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Technical Report

MULTI-SCALE SUMMARY OF GLOBAL WAVE STATISTICS

by

Jeffrey D. Campana

.



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Existing North Atlantic Treaty Organization (NATO)global wind and wave climatology is based on wind-wave models that have since been advanced by multiple generations. This work presents updated wind and wave statistics for global, regional, and local regions on annual and seasonal time scales. Results are derived from the publicly available, 30-year long set of Wavewatch III hindcasts run by the US National Oceanic and Atmospheric Administration (NOAA).

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SYMBOLS, ABBREVIATIONS, AND ACRONYMS

IHO ..... International Hydrographic Organization
MFWAM..... Metéo France WAve Model
NATO ..... North Atlantic Treaty Organization
NAVSEA ..... Naval Sea Systems Command
NDBC ..... National Data Buoy Center
NOAA ..... National Oceanic and Atmospheric Administration
NSWCCD ..... Naval Surface Warfare Center Carderock Division
SOWM ..... Spectral Ocean Wave Model
Tp ..... Modal Period, Peak Period
Dp..... Peak Direction
kn..... knots
m ..... meters
sec ..... seconds

ADMINISTRATIVE INFORMATION

This report describes work performed at the Naval Surface Warfare Center, Carderock Division (NSWCCD), West Bethesda, MD by the Naval Architecture and Engineering Department (Code 80) in the Surface Ship Hydromechanics Division Department (Code 85). This work was sponsored by PMS 515, and performed under NSWC Carderock Project DR-851519.

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REVISIONS

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2023-04-20	This revision corrects an error in the four images depicting the annual upper limit sea state probabilities in Appendix K (Figure K-1 through Figure K-4). In the original version, these images incorrectly represented the January probabilities instead of the annual average.

EXECUTIVE SUMMARY

Existing North Atlantic Treaty Organization (NATO) global wind and wave climatology from the 1908s is based on wind-wave models that have since been advanced by multiple generations. This work presents updated wind and wave statistics for global, regional, and local regions on annual and seasonal time scales. Results are derived from the publicly available, 30-year long set of Wavewatch III® hindcasts run by the US National Oceanic and Atmospheric Administration (NOAA).

A cursory comparison to existing environmental guidance shows potentially significant updates, for example to the probability of occurrence and most-probable period in higher sea states. Sea state probability profiles are compared to a separate 26-year long set of Metéo France WAve Model (MFWAM) forecast reanalysis, which corroborates the significant update to regional sea state statistics. Finally, wave buoy observations are used to show that, although the wave models have a tendency to underestimate the occurrence of Sea State 8, the error introduced by this effect is much smaller than the proposed changes to existing guidance.

INTRODUCTION

Accurate estimates of environmental statistics are vital to multiple branches of the naval community. For example, wave height and wave period statistics play important roles in ship design, structural load predictions, and seakeeping operability, whereas accurate seasonal wind-wave climatology is essential in the planning of missions. Existing sources of global wind and wave climatology used by the ship design community (e.g. Lee 1995, Bales et al. 1981, Bales 1982) are based on a first generation wind-wave model, the Spectral Ocean Wave Model (SOWM), operated by the U.S. Navy in the 1970s to model wave conditions in the Northern Hemisphere (Pierson 1982, U.S. Navy 1983, 1985). The advancements in understanding of the physical basis of wind-wave models (e.g. wind-wave interaction, nonlinear wave-wave interactions, wave breaking, etc.) along with advances in computational capabilities have led to development of third generation wave models such as Wavewatch III® (Tolman 2009) and Metéo France WAve Model (MFWAM) (Janssen et al. 2014). These models provide more accurate environmental information than previous generation models, presented at a much high spatial resolution. Whereas first generation models were constrained by computational capabilities to model only a handful of discreet locations, third generation models produce outputs on sub-degree spatial scales for a majority of the globe. This spatial density allows for more informative visualization techniques, as well as the performance of statistical analyses on various spatial scales.

The purpose of this work is to update existing global wind and wave statistics using the latest generation of wind-wave models. This includes recalculation of similar sea state, wave height, wave period, wind speed, and wind/wave direction statistics to those on which the community currently relies (e.g. Lee 1995, Bales et al. 1981). Furthermore, this work presents a collection of heat maps to graphically present wind and wave information at the model output resolution. Results are presented at three spatial scales (global, regional, and local) and various time scales (annual, seasonal, and/or monthly).

DATA AND METHODS

Wave Model Data

The wave model data used to derive the statistics presented in this study is a global 30-year wave climatology generated using Wavewatch III with Ardhuin source terms (Ardhuin et al. 2010), which was run by NOAA's National Center for Environmental Prediction (NCEP) (Chawla et al. 2013). The wind source data is the result of NCEP's Climate Forecast System Reanalysis and Reforecast study, which developed a 30-year homogeneous dataset of hourly, high-resolution winds for the time period from 1979-2009. Specifically, the data used here is the Wavewatch III output for the entire globe on a ½° grid, providing hindcast estimates of significant wave height, peak wave direction, modal wave period, wind speed, and wind direction. An example of significant wave height estimated for a single time point is shown in Figure 1.

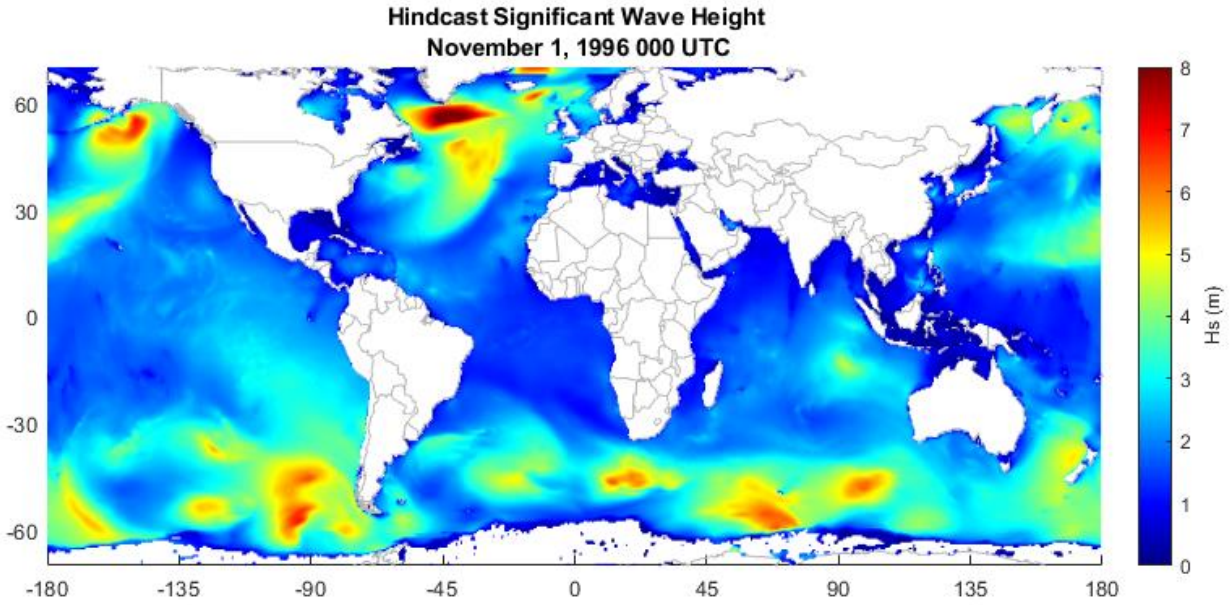


Figure 1. One example of significant wave height output from ½ degree Wavewatch III hindcast

To remain consistent with previous work (e.g. WMO 1998, Lee and Bales 1980, Bales et al. 1981, Bales 1982), the term "modal period" will be used to describe the period corresponding to the frequency at the peak of the wave energy spectrum, also often referred to as the "peak period". Similarly, the term "peak direction" corresponds to the direction from which the waves of peak energy are traveling. Sea states are defined using the World Meteorological Organization (WMO) Sea state code (Table 1).

Table 1. Definition of Sea State

Sea State	Significant Wave Height (m)	
	Range	Mean
1	0 - 0.1	0.05
2	0.1 – 0.5	0.30
3	0.5 – 1.25	0.88
4	1.25 – 2.5	1.88
5	2.5 – 4.0	3.25
6	4.0 – 6.0	5.00
7	6.0 – 9.0	7.50
8	9.0 – 14.0	11.50
>8	>14.0	-

Wind speeds presented in this work represent wind speed at a height of 10 m above the ocean surface. Though it has become standard to represent wind speed at a height of 10 m, earlier work often reports wind speed at a height of 19.5 m. By assuming the near-surface boundary layer is neutral, a common way to estimate the 19.5 m wind speed from the 10 m wind speed is to multiply by a correction factor of 1.075 (WMO 1998).

Global Region Definitions

To provide the most versatile set of environmental information, statistics were calculated on three different spatial scales:

1. Global
2. Regional
3. Gridded

Global statistics are presented in the form of heat maps, which provide a large-scale view as well as insight into spatial patterns of various processes.

“Regions” are defined as eight major oceans and/or seas, whose geographical definitions are shown in Figure 2. These regions include the five major ocean basins (North/South Pacific, North/South Atlantic, and Indian) as well as the Mediterranean, Black, and North Seas. Geographical boundaries used to define these regions were derived from a combination of previous work and formal ocean boundary definitions provided by the International Hydrographic Organization (IHO 1953). Because of the significant difference between the climatology of the equatorial and high latitude regions of the North Atlantic and Indian Oceans, these two regions have been divided into sub-regions, “Northern North Atlantic (Indian)” and “Southern North Atlantic (Indian)”. Statistics for each region are calculated individually and presented in plots and tables.

On a local scale, the globe is divided into 104 global “grids” defined graphically in Figure 3. To provide consistency, the grids used for this study are those drawn by Hogben et al. (1986), and used in multiple subsequent studies of global wave statistics.

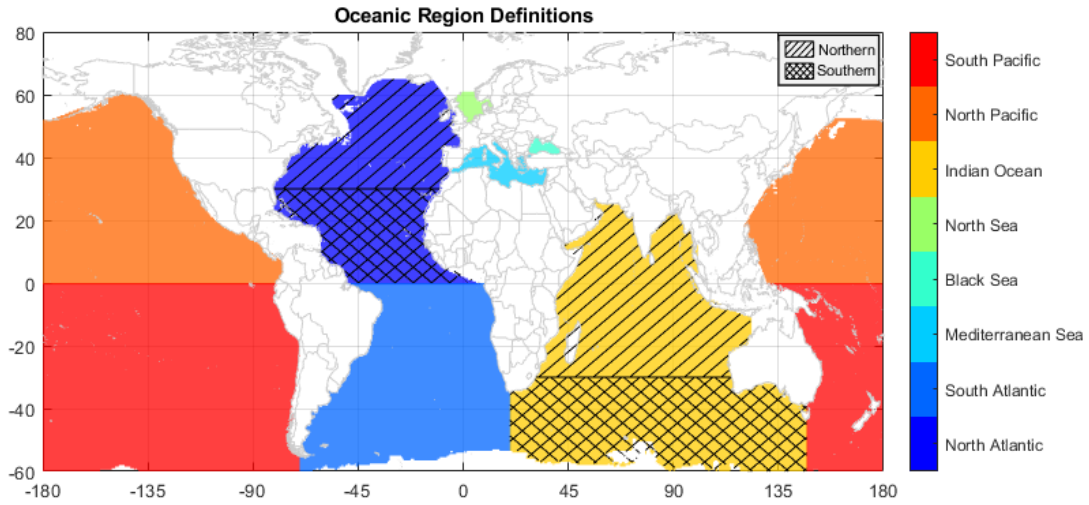


Figure 2. Definition of regions and northern/southern subregions used to separate global environmental statistics

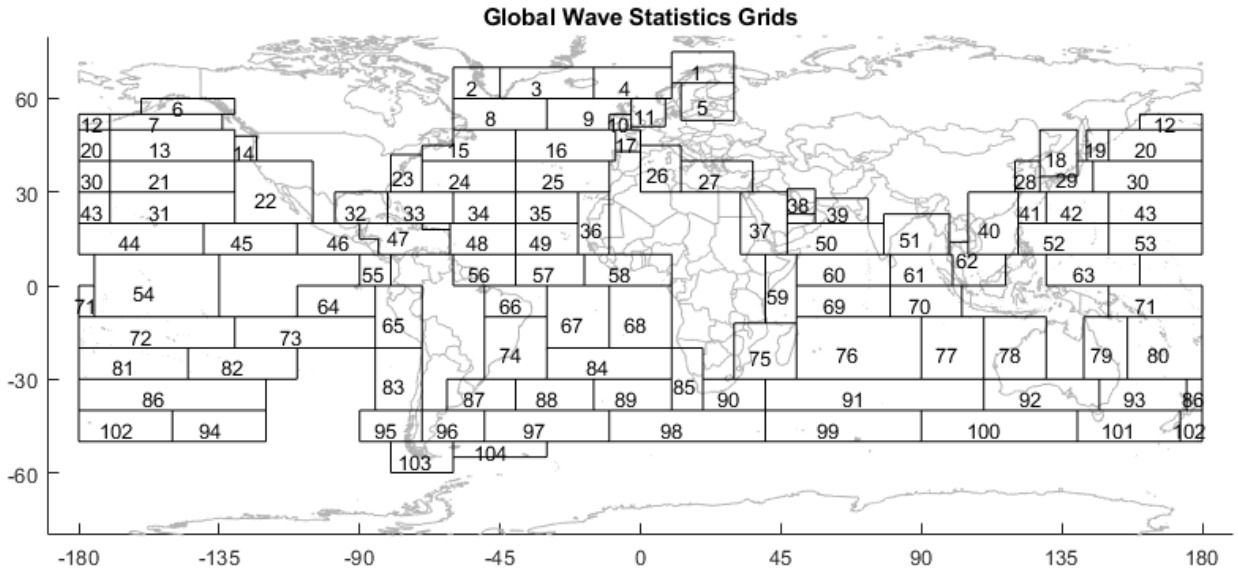


Figure 3. Definition of global grid used for localized environmental statistics

Statistical Methods

Though the statistics presented here are no more complicated than means, modes, percentiles, and probabilities, the complexity of the time and spatial scales of the data makes it important to define how these statistics were calculated.

As a value on a heat map, a mean value is the arithmetic mean for all values at that location for the 30-year time period. As a tabular value representing a region or grid, a mean is the true arithmetic mean for all points that lie within that grid for the 30-year time period. Similarly, the mode (or "most probable") value of a region or grid is the most prevalent value occurring within that area over the full time period, not an average or mode of the individual point modes. Percentiles are calculated in a similar manner. A single missing value for a location results in the removal of that location's contribution to a statistic for region or grid.

Probabilities presented in this work represent the percent time of occurrence within the 30 years of data available. For example, a 10% probability of occurrence of Sea State 7 means that Sea State 7 occurs for 10% of the total number of modeled time steps. Though this time scale is sufficient to minimize bias due to annual and decadal oscillations, longer term climatic-scale shifts or multi-decadal scale oscillations will have an effect on these statistics.

RESULTS

Wind and wave statistics were calculated for global, regional, and gridded spatial scales and are presented in the appendices as a collection of heat maps, tables, and plots.

Table 2 describes how the regional and gridded results are organized in Appendix A through G. Appendix A and Appendix B contain tables of annual and monthly sea state statics, respectively, for each of the twelve regions defined in Figure 2. Appendix C contains similar statistics, but calculated with respect to evenly spaced wave heights rather than by sea state. Tables and plots displaying the conditional probabilities of significant wave height and modal period within each region are displayed in Appendix D. The corresponding most probable period

for each wave height and for each sea state are plotted in Appendix E. Appendix F and Appendix G contain the same statistics as Appendix C and Appendix D, respectively, but separated for each of the 104 spatial grids defined in Figure 3.

Table 2. Organization of regional and gridded statistics results

	Appendix	Name	Description	Time Period
Regional	A	Annual Sea State Statistics	Percent Occurrence and statistics of Wind and Tp for Sea States 1-8+	Annual
	B	Monthly Sea State Statistics	Percent Occurrence and statistics of Wind and Tp for Sea States 1-8+	Monthly
	C	Statistics by Wave Height	Percent Occurrence and Statistics of Wind and Tp for 1m Hs bins	Annual, Summer, Winter
	D	Tp-Hs Joint Statistics	Conditional Probabilities of occurrence of Hs-Tp bins (Tables and Plots)	Annual, Summer, Winter
	E	Most Probable Period Plots	Hs and SS vs Most-probable Tp with 5^{th} – 95^{th} percentiles	Annual, Summer, Winter
Gridded	F	Gridded Statistics by Wave Height	Percent Occurrence and Statistics of Wind and Tp for 1m Hs bins	Annual, Summer, Winter
	G	Gridded Tp-Hs Joint Statistics	Conditional Probabilities of occurrence of Hs-Tp bins	Annual, Summer, Winter

Heat maps were created to display statistics results on a global scale. Table 3 describes how these heat maps are organized in Appendix H through K. Appendix H through J contain heat maps representing the probability of Sea States 2-8 as well as their associated most-probable period, wave direction, wind speed, and wind direction. Appendix K contains heat maps of "Upper (Lower) Limit Sea State Probability", representing the probability of encountering waves within a given sea state or smaller (larger). Heat maps were created representing annual and monthly averages.

Table 3. Organization of global statistics heat maps

Appendix	Name	Sea State	Time Period
H	Sea State Probability of Occurrence	2-8	Annual, Monthly
I	Most Probable Period and Peak Direction	2-8	Annual, Monthly
J	Most Probable Wind Speed and Wind Direction	2-8	Annual, Monthly
K	Upper and Lower Limit Sea State Probability	3-6	Annual, Monthly

DISCUSSION

Comparison to Existing Guidance

The primary aim of this work is to provide environmental statistics to update those based on first generation SOWM on which the ship design community currently relies. Though a

detailed comparison between existing and updated guidance may be done at a later date, the following comparison highlights a few key updates that impact the ship community specifically. In an attempt to fairly compare the effect of the two wave models, the following statistics were calculated at the same 11 geographical locations, shown in Figure 4, originally used for the SOWM North Atlantic sea state tables (i.e. these values differ from those presented in Appendix A) (Lee 1995, Bales et al. 1981, Bales 1982). Remaining differences between the two wave models are due to the different time scales spanned and the physics incorporated in the models, with the latter likely to have a larger effect.

