0	1.1	.3	.1	.0	.0	.0	.0	1.1	.3	.1	.0	.0	.0	.0	.0	.0	1.4		
5-6	.0	.3	2.7	1.0	.0	.0	4.0	.0	.1	.1	.0	.0	.0	1.1	.0	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.1		
7	.0	.1	1.8	.9	.1	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
8-9	.0	.0	.2	.7	.1	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
10-11	.0	.0	.1	.5	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
26-28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
49-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
TOT PCT	.5	11.3	19.1	4.2	.2	.0	35.2	.2	4.1	1.2	.1	.0	.0	5.7	.2	4.1	1.2	.1	.0	.0	.0	.2	4.1	1.2	.1	.0	.0	.0	.2	4.1	1.2	.1	5.7	

TABLE 18 PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
11	.2	.5	.0	.0	.0	.0	.6	.2	1.1	.1	.0	.0	.0	.9
12	.0	.1	.1	.0	.0	.0	.2	.1	1.1	.2	.0	.0	.0	1.4
13-14	.0	.1	.1	.0	.0	.0	.2	.0	.2	.1	.0	.0	.0	.3
15-16	.0	.0	#	.0	.0	.0	#	.0	#	.1	.0	.0	.0	.1
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25-26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27-28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29-30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35-36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37-38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43-44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45-46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51-52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53-54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55-56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	.7	.2	.0	.0	.0	1.0	.3	1.9	.5	.0	.0	.0	2.7

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.0	.6	.0	.0	.0	.0	.6
3-4	.0	.8	.6	.0	.0	.0	1.4
5-6	.0	.1	.1	.0	.0	.0	.1
7	.0	#	#	.0	.0	.0	.1
8-9	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.1	.0	.0	.0	.0	.1
12	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	1.6	.7	.0	.0	.0	2.2

PERIOD: (OVER-ALL) 1963-1971

NOVEMBER

AREA 0004 SAIGON
9.4M 107.3E

TABLE 18 (CONT)

WGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	0	11-7	0	11-7		
41	2.1	9.5	.1	.0	.0	.0	.0	11.7	.0	11.7	.0	1678
1-2	.4	16.0	17.5	.0	.0	.0	.0	34.0	.0	34.0	.0	
3-4	.2	5.8	18.8	3.4	.0	.0	.0	28.2	.0	28.2	.0	
5-6	.1	1.3	7.3	3.8	.1	.0	.0	12.5	.0	12.5	.0	
7	.1	.2	3.5	2.4	.4	.1	.0	6.7	.1	6.7	.0	
8-9	.0	.1	.8	2.0	.5	.0	.0	3.4	.0	3.4	.0	
10-11	.0	.0	.4	1.2	.1	.2	.0	1.6	.0	1.6	.0	
12	.0	.0	.1	.3	.0	.0	.0	.4	.0	.4	.0	
13-16	.0	.0	.1	.8	.3	.0	.0	1.1	.0	1.1	.0	
17-19	.0	.0	.0	.1	.1	.1	.0	.2	.0	.2	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	2.9	32.8	48.5	14.0	1.5	.3	100.0					

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	41	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
41	3	1	21.9	25.5	9.2	4.4	1.0	.7	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1239
6-7	.0	.1	1.5	6.3	3.9	2.2	1.5	.9	.4	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	323
8-9	.0	.0	.1	.6	.7	1.5	1.4	.5	.2	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	111
10-11	.0	.0	.1	.2	.0	.2	.5	.5	.1	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	45
12-13	.0	.0	.0	.2	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7
INDEX	3.6	1.6	1.0	.6	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	149
TOTAL	126	472	640	273	160	87	53	27	11	5	2	1	.1	.0	.0	.0	.0	.0	.0	.0	1800
PCT	6.7	25.1	34.5	14.5	8.5	4.6	2.0	.8	1.4	.6	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	100.0

DECEMBER

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1855-1971

AREA 0004 SAIGON
9.4N 107.4E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN OBS	THOR LYNG	OTHER WEATHER PHENOMENA					TOTAL OBS			
				FRZG PCPN	SNOW	OTHER PCPN					FOG PCPN	SMOKE	DUST	BLWG	BLWG DUST		SIG		
N	.5	.1	1	.0	.0	.0	.0	.6		.0	.1	.2							9.4
NE	1.0	.4	.3	.0	.0	.0	.0	1.7		.7	.1	.9							51.6
E	.3	.1	.4	.0	.0	.0	.0	.5		.6	.0	.5							26.9
SE	.0	.1	.1	.0	.0	.0	.0	.1		.1	.0	.0							1.7
S	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0							.5
SW	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0							.5
W	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0							.8
NW	.0	.0	.0	.0	.0	.0	.0	.1		.0	.0	.0							1.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0							.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0							1.2
TOT OBS	53	20	17	0	0	0	0	.0	90	.0	.0	.0							2937
TOT PCT	1.0	.7	.6	.0	.0	.0	.0	3.1		1.4	.3	1.7							93.5

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ. PCPN AT 00 TIME	TOTAL PCPN OBS	THOR LTNG	OTHER WEATHER PHENOMENA			TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG WB	SMOKE HAZE	DUST BLWG	
00403	1.9	1.0	.6	.0	.0	.0	.0	3.5		.0	.4	2.6	.0	93.5
06409	2.1	.7	.6	.0	.0	.0	.0	3.3		.1	.4	2.6	.1	93.5
12415	1.5	.5	.5	.0	.0	.0	.0	2.5		2.5	.4	.7	.0	93.9
18421	1.7	.5	.7	.0	.0	.0	.0	2.9		2.6	.0	1.1	.0	93.3
TOT	53	20	17	0	0	0	0	3.0	90	41	9	51	1	2764
PCT	1.0	.7	.6	.0	.0	.0	.0	3.0		1.4	.3	1.7	.1	93.5