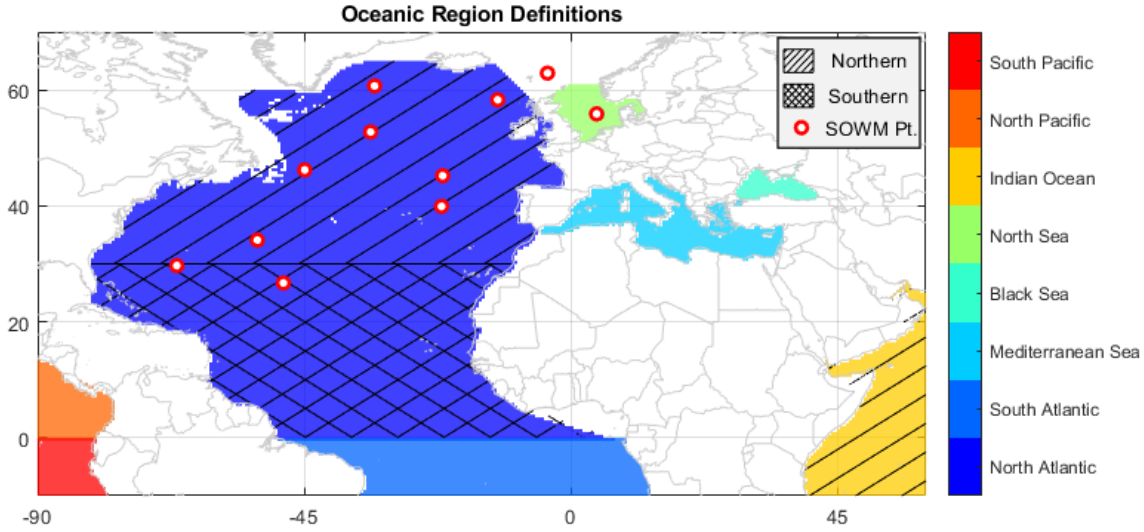


Figure 4. Location of SOWM nodes used to calculate existing guidance on North Atlantic wave statistics overlaid on new region definitions

A comparison between sea state probability of occurrence shows significant differences between SOWM and Wavewatch III results as shown in Figure 5. Specifically, Wavewatch III suggests Sea State 4 is approximately 30% more likely to occur than SOWM suggests. The remainder of this probability difference is spread between the higher and lower sea states, in which Wavewatch III predicts lower probabilities. The lower probability of high sea states (i.e. 7-8+) has a potentially significant impact on ship design and will be revisited in following sections.

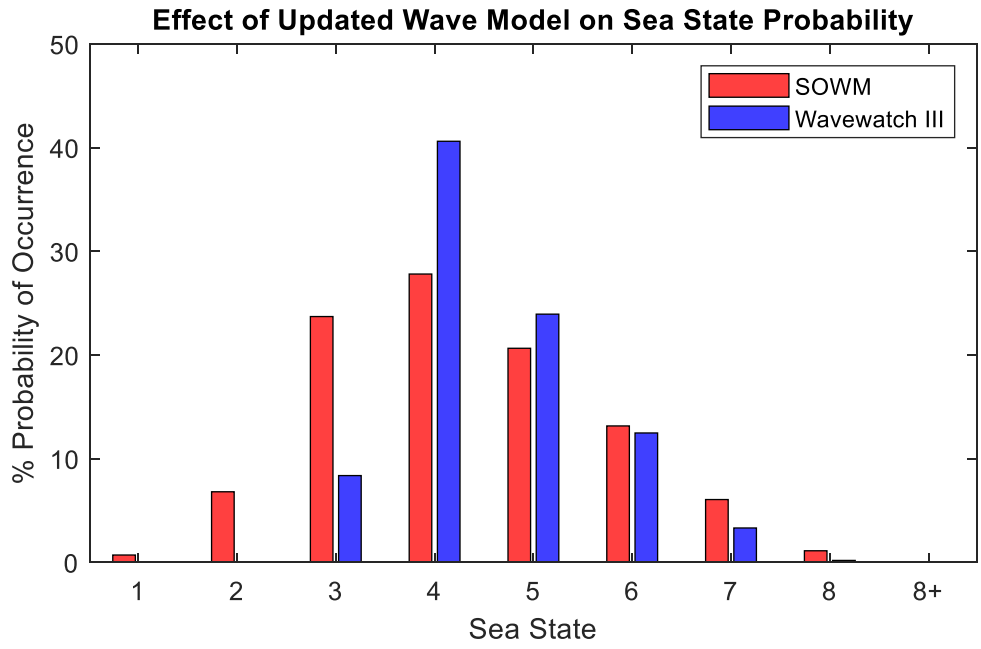


Figure 5. Comparison of sea state probabilities at the same 11 locations derived from first generation SOWM and third generation Wavewatch III models

Despite the large differences in sea state probabilities in moderate sea states (SS 3-5), the most-probable period within those sea states estimated by SOWM and Wavewatch III appears to be consistent as seen in Figure 6. However, Wavewatch III estimates suggest the most-probable periods of higher sea states are shorter.

A significant advantage of leveraging the newer generation wave models is their global spatial coverage. Updated wave statistics tables presented in Appendices A through E represent data that covers a much larger area than existing guidance. For example, the North Atlantic as defined in Figure 2 is made up of 16,509 spatial points compared to SOWM's 11 shown in Figure 4. Though this is a more complete representation of the entire North Atlantic, the resulting statistics do not accurately represent the significantly different environments of the Equatorial Atlantic and Northern North Atlantic (leading to the separate consideration of North Atlantic and, similarly, Indian Ocean sub-regions). As Figure 4 shows, the 11 SOWM locations are clustered north of 30 degrees North, and thus existing North Atlantic climatology more accurately represents the Northern North Atlantic sub-region. This is an important distinction to acknowledge when comparing the updated "North Atlantic Sea State Probabilities" presented in the appendix with the existing North Atlantic guidance.

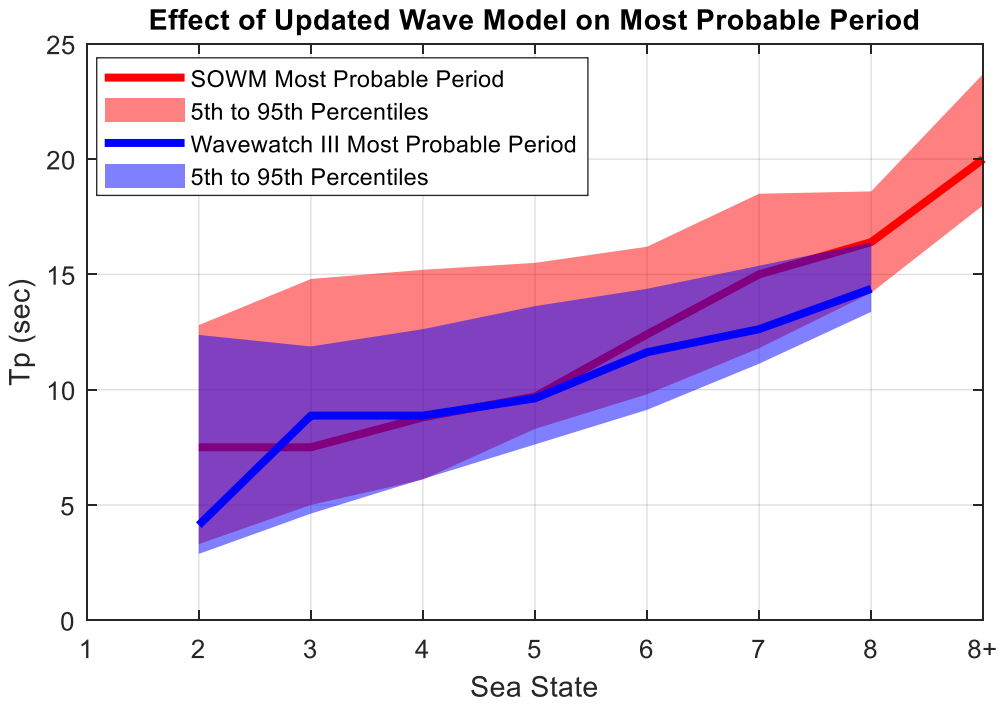


Figure 6. Comparison of most-probable period derived from first generation SOWM and third generation Wavewatch III models

Discontinuities in Modal Period Heat Maps

Though a thorough discussion of the many spatial patterns that appear in the results presented in the Appendices is left for future work, one outstanding feature that warrants discussion is the appearance of discontinuous gradients in the heat maps of the most-probable modal period in APPENDIX I:. One such map is redrawn in Figure 7, with two highlighted locations on either side of a jump in the annual most-probable period in Sea State 5 in the Eastern Pacific. This jump occurs from approximately 9 seconds to 15 seconds within a distance of less than 10 degrees longitude. The cause of this jump can be seen in the normalized histograms of modal periods at these two locations in Figure 7. Both histograms display two peaks: one longer period peak, representing the presence of swell propagating from distant storms, and one shorter period peak, representing locally generated wind-waves. Traveling from west to east, the jump occurs where it becomes more likely that Sea State 5 is generated primarily by longer period waves, or when the histogram's long period peak overtakes the short period peak.

The mechanism behind these modal period discontinuity suggests that, in the area surrounding a modal period jump, the modal periods represented on both sides of the jump are nearly equally as likely to be present in a given sea state on an annual basis. For the example discussed here, when operating in the area of the two highlighted locations in Sea State 5, one should expect a nearly equal likelihood of encountering long or short periods. However, it is important to note that these patterns change on a monthly basis. The two peaks the histograms discussed here in fact represent seaways that occur during different seasons, which can be seen in **Error! Reference source not found.** to **Error! Reference source not found.**. This means that,

although on an annual basis both peaks are equally likely to occur in Sea State 5, they are not likely to occur simultaneously.

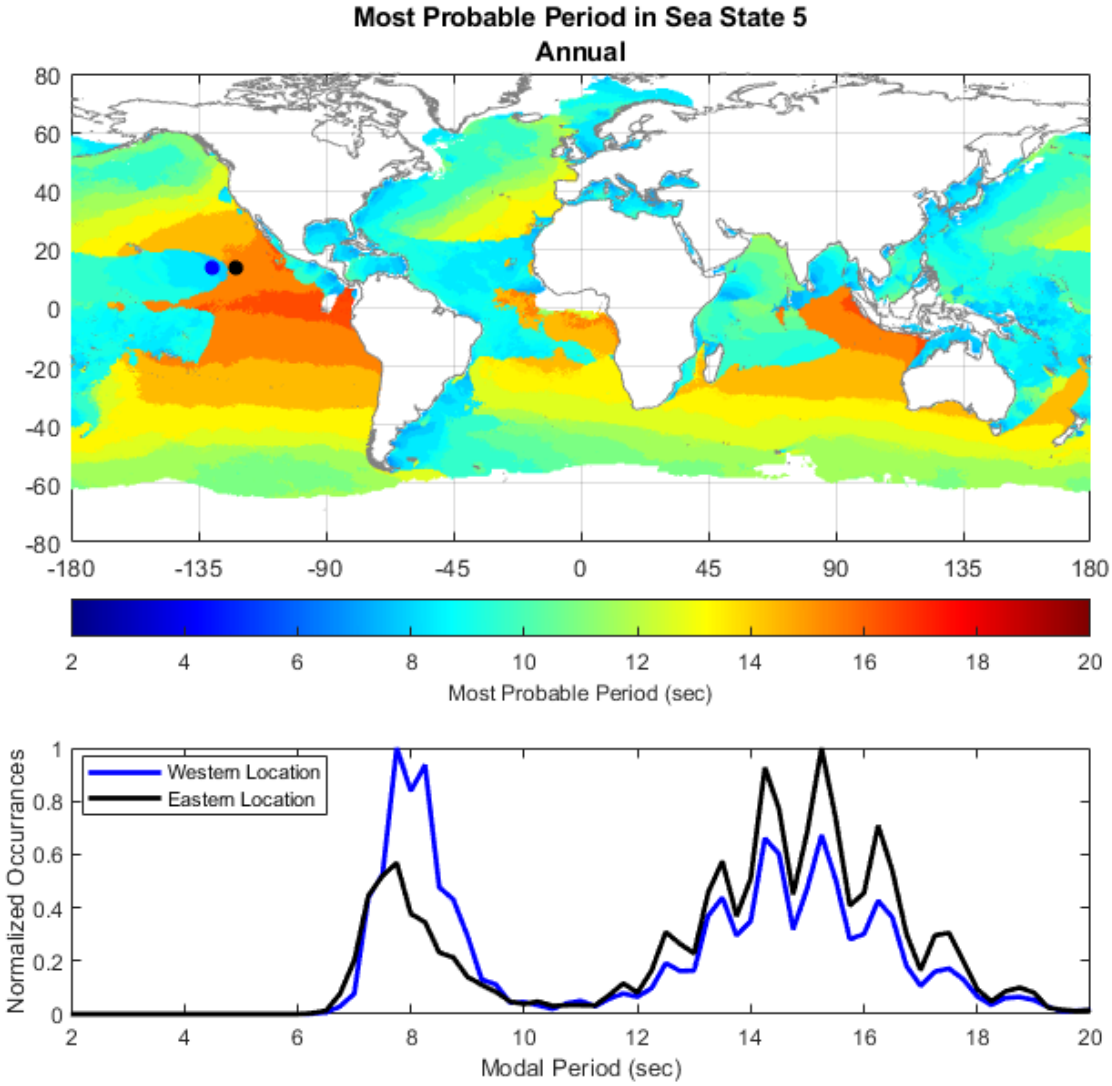


Figure 7. An example heat map of most probable period with a western location (blue) and wastern location (black) chosen on either side of a sharp gradient (above). Histograms of the model periods used to estimate the most probable periods for these two locations (below).

Data Source Comparison

Though it is beyond the scope of this work to discuss details of the existing gaps in current wave models' abilities to capture the physics of energy exchange, it is important to note that these gaps exist. Two important limitations of these models are the degraded performance in high latitudes and incomplete characterization of extreme events such as hurricanes. In an attempt to quantify the effect of any limitation in the wave model, a cursory comparison between modeled waves and buoy wave observations has been performed. First, the Wavewatch III data

used for this study is compared to Metéo France's MFWAM to ensure there are minimal biases in the environmental statistics based on two similar models. Second, the Wavewatch III results are compared to co-located wave buoy observations.

One specific area of concern is the update to the percent probability of occurrence of the higher sea states (i.e. Sea States 7 and 8). Existing guidance suggests, for example, the percent occurrence of Sea State 8 is 1.1% (Bales et al. 1981), whereas the new analysis suggests a value of 0.1% is more likely. This order of magnitude difference has the potential to affect existing ship design and heavy sea guidance for operations in the North Atlantic. Because of its importance, this example will be used to illustrate the following comparisons to MFWAM output and wave buoy observations.

Metéo France WAve Model (MFWAM)

Sea state statistics were reanalyzed for the 26-year (1993-2018) dataset of MFWAM Reanalysis hosted by E.U. Copernicus Marine Service Information. Probabilities of sea state occurrences were calculated for each of the eight major regions and compared to results from Wavewatch III in Figure 8. Results show very good agreement between the two third generation wave models, both of which show the same trends in disagreement between the first generation SOWM in the northern hemisphere regions (i.e. where SOWM data exists). Specifically in reference to the example above, the MFWAM percent occurrence of Sea State 8 in the North Atlantic is 0.16%, consistent with Wavewatch III's order of magnitude decrease from the existing SOWM guidance. Though the agreement between the two third generation models is expected as they share the same underlying physics, it is reassuring to conclude the differences in model resolution, dates spanned, and data assimilation differences do not have a significant effect on the multi-decade sea state statistics.

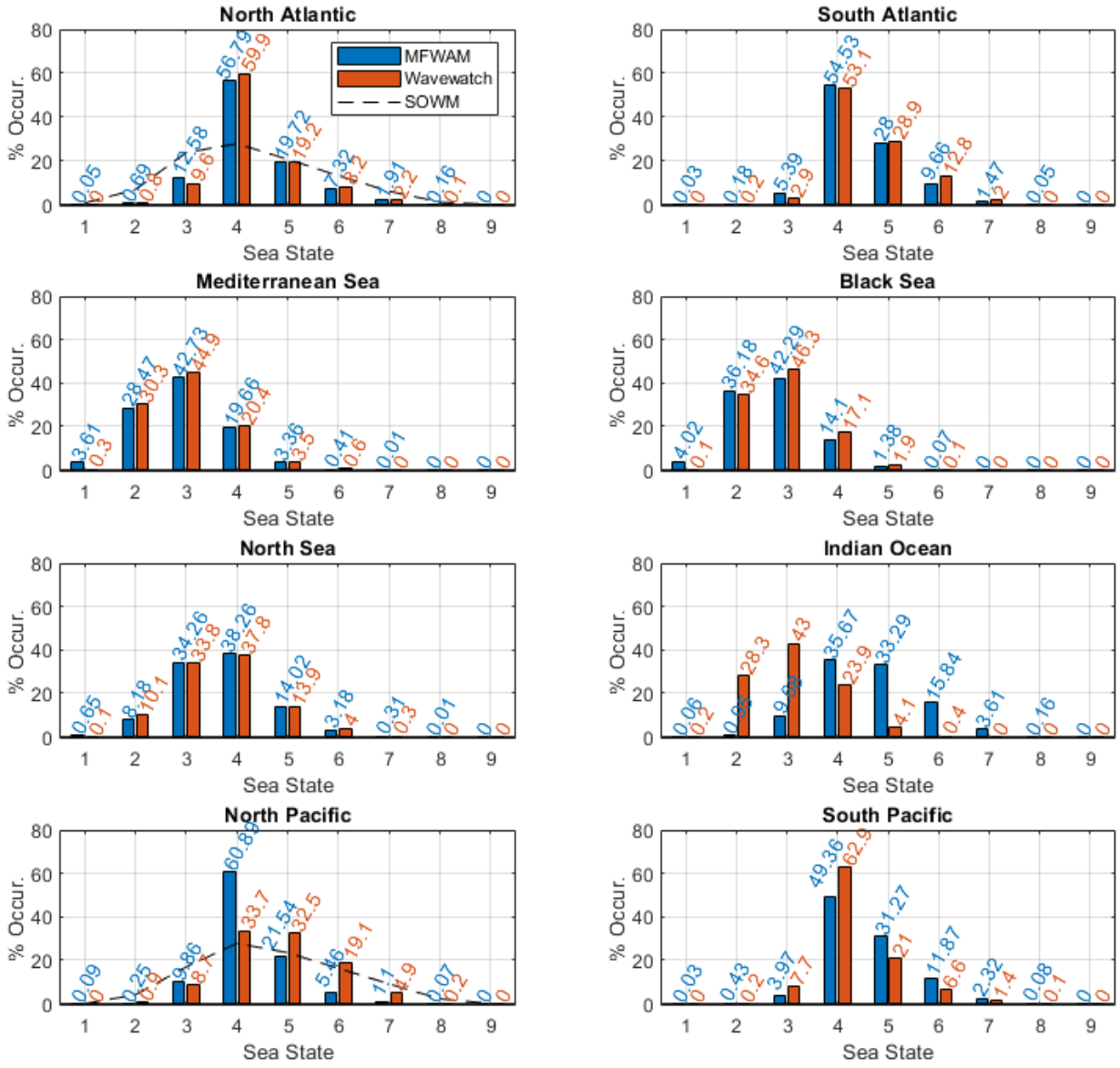


Figure 8. Global sea state probabilities from MFWAM (blue) and Wavewatch III (red) compared to select regions of SOWM (dashed line)

Wave Buoy Observations

Arrays of moored wave buoys provide a reliable source of wave information in various regions around the globe. Though they are limited to observing conditions in one location, some buoy stations have been maintained for more than 30 years, providing a sufficient time series from which to estimate similar statistics to those presented in this work. A large majority of wave buoys are moored in coastal waters, where they are cheaper to moor, easier to maintain, and provide more relevant data for coastal navigation, recreation, and safety guidance. However, the ½ degree resolution wave model used for this study is not well suited to predict wave conditions in near coastal regions, where waves interact with complex bathymetry and coastlines, local current shear, and other fine spatial scale dynamics. Of the 1000+ individual wave buoy time series available from NOAA and the E.U. Copernicus Marine Service Information Near

Real Time global wave observations, 45 were selected for comparison to wave model-based statistics based on their water depth (deeper than 1000m), distance to the nearest coastline (at least 100km), and length of time series (at least 5 years).

The percent probability of occurrence for each of these buoys was calculated for each sea state and compared with those estimated from Wavewatch III. Figure 9 shows the results for Sea State 8, where the white circles represent the buoy locations and the circle's fill color represents the probability of Sea State 8 during its station operation period. Though sparsely sampled, the general spatial structure of the wave buoy probabilities agrees with that estimated by the model. However, the model appears to bias low, particularly in areas of higher probability.

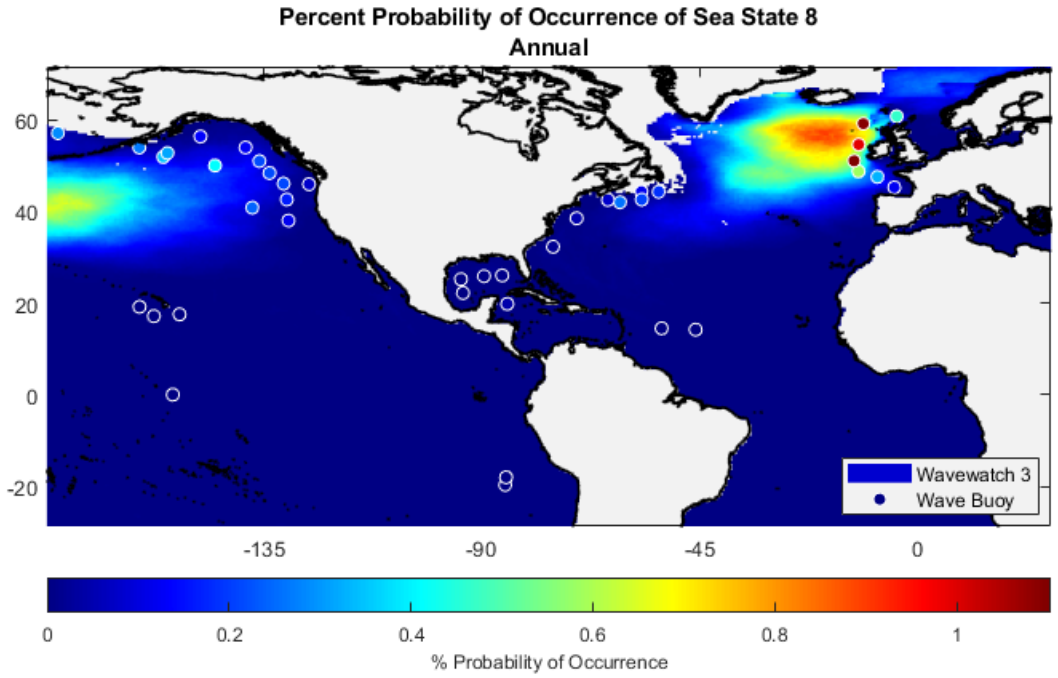


Figure 9. Percent occurrence of Sea State 8 for buoy observations (filled circles) overlaid on the Wavewatch III Sea State 8 annual percent probability of occurrence heat map.

One possible source of this bias can be seen in a comparison of the wave height time series from a wave buoy and the nearest model node in Figure 10. During this two-month example, the wave buoy made multiple observations of separate Sea State 8 events. However, the wave model prediction appears to miss these sharp, relatively short-lived wave height peaks, leading to an under-representation of the Sea State 8 occurrence rate. Though this is most likely due to a characteristic of the model's representation of the physics and therefore not within the scope of this work to resolve, it is more important to estimate its effect on sea state statistics presented in the results.

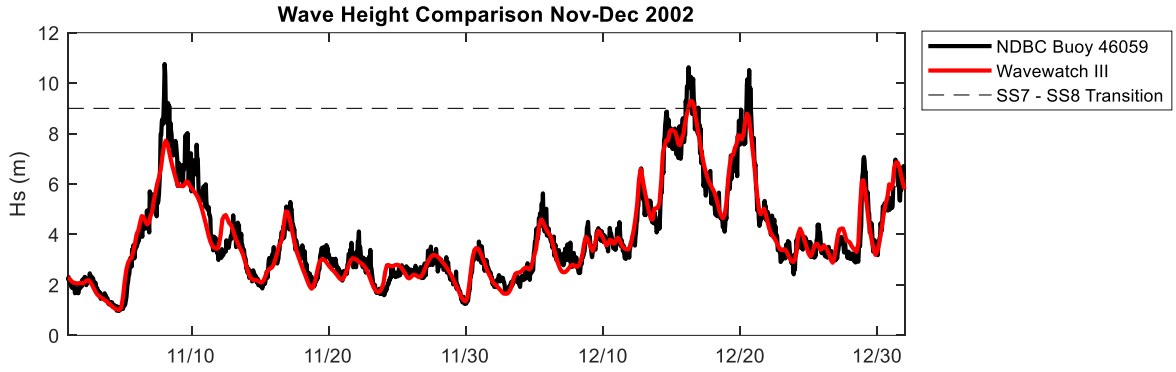


Figure 10. Two-month time series comparison between NDBC Buoy and Wavewatch III

From Figure 10, it is clear that the bias of Sea State 8 probability estimates between the model and wave buoys will be larger for wave buoys that observe more Sea State 8 events. This relationship is confirmed in Figure 11, which shows the bias in Sea State 8 probability estimates for the 45 buoy locations. The points with a buoy probability below 0.4% nearly fall on a line of a slope of 1, indicating that the model estimated the probability of Sea State 8 at these locations to be near 0. However, the six buoys with higher occurrence probability of Sea State 8 observed Sea State 8 at approximately twice the occurrence rate of the model. For example, the three buoys with the highest occurrence rate of Sea State 8,located west of Ireland in Figure 9, observed Sea State 8 approximately 1-1.2% of their 25-30 year deployments. The model at those locations suggest a probability of occurrence of 0.5-0.7%, approximately half that of the buoys.

In conclusion, the comparison between modeled probability of Sea State 8 and that observed by wave buoys suggests a bias of at most a factor of two. Though this is significant, this effect is much smaller than the suggested update to the North Atlantic annual probability of occurrence of Sea State 8, which is by a factor of 10. Therefore, the results of this work shown in the appendices are not adjusted to account for any bias suggested by the buoy analysis. This would require a more thorough analysis and is left for future work.

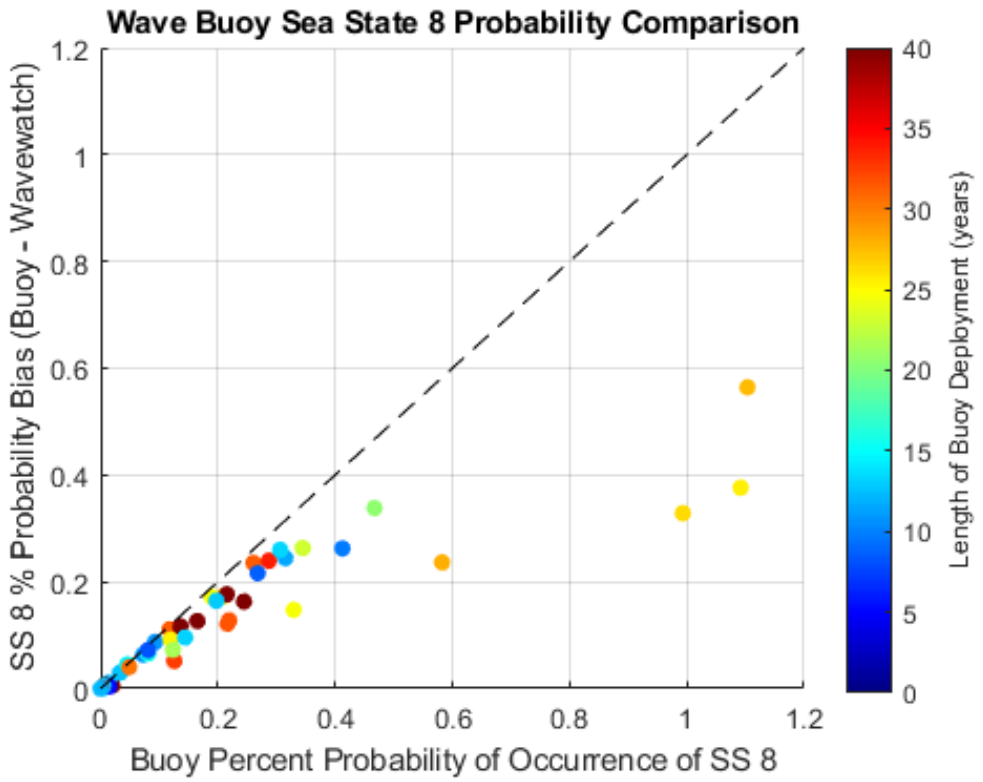


Figure 11. Bias in estimates of Sea State 8 probability of occurrence between Wavewatch III and wave buoys.

CONCLUSION

A new set of global wave and wind statistics have been presented, providing updated guidance to the naval community. Results are separated into various spatial scales to provide information on global, regional, and locally gridded bases. Seasonal and monthly statistics are also presented at select spatial scales for temporal granularity.

A brief comparison to existing environmental guidance shows potentially significant updates to wave statistics, including an order of magnitude lower probability of occurrence of higher sea states and shorter most-probable periods within higher sea states. This finding was shown to be consistent for statistics calculated from a different third generation wave model. Finally, wave buoy observations were used to show that, although the wave models show a tendency to underestimate the occurrence of Sea State 8, this bias is smaller than the order of magnitude difference between existing and updated guidance.

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APPENDIX A: Annual Sea State Statistics

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Table A-1. Annual Sea State Statistics for North Atlantic

North Atlantic							
Sea State Number	Significant Wave Height (m)		Sustained Wind Speed (knots)		Percentage Probability of Occurrence	Modal Wave Period	
	Range	Mean	Range	Mean		Range	Most Probable
0-1	0.0 - 0.1	0.05	0.5-7.1	4.1	0.0	1.4-8.6	2.3
2	0.1 - 0.5	0.30	1.6-11.3	6.9	0.8	3.1-11.7	5.9
3	0.5 - 1.25	0.88	2.4-13.4	8.8	9.6	5.8-12.7	8.5
4	1.25 - 2.5	1.88	4.7-19.6	13.6	59.9	6.6-12.9	9.1
5	2.5 - 4.0	3.25	8-25.8	19.8	19.2	7.6-13.8	10.2
6	4.0 - 6.0	5.00	11-33.3	25.6	8.2	9.2-14.2	12.0
7	6.0 - 9.0	7.50	20-39.6	33.5	2.2	11-14.8	13.0
8	9.0 - 14.0	11.50	32.8-46.4	39.9	0.1	13.3-16	14.7
>8	>14.0	-	-		0.0	-	

Table A-2. Annual Sea State Statistics for Northern North Atlantic

Northern North Atlantic							
Sea State Number	Significant Wave Height (m)		Sustained Wind Speed (knots)		Percentage Probability of Occurrence	Modal Wave Period	
	Range	Mean	Range	Mean		Range	Most Probable
0-1	0.0 - 0.1	0.05	0.5-7.5	4.0	0.0	1.6-9.8	2.4
2	0.1 - 0.5	0.30	1.5-11.5	6.9	0.4	3.1-12.3	5.9
3	0.5 - 1.25	0.88	2.2-14.1	8.8	9.7	5.5-12.7	8.0
4	1.25 - 2.5	1.88	4.2-21	13.7	43.3	6.2-12.2	8.9
5	2.5 - 4.0	3.25	7.2-27.9	20.4	27.6	7.5-13	10.4
6	4.0 - 6.0	5.00	11.3-34.2	26.5	14.9	9.1-13.8	11.8
7	6.0 - 9.0	7.50	20.1-39.7	33.6	4.0	11-14.8	13.0
8	9.0 - 14.0	11.50	32.8-46.4	39.9	0.2	13.3-16	14.7
>8	>14.0	-	-		0.0	-	

Table A-3. Annual Sea State Statistics for Southern North Atlantic

Southern North Atlantic							
Sea State Number	Significant Wave Height (m)		Sustained Wind Speed (knots)		Percentage Probability of Occurrence	Modal Wave Period	
	Range	Mean	Range	Mean		Range	Most Probable
0-1	0.0 - 0.1	0.05	0.6-5.5	4.2	0.0	0.9-4	2.1
2	0.1 - 0.5	0.30	1.7-10.7	6.6	1.3	3-10.1	6.0
3	0.5 - 1.25	0.88	2.6-12.6	8.8	9.7	6.1-12.7	9.1
4	1.25 - 2.5	1.88	5.2-17.8	13.5	78.8	7-13.8	9.2
5	2.5 - 4.0	3.25	9-23.1	18.9	9.6	7.7-14.8	9.9
6	4.0 - 6.0	5.00	9.9-31	23.2	0.6	9.3-15.1	12.5
7	6.0 - 9.0	7.50	18.4-37.7	30.0	0.0	11.4-15.4	14.3
8	9.0 - 14.0	11.50	-		0.0	-	
>8	>14.0	-	-		0.0	-	

Table A-4. Annual Sea State Statistics for South Atlantic

South Atlantic							
Sea State Number	Significant Wave Height (m)		Sustained Wind Speed (knots)		Percentage Probability of Occurrence	Modal Wave Period	
	Range	Mean	Range	Mean		Range	Most Probable
0-1	0.0 - 0.1	0.05	1-5.9	4.7	0.0	0.9-2.7	1.9
2	0.1 - 0.5	0.30	2.4-14.3	9.2	0.2	2.2-12.3	3.7
3	0.5 - 1.25	0.88	3-14.2	9.8	2.9	6.1-14.3	9.3
4	1.25 - 2.5	1.88	4.9-19.9	13.4	53.1	7.1-14.2	10.5
5	2.5 - 4.0	3.25	7.6-25.2	18.5	28.9	7.9-14.2	11.2
6	4.0 - 6.0	5.00	11.7-32.2	25.1	12.8	9.2-14.2	11.8
7	6.0 - 9.0	7.50	21.2-38.6	32.5	2.0	11-14.6	12.8
8	9.0 - 14.0	11.50	31.4-46.3	39.0	0.0	13.3-16.4	14.6
>8	>14.0	-	-		0.0	-	

Table A-5. Annual Sea State Statistics for Mediterranean Sea

Mediterranean Sea							
Sea State Number	Significant Wave Height (m)		Sustained Wind Speed (knots)		Percentage Probability of Occurrence	Modal Wave Period	
	Range	Mean	Range	Mean		Range	Most Probable
0-1	0.0 - 0.1	0.05	0.4-5.8	3.6	0.3	1.6-4.2	2.2
2	0.1 - 0.5	0.30	1.4-11	6.5	30.3	2.3-5.9	3.2
3	0.5 - 1.25	0.88	3.7-17.2	11.5	44.9	3.4-7.2	5.0
4	1.25 - 2.5	1.88	8-24.8	18.0	20.4	5.1-8.6	6.7
5	2.5 - 4.0	3.25	15.8-31.9	25.6	3.5	7-9.9	8.4
6	4.0 - 6.0	5.00	23.3-36.8	31.7	0.6	8.8-11.2	10.0
7	6.0 - 9.0	7.50	-		0.0	-	
8	9.0 - 14.0	11.50	-		0.0	-	
>8	>14.0	-	-		0.0	-	

Table A-6. Annual Sea State Statistics for Black Sea

Black Sea							
Sea State Number	Significant Wave Height (m)		Sustained Wind Speed (knots)		Percentage Probability of Occurrence	Modal Wave Period	
	Range	Mean	Range	Mean		Range	Most Probable
0-1	0.0 - 0.1	0.05	0.4-5.7	4.0	0.1	1.6-2.7	2.1
2	0.1 - 0.5	0.30	1.5-11.4	6.9	34.6	2.2-5	3.0
3	0.5 - 1.25	0.88	4.4-18.2	12.1	46.3	3.3-6.3	4.7
4	1.25 - 2.5	1.88	9.4-25.7	19.1	17.1	5-7.8	6.3
5	2.5 - 4.0	3.25	16-32.3	26.0	1.9	6.9-9.4	8.0
6	4.0 - 6.0	5.00	25.8-37.8	33.0	0.1	8.5-10.3	9.3
7	6.0 - 9.0	7.50	-		0.0	-	
8	9.0 - 14.0	11.50	-		0.0	-	
>8	>14.0	-	-		0.0	-	

Table A-7. Annual Sea State Statistics for North Sea

North Sea							
Sea State Number	Significant Wave Height (m)		Sustained Wind Speed (knots)		Percentage Probability of Occurrence	Modal Wave Period	
	Range	Mean	Range	Mean		Range	Most Probable
0-1	0.0 - 0.1	0.05	0.5-6	4.2	0.1	1.6-3.3	2.1
2	0.1 - 0.5	0.30	1.3-10.8	6.6	10.1	2.6-10.5	4.0
3	0.5 - 1.25	0.88	3.7-17.7	11.8	33.8	3.7-10.3	5.3
4	1.25 - 2.5	1.88	8.4-25.8	18.7	37.8	5.2-10.6	6.6
5	2.5 - 4.0	3.25	15.6-33.4	25.9	13.9	6.9-11.2	8.4
6	4.0 - 6.0	5.00	23.7-38.8	32.9	4.0	8.6-12.2	9.9
7	6.0 - 9.0	7.50	29.9-43.7	36.9	0.3	10.4-14	11.7
8	9.0 - 14.0	11.50	-		0.0	-	
>8	>14.0	-	-		0.0	-	

Table A-8. Annual Sea State Statistics for Indian Ocean

Indian Ocean							
Sea State Number	Significant Wave Height (m)		Sustained Wind Speed (knots)		Percentage Probability of Occurrence	Modal Wave Period	
	Range	Mean	Range	Mean		Range	Most Probable
0-1	0.0 - 0.1	0.05	0.5-6.2	3.9	0.0	1.7-5	2.4
2	0.1 - 0.5	0.30	1.4-10.3	6.5	0.9	5.7-14.1	8.7
3	0.5 - 1.25	0.88	2.2-13.1	8.3	8.7	6.6-14.9	10.7
4	1.25 - 2.5	1.88	4.4-19.3	13.0	33.7	7.8-14.8	11.6
5	2.5 - 4.0	3.25	7.7-24.8	17.8	32.5	8.3-15	12.1
6	4.0 - 6.0	5.00	11.4-31	23.4	19.1	9.6-15.2	12.8
7	6.0 - 9.0	7.50	17.6-37	31.8	4.9	11.5-15.8	13.9
8	9.0 - 14.0	11.50	30.8-44.8	38.1	0.2	13.5-16.5	15.0
>8	>14.0	-	-		0.0	-	

Table A-9. Annual Sea State Statistics for Northern Indian Ocean

Northern Indian Ocean							
Sea State Number	Significant Wave Height (m)		Sustained Wind Speed (knots)		Percentage Probability of Occurrence	Modal Wave Period	
	Range	Mean	Range	Mean		Range	Most Probable
0-1	0.0 - 0.1	0.05	0.5-6.2	3.9	0.0	1.7-5	2.4
2	0.1 - 0.5	0.30	1.2-9.1	5.6	1.7	6.8-14.9	10.0
3	0.5 - 1.25	0.88	2-12.4	7.7	17.4	6.9-15.2	11.1
4	1.25 - 2.5	1.88	4.8-17.8	12.9	53.2	7.5-15.5	11.8
5	2.5 - 4.0	3.25	9.8-23.1	18.1	25.2	8.2-15.4	12.0
6	4.0 - 6.0	5.00	14.2-29.5	23.2	2.5	9.4-15.4	12.4
7	6.0 - 9.0	7.50	14.2-34.6	26.8	0.1	11.9-16.3	14.6
8	9.0 - 14.0	11.50	-		0.0	-	
>8	>14.0	-	-		0.0	-	