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1855-1971

DECEMBER

AREA 0004 SAIGON
9.4N 107.4E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18	21	
N	.4	2.3	5.5	3.4	.5	.0	12.1	17.7	11.7	19.7	14.2	15.3	9.7	13.7	9.0	13.2		
NE	5	7.2	30.9	15.5	1.4	.0	55.4	18.2	50.0	59.1	57.8	63.0	51.7	57.3	53.3	57.7		
E	5	5.6	14.7	5.0	.3	.0	26.2	16.0	22.5	17.7	27.8	19.6	31.9	25.8	31.9	22.6		
SE	.3	1.1	.5	.1	.0	.0	2.0	9.5	1.8	1.1	1.5	2.2	2.8	1.8	1.9	2.1		
S	.1	.3	.1	.1	.0	.0	.5	8.9	.5	.0	1.0	.0	.6	.9	.3	.4		
SW	.1	.3	.1	.1	.0	.0	.5	9.8	1.7	.0	1.0	.0	.4	.3	.5	.7		
W	.1	.5	.2	.1	.0	.0	.7	8.5	1.4	.6	1.1	.0	.5	.3	.3	1.3		
NW	.1	.6	.5	.1	.0	.0	1.2	11.0	1.9	1.9	1.6	.2	.7	.5	1.0	1.7		
VAR	.0	.0	.0	.0	.0	.0	1.2	16.9	1.0	.0	.0	.0	.0	.0	.0	.0		
CALM	1.2	661	1922	883	.1	.0	3662	100.0	655	174	711	262	716	164	705	280		
TOT OBS	115	18.1	52.5	24.1	2.2	.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
TOT PCT	3.1	18.1	52.5	24.1	2.2	.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18	21
N	1.1	4.2	5.1	1.7	.1	12.1	17.7	13.3	13.3	14.5	10.5	10.5	10.2			
NE	2.1	20.2	27.6	5.0	.2	55.4	18.2	50.2	50.2	56.3	52.8	54.5	54.5			
E	2.2	12.2	10.4	1.3	.1	26.2	16.0	21.5	21.5	23.1	20.8	29.3	29.3			
SE	.7	1.1	.2	.1	.0	2.0	9.5	1.7	1.7	2.7	2.0	2.0	2.0			
S	.2	.3	.1	.0	.0	.5	8.9	.5	.5	.7	.7	.3	.3			
SW	.3	.1	.1	.0	.0	.5	9.8	.5	.5	.7	.2	.6	.6			
W	.3	.4	.1	.0	.0	.7	8.5	1.2	1.2	1.2	.7	1.2	1.2			
NW	.4	.5	.2	.0	.0	1.2	11.0	.0	.0	.0	.0	.0	.0			
VAR	.0	.0	.0	.0	.0	1.2	16.9	.0	.0	.0	.0	.0	.0			
CALM	1.2	1428	1604	300	.4	3662	100.0	16.9	16.9	16.9	16.9	16.9	16.9			
TOT OBS	314	39.0	43.6	8.2	.4											
TOT PCT	8.6	39.0	43.6	8.2	.4											

DECEMBER

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1855-1971

AREA 0004 SAIGON
9.4N 107.4E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47	48+			
0603	1.2	2.4	18.0	52.8	23.2	2.4	.0	16.8	100.0	824
0609	.9	2.1	18.3	50.2	26.3	2.3	.0	17.0	100.0	973
1215	1.4	1.7	17.7	50.5	26.6	2.2	.0	17.3	100.0	880
1821	1.3	1.6	18.2	56.3	20.5	2.0	.0	16.5	100.0	984
TOT	4.4	7.1	66.1	192.2	88.3	8.1	.0	16.9	100.0	3662
PCT	1.2	1.9	18.1	52.5	24.1	2.2	.0	16.9	100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & 86500	TOTAL OBS	MEAN CLOUD COVER
N	1.3	1.5	3.9	2.5		5.5
NE	10.8	9.5	21.4	10.5		5.0
E	7.7	6.1	12.7	5.1		4.7
SE	.4	.4	.7	.5		5.2
S	.1	.1	.4	.1		5.5
SW	.0	.1	.4	.4		5.6
W	.2	.2	.5	.4		4.8
NW	.1	.3	.4	.4		5.7
VAR	.0	.0	.0	.0		.0
CALM	.4	.6	.4	.2		4.1
TOT OBS	475	430	934	442	2281	4.9
TOT PCT	20.8	18.9	40.9	19.4	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. MH 3400)
AND OCCURRENCE OF MH 4500 BY WIND DIRECTION

WIND DIR	000	149	150	238	300	599	600	999	1000	2000	3499	4999	5000	6499	7999	ANY HGT	TOTAL OBS
N	.1	.0	.0	.0	.0	.0	.6	1.9	5.7	1.4	.3	.1	.1	.2	.1	4.5	
NE	.0	.0	.0	.0	.4	.1	1.9	5.7	9.0	.8	.3	.3	.3	1.5	.7	31.8	
E	.0	.0	.0	.0	.1	.0	.0	2.2	5.7	.6	.3	.3	.3	1.5	.8	20.2	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.0	1.2	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.4	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.3	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.5	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.3	.0	.0	.0	.0	.3	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT OBS	.4	.0	.0	.0	.4	.1	.6	24.7	39.1	4.4	2.0	.76	.38	13.7	1.3	2281	
TOT PCT	20.8	0.0	0.0	0.0	10.0	1.0	3.0	10.7	17.1	1.9	.9	3.3	1.7	60.8	100.0		

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1855-1971

DECEMBER

AREA 0004 SAIGON
9.4N 107.4E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (MH >4/8) AND VSBY (MM)

CEILING (FEET)	= OR >10	= OR >5	= OR >2	VSBY (MM) = OR >1	= OR >1/2	= OR >1/4	= OR >50YD	= OR >0
= OR >6500	3.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0
= OR >5000	4.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8
= OR >3500	5.8	7.6	7.7	7.8	7.8	7.8	7.8	7.8
= OR >2000	20.7	24.7	24.8	24.9	24.9	24.9	24.9	24.9
= OR >1000	28.5	34.9	35.3	35.4	35.4	35.4	35.4	35.4
= OR >600	30.5	37.7	38.2	38.4	38.4	38.4	38.4	38.4
= OR >300	30.7	38.0	38.7	38.8	38.8	38.8	38.8	38.8
= OR >150	30.7	38.0	38.7	38.8	38.8	38.8	38.8	38.8
= OR >0	30.8	38.1	38.7	38.9	38.9	38.9	38.9	38.9
TOTAL	705	873	887	891	891	891	894	894

TOTAL NUMBER OF OBS: 2292

PCT FREQ MH (5/8): 61.0

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	00SC0	TOTAL OBS
11.0	9.2	10.1	12.1	10.7	7.5	13.0	6.8	11.3	.1	2392

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1855-1971

DECEMBER

AREA 0004 SAIGON
9.4N 107.4E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VISBY (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	1	0	0	0	0	0	0	0	0	0	0	1
TOT %	1	0	0	0	0	0	0	0	0	0	0	1
1/2<1	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
1/2	1	2	0	0	0	0	0	0	0	0	0	3
NO PCP	0	1	0	0	0	0	0	0	0	0	0	1
TOT %	1	3	0	0	0	0	0	0	0	0	0	4
2/5	1	2	0	0	0	0	0	0	0	0	0	3
NO PCP	2	4	1	0	0	0	0	0	0	0	0	7
TOT %	3	6	1	0	0	0	0	0	0	0	0	10
5/10	2	7	2	0	0	0	0	0	0	0	0	9
NO PCP	2	10	3	2	0	1	1	2	0	0	0	20
TOT %	4	17	5	2	0	1	2	4	0	0	0	39
10+	1	6	3	1	0	0	0	0	0	0	0	11
NO PCP	6	24	2	1	6	4	7	8	0	1	2	54
TOT %	7	30	5	2	6	4	7	8	0	1	2	65
TOT OBS	10	55	28	19	6	6	8	11	0	1	2	293
TOT PCT	10.4	55.0	28.4	1.9	.6	.6	.8	1.1	.0	1.2	100.0	