Table A-10. Annual Sea State Statistics for Southern Indian Ocean

Southern Indian Ocean							
Sea State Number	Significant Wave Height (m)		Sustained Wind Speed (knots)		Percentage Probability of Occurrence	Modal Wave Period	
	Range	Mean	Range	Mean		Range	Most Probable
0-1	0.0 - 0.1	0.05	-		0.0	-	
2	0.1 - 0.5	0.30	2.3-14.3	9.1	0.1	2.2-11.8	4.6
3	0.5 - 1.25	0.88	3.2-16.8	11.1	0.2	5.4-13.5	9.2
4	1.25 - 2.5	1.88	4-20.6	13.0	14.8	8-14.2	11.4
5	2.5 - 4.0	3.25	5.9-26.2	17.5	39.9	8.5-14.7	12.3
6	4.0 - 6.0	5.00	9.7-31.8	23.4	35.2	9.6-15.2	13.0
7	6.0 - 9.0	7.50	17.9-37.2	32.1	9.5	11.5-15.7	13.8
8	9.0 - 14.0	11.50	30.8-44.8	38.1	0.3	13.5-16.5	15.0
>8	>14.0	-	-		0.0	-	

Table A-11. Annual Sea State Statistics for North Pacific

North Pacific							
Sea State Number	Significant Wave Height (m)		Sustained Wind Speed (knots)		Percentage Probability of Occurrence	Modal Wave Period	
	Range	Mean	Range	Mean		Range	Most Probable
0-1	0.0 - 0.1	0.05	0.4-6.3	4.1	0.0	1.7-5.2	2.8
2	0.1 - 0.5	0.30	0.8-9.1	4.6	0.2	4-11.3	8.5
3	0.5 - 1.25	0.88	2-12.9	8.1	7.7	6-14.6	9.3
4	1.25 - 2.5	1.88	4.2-18.4	12.7	62.9	7.2-14.7	10.1
5	2.5 - 4.0	3.25	7.7-24.6	18.5	21.0	7.8-14.9	11.1
6	4.0 - 6.0	5.00	10.9-32.3	24.6	6.6	9.2-14.9	11.9
7	6.0 - 9.0	7.50	18.2-39.4	32.7	1.4	11-15.5	13.2
8	9.0 - 14.0	11.50	31.5-45.8	38.8	0.1	13.3-16.5	15.1
>8	>14.0	-	-		0.0	-	

Table A-12. Annual Sea State Statistics for South Pacific

South Pacific							
Sea State Number	Significant Wave Height (m)		Sustained Wind Speed (knots)		Percentage Probability of Occurrence	Modal Wave Period	
	Range	Mean	Range	Mean		Range	Most Probable
0-1	0.0 - 0.1	0.05	0.5-6.1	3.9	0.0	3-11.1	5.9
2	0.1 - 0.5	0.30	1.1-9.3	5.4	0.4	4.2-12.1	8.5
3	0.5 - 1.25	0.88	2.2-13.1	8.2	3.9	6-15.1	9.5
4	1.25 - 2.5	1.88	4.3-18.5	12.5	47.5	8-15.8	11.9
5	2.5 - 4.0	3.25	7.3-24.1	17.7	30.1	8.1-15.4	12.3
6	4.0 - 6.0	5.00	10.7-31.4	23.9	14.7	9.3-15.2	12.7
7	6.0 - 9.0	7.50	19.2-37.3	32.3	3.2	11.1-15.6	13.5
8	9.0 - 14.0	11.50	31.4-44.6	38.2	0.1	13.5-16.3	15.0
>8	>14.0	-	-		0.0	-	

APPENDIX B: Monthly Sea State Statistics

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Table B-1. Monthly Sea State Statistics for North Atlantic

North Atlantic						
		Sustained Wind Speed (knots)		Percentage Probability of	Modal Wave Period	
Month	Sea State Number	Range	Mean	Occurrence	Range	Most Probable
Jan	0-1	0.7-6.5	4.4	0.0	1.2-4.6	2.0
	2	2.4-12.6	8.7	0.7	2.5-10.6	4.7
	3	3.1-15.3	10.0	4.4	5.5-12.6	8.8
	4	5.1-20.3	14.1	42.8	6.9-13.4	10.1
	5	7.7-26.2	19.3	28.9	7.8-13.8	10.7
	6	9.9-33.6	25.4	16.9	9.3-14.1	12.2
	7	18.6-39.7	33.9	6.0	11-14.7	13.1
	8	31.8-45.5	39.3	0.4	13.4-16.3	14.7
	>8	-		0.0	-	
Feb	0-1	0.6-6.7	4.3	0.0	1.1-3.9	2.1
	2	2.4-12.8	8.6	0.6	2.4-10.3	4.4
	3	3.1-15.2	10.0	4.5	6-12.3	8.7
	4	5.1-20.2	14.0	45.4	6.9-13.3	10.0
	5	7.7-26.2	19.4	28.3	7.7-13.8	10.7
	6	10.1-33.5	25.4	15.8	9.3-14.1	12.2
	7	19-39.9	33.8	5.1	11.1-14.8	13.0
	8	31.3-45.4	39.5	0.3	13.2-16	14.8
	>8	-		0.0	-	
Mar	0-1	0.6-6.6	4.3	0.0	1.3-5.6	2.1
	2	2.2-12.6	8.4	0.7	2.4-10.8	4.6
	3	2.9-15	9.7	4.5	5.9-12.6	8.6
	4	5-19.9	13.8	51.3	6.9-13.3	10.1
	5	7.8-25.8	19.5	27.1	7.7-13.7	10.5
	6	11.1-33.3	26.2	13.1	9.2-13.9	11.8
	7	20.6-39.5	33.2	3.2	11-14.6	12.8
	8	-		0.1	-	
	>8	-		0.0	-	
Apr	0-1	0.5-6.4	4.0	0.0	1.2-6.2	2.1
	2	2-12.1	8.0	0.8	2.6-10.8	4.7
	3	2.5-13.9	9.0	5.7	6.2-12.6	8.7
	4	5-19.5	13.5	62.5	6.8-13.1	9.6
	5	8.2-25.6	19.5	22.7	7.6-13.4	10.0
	6	12.2-33.8	26.3	7.2	9.1-13.6	11.3
	7	22.8-40	34.2	1.1	10.9-14.2	12.6
	8	-		0.0	-	
	>8	-		0.0	-	
May	0-1	0.5-6.3	4.0	0.0	1.1-5.4	2.0
	2	1.7-11.6	7.3	1.0	3-10.6	5.4
	3	2.4-13.5	8.7	11.5	6.2-12.7	8.4
	4	5.1-19.1	13.4	70.0	6.6-12.4	8.8
	5	8.8-26	20.1	14.3	7.4-12.5	9.3
	6	14.5-34.3	26.8	3.0	9-13	10.8
	7	-		0.3	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Jun	0-1	0.6-6	4.0	0.0	1.2-4.4	2.0
	2	1.7-11.2	7.2	1.2	3.2-10	5.6
	3	2.6-13.5	9.0	17.3	6.1-12.2	8.2
	4	5.3-18.9	13.4	70.3	6.4-11.7	8.5
	5	9.4-26.7	20.8	9.7	7.3-11.5	9.1
	6	15.5-33.7	27.3	1.4	8.9-12.5	10.5

Table B-2. Monthly Sea State Statistics for North Atlantic (continued)

	7	-		0.1	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Jul	0-1	0.5-6.1	4.2	0.0	1.1-4.4	2.3
	2	1.5-11	6.6	1.6	2.8-9.5	5.2
	3	2.5-13.6	8.9	21.1	5.1-12.1	7.7
	4	5.6-18.7	13.4	69.6	6.4-11.4	8.4
	5	10.4-26.3	20.8	7.0	7.4-11.3	8.9
	6	16.2-33.8	27.0	0.7	9-13	10.3
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Aug	0-1	0.7-6.1	4.2	0.0	1.1-5	2.0
	2	1.9-11.2	7.4	1.2	3.2-9.7	5.6
	3	2.6-13.4	8.9	19.5	6-12.3	8.2
	4	5.1-18.7	13.1	69.4	6.5-12.2	8.4
	5	9.3-26.7	20.5	8.4	7.3-12.4	8.9
	6	16.2-34.7	27.1	1.3	8.9-13	10.5
	7	-		0.1	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Sep	0-1	0.4-5.9	3.9	0.0	1-4.4	2.0
	2	1.9-11.3	7.6	1.1	3.3-10.7	5.7
	3	2.5-13.2	8.7	12.3	6.4-12.6	8.6
	4	4.4-18.8	12.6	67.3	6.6-13	8.9
	5	7.5-26.7	19.5	14.4	7.4-13.4	9.8
	6	12.9-34.6	26.5	4.2	8.9-13.7	11.0
	7	23.8-41.4	34.0	0.7	10.7-14.1	12.2
	8	-		0.0	-	
	>8	-		0.0	-	
Oct	0-1	0.4-6	4.3	0.0	1.2-3.9	2.0
	2	2-11.7	7.7	0.9	3.1-10.8	5.7
	3	2.6-13.2	8.7	7.6	6.7-13	9.0
	4	4.5-19.2	12.9	61.6	6.8-13.3	9.6
	5	7.3-26.2	19.2	20.1	7.5-13.7	10.5
	6	12.1-34.3	25.8	8.2	9-13.9	11.3
	7	22.2-40.5	33.5	1.6	10.8-14.7	12.7
	8	-		0.1	-	
	>8	-		0.0	-	
Nov	0-1	0.5-6.4	4.2	0.0	1.4-3.5	2.1
	2	2.2-12	8.1	0.8	3-10.5	5.7
	3	2.9-14.2	9.3	5.3	6.1-12.9	9.0
	4	4.7-19.7	13.5	54.5	6.8-13.4	9.9
	5	7.4-26.1	19.6	24.4	7.6-13.7	10.5
	6	11.2-33.8	26.1	12.0	9.1-13.9	11.7
	7	20.5-40.1	33.6	2.8	10.9-14.6	12.7
	8	-		0.1	-	
	>8	-		0.0	-	
Dec	0-1	0.4-6.1	4.5	0.0	1.1-3.7	2.0
	2	2.3-12.3	8.4	0.7	2.9-10.7	5.4
	3	2.9-14.7	9.4	4.6	6.1-12.7	9.2
	4	4.9-20	13.6	46.6	7-13.4	10.0
	5	7.6-26.1	19.3	26.9	7.7-13.8	10.8
	6	10.6-33.4	25.8	16.0	9.2-14	12.1
	7	19.9-39.5	33.7	5.0	11-14.7	12.9
	8	32.1-45.6	39.4	0.3	13.3-16.2	14.5
	>8	-		0.0	-	

Table B-3. Monthly Sea State Statistics for Northern North Atlantic

Northern North Atlantic						
		Sustained Wind Speed (knots)		Percentage Probability of	Modal Wave Period	
Month	Sea State Number	Range	Mean	Occurrence	Range	Most Probable
Jan	0-1	0.6-7	4.3	0.0	1.4-6.1	2.2
	2	2.4-12.9	8.7	0.3	2.3-11.1	4.5
	3	3.4-17.5	11.3	2.5	4.6-12	7.8
	4	4.4-22.1	14.3	22.8	6.6-12.9	10.0
	5	6.5-28.4	19.6	32.9	7.7-13.3	11.1
	6	10.1-34.2	25.9	30.0	9.3-13.9	12.0
	7	18.6-39.7	33.9	10.9	11-14.7	13.1
	8	31.8-45.5	39.3	0.7	13.4-16.3	14.7
	>8	-		0.0	-	
Feb	0-1	0.6-7	4.3	0.0	1.2-4.5	2.1
	2	2.3-13	8.6	0.3	2.2-10.7	4.1
	3	3.5-17.5	11.2	2.6	4.8-11.8	7.6
	4	4.4-22	14.2	25.8	6.6-12.8	9.9
	5	6.6-28.4	19.8	33.5	7.6-13.2	11.0
	6	10.3-34	25.9	27.9	9.3-14	12.1
	7	19-39.9	33.8	9.4	11.1-14.8	13.0
	8	31.3-45.4	39.5	0.6	13.2-16	14.8
	>8	-		0.0	-	
Mar	0-1	0.6-6.7	4.3	0.0	1.4-6.1	2.1
	2	2.1-12.7	8.3	0.3	2.3-11.3	4.5
	3	3.1-16.9	10.6	3.0	4.7-12.3	7.7
	4	4.3-21.6	14.1	30.4	6.6-12.6	9.8
	5	6.8-27.9	19.9	36.6	7.6-13.1	10.8
	6	11.2-33.6	26.5	23.6	9.2-13.8	11.7
	7	20.6-39.5	33.2	5.9	11-14.6	12.8
	8	-		0.3	-	
	>8	-		0.0	-	
Apr	0-1	0.4-6.5	4.0	0.0	1.3-6.8	2.1
	2	1.8-12	7.7	0.4	2.5-11.4	4.7
	3	2.5-15.2	9.4	5.0	5.5-12.3	8.3
	4	4.1-21	13.7	44.4	6.5-12.3	9.5
	5	7-27.3	19.9	34.9	7.5-13	10.3
	6	12.2-33.8	26.3	13.1	9.1-13.6	11.3
	7	22.8-40	34.2	2.1	10.9-14.2	12.6
	8	-		0.0	-	
	>8	-		0.0	-	
May	0-1	0.5-6.6	3.9	0.0	1.4-6.5	2.1
	2	1.5-11.5	6.9	0.7	2.9-11.3	5.6
	3	2.1-13.9	8.5	12.1	5.8-12.8	8.2
	4	4.1-20.5	13.4	57.4	6.2-11.7	8.9
	5	7.9-27.1	20.3	23.8	7.4-12.4	9.5
	6	14.5-34.3	26.8	5.4	9-13	10.8
	7	-		0.6	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Jun	0-1	0.4-6.5	3.8	0.0	1.5-5.2	2.1
	2	1.4-11.1	6.7	0.9	3.3-10.9	6.0
	3	2.2-13.8	8.8	19.2	5.7-12.4	8.0
	4	4.2-20.2	13.5	60.7	6.1-11.2	8.5
	5	8.7-27.1	20.9	16.5	7.3-11.7	9.2
	6	15.5-33.7	27.3	2.6	8.9-12.5	10.5
	7	-		0.1	-	

Table B-4. Monthly Sea State Statistics for Northern North Atlantic (continued)

	8	-		0.0	-	
	>8	-		0.0	-	
Jul	0-1	0.4-6.6	4.4	0.0	1.6-5.9	2.7
	2	1.1-11	6.2	1.3	3.1-10.4	5.7
	3	2-13.9	8.7	26.7	5.3-12.3	7.9
	4	4.5-20	13.7	59.4	5.9-10.9	8.2
	5	9.5-26.9	21.0	11.3	7.3-11.6	8.9
	6	16.2-33.8	27.0	1.2	9-13	10.3
	7	-		0.1	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Aug	0-1	0.5-6.5	4.1	0.0	1.5-5.8	2.1
	2	1.5-11.1	6.9	1.1	3.5-10.5	6.0
	3	2.2-13.8	8.7	23.9	5.7-12.7	8.0
	4	4.3-20	13.4	59.0	6-11.7	8.2
	5	8.4-27.2	20.8	13.5	7.3-12.5	9.1
	6	16.2-34.7	27.1	2.2	8.9-13	10.5
	7	-		0.2	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Sep	0-1	0.4-6.5	4.1	0.0	1.5-4.3	2.2
	2	1.6-11.4	7.3	0.8	3.4-11.4	6.1
	3	2.2-13.9	8.5	12.8	6-12.8	8.4
	4	4-20.4	13.1	54.5	6.3-12.5	8.8
	5	7.2-27.1	19.9	23.5	7.4-13.3	10.0
	6	12.9-34.6	26.5	7.2	8.9-13.7	11.0
	7	23.8-41.4	34.0	1.1	10.7-14.1	12.2
	8	-		0.0	-	
	>8	-		0.0	-	
Oct	0-1	0.4-6.6	4.5	0.0	1.6-4.4	2.2
	2	1.8-11.8	7.5	0.6	3-11.5	5.9
	3	2.4-14.5	9.1	6.2	5.8-12.9	8.9
	4	4.2-21	13.5	43.0	6.5-12.6	9.4
	5	7-27.4	19.7	32.6	7.5-13.2	10.4
	6	12.1-34.3	25.8	14.6	9-13.9	11.3
	7	22.2-40.5	33.5	2.9	10.8-14.7	12.7
	8	-		0.1	-	
	>8	-		0.0	-	
Nov	0-1	0.6-6.9	4.4	0.0	1.7-4.3	2.2
	2	1.9-12	7.7	0.5	3-10.9	6.0
	3	2.7-15.8	9.8	4.3	5.3-12.5	8.5
	4	4.3-21.6	14.0	33.2	6.5-12.7	9.7
	5	7-27.9	20.1	35.5	7.5-13.1	10.6
	6	11.3-34	26.2	21.2	9.1-13.8	11.6
	7	20.5-40.1	33.6	5.1	10.9-14.6	12.7
	8	-		0.2	-	
	>8	-		0.0	-	
Dec	0-1	0.4-6.9	4.7	0.0	1.5-4.2	2.1
	2	2.1-12.4	8.1	0.3	2.7-11.2	5.4
	3	2.9-16.6	10.3	3.1	5.3-12.2	8.5
	4	4.4-21.8	13.8	24.9	6.8-12.8	9.8
	5	6.8-28.3	19.8	34.2	7.7-13.2	11.0
	6	10.9-34	26.4	27.9	9.2-13.9	11.8
	7	19.9-39.5	33.7	9.0	11-14.7	12.9
	8	32.1-45.6	39.4	0.5	13.3-16.2	14.5
	>8	-		0.0	-	

Table B-5. Monthly Sea State Statistics for Southern North Atlantic

Southern North Atlantic						
		Sustained Wind Speed (knots)		Percentage Probability of	Modal Wave Period	
Month	Sea State Number	Range	Mean	Occurrence	Range	Most Probable
Jan	0-1	0.9-5.7	4.7	0.0	0.8-1.9	1.8
	2	2.5-12	8.5	1.1	2.9-9.8	5.2
	3	2.8-13.1	8.7	6.7	6.4-13.1	9.9
	4	5.9-18	13.7	66.4	7.3-14.1	10.2
	5	9.5-23	18.9	24.3	7.8-14.6	10.1
	6	8.7-29.7	21.7	1.3	9.6-14.9	13.1
	7	-		0.1	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Feb	0-1	0.8-5.9	4.2	0.0	0.6-2	1.9
	2	2.6-12.2	8.6	1.1	2.9-9.3	5.0
	3	2.8-13	8.9	6.6	7.1-12.7	9.8
	4	6-18.1	13.7	68.3	7.3-13.9	10.2
	5	9.2-23	18.8	22.3	7.8-14.7	10.2
	6	9.2-29.6	21.8	1.5	9.6-15	13.5
	7	-		0.1	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Mar	0-1	0.9-5.5	4.4	0.0	0.4-1.9	1.7
	2	2.6-12.3	8.7	1.1	2.8-9.5	4.9
	3	2.8-13	8.7	6.1	7-12.9	9.4
	4	5.9-17.7	13.3	75.5	7.3-14.1	10.4
	5	9.2-22.8	18.9	16.3	7.8-14.5	10.0
	6	10.1-30.3	23.5	1.0	9.7-14.5	12.1
	7	-		0.1	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Apr	0-1	0.6-5.6	4.2	0.0	0.4-3.5	1.9
	2	2.3-12.2	8.6	1.2	2.8-9.5	4.9
	3	2.6-12.5	8.6	6.5	7.1-12.9	9.2
	4	6.1-17.5	13.2	83.6	7.1-14	9.6
	5	10-22.7	19.0	8.4	7.6-14.2	9.4
	6	15.4-34.1	29.3	0.2	8.7-15.6	9.4
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
May	0-1	0.6-5.5	4.3	0.0	0.5-2.6	1.8
	2	2.3-11.8	8.2	1.3	3.2-9	5.1
	3	2.9-12.6	9.0	11.0	7-12.7	8.8
	4	6.4-17.4	13.4	84.9	7-13.2	8.7
	5	11.1-23.1	19.3	2.8	7.5-12.7	8.7
	6	25.7-35.4	30.6	0.0	8.6-13.8	9.6
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Jun	0-1	0.9-5.4	4.4	0.0	0.7-3.4	1.9
	2	2.3-11.4	8.1	1.5	3.2-8.3	5.0
	3	3.3-12.8	9.5	15.6	6.7-11.9	8.6
	4	6.6-17.2	13.2	81.7	6.8-12.3	8.6
	5	15.2-23.6	20.4	1.2	7.6-9.6	8.4
	6	-		0.0	-	
	7	-		0.0	-	