DECEMBER

AREA 0004 SAIGON
9.4N 107.4E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISIB (MM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
1/2	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	1	0	0	0	0	0	0	0	0	0	0	1
	TOT M	1	0	0	0	0	0	0	0	0	0	0	1
1/2 <1	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	0	0	0	0	0	0	0	0	0	0	0	0
	22+	0	0	0	0	0	0	0	0	0	0	0	0
	TOT M	0	0	0	0	0	0	0	0	0	0	0	0
1 <2	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	1	1	0	0	0	0	0	0	0	0	0	2
	22+	1	2	0	0	0	0	0	0	0	0	0	2
	TOT M	2	3	0	0	0	0	0	0	0	0	0	5
2 <5	0-3	0	0	0	0	0	0	0	0	0	0	0	0
	4-10	0	0	0	0	0	0	0	0	0	0	0	0
	11-21	2	5	1	0	0	0	0	0	0	0	0	2
	22+	2	3	1	0	0	0	0	0	0	0	0	3
	TOT M	4	8	2	0	0	0	0	0	0	0	0	5
5 <10	0-3	0	1	1	0	0	0	0	0	0	0	0	2
	4-10	3	9	5	1	0	1	1	1	0	0	0	2
	11-21	1	5	1	1	0	0	0	0	0	0	0	6
	22+	1	7	1	0	0	0	0	0	0	0	0	7
	TOT M	2	11	3	2	0	1	1	1	0	0	0	18
10+	0-3	0	4	4	2	0	2	1	1	0	0	0	2
	4-10	1	6	5	1	0	2	4	4	0	0	0	15
	11-21	3	25	13	4	1	1	1	3	0	0	0	43
	22+	1	11	4	1	0	0	0	0	0	0	0	18
	TOT M	7	43	23	8	1	4	6	8	0	0	0	79
TOT OBS		11	55	27	19	5	5	8	11	0	0	0	322
TOT PCT		11.0	55.4	27.7	1.9	.5	.5	.8	1.1	.0	1.2	100.0	

PERIOD: (PRIMARY) 1974-1971
(OVER-ALL) 1955-1971

DECEMBER

AREA 0004 SAIGON
9.4N 107.4E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-MH > 4/8) AND OCCURRENCE OF MH (5/8 BY HOUR													
HOUR (GMT)	000	150	300	450	600	750	900	1050	1200	1350	1500	1650	TOTAL
00403	.2	.0	.3	3.1	11.0	16.5	2.6	1.4	4.5	1.0	40.5	59.5	582
06409	.4	.0	.4	2.5	11.1	15.3	2.6	.7	3.5	1.2	37.5	62.5	570
12415	.0	.0	.3	3.8	9.0	18.5	1.3	1.0	2.3	1.8	38.0	62.0	611
18421	.2	.0	.7	2.2	10.2	16.1	1.0	.3	2.7	2.3	35.7	64.3	597
TOT	4	0	10	68	243	392	44	20	76	38	895	1465	2360
PCT	.2	.0	.4	2.9	10.3	16.6	1.9	.8	3.2	1.6	37.9	62.1	100.0

TABLE 11

PERCENT FREQUENCY VS8Y (NM) BY HOUR									
HOUR (GMT)	<1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL		
00403	.2	.0	.2	.4	16.5	82.8	559		
06409	.4	.0	.5	.9	13.5	84.7	556		
12415	.0	.0	.2	1.0	18.5	80.3	594		
18421	.0	.0	.0	1.0	16.8	82.2	583		
TOT	3	0	5	19	375	1890	2292		
PCT	.1	.0	.2	.8	16.4	82.5	100.0		

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VS8Y (NM) AND/OR CEILING HGT (FEET-MH > 4/8) BY HOUR									
HOUR (GMT)	<150	<500	<1000	1000+	NH <5/8	TOTAL			
00403	.2	.5	4.1	38.1	57.8	559			
06409	.4	.7	4.5	34.2	61.3	556			
12415	.0	.3	5.1	34.3	60.6	594			
18421	.2	.8	3.9	32.9	63.1	583			
TOT	4	14	101	799	1392	2292			
PCT	.2	.6	4.4	34.9	60.7	100.0			

DECEMBER

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1855-1971

AREA 0001 SAIGON
9-4N 107.4E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
90/94	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	11	.5
85/89	.0	.0	.0	.0	.1	.4	.9	.4	.2	.4	47	2.0
80/84	.0	.0	.0	.1	2.2	12.8	19.0	7.3	.0	.0	970	41.4
75/79	.0	.0	.0	.0	1.2	16.2	23.4	14.2	.0	.0	1287	55.0
70/74	.0	.0	.0	.0	.0	.0	.5	.6	.0	.0	26	1.1
65/69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0
TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2342	100.0
PCT	.0	.0	.1	.2	3.9	30.0	43.4	22.3				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
N	NE	E	SE	S	SW	W	NW	VAR	CALM
.2	.2	.1	.1	.0	.0	.0	.0	.0	.0
.2	.9	.6	.1	.1	.1	.1	.0	.0	.0
2.6	20.7	14.4	1.1	.3	.3	.5	.8	.0	1.1
5.4	31.3	16.0	.7	.2	.2	.2	.6	.0	.3
.4	.6	.1	.0	.0	.0	.0	.1	.0	.0
.0	.5	.0	.0	.0	.0	.0	.0	.0	.0
8.6	53.8	31.2	1.9	.5	.5	.8	1.2	.0	1.5

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										TOTAL OBS
HOUR	MAX	99%	95%	50%	5M	1M	MIN	MEAN		
(GMT)										885
0203	89	84	82	79	75	73	66	78.8		822
0609	94	90	85	80	76	73	66	80.4		950
12015	84	83	82	79	75	73	66	78.6		880
18021	85	82	81	78	75	72	66	77.9		988
TOT	94	86	83	79	75	73	66	78.9		3640

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										TOTAL OBS
HOUR	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	
(GMT)										885
0203	.0	.0	.0	.0	2.8	26.5	46.7	23.9	84	565
0609	.0	.0	.0	1.1	10.2	38.2	35.4	15.1	80	568
12015	.0	.0	.0	.3	1.8	30.1	44.4	23.5	84	622
18021	.0	.0	.0	.2	2.2	25.5	46.0	25.2	84	604
TOT	.0	.0	.0	.9	9.8	70.8	101.9	52.5	83	2358

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1855-1971

DECEMBER

AREA 0004 SAIGON
9.4N 107.4E

TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	65	69	73	77	81	85	89	93	TOT	M	NO FOG
	68	72	76	80	84	88	92	96		FOG	
14/16	.0	.0	.0	.0	.0	.0	.0	.0	1	.0	.0
11/13	.0	.0	.0	.0	.0	.1	.0	.0	3	.0	.1
9/10	.0	.0	.0	.0	.0	.1	.2	.0	9	.0	.3
7/8	.0	.0	.0	.1	.4	.4	.2	.0	32	.0	1.1
6	.0	.0	.0	.3	.5	.2	.0	.0	28	.0	1.0
5	.0	.0	.0	.6	1.0	.4	.0	.0	55	.0	2.0
4	.0	.0	.1	1.5	2.2	.2	.0	.0	112	.0	4.0
3	.0	.0	.1	1.0	2.0	.1	.0	.0	94	.0	3.4
2	.0	.0	.2	4.7	4.5	.1	.0	.0	270	.1	9.5
1	.0	.0	.4	7.2	3.5	.0	.0	.0	313	.0	11.2
0	.0	.1	1.8	14.2	3.4	.0	.0	.0	546	.1	19.4
-1	.0	.0	.9	9.9	1.3	.0	.0	.0	338	.0	12.1
-2	.1	.0	4.4	9.4	1.8	.0	.0	.0	438	.1	15.6
-3	.0	.0	1.4	4.8	.8	.0	.0	.0	196	.0	7.0
-4	.1	.2	1.8	3.0	.4	.0	.0	.0	157	.0	5.6
-5	.0	.1	.7	1.9	.1	.0	.0	.0	79	.0	2.8
-6	.0	.0	.2	1.2	.1	.0	.0	.0	44	.0	1.6
-7/-8	.0	.0	.6	1.8	.0	.0	.0	.0	67	.0	2.4
-9/-10	.0	.0	.2	.4	.0	.0	.0	.0	17	.0	.6
-11/-13	.0	.0	.0	.0	.0	.0	.0	.0	3	.0	.1
TOTAL	.3	.5	12.9	62.0	22.0	1.8	.4	.1	2802	.2	99.8
PCT									100.0		

PERIOD: (OVER-ALL) 1963-1971
 DECEMBER
 TABLE 18
 AREA 0004 SAIGON 9.4N 107.4E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	M										NE										48+	PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT								
1	.2	.2	.0	.0	.0	.0	.3	.2	.6	.1	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.9
1-2	.1	.7	.7	.0	.0	.0	1.5	.0	3.2	6.6	.0	.0	.0	9.7	.0	.0	.0	.0	.0	.0	.0	9.7
3-4	.1	.4	1.4	.3	.0	.0	2.1	.0	1.5	14.2	5.1	.0	.0	20.8	.0	.0	.0	.0	.0	.0	.0	20.8
5-6	.0	.0	.2	.4	.0	.0	.5	.0	.3	16.5	3.6	.4	.0	10.8	.0	.0	.0	.0	.0	.0	.0	10.8
7	.0	.0	.4	.2	.1	.0	.7	.0	.1	2.3	3.4	.2	.0	6.5	.0	.0	.0	.0	.0	.0	.0	6.5
8-9	.0	.0	.5	.4	.0	.0	1.0	.0	.0	1.1	2.4	.1	.0	3.5	.0	.0	.0	.0	.0	.0	.0	3.5
10-11	.0	.0	.1	.3	.1	.0	.5	.0	.0	.2	1.9	.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	2.2
12	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.3	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.6
13-16	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	1.2	3.3	1.8	.2	.0	6.9	.2	5.7	31.5	17.0	1.2	.0	55.6	.0	.0	.0	.0	.0	.0	.0	55.6

HGT	E										SE										48+	PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT								
1	.1	.8	.1	.0	.0	.0	1.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
1-2	.0	2.6	5.2	.0	.0	.0	7.8	.0	.0	.1	.1	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.9
3-4	.0	1.7	9.1	2.6	.0	.0	13.6	.0	.1	.3	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.4
5-6	.0	.2	3.2	1.3	.0	.0	4.6	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
7	.0	.0	1.7	1.3	.1	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.1	.0	.2	.0	.0	1.4	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
10-11	.0	.0	.0	.3	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.1	5.3	20.2	7.7	.2	.0	33.5	.0	1.0	.5	.1	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	1.5

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PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

[illegible]

TOT PCT

[illegible]

STAT 801

PERIOD: (OVER-ALL) 1963-1971

DECEMBER

AREA 0004 SAIGON
9.4N 107.4E

TABLE 10 (CONT)

WIND SPEED (KTS)	VS SEA HEIGHT (FT)										PCT	TOT 885
	0-3	4-10	11-21	22-33	34-47	48+	48+	48+	48+	48+		
HGT												
61	.6	1.9	.1	.0	.0	.0	.0	.0	.0	.0	2.6	
1-2	.3	8.2	12.9	.0	.0	.0	.0	.0	.0	.0	21.3	
3-4	.1	3.8	25.1	8.2	.0	.0	.0	.0	.0	.0	37.2	
5-6	.0	.5	10.0	5.2	.4	.0	.0	.0	.0	.0	16.1	
7	.0	.1	5.1	5.0	.4	.0	.0	.0	.0	.0	10.5	
8-9	.0	.1	2.3	3.6	.1	.0	.0	.0	.0	.0	6.0	
10-11	.0	.0	.6	3.5	.3	.0	.0	.0	.0	.0	4.4	
12	.0	.0	.1	.7	.4	.0	.0	.0	.0	.0	1.1	
13-16	.0	.0	.0	.5	.1	.0	.0	.0	.0	.0	.5	
17-19	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.3	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	.9	14.5	56.1	26.0	1.7	.0	100.0					1594

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)															
	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	
6	13.2	26.2	9.6	5.8	1.9	1.2	.4	.3	.2	.0	.0	.0	.0	.0	.0	
6-7	.4	3.1	5.1	5.4	3.2	2.7	1.3	.2	.1	.0	.0	.0	.0	.0	.0	
8-9	.0	.1	.8	2.3	1.8	1.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	
10-11	.0	.1	.1	.4	.5	.8	.3	.5	.2	.0	.0	.0	.0	.0	.0	
12-13	.0	.0	.0	.1	.4	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	
13	.0	.0	.1	.0	.2	.0	.2	.1	.0	.0	.1	.0	.0	.0	.0	
14-15	.4	1.2	2.5	.7	.8	.6	.2	.2	.1	.0	.0	.0	.0	.0	.0	
TOTAL	20	285	623	312	281	164	120	58	26	11	.0	.1	.0	.0	.0	
PCT	1.1	15.0	32.0	16.4	14.8	8.6	6.3	3.1	1.4	.6	.0	.1	.0	.0	.0	