Table B-6. Monthly Sea State Statistics for Southern North Atlantic (continued)

	8	-		0.0	-	
	>8	-		0.0	-	
Jul	0-1	0.7-5.4	3.9	0.0	0.4-2.2	1.8
	2	1.9-11.1	7.2	1.9	2.3-8	4.4
	3	3-13.2	9.0	14.8	4.9-12	7.6
	4	6.9-17.2	13.1	81.7	7-12	8.6
	5	14.6-23.5	20.1	1.6	7.6-10	8.5
	6	-		0.0	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Aug	0-1	1-5.4	4.3	0.0	0.5-3.8	1.8
	2	2.6-11.4	8.3	1.4	2.9-8.3	4.8
	3	3.4-12.6	9.3	14.6	6.5-11.7	8.6
	4	6.1-17.1	12.7	81.7	7-12.8	8.6
	5	12-25.2	19.6	2.1	7.4-12	8.5
	6	-		0.1	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Sep	0-1	0.4-5.4	3.8	0.0	0.6-4.5	1.9
	2	2.4-11.3	8.0	1.4	3.2-9.6	5.1
	3	2.8-12.2	8.8	12.0	7.1-12.4	8.8
	4	5-16.8	12.0	83.0	7.1-13.7	9.0
	5	8.2-25.5	18.7	3.1	7.5-13.7	9.4
	6	-		0.4	-	
	7	-		0.1	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Oct	0-1	0.4-5.6	4.1	0.0	0.9-3.4	1.9
	2	2.3-11.4	7.8	1.3	3.2-9.8	5.3
	3	2.7-12.1	8.5	9.3	7.3-13.1	9.1
	4	4.9-16.8	12.1	84.6	7.2-14.3	9.9
	5	7.8-23.6	18.2	4.6	7.6-14.9	10.6
	6	-		0.2	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Nov	0-1	0.4-5.5	3.9	0.0	0.9-2.1	1.9
	2	2.8-11.8	8.7	1.1	3-9.7	5.2
	3	3-12.6	8.8	6.5	6.9-13.4	9.5
	4	5.2-17.3	12.7	80.6	7.2-14.3	10.3
	5	8-23	18.7	11.0	7.7-14.9	10.3
	6	8.9-30.8	22.8	0.7	9.4-14.9	12.3
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Dec	0-1	0.4-5.4	4.4	0.0	0.8-3.2	1.9
	2	2.6-12	8.8	1.1	3.1-9.9	5.3
	3	2.9-12.9	8.5	6.4	7-13.3	9.9
	4	5.5-17.7	13.4	72.7	7.2-14.1	10.3
	5	8.6-22.9	18.7	18.3	7.8-14.8	10.6
	6	8.5-29	21.5	1.4	9.6-15.1	13.5
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	

Table B-7. Monthly Sea State Statistics for South Atlantic

South Atlantic						
		Sustained Wind Speed (knots)		Percentage Probability of	Modal Wave Period	
Month	Sea State Number	Range	Mean	Occurrence	Range	Most Probable
Jan	0-1	1.2-5.8	4.1	0.0	0.3-1.8	1.8
	2	2.1-12.8	8.4	0.2	3.2-9.5	5.8
	3	3.1-13.2	9.2	4.6	6.6-14	10.0
	4	4.9-19	13.0	60.4	7.1-13.9	10.3
	5	7.2-26.1	18.9	26.1	7.6-13.1	10.2
	6	13.6-32.5	25.7	8.0	9-13.2	11.1
	7	23.3-37.8	32.3	0.7	11.1-14.3	12.5
	8	-		0.0	-	
	>8	-		0.0	-	
Feb	0-1	1.4-5.6	5.0	0.0	0.1-1.8	1.8
	2	2.1-12.5	8.2	0.2	3.4-9.8	6.0
	3	2.9-12.8	9.0	4.3	7.1-14.2	10.0
	4	4.8-18.9	12.8	57.1	7.4-14	10.5
	5	7-25.9	18.6	27.4	7.7-13.5	10.6
	6	12.9-32.4	25.3	10.1	9.1-13.5	11.3
	7	22.2-38	32.2	0.9	11.1-14.5	12.6
	8	-		0.0	-	
	>8	-		0.0	-	
Mar	0-1	1.2-5.8	4.9	0.0	0.4-1.8	1.8
	2	2.2-12.4	8.4	0.2	3.1-10.5	6.2
	3	2.5-12.9	8.8	3.1	7-14.7	9.7
	4	4.7-19	13.0	54.7	7.5-14.5	10.7
	5	6.9-25.7	18.6	28.3	7.8-14	11.0
	6	11.8-32.6	25.1	12.4	9-13.9	11.3
	7	21.8-38.3	32.4	1.4	11-14.5	12.5
	8	-		0.0	-	
	>8	-		0.0	-	
Apr	0-1	1.2-5.5	4.9	0.0	0.1-1.8	1.8
	2	2.1-12.4	8.3	0.2	3.1-10.6	6.0
	3	2.6-13.6	9.1	2.0	6.5-14.2	8.8
	4	4.8-19.4	13.2	49.0	7.6-14.3	10.9
	5	7.2-25.2	18.1	31.2	7.9-14.2	11.5
	6	11.5-32.6	24.8	15.3	9.1-13.9	11.9
	7	21-38.5	32.5	2.3	11-14.6	12.7
	8	-		0.0	-	
	>8	-		0.0	-	
May	0-1	1.2-5.8	5.1	0.0	0.3-1.8	1.8
	2	2.2-12.3	8.3	0.2	2.9-10.7	6.1
	3	3-14.6	10.0	1.7	5.8-13.3	8.1
	4	4.8-19.7	13.1	45.3	7.6-14.2	10.8
	5	7.3-25.4	18.4	32.6	7.9-14.1	11.5
	6	11.3-32.8	25.2	17.2	9.1-13.9	11.7
	7	20.8-38.7	32.6	3.0	10.9-14.6	12.7
	8	-		0.1	-	
	>8	-		0.0	-	
Jun	0-1	0.9-5.5	4.9	0.0	0.9-1.8	1.8
	2	2.1-12.6	8.3	0.2	2.6-11.3	6.3
	3	3.1-15.5	10.5	1.7	5.4-13	8.2
	4	5-20.2	13.7	43.4	7.3-14.1	10.5
	5	7.4-25.7	18.6	32.5	7.9-14.1	11.3
	6	11.2-32.9	25.2	18.5	9.2-14	11.8
	7	20-38.9	32.6	3.7	10.9-14.7	12.7

Table B-8. Monthly Sea State Statistics for South Atlantic (continued)

	8	-		0.1	-	
	>8	-		0.0	-	
Jul	0-1	0.9-6.3	4.6	0.0	1.4-3.3	1.9
	2	2.2-13.5	9.1	0.2	2.2-11.5	4.5
	3	2.8-15.5	10.3	2.4	5-12.6	7.7
	4	4.8-20.6	13.9	42.8	6.9-13.9	10.3
	5	7.5-26.1	18.8	32.2	7.8-14.2	11.2
	6	11.4-33	25.3	18.3	9.2-14.1	11.9
	7	20.2-38.6	32.7	4.0	11-14.8	12.9
	8	-		0.1	-	
	>8	-		0.0	-	
Aug	0-1	1.4-5.5	4.9	0.0	0.4-1.8	1.8
	2	2.7-14.6	9.5	0.2	2.1-11.3	3.6
	3	3.9-16.4	11.4	1.9	5.2-12.9	7.8
	4	5.2-20.6	14.2	44.2	7.1-14.3	10.1
	5	7.8-25.9	18.9	33.3	7.9-14.4	11.1
	6	11.4-32.9	25.1	16.9	9.2-14.2	11.9
	7	20.8-38.6	32.9	3.5	11-14.8	12.9
	8	-		0.1	-	
	>8	-		0.0	-	
Sep	0-1	0.8-5.3	4.7	0.0	0.9-1.8	1.9
	2	2.6-14.3	9.5	0.2	2.1-11.5	3.5
	3	4.3-16.7	11.9	1.9	5.2-12.9	7.4
	4	5.3-20.3	14.0	47.8	7.1-14.2	10.2
	5	7.8-25.9	19.0	31.8	7.8-14.1	11.0
	6	11.9-32.9	25.6	15.4	9.1-14.1	11.8
	7	21.1-38.4	32.6	2.9	11-14.7	13.0
	8	-		0.0	-	
	>8	-		0.0	-	
Oct	0-1	0.8-5.3	5.0	0.0	0.5-1.8	1.9
	2	2.7-14.2	9.3	0.2	2.1-12.5	3.6
	3	4-15.7	11.1	2.4	5.7-13	8.1
	4	5.4-20	14.0	54.0	7-14.2	10.1
	5	7.7-26	19.0	29.3	7.6-14.1	10.5
	6	12.2-32.9	25.4	12.4	9.1-14	11.4
	7	21.6-38.3	32.4	1.7	11-14.6	12.7
	8	-		0.0	-	
	>8	-		0.0	-	
Nov	0-1	0.4-5.3	4.4	0.0	0.1-1.8	1.9
	2	2.6-13.6	9.2	0.2	2.1-13	3.6
	3	3.6-14.9	10.4	2.6	5.9-13.5	8.7
	4	5.2-19.8	13.6	57.7	7-14.2	10.2
	5	7.7-25.8	18.8	27.3	7.7-13.9	10.4
	6	12.7-32.7	25.5	10.9	9.1-13.7	11.4
	7	22-38.1	32.4	1.3	11.2-14.5	12.6
	8	-		0.0	-	
	>8	-		0.0	-	
Dec	0-1	0.4-5.8	3.9	0.0	0.1-1.8	1.9
	2	2.4-12.9	8.6	0.2	2.3-12.9	4.1
	3	3.2-13.6	9.5	4.1	6.6-14	9.6
	4	5-19.3	13.1	60.6	7-14	10.3
	5	7.2-26.2	18.9	25.5	7.6-13.3	10.2
	6	13.3-32.7	25.8	9.0	9.1-13.3	11.1
	7	23-38.1	32.4	0.8	11.1-14.3	12.5
	8	-		0.0	-	
	>8	-		0.0	-	

Table B-9. Monthly Sea State Statistics for Mediterranean Sea

Mediterranean Sea						
		Sustained Wind Speed (knots)		Percentage Probability of	Modal Wave Period	
Month	Sea State Number	Range	Mean	Occurrence	Range	Most Probable
Jan	0-1	0.4-5.7	3.7	0.3	1.1-3.7	2.1
	2	1.4-11	6.5	20.1	2.3-6.3	3.3
	3	3.7-17.7	11.7	40.6	3.5-7.6	5.2
	4	8-25.2	18.5	29.8	5.1-8.8	6.7
	5	15.6-31.7	25.5	7.6	7.1-10	8.5
	6	23.2-36.8	31.8	1.6	8.9-11	10.2
	7	-		0.1	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Feb	0-1	0.4-5.8	3.6	0.3	1.1-3.3	2.1
	2	1.4-11	6.4	20.1	2.3-6.4	3.4
	3	3.6-17.7	11.6	40.9	3.5-7.6	5.2
	4	7.7-25.1	18.2	29.8	5.1-8.9	6.8
	5	15.5-31.6	25.3	7.5	7.1-10	8.5
	6	23.9-36.7	31.9	1.4	8.8-11	10.0
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Mar	0-1	0.4-5.8	4.0	0.3	0.9-3.3	2.1
	2	1.4-11.1	6.5	23.1	2.3-6.2	3.3
	3	3.5-17.6	11.5	43.2	3.4-7.4	5.1
	4	7.7-25	18.0	26.9	5.1-8.7	6.8
	5	15-31.4	25.2	5.6	7.1-10	8.5
	6	25.2-37.2	32.6	0.9	8.9-10.7	9.9
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Apr	0-1	0.4-5.8	4.0	0.3	1.1-3.2	2.1
	2	1.4-11.2	6.5	25.1	2.3-6.2	3.2
	3	3.3-17.5	11.3	46.3	3.4-7.4	5.2
	4	7.4-24.4	17.6	24.7	5.1-8.5	6.7
	5	14.9-30.9	24.7	3.2	7-9.6	8.4
	6	26.9-37.4	33.0	0.3	8.9-10.2	9.5
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
May	0-1	0.4-5.8	3.7	0.3	1.1-2.9	2.2
	2	1.4-11	6.4	36.6	2.3-5.9	3.2
	3	3.5-16.9	11.1	47.0	3.4-7	5.1
	4	7.6-23.9	17.1	14.8	5.1-8.2	6.6
	5	15.3-31.3	25.3	1.3	7.1-9.4	8.4
	6	-		0.1	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Jun	0-1	0.4-5.9	3.2	0.3	0.9-2.7	2.2
	2	1.4-11	6.5	40.0	2.3-5.6	3.3
	3	3.8-16.6	11.2	47.8	3.4-6.6	4.9
	4	8.5-22.9	16.9	11.3	5.2-7.9	6.6
	5	18-30.9	25.1	0.6	7.3-9	8.3
	6	-		0.0	-	
	7	-		0.0	-	

Table B-10. Monthly Sea State Statistics for Mediterranean Sea (continued)

	8	-		0.0	-	
	>8	-		0.0	-	
Jul	0-1	0.4-6	3.9	0.3	0.8-2.8	2.2
	2	1.4-11.1	6.6	40.0	2.2-5.3	3.1
	3	4.1-16.4	11.3	47.9	3.5-6.5	4.9
	4	9.1-22.2	16.7	11.4	5.3-7.8	6.7
	5	19.9-31	25.3	0.5	7.2-8.8	8.1
	6	-		0.0	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Aug	0-1	0.5-5.9	3.7	0.3	1-2.7	2.2
	2	1.5-10.9	6.6	41.3	2.4-5.3	3.4
	3	4.1-16.3	11.2	48.6	3.5-6.4	4.9
	4	9.2-22.2	16.8	9.5	5.2-7.7	6.6
	5	19.5-31.4	25.8	0.4	7.2-9	8.1
	6	-		0.0	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Sep	0-1	0.4-5.8	3.4	0.3	1.3-2.9	2.1
	2	1.4-10.9	6.4	38.4	2.3-5.6	3.2
	3	3.9-16.7	11.2	47.6	3.4-6.7	4.9
	4	8.6-23.3	17.2	12.9	5.2-7.9	6.6
	5	17.3-30.6	25.2	0.8	7.3-9.1	8.4
	6	-		0.0	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Oct	0-1	0.4-5.7	3.6	0.4	1.2-3.3	2.2
	2	1.4-10.9	6.4	33.7	2.3-5.9	3.0
	3	3.7-17.1	11.4	45.7	3.4-7	4.9
	4	8.2-24	17.7	17.9	5.2-8.3	6.6
	5	15.8-31.3	25.3	2.0	7.1-9.6	8.5
	6	28.3-37.4	34.2	0.2	8.7-10	9.5
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Nov	0-1	0.4-5.6	3.6	0.4	1.3-3.8	2.2
	2	1.4-11	6.4	24.4	2.3-6.3	3.2
	3	3.6-17.6	11.7	42.6	3.4-7.4	5.1
	4	8-24.8	18.1	26.5	5.2-8.7	6.7
	5	15.7-31.2	25.1	5.3	7.1-9.9	8.5
	6	24.3-37.6	31.7	0.7	8.8-10.8	10.0
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Dec	0-1	0.4-5.6	3.7	0.3	1.4-3.5	2.1
	2	1.4-11	6.4	19.1	2.3-6.4	3.4
	3	3.7-17.7	11.8	39.8	3.5-7.6	5.2
	4	8-25.2	18.4	31.0	5.2-8.9	6.8
	5	15.6-31.7	25.4	8.3	7.1-10	8.5
	6	23.7-36.7	31.9	1.5	8.8-10.9	10.0
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	

Table B-11. Monthly Sea State Statistics for Black Sea

Black Sea						
		Sustained Wind Speed (knots)		Percentage Probability of	Modal Wave Period	
Month	Sea State Number	Range	Mean	Occurrence	Range	Most Probable
Jan	0-1	-		0.1	-	
	2	1.7-11.6	7.4	19.1	2.3-5.3	3.3
	3	4.7-18.7	12.5	48.3	3.4-6.6	4.8
	4	9.1-26	19.3	27.7	5-7.9	6.3
	5	16.1-32.7	26.2	4.4	6.8-9.4	8.0
	6	-		0.4	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Feb	0-1	-		0.1	-	
	2	1.6-11.6	7.2	20.8	2.3-5.5	3.3
	3	4.4-18.6	12.4	47.4	3.4-6.6	4.8
	4	8.9-25.8	19.1	27.4	5-7.9	6.4
	5	17.2-32.6	26.1	3.9	6.8-9.1	7.9
	6	-		0.4	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Mar	0-1	-		0.1	-	
	2	1.5-11.4	6.9	25.7	2.2-5.2	3.2
	3	4.2-18.4	12.3	49.2	3.4-6.5	4.8
	4	8.5-25.3	18.8	22.9	5-7.8	6.3
	5	16.8-32.5	26.0	2.0	6.8-8.9	7.8
	6	-		0.1	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Apr	0-1	0.4-5.3	4.4	0.1	1.6-2.3	2.1
	2	1.4-11.4	6.8	37.8	2.2-5.2	3.0
	3	3.9-17.9	11.6	48.9	3.3-6.3	4.7
	4	7.7-24.9	18.4	12.5	5-7.7	6.3
	5	-		0.6	-	
	6	-		0.0	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
May	0-1	-		0.1	-	
	2	1.4-11.2	6.5	51.1	2.2-4.8	2.9
	3	4-17.5	11.7	41.3	3.3-6	4.6
	4	8.6-24.4	18.2	7.2	5-7.5	6.3
	5	-		0.3	-	
	6	-		0.0	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Jun	0-1	0.4-6.3	4.4	0.1	0.1-2.3	2.1
	2	1.5-11.3	6.6	54.3	2.2-4.6	2.9
	3	4.4-17.3	11.6	40.1	3.3-5.8	4.6
	4	9.3-24	18.1	5.3	5-7.5	6.0
	5	-		0.2	-	
	6	-		0.0	-	
	7	-		0.0	-	

Table B-12. Monthly Sea State Statistics for Black Sea (continued)