PERIOD: (PRIMARY) 1924-1971
(OVER-ALL) 1955-1971

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AREA 0004 SAIGON 9.4N 107.4E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	SHWR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL 00S
				FRZG	SNOW	OTHER					FG	SMOKE	DUST	HAZE	
N	.1		.1	.0	.0	.0	.0	.3							
NE	.3	.2	.1	.0	.0	.0	.0	.7							
E	.2	.1	.1	.0	.0	.0	.0	.4							
SE	.1			.0	.0	.0	.0	.2							
S	.1	.1	.1	.0	.0	.0	.0	.2							
SW	.6	.3	.2	.0	.0	.0	.0	1.1							
W	.6	.3	.2	.0	.0	.0	.0	1.2							
NW	.2	.1	.1	.0	.0	.0	.0	.4							
VCR	.0			.0	.0	.0	.0	.0							
CALM	.0			.0	.0	.0	.0	.1							
TOT 00S	999	525	337	.0	.0	.0	.2	4.4	1846	656	55	324	15	3835	41101
TOT PCT	2.4	1.3	.8	.0	.0	.0				1.6	.1	.6		93.1	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	SHWR	ORZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT 00 TIME	TOTAL PCPN 00S	THOR LTNG	OTHER WEATHER PHENOMENA				TOTAL 00S
				FRZG	SNOW	OTHER					FG	SMOKE	DUST	HAZE	
00403	2.5	1.2	.9	.0	.0	.0	.0	4.4							
05409	2.2	1.2	.7	.0	.0	.0	.0	4.0							
12415	2.5	1.2	.9	.0	.0	.0	.0	4.6							
19421	2.4	1.3	1.0	.0	.0	.0	.0	4.7	1861	669	56	325	15	38452	41340
TOT	1004	526	344	.0	.0	.0	.2	4.4							
PCT	2.4	1.2	.8	.0	.0	.0				1.6	.1	.6		93.0	

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1955-1971

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TABLE 3

AREA 0004 SAIGON 9.4N 107.4E

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR																	
WIND DIR	WIND SPEED (KNOTS)					48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47					00	03	06	09	12	15	18	21
N	.4	1.7	2.0	.9	.1	#	5.1	11.8	6.0	7.5	5.5	5.3	3.9	4.1	4.1	4.1	5.5
NE	.6	6.1	12.1	4.8	.4	#	24.0	12.2	25.1	27.5	24.9	27.1	21.5	24.5	21.9	21.9	23.3
E	.9	7.5	9.3	2.1	.1	#	19.9	11.1	18.9	14.9	19.0	16.0	22.9	19.6	22.3	16.2	16.2
SE	.8	3.9	1.0	.1	#	.0	5.8	7.8	5.2	4.8	5.4	6.0	6.9	5.6	6.1	5.1	5.1
S	.8	4.1	1.3	.1	#	.0	6.4	8.0	5.4	5.1	5.7	6.2	7.7	7.0	6.2	6.0	6.0
SW	.8	9.2	9.0	1.1	#	.0	20.2	9.5	17.3	21.6	19.5	24.2	21.3	19.6	19.2	21.8	21.8
W	.5	5.1	6.4	1.1	.1	#	13.2	10.2	15.1	14.5	13.5	10.3	11.1	12.8	13.6	14.5	14.5
NW	.3	1.6	.9	.1	#	.0	2.9	10.0	4.2	2.9	2.8	1.3	2.3	2.1	3.3	2.9	2.9
VAR	#	#	.0	.0	.0	.0	#	1.6	#	.0	#	.0	#	.0	.1	.1	.0
CALM	2.5	37.1	196.4	207.97	506.3	362	15	49692	2.5	2.8	1.4	2.8	1.5	2.3	1.4	2.9	2.7
TOT OBS	3771	39.3	42.0	10.4	.7	#	100.0	100.0	8673	2395	9802	3679	9486	2423	9416	3638	3638
TOT PCT	7.5	39.3	42.0	10.4	.7	#	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A																
WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						
	0-6	7-16	17-27	28-40	00					03	06	09	12	15	18	21
N	1.1	2.1	1.5	1.4	#	5.1	11.8	6.3	5.5	5.3	3.9	4.7				
NE	2.5	10.7	9.2	1.5	.1	24.0	12.2	25.6	23.0	22.0	22.8					
E	3.5	10.7	5.2	.5	#	19.9	11.1	19.1	18.0	22.7	20.6					
SE	2.7	2.8	.2	#	.0	5.8	7.8	5.1	5.3	6.6	5.6					
S	2.8	3.2	.3	#	.0	6.4	8.0	5.4	5.7	6.4	6.2					
SW	2.8	12.5	3.6	.2	#	20.2	9.5	19.2	21.6	19.9	18.9					
W	2.1	7.8	3.1	.2	#	13.2	10.2	15.0	12.7	11.5	13.9					
NW	1.0	1.5	.4	#	.0	2.9	10.0	4.0	2.4	3.2	3.3					
VAR	#	.0	.0	.0	.0	#	1.6	#	#	#	#					
CALM	2.5	37.1	196.4	207.97	506.3	362	15	49692	2.5	2.5	2.1					
TOT OBS	1118	2529	11537	1440	60	49692	100.0	1068	13661	11909	13054					
TOT PCT	22.2	51.1	23.6	3.0	.1	100.0	100.0	100.0	100.0	100.0	100.0					

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL: 1955-1971)

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)			48+	MEAN	PCT FREQ
				11-21	22-32	34-47			
0000	2.5	5.9	39.6	41.1	10.2	.7	.1	12.2	100.0
0600	2.5	5.4	37.7	42.5	11.0	.9	.1	12.5	100.0
1200	2.1	4.0	38.7	43.6	10.8	.8	.1	12.7	100.0
1800	2.9	4.9	41.1	40.8	9.7	.6	.1	12.1	100.0
TOT	1251	2519	19672	20797	5063	362	15	12.4	100.0
PCT	2.5	5.0	39.3	42.0	10.4	.7	.1	12.4	100.0

TOTAL
OBS

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	PCT FREQ						TOTAL OBS
	0-2	3-4	5-7	8-10	11-14	15-18	
NC	1.7	8	1.7	1.1			5.3
CC	5.9	5.0	8.3	3.4			4.6
SC	7.5	5.5	7.7	2.1			4.2
S	1.8	1.5	2.1	.5			4.4
SH	4.7	3.7	8.2	.9			4.4
M	1.4	2.0	5.6	4.5			5.3
VAR	3	.4	1.4	1.1			5.5
CALM	.5	.6	.9	.3			1.3
TOT OBS	6050	6539	11826	5730			30945
TOT PCT	22.4	21.2	38.2	13.3			100.0

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT. M) 14/8)
AND OCCURRENCE OF MH 5/8 BY WIND DIRECTION