	8	-		0.0	-	
	>8	-		0.0	-	
Jul	0-1	0.4-5.3	4.4	0.1	0.1-2.3	2.1
	2	1.5-11.3	6.9	51.1	2.1-4.6	3.0
	3	4.6-17.2	11.8	42.6	3.3-5.8	4.5
	4	9.4-23.6	18.0	6.1	5-7.4	6.2
	5	-		0.2	-	
	6	-		0.0	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Aug	0-1	-		0.1	-	
	2	1.5-11.2	6.9	49.5	2.2-4.7	3.1
	3	4.8-17.2	11.8	43.7	3.3-5.8	4.6
	4	10.4-23.4	17.9	6.6	5-7.1	6.1
	5	-		0.1	-	
	6	-		0.0	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Sep	0-1	-		0.1	-	
	2	1.5-11.4	6.8	44.1	2.2-4.8	2.9
	3	4.4-17.9	11.9	43.1	3.3-6.1	4.7
	4	9.3-24.5	18.2	12.1	5-7.7	6.2
	5	-		0.6	-	
	6	-		0.0	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Oct	0-1	-		0.1	-	
	2	1.6-11.4	7.2	33.1	2.2-5	3.2
	3	4.4-18.1	12.3	47.2	3.3-6.2	4.7
	4	9.5-25.2	18.7	17.9	5-7.7	6.3
	5	18.8-30.8	25.5	1.6	7-8.9	8.1
	6	-		0.1	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Nov	0-1	-		0.1	-	
	2	1.7-11.5	7.5	25.3	2.3-5.3	3.2
	3	4.6-18.5	12.3	47.0	3.4-6.5	4.8
	4	9.2-25.8	19.0	23.9	5-7.8	6.3
	5	17.2-32.2	26.0	3.4	6.8-9.2	8.0
	6	-		0.2	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Dec	0-1	-		0.1	-	
	2	1.7-11.7	7.5	19.5	2.3-5.4	3.3
	3	4.6-18.7	12.5	47.8	3.4-6.7	4.8
	4	9.3-25.9	19.3	28.0	5-7.9	6.4
	5	17-32.5	26.4	4.3	6.8-9.1	7.9
	6	-		0.4	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	

Table B-13. Monthly Sea State Statistics for North Sea

North Sea						
		Sustained Wind Speed (knots)		Percentage Probability of	Modal Wave Period	
Month	Sea State Number	Range	Mean	Occurrence	Range	Most Probable
Jan	0-1	0.9-5.8	4.4	0.1	1.6-2.8	2.3
	2	2.1-12.2	8.2	5.3	2.3-9.4	3.3
	3	4.1-18.2	12.5	20.3	4-11.7	5.7
	4	8.1-26.7	19.2	39.3	5.3-11.2	7.0
	5	15.5-33.9	26.7	24.1	6.9-11.3	8.4
	6	22.9-39.3	33.5	9.9	8.5-12	9.8
	7	28.7-43.5	36.7	1.1	10.4-14.1	11.6
	8	-		0.0	-	
	>8	-		0.0	-	
Feb	0-1	0.4-5.8	4.9	0.1	1.5-2.8	2.0
	2	1.7-11.7	7.6	6.7	2.4-11.1	3.4
	3	3.8-18	11.8	24.1	3.9-11.8	6.1
	4	7.9-26.4	18.7	39.3	5.2-11.3	6.9
	5	15.2-33.6	26.0	21.1	6.9-11.5	8.5
	6	22.7-38.1	33.1	8.0	8.6-12.3	9.8
	7	25.6-41.4	34.6	0.7	10.9-15.3	13.0
	8	-		0.0	-	
	>8	-		0.0	-	
Mar	0-1	1.4-6.3	5.3	0.1	1.6-2.8	2.1
	2	1.8-11.8	8.0	7.0	2.4-10.1	3.3
	3	3.8-17.9	11.6	26.3	3.9-11.3	5.5
	4	7.9-25.9	18.4	41.4	5.2-11.1	6.9
	5	14.4-33	25.7	19.1	6.9-11.5	8.4
	6	21.6-37.4	32.2	5.7	8.6-12.5	9.9
	7	27.4-42	34.6	0.4	10.5-14.2	12.0
	8	-		0.0	-	
	>8	-		0.0	-	
Apr	0-1	0.7-6	3.6	0.1	0.8-2.5	2.1
	2	1.5-11.2	7.0	12.1	2.5-10.4	3.5
	3	3.5-17.2	11.4	38.4	3.9-10.7	5.4
	4	7.5-24.5	17.8	37.5	5.2-10.9	6.6
	5	13.6-31.5	24.6	9.5	7-11.8	8.4
	6	20.5-36.7	30.1	2.1	8.8-13.1	10.1
	7	-		0.2	-	
	8	-		0.0	-	
	>8	-		0.0	-	
May	0-1	0.9-5.8	4.9	0.1	0.8-2.5	2.0
	2	1.4-10.9	6.8	14.6	2.5-9.7	3.7
	3	3.4-17	11.4	44.9	3.7-9.7	5.4
	4	8.1-23.8	17.8	34.6	5.2-9.7	6.7
	5	15.5-30.2	24.1	5.2	7-11.3	8.2
	6	18.9-33.5	24.8	0.5	9.1-14.1	13.4
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Jun	0-1	1.1-6.3	4.4	0.1	1.5-2.4	2.0
	2	1.3-10.8	6.4	16.2	2.6-9	3.8
	3	3.5-17	11.5	47.5	3.7-8.9	5.3
	4	8.3-23.7	17.7	31.8	5.1-9	6.7
	5	17.1-30.1	24.3	4.1	7-9.8	8.3
	6	-		0.3	-	
	7	-		0.0	-	

Table B-14. Monthly Sea State Statistics for North Sea (continued)

	8	-		0.0	-	
	>8	-		0.0	-	
Jul	0-1	0.9-5.8	4.4	0.1	1.5-2.3	2.1
	2	1.1-10.9	6.3	19.9	2.4-8.2	3.7
	3	3.6-17	11.7	49.7	3.6-8.4	5.2
	4	8.9-23.6	17.9	27.2	5.1-8.6	6.5
	5	18-30.2	24.8	2.8	7-9.9	8.1
	6	-		0.2	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Aug	0-1	0.8-6.3	4.7	0.1	1.5-2.3	2.0
	2	1.4-10.8	6.6	16.8	2.5-8.9	4.0
	3	3.6-17.3	11.5	45.9	3.7-8.8	5.3
	4	8.8-24.3	18.2	32.1	5.1-8.9	6.6
	5	17.7-30.9	24.6	4.6	7-9.8	8.1
	6	-		0.4	-	
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Sep	0-1	0.8-5.9	4.7	0.1	1.4-2.7	2.0
	2	1.7-11.5	7.4	10.0	2.5-9.9	3.5
	3	3.8-17.8	12.0	36.2	3.8-10.3	5.4
	4	8.4-25.2	18.6	40.5	5.1-10	6.6
	5	16.6-32.4	25.7	11.2	6.9-10.7	8.1
	6	21.2-36.9	31.4	1.9	8.6-12.7	9.9
	7	-		0.1	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Oct	0-1	1.4-5.8	5.3	0.1	1.5-2.5	2.0
	2	2-12	7.9	6.8	2.4-9.4	3.5
	3	3.9-18.2	12.2	26.4	3.9-10.8	5.5
	4	8.2-26	19.0	43.0	5.2-10.6	6.9
	5	15.5-33.3	26.1	18.6	6.9-11	8.2
	6	23-38.6	32.6	4.8	8.6-12	9.7
	7	-		0.3	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Nov	0-1	1.9-5.8	4.9	0.0	0.8-2.6	2.0
	2	2.1-12.4	8.0	5.3	2.3-9.5	3.4
	3	3.8-18.2	12.0	22.8	4-11.2	5.8
	4	8-26.3	18.9	42.6	5.3-10.8	6.9
	5	15.5-33.2	26.0	21.9	6.9-11.2	8.4
	6	22.8-38.4	32.7	6.6	8.6-12.4	9.7
	7	26.6-44	36.2	0.6	10.6-14.8	11.7
	8	-		0.0	-	
	>8	-		0.0	-	
Dec	0-1	0.9-5.8	4.4	0.1	0.8-2.5	2.0
	2	1.9-11.8	7.6	6.2	2.4-11	3.5
	3	3.8-18	11.5	22.4	3.9-11.9	6.0
	4	7.8-26.4	19.2	40.6	5.3-11.2	7.0
	5	14.7-33.6	26.0	22.8	6.9-11.4	8.4
	6	22.2-38.7	33.0	7.3	8.6-12.5	9.8
	7	26.7-42.9	35.0	0.6	10.6-14.7	12.0
	8	-		0.0	-	
	>8	-		0.0	-	

Table B-15. Monthly Sea State Statistics for Indian Ocean

Indian Ocean						
		Sustained Wind Speed (knots)		Percentage Probability of	Modal Wave Period	
Month	Sea State Number	Range	Mean	Occurrence	Range	Most Probable
Jan	0-1	0.4-5.8	4.4	0.0	1.3-4.5	2.3
	2	1.4-9.7	6.2	1.0	4.6-13.8	9.6
	3	3.1-12.7	8.7	10.9	6.2-14.5	9.6
	4	4.8-18.9	12.7	43.9	7.7-13.9	10.7
	5	7.2-25.2	17.8	30.2	8-14.3	11.2
	6	11.2-31.5	23.6	12.5	9.4-14.4	12.1
	7	22.3-37.8	32.3	1.4	11.2-14.7	12.9
	8	-		0.0	-	
	>8	-		0.0	-	
Feb	0-1	0.4-5.9	3.7	0.0	1.6-4.1	2.6
	2	1.3-9.4	5.9	1.1	6.8-14.1	9.6
	3	2.8-12.4	8.2	13.0	7-14.9	10.6
	4	4.5-18.7	12.6	38.4	7.9-14.3	11.1
	5	7.2-25.1	17.8	31.0	8.1-14.6	11.4
	6	11.3-31.5	23.9	14.7	9.3-14.6	11.9
	7	21.6-37.7	32.2	1.7	11.2-15.1	12.9
	8	-		0.0	-	
	>8	-		0.0	-	
Mar	0-1	0.4-6.2	3.7	0.0	1.3-3.6	2.4
	2	1.2-9.2	5.7	1.2	7-14	9.6
	3	2.1-11.7	7.3	15.6	7.9-15.4	11.3
	4	4.2-18.2	12.1	32.9	8.5-14.9	11.7
	5	6.6-25	17.5	29.4	8.4-14.8	12.0
	6	10.4-31.5	23.5	17.9	9.4-14.8	12.5
	7	20.5-37.4	32.4	3.0	11.2-15.1	13.1
	8	-		0.1	-	
	>8	-		0.0	-	
Apr	0-1	0.4-6.2	3.9	0.0	1.5-3.6	2.3
	2	1.2-9.4	5.7	1.0	6.4-13.5	9.0
	3	2-11.6	7.2	13.2	8.4-15.8	11.3
	4	3.9-18	11.9	30.9	8.8-15.6	12.3
	5	6.5-24.7	17.2	29.6	8.7-15.3	12.5
	6	9.4-31.3	22.7	20.5	9.6-15.2	13.0
	7	19.2-37.3	32.3	4.5	11.3-15.4	13.3
	8	-		0.1	-	
	>8	-		0.0	-	
May	0-1	0.4-6.3	4.1	0.0	1.7-4	2.2
	2	1.3-10.1	6.0	0.8	4.8-12.5	8.1
	3	2.7-12.6	8.4	6.4	7.8-15.8	11.0
	4	4.5-18.5	12.6	30.9	8.7-15.9	12.3
	5	6.9-24.6	17.2	32.1	8.8-15.5	12.6
	6	8.9-31	22.5	23.2	9.7-15.5	13.4
	7	18-37.4	32.3	6.5	11.3-15.5	13.7
	8	-		0.2	-	
	>8	-		0.0	-	
Jun	0-1	0.4-6.3	4.2	0.0	0.9-3	2.0
	2	1.5-10.7	6.4	0.5	3.9-11.4	7.1
	3	3.3-14	9.5	1.8	7.2-15.4	10.8
	4	5-18.9	13.1	25.1	8.8-15.9	12.1
	5	7.3-24.6	17.3	38.3	8.9-15.6	12.6
	6	9.9-30.6	23.0	26.1	9.9-15.6	13.2
	7	17.2-37.2	32.1	7.8	11.5-16	13.8

Table B-16. Monthly Sea State Statistics for Indian Ocean (continued)

	8	-		0.3	-	
	>8	-		0.0	-	
Jul	0-1	0.7-6.5	4.4	0.0	0.8-2.8	2.0
	2	1.4-11	6.6	0.5	3.5-11.7	7.7
	3	2.7-14.5	8.6	2.2	5.5-13.8	9.1
	4	4.6-20	12.9	21.7	7.4-15.2	11.2
	5	7.5-24.9	17.6	39.1	8.6-15.4	12.6
	6	10.4-30.5	22.9	27.0	10-15.6	13.3
	7	17.1-37.1	31.7	9.1	11.5-15.9	14.0
	8	31.6-45.7	38.4	0.4	13.6-16.7	15.2
	>8	-		0.0	-	
Aug	0-1	0.4-6	3.9	0.0	1.1-3.4	2.0
	2	1.7-11.4	7.0	0.5	3.7-11.3	6.9
	3	3.4-15.6	10.4	1.9	6.1-14.5	10.2
	4	5.5-19.3	13.5	23.2	8.4-15.4	11.8
	5	7.8-24.8	17.9	38.6	8.9-15.3	12.5
	6	10.3-30.8	23.1	25.5	10-15.5	13.3
	7	17.4-37.4	32.2	9.9	11.6-15.7	14.0
	8	30.5-44.3	37.4	0.4	13.6-16.6	15.2
	>8	-		0.0	-	
Sep	0-1	0.4-6.1	4.7	0.0	1-3.1	2.1
	2	1.8-11.8	7.3	0.7	3.6-11.7	6.6
	3	3-14	9.5	3.4	6.9-14.9	10.0
	4	5.1-19.3	13.4	29.6	8.2-15.2	11.8
	5	7.6-24.9	17.8	33.8	8.8-15.3	12.3
	6	9.6-30.8	22.8	23.8	10-15.6	13.4
	7	17.7-37.4	32.0	8.4	11.5-15.7	13.8
	8	31-44.2	37.2	0.3	13.6-16.6	15.1
	>8	-		0.0	-	
Oct	0-1	0.4-6.2	4.1	0.0	1.7-4.4	2.3
	2	1.6-11.1	6.9	0.8	4.7-12.4	7.1
	3	2.6-13.4	8.8	9.1	7.1-14.6	9.8
	4	4.7-19.3	13.2	33.8	7.9-14.8	11.3
	5	7.4-25	17.9	31.6	8.5-15	12.1
	6	10.1-31.4	23.3	19.8	9.7-15	13.1
	7	19.4-37.4	32.3	4.7	11.4-15.4	13.4
	8	-		0.1	-	
	>8	-		0.0	-	
Nov	0-1	0.4-6.3	3.6	0.0	1.3-4.5	2.3
	2	1.6-10.3	6.6	0.9	5.6-13.1	8.1
	3	2.6-13	8.8	11.7	6.8-14.6	10.2
	4	4.5-19.2	12.9	39.2	7.6-14.5	11.3
	5	7.2-24.8	17.7	30.4	8.2-14.8	11.8
	6	10.8-31.4	23.5	15.5	9.5-14.7	12.6
	7	21-37.2	32.3	2.2	11.3-15.2	13.1
	8	-		0.0	-	
	>8	-		0.0	-	
Dec	0-1	0.4-6.2	3.5	0.0	1.6-4	2.2
	2	1.5-9.8	6.4	0.9	6.4-13.9	9.2
	3	2.8-12.6	8.5	11.6	6.8-14.8	9.7
	4	4.5-18.9	12.5	43.1	7.7-14.3	11.0
	5	7-24.8	17.5	29.5	8.2-14.6	11.8
	6	10.7-31.4	23.4	13.3	9.5-14.5	12.3
	7	21.6-37.5	32.3	1.6	11.3-14.9	13.1
	8	-		0.0	-	
	>8	-		0.0	-	

Table B-17. Monthly Sea State Statistics for Northern Indian Ocean

Northern Indian Ocean						
		Sustained Wind Speed (knots)		Percentage Probability of	Modal Wave Period	
Month	Sea State Number	Range	Mean	Occurrence	Range	Most Probable
Jan	0-1	0.4-5.8	4.4	0.0	1.3-4.5	2.3
	2	1.4-9.6	6.2	2.1	4.6-13.8	9.6
	3	3.1-12.7	8.6	22.9	6.2-14.5	9.5
	4	5.7-17.5	12.6	64.1	7-14.1	10.4
	5	9.5-24.2	18.9	10.2	7.6-14.6	10.0
	6	17.7-30.7	26.3	0.5	8.8-14.8	10.5
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Feb	0-1	0.4-5.9	3.7	0.0	1.6-4.1	2.6
	2	1.3-9.4	5.9	2.3	6.9-14.1	9.6
	3	2.8-12.3	8.2	27.3	7-14.9	10.6
	4	5.1-17.4	12.3	56.8	7.2-14.8	10.9
	5	9.2-24.2	18.8	12.6	7.7-15	10.1
	6	15.7-32.1	26.3	1.0	8.9-13.8	10.4
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Mar	0-1	0.4-6.2	3.7	0.0	1.3-3.6	2.4
	2	1.2-9.2	5.7	2.4	7-14	9.6
	3	2.1-11.7	7.3	32.9	7.9-15.4	11.3
	4	4.3-16.8	11.5	50.8	7.9-15.4	11.7
	5	7.9-23.5	18.2	13.0	7.9-15.6	11.1
	6	12.2-31.2	24.8	0.8	9-14.9	11.1
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Apr	0-1	0.4-6.2	3.9	0.0	1.5-3.6	2.3
	2	1.2-9.4	5.7	2.1	6.3-13.5	8.9
	3	2-11.5	7.2	27.9	8.4-15.8	11.2
	4	3.9-16.5	11.3	51.5	8.5-16.2	12.6
	5	7.9-22.4	17.4	17.5	8.4-16.3	12.4
	6	9.1-28.9	20.9	0.9	9.6-16.1	13.3
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
May	0-1	0.4-6.3	4.1	0.0	1.7-4	2.2
	2	1.3-10	6.0	1.5	4.8-12.3	8.0
	3	2.7-12.5	8.4	13.4	7.7-15.8	11.0
	4	4.9-17.3	12.4	56.2	8.3-16.2	12.4
	5	8.7-22.5	17.3	26.7	8.7-15.9	12.5
	6	7.7-26.8	19.2	2.1	10.2-16.5	14.7
	7	-		0.1	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Jun	0-1	0.4-6.3	4.2	0.0	0.9-3	2.0
	2	1.5-10.6	6.4	1.0	3.7-11.1	6.9
	3	3.3-13.7	9.4	3.7	7.2-15.4	10.8
	4	5.8-17.8	13.3	46.1	8.5-16.1	12.1
	5	9.4-22.4	17.4	42.7	9-15.8	12.6
	6	11.9-27.4	22.1	6.3	10.5-15.9	13.1
	7	12.5-32.4	27.0	0.2	13-16.7	15.2

Table B-18. Monthly Sea State Statistics for Northern Indian Ocean (continued)