WIND DIR	PCT FREQ												TOTAL OBS
	000	150	300	600	999	1000	2000	3500	5000	6500	8000+	ANY HGT	
NC	.2	.1	.1	.2	.1	.8	.7	.1	.1	.1	.1	.1	2.3
CC	.1	.1	.1	.6	.2	2.5	2.9	.3	.2	.4	.2	.2	15.4
SC	.1	.1	.1	.3	.1	1.9	2.8	.3	.2	.5	.2	.2	18.5
S	.1	.1	.1	.1	.1	.5	.7	.1	.1	.1	.1	.1	4.4
SH	.1	.1	.1	.1	.1	.6	.7	.1	.1	.1	.1	.1	4.5
M	.1	.1	.1	.7	.2	2.7	3.0	.3	.1	.2	.1	.1	11.7
VAR	.1	.1	.1	.6	.2	2.7	2.3	.2	.1	.2	.1	.1	7.0
CALM	.0	.0	.0	.1	.1	.7	.7	.1	.0	.1	.1	.1	1.5
TOT OBS	64	74	218	853	3944	4360	4360	456	218	460	264	20044	39945
TOT PCT	.2	.1	.7	2.7	12.6	14.1	14.1	1.5	.8	1.5	.9	64.9	100.0

PER180 (PRIMARY) 1934-1971
(OVER-ALL) 1955-1971

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9.4N 107.4E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT MM > 4/8 AND VSBY (MM)

CEILING (FEET)	= OR > 10	= OR > 5	= OR > 2	= OR > 1	= OR > 1/2	= OR > 1/4	= OR > 50YD	= OR > 0
= OR > 6500	2.0	2.3	2.4	2.4	2.4	2.4	2.4	2.4
= OR > 5000	2.7	3.1	3.1	3.2	3.2	3.2	3.2	3.2
= OR > 3500	3.9	4.6	4.6	4.6	4.6	4.6	4.6	4.6
= OR > 2000	15.9	18.5	18.6	18.7	18.7	18.7	18.7	18.7
= OR > 1000	26.9	30.7	31.1	31.2	31.2	31.3	31.3	31.3
= OR > 500	26.9	33.2	33.8	33.9	34.0	34.0	34.0	34.0
= OR > 150	27.1	33.7	34.4	34.6	34.7	34.7	34.7	34.7
= OR > 0	27.2	33.9	34.7	34.7	34.8	34.8	34.8	34.8
TOTAL	8462	10571	10816	10876	10890	10899	10914	10919

TOTAL NUMBER OF OBS: 31090

PCT FREQ MM < 5/8: 64.9

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	00SCD	TOTAL
7.3 10 4	22.8	14.1	10.4	8.2	11.3	5.4	9.9	.2	32126		

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1855-1971

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AREA 0004 SAIGON
9.4N 107.4E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSDY (MM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT N	0	0	0	0	0	0	0	0	0	0	0	0
1/2<1	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT N	0	0	0	0	0	0	0	0	0	0	0	0
1<2	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT N	0	0	0	0	0	0	0	0	0	0	0	0
2<5	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT N	0	0	0	0	0	0	0	0	0	0	0	0
5<10	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT N	0	0	0	0	0	0	0	0	0	0	0	0
10+	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT N	0	0	0	0	0	0	0	0	0	0	0	0
TOT OBS	4.6	23.5	21.3	5.8	6.2	19.9	13.5	3.0	2.2	100.0		41087
TOT PCT												

PERIOD: (PRIMARY) 1924-1971
(OVER-ALL) 1853-1971

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9.4N 107.4E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (MM)	SPD KTS	M	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10+	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS		4	7	23.7	20.7	5.8	6.3	20.1	13.4	3.0	4	2.3	100.0
TOT PCT													44928

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1955-1971

ANNUAL

AREA 0004 SAIGON
9.4M 107.4E

TABLE 10
PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, MH > 4/8) ANI
OCCURRENCE OF MH < 5/8 BY HOUR

HOUR (GMT)	000	150	300	500	1000	2000	3500	5000	8000+	TOTAL	MH < 5/8 ANY HGT	TOTAL
00603	.2	.1	.7	2.7	13.2	14.9	1.7	1.0	1.7	.7	36.9	63.1
06409	.2	.1	.8	2.7	12.5	14.9	1.6	.7	1.3	.7	35.6	64.4
12415	.1	.1	.7	2.8	12.0	13.2	1.3	.8	1.5	.9	33.5	66.5
18421	.3	.1	.6	2.5	11.6	11.9	1.1	.7	1.4	1.1	31.2	68.8
TOT	66	35	220	861	3950	4372	459	248	460	264	10935	20955
PCT	.2	.1	.7	2.7	12.3	13.7	1.4	.8	1.5	.8	34.3	65.7

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	< 1/2	1/2-1	1-2	2-5	5-10	10+	TOTAL
00603	.1	.1	.2	.9	13.1	85.6	7601
06409	.2	.1	.3	1.0	12.3	86.3	7823
12415	.1	.1	.2	1.1	16.1	82.4	7973
18421	.1	.1	.2	1.2	17.2	81.4	7714
TOT	31	17	69	324	4571	26099	31111
PCT	.1	.1	.2	1.0	14.7	83.9	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, MH > 4/8) BY HOUR

HOUR (GMT)	< 150 < 500 FT	150-500 < 1000 FT	1000-10000 < 4000 FT	10000-100000 < 40000 FT	TOTAL
00603	.3	1.2	4.6	33.4	82.0
06409	.3	1.2	4.6	31.9	83.4
12415	.2	1.1	4.8	29.6	85.6
18421	.4	1.2	4.7	27.8	87.6
TOT	91	362	1465	9561	20985
PCT	.3	1.2	4.7	30.7	69.7

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PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1855-1971

AREA 0004 SAIGON
9.4N 107.4E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT REQD
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
100/104	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	
95/99	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	70	.3
90/94	.0	.0	.0	.1	.9	.6	.3	.0	.0	.0	626	2.0
85/89	.0	.0	.0	.1	1.6	7.6	3.7	.8	.0	.0	4246	13.8
80/84	.0	.0	.0	.1	1.4	15.4	30.7	9.8	.0	.0	17446	57.2
75/79	.0	.0	.0	.0	.0	5.4	10.3	8.6	.0	.0	7479	25.0
70/74	.0	.0	.0	.0	.0	.5	.6	.6	.0	.0	536	1.7
65/69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	
TOTAL	.0	1	9	116	1431	9004	13871	5981	30413	100.0		
PCT	.0	.1	.4	4.7	29.5	45.6	19.8					