	8	-		0.0	-	
	>8	-		0.0	-	
Jul	0-1	0.7-6.5	4.4	0.0	0.8-2.8	2.0
	2	1.3-10.7	6.4	0.9	3.5-11.3	7.5
	3	2.6-14	8.3	4.4	5.6-13.7	9.1
	4	5.9-18.3	13.5	38.2	7.6-15.6	12.0
	5	9.7-22.5	17.7	48.4	9-15.7	12.3
	6	13.4-27.2	22.1	7.9	10.4-15.8	13.0
	7	13.3-33.3	26.4	0.1	12.8-16.4	15.2
	8	-		0.0	-	
	>8	-		0.0	-	
Aug	0-1	0.4-6	3.9	0.0	1.1-3.4	2.0
	2	1.6-10.8	6.6	0.9	3.9-10.9	7.3
	3	3.1-14	9.1	3.7	6.8-15	10.9
	4	6.4-17.9	13.5	42.1	8.5-15.6	11.8
	5	10-22.4	17.6	47.7	9-15.5	12.2
	6	12.8-27.3	22.0	5.5	10.3-15.9	13.2
	7	12.7-32.9	24.4	0.1	13.2-16.8	15.6
	8	-		0.0	-	
	>8	-		0.0	-	
Sep	0-1	0.4-6.1	4.7	0.0	1-3.1	2.1
	2	1.4-10.3	6.3	1.4	4.4-11.7	7.8
	3	2.7-12.6	8.5	6.9	7.6-15.4	10.5
	4	5.8-17.6	13.0	53.4	8.4-15.8	12.0
	5	9.7-22.2	17.3	35.3	9-15.9	12.1
	6	10.2-26.3	20.0	3.0	10.6-16.9	14.1
	7	-		0.1	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Oct	0-1	0.4-6.2	4.1	0.0	1.7-4.4	2.3
	2	1.3-9.8	5.9	1.7	5.7-12.8	8.4
	3	2.1-12.2	7.8	18.1	7.7-15	10.4
	4	5.1-17.5	12.8	55.9	7.8-15.5	11.5
	5	9.1-22.2	17.6	23.1	8.6-16	11.9
	6	8-27.6	19.6	1.2	10-16.3	14.7
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Nov	0-1	0.4-6.3	3.6	0.0	1.3-4.5	2.3
	2	1.4-9.6	6.0	1.8	6.3-13.6	8.9
	3	2.4-12.3	8.3	24.1	7.1-14.9	10.5
	4	5-17.4	12.5	59.8	7.4-15.2	11.2
	5	8.9-22.6	17.7	13.9	8.1-15.9	11.3
	6	7.2-27.9	19.6	0.4	9.7-16.4	14.1
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Dec	0-1	0.4-6.2	3.5	0.0	1.6-4	2.2
	2	1.4-9.6	6.2	1.9	6.6-14.1	9.5
	3	2.8-12.4	8.4	24.3	6.8-14.9	9.7
	4	5.4-17.4	12.5	64.0	7.1-14.7	10.9
	5	9-22.9	17.8	9.5	7.9-15.4	11.6
	6	13.8-29.7	26.1	0.3	8.7-15.6	11.6
	7	-		0.0	-	
	8	-		0.0	-	
	>8	-		0.0	-	

Table B-19. Monthly Sea State Statistics for Southern Indian Ocean

Southern Indian Ocean						
		Sustained Wind Speed (knots)		Percentage Probability of	Modal Wave Period	
Month	Sea State Number	Range	Mean	Occurrence	Range	Most Probable
Jan	0-1	-		0.0	-	
	2	2-12.1	8.1	0.1	4.3-13.7	9.6
	3	3.5-16.6	10.9	0.3	6.6-14.1	10.2
	4	4.1-20	12.7	26.5	8.3-13.7	11.0
	5	6.1-25.6	17.2	47.7	8.3-14.2	11.8
	6	11-31.5	23.6	22.7	9.4-14.4	12.2
	7	22.3-37.8	32.3	2.6	11.2-14.7	12.9
	8	-		0.0	-	
	>8	-		0.0	-	
Feb	0-1	-		0.0	-	
	2	1.8-11.6	7.6	0.1	5.3-14.1	9.5
	3	3.4-16.1	10.6	0.2	7.4-14.7	10.6
	4	4.1-19.9	12.8	22.6	8.5-13.9	11.3
	5	6.2-25.6	17.3	47.2	8.4-14.4	12.0
	6	10.9-31.5	23.6	26.6	9.4-14.7	12.1
	7	21.6-37.7	32.2	3.2	11.2-15.1	12.9
	8	-		0.1	-	
	>8	-		0.0	-	
Mar	0-1	-		0.0	-	
	2	1.7-11.2	7.4	0.1	6-14.6	10.1
	3	3.1-16.1	10.2	0.2	8.1-14.8	11.2
	4	4.1-19.8	12.7	17.4	9-14.3	11.7
	5	6-25.6	17.2	43.9	8.6-14.5	12.4
	6	10.2-31.5	23.4	32.6	9.5-14.8	12.6
	7	20.5-37.4	32.4	5.6	11.2-15.1	13.1
	8	-		0.1	-	
	>8	-		0.0	-	
Apr	0-1	-		0.0	-	
	2	1.6-11.2	6.7	0.1	6.9-15.3	10.3
	3	3-16.3	10.4	0.2	8.5-15.5	11.6
	4	3.9-19.7	12.6	13.1	9.3-14.9	12.0
	5	5.8-25.7	17.1	40.4	8.8-14.8	12.5
	6	9.4-31.5	22.8	37.6	9.6-15.1	12.9
	7	19.2-37.3	32.3	8.4	11.3-15.4	13.3
	8	-		0.2	-	
	>8	-		0.0	-	
May	0-1	-		0.0	-	
	2	1.7-11.2	6.5	0.1	6.8-15.9	10.7
	3	3-16.7	10.3	0.2	8.6-16	11.9
	4	4-19.9	12.8	8.8	9.1-15.5	12.2
	5	5.6-26	17.0	37.0	8.8-15.2	12.7
	6	9.1-31.9	23.2	41.5	9.6-15.3	13.2
	7	18-37.4	32.3	12.1	11.3-15.5	13.7
	8	-		0.3	-	
	>8	-		0.0	-	
Jun	0-1	-		0.0	-	
	2	1.7-11.4	6.7	0.1	6.5-16	10.8
	3	3.7-17.9	11.1	0.2	7.7-15.7	11.6
	4	3.9-20.4	12.7	6.6	9.1-15.7	12.3
	5	5.5-26.3	17.3	34.6	8.8-15.4	12.7
	6	9-32	23.3	43.5	9.7-15.5	13.2
	7	17.2-37.2	32.1	14.4	11.5-16	13.8

Table B-20. Monthly Sea State Statistics for Southern Indian Ocean (continued)

	8	-		0.6	-	
	>8	-		0.0	-	
Jul	0-1	-		0.0	-	
	2	1.4-12.5	7.7	0.1	3-14.3	9.8
	3	3.2-18.9	12.0	0.3	4.8-14	9.7
	4	3.2-21.9	12.3	7.0	7.1-14.8	10.3
	5	5.6-26.9	17.5	30.9	8.3-15.2	12.8
	6	9-31.9	23.2	44.1	9.9-15.5	13.4
	7	17.1-37.2	31.8	17.0	11.5-15.9	14.0
	8	31.6-45.7	38.4	0.7	13.6-16.7	15.2
	>8	-		0.0	-	
Aug	0-1	-		0.0	-	
	2	2.1-13.9	8.7	0.0	3.1-13	5.6
	3	4.3-20.3	14.1	0.2	4-13	8.4
	4	4.3-21.3	13.5	5.8	8.2-15.1	11.8
	5	5.9-26.7	18.0	30.4	8.8-15.1	12.7
	6	9.3-32.2	23.4	43.9	9.9-15.3	13.4
	7	17.4-37.4	32.2	18.9	11.6-15.7	14.0
	8	30.5-44.3	37.4	0.7	13.6-16.6	15.2
	>8	-		0.0	-	
Sep	0-1	-		0.0	-	
	2	2.3-14	8.9	0.1	2.4-11.9	4.9
	3	4.5-20.3	14.0	0.2	3.8-12.4	7.9
	4	4.3-21.5	13.9	7.2	8.1-14.5	11.5
	5	5.9-26.8	18.1	32.6	8.7-14.8	12.4
	6	9.4-32	23.6	43.1	9.8-15.3	13.2
	7	17.7-37.4	32.0	16.2	11.5-15.7	13.8
	8	31-44.2	37.2	0.6	13.6-16.6	15.1
	>8	-		0.0	-	
Oct	0-1	-		0.0	-	
	2	2.4-14.3	9.1	0.1	2.3-11.6	4.2
	3	5.1-20.2	14.8	0.2	3.8-11.9	6.4
	4	4.4-21.1	13.7	12.6	8-14.1	11.2
	5	6.4-26.6	18.0	40.0	8.5-14.4	12.2
	6	10.3-31.9	23.7	37.7	9.7-14.9	12.9
	7	19.4-37.4	32.3	9.3	11.4-15.4	13.4
	8	-		0.2	-	
	>8	-		0.0	-	
Nov	0-1	-		0.0	-	
	2	2.6-13.7	9.4	0.1	2.3-11	4.1
	3	4.4-18.9	13.0	0.3	4.1-12	7.7
	4	4-20.6	13.1	20.7	7.8-13.8	11.3
	5	6.2-26	17.6	45.6	8.2-14.2	12.1
	6	10.8-31.5	23.5	29.1	9.5-14.7	12.6
	7	21-37.2	32.3	4.3	11.3-15.2	13.1
	8	-		0.1	-	
	>8	-		0.0	-	
Dec	0-1	-		0.0	-	
	2	2.2-12.7	8.2	0.1	3-11.4	5.7
	3	3.5-17.7	11.8	0.3	5.2-12.9	8.7
	4	3.8-20.1	12.5	24.9	8.1-14	11.1
	5	6-25.6	17.3	47.1	8.3-14.2	11.9
	6	10.7-31.4	23.4	24.6	9.5-14.5	12.3
	7	21.6-37.5	32.3	3.0	11.3-14.9	13.1
	8	-		0.0	-	
	>8	-		0.0	-	

Table B-21. Monthly Sea State Statistics for North Pacific

North Pacific						
		Sustained Wind Speed (knots)		Percentage Probability of	Modal Wave Period	
Month	Sea State Number	Range	Mean	Occurrence	Range	Most Probable
Jan	0-1	1-6	4.5	0.0	1-3.3	2.2
	2	2-11.9	7.6	0.1	3.6-13.2	8.5
	3	2.4-13.4	8.4	2.3	7.2-14.4	10.2
	4	4.7-19.1	13.0	43.0	8-14.8	11.4
	5	7.5-24.6	17.6	35.7	8.2-15.1	11.7
	6	9.2-31.9	23.0	14.9	9.4-15.1	12.5
	7	16.6-38.7	32.6	3.8	11.1-15.7	13.3
	8	32.4-45.7	38.6	0.2	13.4-15.9	15.2
	>8	-		0.0	-	
Feb	0-1	0.7-6.2	4.1	0.0	1.2-3.1	2.2
	2	1.8-11.7	7.1	0.1	4.3-13.1	8.8
	3	2.3-13.2	8.2	2.4	7.8-13.9	10.2
	4	4.7-18.9	13.0	45.8	8.2-14.8	11.3
	5	7.6-24.3	17.6	34.8	8.4-15.1	11.7
	6	8.9-32.3	22.5	13.5	9.4-15.2	12.6
	7	17.4-38.8	32.7	3.2	11-15.6	13.2
	8	-		0.2	-	
	>8	-		0.0	-	
Mar	0-1	0.5-6.1	4.2	0.0	1.3-3.5	2.2
	2	1.7-11.6	7.1	0.1	4.4-13.4	8.4
	3	2.3-13	8.2	3.0	7.7-13.9	10.2
	4	4.8-18.8	13.0	52.2	8-14.7	10.9
	5	7.9-24.5	18.0	32.4	8.2-15	11.2
	6	9.4-32.5	23.8	10.4	9.2-15.1	12.2
	7	18.8-39.1	32.6	1.9	10.9-15.5	12.9
	8	-		0.1	-	
	>8	-		0.0	-	
Apr	0-1	0.5-6	4.2	0.0	1.4-3.1	2.2
	2	1.6-11.2	6.8	0.2	4.9-13.4	8.9
	3	2.2-12.8	8.2	4.8	7.7-13.4	10.3
	4	4.7-18.4	12.7	64.5	7.8-14.2	10.4
	5	8.8-24.6	18.6	24.4	7.9-14.3	10.4
	6	10.4-33.5	24.5	5.3	9-14.5	11.7
	7	20.6-39.8	33.0	0.8	10.8-15.2	12.9
	8	-		0.0	-	
	>8	-		0.0	-	
May	0-1	0.4-6	4.0	0.0	1.5-3.7	2.6
	2	1.4-10.3	6.1	0.2	5.1-13	8.5
	3	2.3-12.7	8.3	9.9	7.2-13.6	9.9
	4	4.7-18.1	12.6	74.9	7.4-14.2	9.9
	5	9-24.7	18.9	12.9	7.6-13.6	9.7
	6	13.5-34	25.9	1.9	8.9-13.6	10.9
	7	-		0.2	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Jun	0-1	0.4-6	3.9	0.0	1.7-4.2	2.6
	2	1.2-9.8	5.7	0.3	5.5-12.2	8.1
	3	2.2-12.6	8.2	13.5	7-14.1	9.9
	4	5-18	12.6	77.7	7.1-14.2	9.4
	5	9.2-25.1	19.4	7.6	7.5-13.1	9.6
	6	15.4-33.8	26.5	0.8	8.8-12.8	10.5
	7	-		0.0	-	

Table B-22. Monthly Sea State Statistics for North Pacific (continued)

	8	-		0.0	-	
	>8	-		0.0	-	
Jul	0-1	0.4-5.8	3.8	0.0	1.7-4	2.7
	2	0.7-8.9	4.4	0.6	3.7-10.9	8.1
	3	2-13.1	8.1	17.4	5.2-14.3	9.1
	4	4.8-17.8	12.6	75.5	7-14.4	9.4
	5	9.8-24.9	19.6	5.9	7.5-13.3	9.2
	6	17.3-33.9	27.3	0.6	9.1-12.8	10.7
	7	-		0.1	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Aug	0-1	0.4-5.9	3.5	0.0	1.5-4.2	2.6
	2	1.2-9.7	5.5	0.3	5.4-12.7	8.4
	3	2.1-12.4	8.0	14.0	6.7-14.2	10.0
	4	4.5-17.8	12.3	77.6	7-14.6	9.5
	5	9.2-25.4	19.6	7.1	7.4-13.4	9.3
	6	16.5-34.3	27.5	0.9	9.1-13	10.7
	7	-		0.1	-	
	8	-		0.0	-	
	>8	-		0.0	-	
Sep	0-1	0.4-5.7	3.7	0.0	1.8-3.8	2.7
	2	1.3-10	5.8	0.2	5.8-12.8	8.5
	3	2-12.3	7.9	11.8	7.2-13.9	9.7
	4	4.2-18	12.1	73.6	7.1-14.6	9.8
	5	7.5-25.4	19.0	11.5	7.5-14.5	9.8
	6	13.1-34.4	25.8	2.4	8.9-14.2	10.9
	7	22.7-41.8	33.2	0.4	10.6-15.1	12.0
	8	-		0.0	-	
	>8	-		0.0	-	
Oct	0-1	0.4-5.9	3.8	0.0	1.3-3.2	2.1
	2	1.5-11	6.5	0.2	4.9-12.9	8.3
	3	2.1-12.5	8.0	7.5	7.5-13.5	9.8
	4	4.1-18.4	12.3	67.2	7.4-14.5	10.6
	5	7.3-25.3	18.7	18.8	7.7-14.5	10.6
	6	12-34	25.3	5.4	9-14.3	11.4
	7	19.8-40.5	33.1	0.9	10.7-15.6	12.7
	8	-		0.0	-	
	>8	-		0.0	-	
Nov	0-1	0.5-6.1	4.2	0.0	1.2-3.5	2.1
	2	1.8-11.6	7.1	0.1	4.6-12.5	8.3
	3	2.1-12.8	7.9	4.4	7.8-13.5	10.1
	4	4.3-18.8	12.8	55.4	7.7-14.4	10.8
	5	7.3-24.8	18.2	27.9	8.1-14.8	11.1
	6	10.7-32.9	24.8	10.0	9.1-14.5	11.9
	7	19.4-39.5	32.5	2.0	10.8-15.2	13.1
	8	-		0.1	-	
	>8	-		0.0	-	
Dec	0-1	0.9-6.2	4.3	0.0	1.1-3.2	2.1
	2	1.9-11.8	7.5	0.1	4.2-13.2	8.8
	3	2.2-12.9	8.1	2.6	8-14.3	10.5
	4	4.6-19.1	13.0	45.1	8-14.7	11.1
	5	7.3-24.6	17.9	34.5	8.3-15	11.6
	6	10.1-32	23.7	14.1	9.3-14.9	12.3
	7	17.4-38.8	32.8	3.5	11-15.5	13.3
	8	-		0.2	-	
	>8	-		0.0	-	

Table B-23. Monthly Sea State Statistics for South Pacific

South Pacific						
		Sustained Wind Speed (knots)		Percentage Probability of	Modal Wave Period	
Month	Sea State Number	Range	Mean	Occurrence	Range	Most Probable
Jan	0-1	0.4-6	3.4	0.0	2.7-11.6	6.0
	2	1.2-9.5	5.6	0.5	4.4-12.7	8.6
	3	2.3-12.6	8.1	4.1	6.7-14.4	10.4
	4	4.4-18.3	12.4	58.5	8.2-15.9	11.8
	5	7.3-24.2	17.8	26.3	8-15.1	11.6
	6	12.3-31.7	24.3	9.6	9.3-14.3	11.9
	7	22.4-37.4	32.3	1.0	11.2-14.8	12.8
	8	-		0.0	-	
	>8	-		0.0	-	
Feb	0-1	0.4-6	3.9	0.0	2.7-9.2	4.7
	2	1.2-9.6	5.8	0.4	4.8-12.5	8.5
	3	2.2-12.4	8.0	3.4	7.4-14.2	10.2
	4	4.3-18.1	12.2	56.0	8.7-15.8	12.1
	5	6.8-23.8	17.4	27.4	8.3-15.4	12.0
	6	11-31.5	23.9	11.3	9.4-14.7	12.3
	7	21.7-37	32.1	1.5	11.3-15	13.0
	8	-		0.0	-	
	>8	-		0.0	-	
Mar	0-1	0.4-6.1	4.0	0.0	3-9.4	5.6
	2	1.1-9.3	5.5	0.4	5.4-12.8	8.9
	3	2-12.2	7.7	3.3	7.7-14.3	10.0
	4	4.1-18	12.0	51.1	8.9-15.9	12.3
	5	6.6-23.9	16.9	28.9	8.6-15.4	12.5
	6	10.3-31.7	23.4	13.7	9.3-15	12.8
	7	20.1-37.1	32.3	2.5	11.3-15.3	13.4
	8	-		0.0	-	
	>8	-		0.0	-	
Apr	0-1	0.4-5.9	3.6	0.0	3.1-10.4	4.6
	2	1.3-9.4	6.0	0.4	5.4-12.6	8.6
	3	2.2-12.5	8.2	3.6	7.4-13.9	9.7
	4	4.2-18.2	12.2	45.1	8.8-15.8	12.2
	5	6.4-23.9	17.0	30.6	8.6-15.7	13.0
	6	9.7-31.5	23.1	16.4	9.4-15.4	13.2
	7	19.2-37.1	32.2	3.9	11.3-15.5	13.7
	8	-		0.1	-	
	>8	-		0.0	-	
May	0-1	0.5-6.1	3.8	0.0	2.8-9.6	4.1
	2	1.4-9.5	6.2	0.4	5.1-11.8	8.2
	3	2.4-12.6	8.4	4.0	7-14.1	9.3
	4	4.3-18.4	12.4	41.0	8.5-15.9	12.1
	5	6.4-23.9	16.8	31.7	8.7-15.8	13.1
	6	9.4-31.4	23.0	18.3	9.5-15.6	13.3
	7	18.5-37.2	32.2	4.6	11.3-15.7	13.8
	8	-		0.1	-	
	>8	-		0.0	-	
Jun	0-1	0.4-6	4.0	0.0	1.9-8.7	3.7
	2	1.6-9.8	6.6	0.3	4.7-11.3	7.7
	3	2.9-13.3	9.3	3.2	6.6-13.8	9.0
	4	4.6-18.9	12.7	39.4	8.1-15.7	11.8
	5	7.1-24.1	17.2	33.8	8.3-15.7	12.6
	6	9.6-31.6	23.1	18.6	9.5-15.5	13.1
	7	18.8-37.3	32.3	4.5	11.2-15.6	13.6