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	NW	VAR	CALM	
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
.1	.2	.4	.2	.1	.1	.2	.1	.0	.1	
1.3	1.5	2.3	1.3	1.7	3.9	2.0	.4	.0	.1	
1.9	10.2	11.5	3.6	3.7	13.2	9.7	2.0	.0	.4	
1.8	10.1	7.8	.8	.4	1.3	1.6	.8	.0	.4	
.2	.8	.6	.0	.0	.0	.0	.0	.0	.0	
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4.2	22.8	22.7	5.9	6.1	19.0	13.6	3.2	.0	2.3	

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR									
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00403	98	88	95	81	77	75	66	31.1	11075
06409	100	92	89	83	78	76	66	83.1	13523
12415	97	87	84	81	77	75	66	81.0	11929
18421	93	84	83	80	77	75	66	80.2	13076
TOT	100	90	86	81	77	75	66	81.4	49803

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00403	.0	.1	.1	2.4	26.1	49.9	21.5	84		863
06409	.0	1.2	12.4	42.7	32.9	10.9	79			7303
12415	.0	.1	2.9	29.5	47.3	20.1	83			7586
18421	.0	.1	1.2	14.5	90.83	13960	5999			7856
TOT	0	126	1425	9083	13960	5999	83			30613

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1955-1971

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TABLE 17
PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF F80 (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AREA 0004 SAIGON 8.4N 107.4E

AIR-SEA TMP DIF	65	69	73	77	81	85	89	93	TOT	M F80	NB F80
17/19	.0	.0	.0	.0	.0	.0	.0	.0	1	.0	.0
14/16	.0	.0	.0	.0	.0	.0	.0	.0	27	.0	.1
11/13	.0	.0	.0	.0	.1	.1	.1	.1	171	.0	.4
9/10	.0	.0	.0	.0	.2	.2	.2	.1	303	.0	.8
7/8	.0	.0	.0	.1	.4	.4	.5	.1	593	.0	1.5
6	.0	.0	.0	.1	.2	.4	.3	.0	414	.0	1.1
5	.0	.0	.0	.2	.9	.9	.4	.0	949	.0	2.4
4	.0	.0	.1	.7	1.8	1.2	.3	.0	1627	.0	4.2
3	.0	.0	.4	1.6	4.9	1.1	.2	.0	1208	.0	3.1
2	.0	.0	.5	2.1	3.4	1.4	.1	.0	3514	.0	9.0
1	.0	.0	1.5	5.2	10.5	1.9	.1	.0	7421	.0	7.4
0	.0	.1	1.8	3.0	5.3	1.2	.0	.0	3995	.0	18.0
-1	.0	.1	1.5	4.7	7.9	.7	.0	.0	5774	.0	10.3
-2	.0	.0	1.7	2.4	3.9	.4	.0	.0	2884	.0	7.7
-3	.0	.0	1.0	2.9	3.6	.2	.0	.0	3012	.0	4.6
-4	.0	.0	.3	1.9	2.0	.0	.0	.0	1783	.0	2.6
-5	.0	.0	.4	1.4	.8	.0	.0	.0	1004	.0	2.5
-6	.0	.1	.4	1.4	.7	.1	.0	.0	271	.0	.7
-7/-8	.0	.0	.2	.4	.1	.0	.0	.0	82	.0	.2
-9/-10	.0	.0	.1	.1	.0	.0	.0	.0	9	.0	.0
-11/-13	.0	.0	.0	.0	.0	.0	.0	.0	3888	.1	99.8
-14/-16	.0	.0	.0	.0	.0	.0	.0	.0	100.0	.1	99.8
TOTAL	.0	.0	.0	.0	.0	.0	.0	.0			
PCT	.4	7.9	29.0	47.8	12.0	2.3	.5				

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-1	.2	.4	.0	.0	.0	.0	.3	.1	.7	.0	.0	.0	.0	1.3
1-2	.1	.7	.4	.0	.0	.0	.1	.1	3.0	3.3	.0	.0	.0	6.3
3-4	.0	.2	.7	.1	.0	.0	.1	.0	1.1	5.3	1.4	.0	.0	7.9
5-6	.0	.0	.2	.1	.0	.0	.0	.0	.2	2.4	1.1	.1	.0	3.7
7	.0	.0	.1	.1	.0	.0	.0	.0	.0	1.1	1.1	.1	.0	2.2
9-9	.0	.0	.1	.1	.0	.0	.0	.0	.3	.8	.1	.0	.0	1.2
10-11	.0	.0	.0	.1	.0	.0	.0	.0	.1	.4	.0	.0	.0	.5
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.2	1.4	1.4	.6	.1	.0	.4	5.3	12.5	5.2	.4	.0	.0	23.6

HGT	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-1	.2	1.9	.1	.0	.0	.0	.3	1.5	.0	.0	.0	.0	1.8
1-2	.2	4.5	4.6	.0	.0	.0	.2	2.0	.7	.0	.0	.0	2.9
3-4	.0	1.3	5.2	1.2	.0	.0	.0	.4	.3	.0	.0	.0	.7
5-6	.0	.1	1.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	.0	.0	.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
9-9	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.5	7.6	12.3	3.0	.1	.0	.4	3.9	1.1	.0	.0	.0	5.4

TABLE 18 PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	S					SW					PCT		
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33		34-47	48+
1-3	.3	1.2	.6	.0	.0	.0	.3	1.6	.1	.0	.0	.0	2.0
4-10	.1	2.2	.6	.0	.0	.0	.2	5.3	4.6	.0	.0	.0	10.0
11-21	.0	.4	.4	.0	.0	.0	.0	1.5	3.5	.4	.0	.0	5.4
22-33	.0	.0	.1	.0	.0	.0	.0	.1	.9	.2	.0	.0	1.2
34-47	.0	.0	.0	.0	.0	.0	.0	.1	.4	.2	.0	.0	.6
48+	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.2
TOT	.4	3.9	1.3	.1	.0	.0	.5	8.6	9.5	.9	.0	.0	19.6

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT
1-3	.2	1.0	.1	.0	.0	.0	1.3
4-10	.1	3.1	2.7	.6	.0	.0	6.6
11-21	.0	.1	.2	.2	.0	.0	1.0
22-33	.0	.0	.0	.1	.0	.0	.1
34-47	.0	.0	.0	.0	.0	.0	.0
48+	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.3	5.1	7.2	1.1	.0	.0	13.0

PERIOD: (OVER-ALL) 1963-1971

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AREA 0004 SAIGON
9.4N 107.4E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)						TOT BOB
	0-3	4-10	11-21	22-33	34-47	48+	
<1	3.7	9.1	.3	.0	.0	.0	13.1
1-2	1.1	21.6	18.1	.0	.0	.0	40.8
3-4	.1	5.9	18.3	3.8	.0	.0	28.1
5-6	.1	.6	5.9	2.2	.1	.0	8.8
7	.1	.1	2.6	2.1	.1	.0	5.0
8-9	.0	.1	.6	1.3	.1	.0	2.1
10-11	.0	.1	.2	.8	.1	.0	1.2
12	.0	.0	.1	.3	.1	.0	.4
13-16	.0	.0	.1	.3	.1	.0	.3
17-19	.0	.0	.1	.3	.1	.0	.1
20-22	.0	.0	.1	.3	.1	.0	.1
23-25	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0
TOT PCT	4.9	37.4	46.1	11.0	.6	.0	100.0
							21161

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																			TOTAL	MEAN HGT
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+		
6-7	4.4	20.0	23.2	5.9	2.7	.7	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	16638	3
8-9	.1	1.9	4.1	3.6	2.6	1.1	.7	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3609	5
10-11	.0	.2	.9	.7	1.0	.6	.5	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1130	7
12-13	.0	.0	.3	.2	.2	.2	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	422	8
13	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	117	0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	54	0
TOTAL	2391	8611	7473	2737	1707	760	482	226	155	41	17	12	10	.0	.0	.0	.0	.0	.0	24830	14
PCT	9.8	34.9	30.3	11.1	6.9	3.1	2.0	.9	.6	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	100.0	3

PERIOD: (PRIMARY) 1934-1971
(OVER-ALL) 1855-1971

AREA 0004 SAIGON
9.4N 107.4E

TABLE 20

PERCENT FREQUENCY OF OCCURRENCE OF SEA TEMP (DEG F) BY MONTH

SEA TMP DEG F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	PCT
96+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0
95.96	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	.0
95.94	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	38	.1
95.92	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	98	.2
89.90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	688	1.4
87.88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2353	5.0
85.86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6792	14.4
83.84	1.5	1.5	4.0	18.0	31.3	26.3	19.9	15.0	16.7	18.2	12.0	3.2	10200	21.6
81.82	3.3	5.4	15.1	28.0	25.3	30.8	30.8	29.9	29.0	31.5	20.9	5.6	11920	25.2
79.80	8.4	12.9	30.0	31.1	14.5	21.2	29.3	35.3	35.0	31.5	35.1	17.3	11920	25.2
77.78	22.7	26.7	26.6	9.0	3.0	5.1	7.9	7.5	8.0	8.9	20.1	35.2	7021	14.9
75.76	31.0	24.5	14.2	2.1	.4	1.2	2.1	4.4	2.6	1.5	7.2	24.9	4441	9.4
73.74	22.4	20.8	6.5	1.5	.1	.6	1.0	1.7	.8	.4	1.9	10.4	2650	5.6
71.72	7.4	5.5	1.7	.1	.1	.2	1.1	.3	.3	.2	.2	2.6	764	1.6
69.70	1.8	2.1	.7	.1	.0	.0	.0	.0	.6	.1	.1	.3	226	.5
67.68	.5	.5	.3	.1	.0	.0	.0	.1	.2	.0	.0	.2	74	.2
65.66	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
63.64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
61.62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
59.60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
57.58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
55.56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
53.54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
51.52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
49.50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
47.48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
45.46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
43.44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
41.42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
39.40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
37.38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
35.36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
33.34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
31.32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
29.30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
27.28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
427	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
TOTAL	4143	3568	3999	4027	4201	4033	4165	4101	3914	3875	3699	3512	47237	100.0
MEAN	77.6	78.2	80.3	83.0	85.0	84.0	83.0	82.7	82.7	83.2	81.7	79.1	81.7	

PERIOD: (PRIMARY) 1954-1971
(OVER-ALL) 1855-1971

AREA 0004 SAIGON
9.4N 107.4E

TABLE 21

PRESSURE (MB)

AVERAGE BY HOUR (GMT)

MO	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	TOTAL OBS
JAN	1012	1013	1012	1010	1011	1012	1012	1011	1012	3555
FEB	1012	1012	1011	1010	1011	1011	1011	1011	1011	2875
MAR	1011	1011	1010	1009	1009	1011	1010	1010	1010	3397
APR	1010	1010	1010	1008	1009	1010	1010	1009	1010	3392
MAY	1008	1009	1008	1007	1007	1008	1008	1008	1008	3613
JUN	1008	1008	1008	1007	1007	1008	1008	1007	1008	3489
JUL	1007	1008	1007	1006	1007	1008	1008	1007	1007	3656
AUG	1007	1008	1007	1006	1007	1008	1008	1007	1007	3533
SEP	1008	1009	1008	1007	1007	1009	1008	1007	1008	3324
OCT	1009	1010	1009	1008	1008	1009	1009	1009	1009	3353
NOV	1010	1011	1010	1009	1009	1010	1010	1009	1010	3182
DEC	1011	1012	1010	1009	1010	1011	1011	1010	1011	2956
ANN	1009	1010	1009	1008	1009	1010	1009	1009	1009	40445
OBS	7309	2123	7943	2486	7943	2321	7939	2361		

PERCENTILES

MO	MIN	1%	5%	25%	50%	75%	95%	99%	MAX
JAN	1005	1006	1008	1010	1011	1013	1016	1018	1020
FEB	1004	1005	1008	1010	1011	1013	1015	1016	1017
MAR	1003	1004	1006	1009	1010	1012	1014	1016	1017
APR	1003	1004	1006	1008	1010	1011	1014	1015	1016
MAY	1002	1003	1004	1006	1008	1009	1011	1013	1015
JUN	999	1002	1004	1006	1008	1009	1011	1012	1016
JUL	1000	1001	1003	1006	1008	1009	1011	1012	1014
AUG	999	1000	1003	1006	1007	1009	1010	1012	1013
SEP	998	1002	1004	1006	1008	1009	1012	1013	1014
OCT	1001	1003	1005	1008	1009	1010	1012	1013	1014
NOV	1002	1003	1006	1008	1010	1011	1013	1014	1016
DEC	1003	1005	1006	1009	1010	1012	1014	1016	1017

USCOMH-SOMA-ASHVILLE, NC--175

VOLUME	AREA	AREA NUMBER	CENTRAL LOCATION
1	1	TONKIN GULF	19.5°N 108.0°E
	2	DA NANG	15.7°N 109.5°E
	3	NHA TRANG	12.5°N 110.0°E
	4	SAIGON	9.3°N 107.3°E
2	5	SOUTHEAST GULF OF SIAM	9.3°N 103.7°E
	6	NORTH GULF OF SIAM	12.0°N 101.0°E
	7	SOUTHWEST GULF OF SIAM	9.0°N 101.0°E
3	8	KUALA TRENGGANU	5.5°N 104.4°E
	9	ENDAU	2.6°N 104.9°E
	10	SOUTH MALACCA STRAIT	2.1°N 102.0°E
	11	NORTH MALACCA STRAIT	6.0°N 99.0°E
4	12	VICTORIA POINT	10.0°N 96.8°E
	13	RANGOON	14.3°N 96.5°E
	14	PAGODA POINT	15.7°N 93.3°E