Table B-24. Monthly Sea State Statistics for South Pacific (continued)

	8	-		0.1	-	
	>8	-		0.0	-	
Jul	0-1	0.4-6.4	3.8	0.0	2-9.1	4.5
	2	1.3-9.7	6.0	0.4	3.2-10.8	7.2
	3	2.6-14	8.8	3.8	5-13.4	7.8
	4	4.5-19.4	12.8	39.3	7.2-15.3	11.4
	5	7.4-24.5	17.4	33.8	8.1-15.3	12.3
	6	9.7-31.9	23.5	18.2	9.4-15.3	12.7
	7	18.9-37.6	32.4	4.4	11.2-15.5	13.3
	8	-		0.1	-	
	>8	-		0.0	-	
Aug	0-1	0.6-6.6	4.1	0.0	2.3-9.5	4.2
	2	1.8-10.1	6.9	0.3	4.1-11.7	7.4
	3	3.1-13.7	9.6	2.9	6.1-13.5	8.8
	4	4.8-19.1	12.8	39.6	7.8-15.5	11.5
	5	7.5-24.4	17.5	34.5	8.3-15.5	12.3
	6	9.8-31.9	23.3	17.8	9.4-15.5	12.9
	7	18.3-37.6	32.4	4.7	11.2-15.7	13.8
	8	-		0.1	-	
	>8	-		0.0	-	
Sep	0-1	0.5-6.3	4.2	0.0	1.9-9.9	4.1
	2	1.8-10	6.8	0.3	4.3-12.1	7.7
	3	2.9-13.3	9.3	3.8	6.6-14.2	9.0
	4	4.8-19	12.9	42.5	7.8-15.8	11.7
	5	7.4-24.3	17.6	32.2	8.2-15.6	12.5
	6	9.9-31.6	23.1	16.8	9.4-15.4	13.3
	7	18.8-37.2	32.2	4.2	11.3-15.6	13.8
	8	-		0.1	-	
	>8	-		0.0	-	
Oct	0-1	0.4-6.2	4.1	0.0	2.5-10.8	4.9
	2	1.5-9.7	6.4	0.4	4.9-12.3	7.9
	3	2.6-12.8	8.8	4.9	7-14.7	9.6
	4	4.7-18.6	12.7	45.9	7.9-15.8	12.0
	5	7.1-24.1	17.3	29.8	8.3-15.6	12.8
	6	10-31.4	23.1	15.2	9.4-15.3	13.2
	7	19.4-36.8	32.2	3.6	11.4-15.5	13.6
	8	-		0.1	-	
	>8	-		0.0	-	
Nov	0-1	0.4-6.1	3.6	0.0	2.8-10.9	4.6
	2	1.2-9.4	5.9	0.5	5-12.7	8.1
	3	2.3-12.4	8.1	5.5	7.3-14.5	10.2
	4	4.5-18.3	12.4	52.3	8-15.6	12.0
	5	7.1-24.1	17.4	27.3	8.2-15.1	12.5
	6	10.9-31.4	23.8	12.2	9.4-14.7	12.7
	7	20.7-36.8	32.2	2.2	11.4-14.9	13.3
	8	-		0.0	-	
	>8	-		0.0	-	
Dec	0-1	0.4-5.9	3.7	0.0	3.5-10.9	6.1
	2	1.2-9.3	5.5	0.5	4.9-12.8	8.6
	3	2.3-12.4	8.1	4.7	7.4-14.4	10.4
	4	4.4-18.2	12.4	59.1	8.2-15.8	11.9
	5	7.3-24.2	17.8	25.5	8.1-15	11.7
	6	11.9-31.6	24.4	9.2	9.3-14.4	12.0
	7	22.3-37.1	32.3	1.0	11.2-14.9	12.7
	8	-		0.0	-	
	>8	-		0.0	-	

APPENDIX C: Statistics by Wave Height

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Table C-1. Annual and Seasonal Wave Height Statistics for North Atlantic

North Atlantic

Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range
0-1	4.75	7.79	4.9-12.6	7.40	1.7-12.4	2.57	8.37	4.3-12.4	8.36	2.2-13.9	9.75	7.29	4.8-12.2	7.53	1.9-12.5
1-2	46.81	8.90	6.4-12.7	12.13	3.9-17.5	27.04	9.79	6.7-13.1	12.43	4.4-18	67.10	8.31	6.3-11.8	12.05	4.5-17.1
2-3	27.66	9.71	7-13.4	17.09	6.7-22.5	33.47	10.31	7.3-13.6	16.70	6.5-22.9	19.49	8.68	6.9-12	17.31	7.9-22.2
3-4	9.62	10.60	8-13.9	21.58	8.8-27.5	14.66	11.01	8.1-13.9	21.04	8.4-27.5	3.41	9.34	7.8-12.4	22.41	10.7-28.6
4-5	5.00	11.70	9-14.2	24.69	10.7-32	9.27	12.07	9.1-14.1	23.87	9.5-31.5	0.85	10.30	8.8-13	26.32	14.5-33.3
5-6	2.74	12.25	10-14.3	28.21	14-35.3	5.92	12.50	10.1-14.3	27.56	12.6-34.9	0.23	11.14	9.7-13.4	29.56	19.6-37
6-7	1.40	12.75	10.9-14.6	31.91	18.6-38	3.34	12.90	10.9-14.6	31.64	17.2-37.6	0.07	11.88	10.5-13.8	33.05	24.5-39.8
7-8	0.64	13.29	11.7-14.9	34.51	23.7-40.3	1.64	13.36	11.8-14.9	34.28	22.5-40	0.02				
8-9	0.26	13.90	12.5-15.3	36.87	28.3-42.6	0.71	13.90	12.5-15.3	36.70	27.5-42.3	0.01				
9-10	0.10	14.50	13.1-15.7	39.18	32.3-45	0.27	14.43	13.2-15.8	39.04	31.5-44.6	0.00				
10-11	0.03	15.11	13.8-16.2	41.27	35-46.8	0.09	15.15	13.8-16.3	40.65	34.4-46.2	0.00				
11-12	0.01	15.66	14.2-16.5	43.27	37.5-49	0.02					0.00				
12-13	0.00					0.00					0.00				
13-14	0.00					0.00					0.00				
14-15	0.00					0.00					0.00				
15-16	0.00					0.00					0.00				
16+	0.00					0.00					0.00				

Table C-2. Annual and Seasonal Wave Height Statistics for Northern North Atlantic

Northern North Atlantic

Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range
0-1	4.57	7.79	5.2-13.2	7.47	1.6-12.5	1.53	7.84	3.6-12.3	9.26	2.5-15.3	11.72	7.63	5.2-12.8	7.28	1.6-12.3
1-2	32.49	8.53	5.9-12	11.93	3.5-18.5	13.19	9.47	6.3-12.7	12.62	3.8-19.5	57.68	8.11	5.8-11.4	11.83	3.5-17.9
2-3	27.77	9.74	6.8-12.6	17.53	5.7-24.2	24.60	10.41	7-13	17.04	5.4-24.8	23.40	8.54	6.6-11.7	18.10	6.7-23.6
3-4	15.64	10.76	7.9-13.2	21.95	8-29	21.47	11.25	8-13.3	21.14	7.2-29.4	5.98	9.40	7.8-12.6	22.57	10.3-28.7
4-5	8.97	11.50	8.9-13.7	25.51	10.5-32.8	16.30	11.81	9-13.7	24.75	9.5-32.9	1.50	10.30	8.8-13	26.32	14.5-33.3
5-6	5.03	12.06	9.9-14.1	28.94	14.2-35.7	10.76	12.28	10-14.2	28.42	12.8-35.6	0.41	11.14	9.7-13.4	29.56	19.6-37
6-7	2.59	12.63	10.8-14.5	32.30	18.8-38.1	6.12	12.81	10.9-14.6	31.98	17.3-37.8	0.12	11.88	10.5-13.8	33.05	24.5-39.8
7-8	1.19	13.27	11.7-14.9	34.58	23.7-40.3	3.02	13.36	11.8-14.9	34.28	22.5-40	0.04				
8-9	0.49	13.90	12.5-15.3	36.87	28.3-42.6	1.30	13.90	12.5-15.3	36.70	27.5-42.3	0.01				
9-10	0.18	14.50	13.1-15.7	39.18	32.3-45	0.50	14.43	13.2-15.8	39.04	31.5-44.6	0.00				
10-11	0.06	15.11	13.8-16.2	41.27	35-46.8	0.16	15.15	13.8-16.3	40.65	34.4-46.2	0.00				
11-12	0.01	15.66	14.2-16.5	43.27	37.5-49	0.04					0.00				
12-13	0.00					0.01					0.00				
13-14	0.00					0.00					0.00				
14-15	0.00					0.00					0.00				
15-16	0.00					0.00					0.00				
16+	0.00					0.00					0.00				

Table C-3. Annual and Seasonal Wave Height Statistics for Southern North Atlantic

Southern North Atlantic

Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range
0-1	5.01	7.81	4.6-11.9	7.30	1.9-12.3	3.75	9.07	5.3-12.5	7.17	1.9-12	7.55	6.91	4.3-11.4	7.82	2.3-12.6
1-2	63.21	9.37	7-13.5	12.36	4.5-16.2	43.16	10.20	7.2-13.7	12.17	5-16.2	78.61	8.56	6.9-12.4	12.29	5.7-16
2-3	27.51	9.68	7.3-14.3	16.53	7.8-20.3	43.88	10.20	7.5-14.4	16.23	7.9-20.4	14.52	8.85	7.2-12.4	16.33	9.3-20.3
3-4	2.76	10.39	8.1-15	21.05	9.9-25.2	6.81	10.68	8.4-14.9	20.87	10.1-24.6	0.25	9.20	7.8-11.9	22.00	11.9-28.1
4-5	0.44	12.12	9.2-15.3	23.02	10.9-30.2	1.07	12.70	9.3-15.1	21.73	9.5-28.1	0.04	10.11	8.9-12.4	27.53	18.4-33.9
5-6	0.10	13.00	10.3-15.1	25.48	13.5-33.8	0.24	13.78	10.8-15.2	22.78	11.5-31.4	0.02				
6-7	0.03	13.78	11.2-15.4	28.58	17.2-36.6	0.06	14.17	11.6-15.5	26.72	15.8-34.2	0.01				
7-8	0.01	14.49	12-15.6	31.67	23-39.1	0.01	14.56	12.5-15.4	30.73	22.1-36.2	0.00				
8-9	0.00	14.63	11.8-15.7	35.96	29.1-47.6	0.00					0.00				
9-10	0.00					0.00					0.00				
10-11	0.00					0.00					0.00				
11-12	0.00					0.00					0.00				
12-13	0.00					0.00					0.00				
13-14	0.00					0.00					0.00				
14-15	0.00					0.00					0.00				
15-16	0.00					0.00					0.00				
16+	0.00					0.00					0.00				

Table C-4. Annual and Seasonal Wave Height Statistics for South Atlantic

South Atlantic

Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range
0-1	1.09	8.16	4.6-13.5	8.67	2.4-13.6	1.32	9.23	5-13.8	7.85	2.3-12.2	1.05	7.19	4.6-11.7	9.20	2.6-14.3
1-2	33.59	10.22	7-14.3	12.17	4.2-17.9	43.78	10.16	7.2-14.3	11.71	4.2-17.1	23.95	9.53	6.8-14	12.46	4.2-18.5
2-3	34.36	10.88	7.4-14.1	15.83	6.2-22.1	31.01	10.59	7.4-13.9	15.70	6.3-21.6	36.71	10.77	7.4-14.2	16.29	6.3-22.9
3-4	15.62	11.02	8.1-14.1	20.14	8.6-26.7	13.78	10.44	7.9-13.3	20.61	8.1-27.4	18.26	11.21	8.1-14.3	20.34	8.5-27.2
4-5	8.19	11.55	9-14.1	24.02	11.4-31	6.05	10.93	8.9-13.4	24.46	12.1-31.6	10.90	11.77	9.1-14.3	23.81	10.6-31.3
5-6	3.88	11.98	10-14.2	28.84	15.4-34.3	2.25	11.55	9.9-13.6	29.80	17.5-34	5.92	12.15	10-14.3	27.99	14.7-34.5
6-7	1.55	12.52	10.8-14.4	32.24	20.3-37.2	0.66	12.28	10.9-14	32.09	22.2-36.9	2.70	12.56	10.9-14.5	32.14	19.7-37.1
7-8	0.51	13.17	11.7-14.8	33.44	24.8-39.8	0.16	13.27	11.7-14.6	32.82	25.9-39.4	0.98	13.23	11.7-15	33.74	24-39.6
8-9	0.15	13.79	12.4-15.3	36.21	28.4-42.4	0.04	13.73	11.9-15.1	35.89	29.6-43.4	0.30	13.87	12.5-15.5	35.76	27-42
9-10	0.04	14.49	13.1-15.9	38.47	30.9-44.8	0.01					0.08	14.55	13-16.1	37.90	29.5-44.3
10-11	0.01	15.14	13.7-16.5	40.51	33.2-47.1	0.00					0.02				
11-12	0.00					0.00					0.01				
12-13	0.00					0.00					0.00				
13-14	0.00					0.00					0.00				
14-15	0.00					0.00					0.00				
15-16	0.00					0.00					0.00				
16+	0.00					0.00					0.00				

Table C-5. Annual and Seasonal Wave Height Statistics for Mediterranean Sea

Mediterranean Sea

Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range
0-1	66.07	4.19	2.5-6.7	8.06	1.9-14.8	50.19	4.54	2.7-7.1	8.54	2.1-15.3	82.34	3.98	2.6-6	8.18	2.1-14.1
1-2	25.31	6.18	4.6-8.1	15.95	6.5-22.3	32.70	6.22	4.6-8.4	16.35	6.3-22.7	17.48	6.10	4.7-7.3	15.29	7.4-20.6
2-3	5.87	7.66	6.3-9.3	22.61	12.5-28.6	11.23	7.67	6.3-9.4	22.79	12.4-28.8	1.43	7.55	6.5-8.4	21.37	14.4-25.9
3-4	1.56	8.79	7.6-10.2	27.61	18.4-33.2	3.64	8.82	7.6-10.2	27.54	18.2-33	0.14	8.78	7.9-9.5	26.40	20-32
4-5	0.42	9.80	8.7-10.9	31.42	23.1-36.3	1.10	9.84	8.6-11	30.98	22.6-36	0.02	9.39	7.8-9.9	32.70	26.9-37.5
5-6	0.10	10.76	9.7-11.6	34.17	27.2-38.4	0.29	10.82	9.6-11.7	33.97	26.7-38	0.00				
6-7	0.02	11.43	10.2-11.8	37.66	33-41.4	0.06	11.45	10.1-11.9	37.14	31.7-41	0.00				
7-8	0.00					0.01					0.00				
8-9	0.00					0.00					0.00				
9-10	0.00					0.00					0.00				
10-11	0.00					0.00					0.00				
11-12	0.00					0.00					0.00				
12-13	0.00					0.00					0.00				
13-14	0.00					0.00					0.00				
14-15	0.00					0.00					0.00				
15-16	0.00					0.00					0.00				
16+	0.00					0.00					0.00				

Table C-6. Annual and Seasonal Wave Height Statistics for Black Sea

Black Sea

Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range
0-1	71.89	4.02	2.4-5.8	8.55	2-15.5	55.33	4.32	2.6-6.2	9.72	2.6-16.3	89.91	3.77	2.3-5.3	8.22	2-14.7
1-2	22.72	5.78	4.5-7.3	17.28	8-23.5	33.66	5.89	4.4-7.4	17.40	7.9-23.8	11.06	5.66	4.5-6.8	16.19	8.5-21.8
2-3	3.98	7.26	6.2-8.6	23.54	13.6-29.2	8.13	7.32	6.1-8.7	23.37	13.3-29.3	0.54	7.01	6.1-8.1	22.67	15.6-27.7
3-4	0.70	8.50	7.5-9.6	27.98	18.6-33.7	1.70	8.54	7.4-9.6	27.70	18.7-34	0.05				
4-5	0.12	9.34	8.3-10.3	32.39	24.4-37.3	0.33	9.29	7.9-10.2	32.74	25.1-37.3	0.00				
5-6	0.01	10.24	8.3-10.9	35.59	29.1-40.2	0.04					0.00				
6-7	0.00					0.00					0.00				
7-8	0.00					0.00					0.00				
8-9	0.00					0.00					0.00				
9-10	0.00					0.00					0.00				
10-11	0.00					0.00					0.00				
11-12	0.00					0.00					0.00				
12-13	0.00					0.00					0.00				
13-14	0.00					0.00					0.00				
14-15	0.00					0.00					0.00				
15-16	0.00					0.00					0.00				
16+	0.00					0.00					0.00				

Table C-7. Annual and Seasonal Wave Height Statistics for North Sea

North Sea

Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range
0-1	33.82	4.92	3.2-10.4	9.48	2.2-15.5	20.47	5.88	3.5-12.4	10.11	2.5-15.8	53.99	4.87	3-8.6	9.16	2.1-15
1-2	36.85	6.20	4.7-10.4	16.62	6.7-23	33.37	6.62	4.8-11.3	16.87	6.6-23.7	37.18	6.10	4.6-8.7	16.28	7-21.8
2-3	17.21	7.47	6.2-10.8	22.97	12.5-29.7	23.74	7.64	6.2-11.2	23.18	12-30.2	8.21	7.43	6.3-9.2	22.42	14.8-27.9
3-4	7.06	8.71	7.4-11.3	28.02	18.2-34.6	12.60	8.73	7.5-11.4	28.33	18-34.8	1.41	8.66	7.5-10.1	27.16	20.6-33
4-5	2.80	9.81	8.6-11.9	32.22	23.4-38	5.76	9.76	8.6-11.8	32.63	23.2-38	0.25	9.73	8.5-10.7	30.50	25.1-36.9
5-6	0.97	10.71	9.6-12.7	35.09	27.6-40.7	2.19	10.64	9.5-12.5	34.80	26.9-40.6	0.03				
6-7	0.29	11.67	10.4-13.5	36.80	30.3-42.9	0.67	11.51	10.3-13.4	36.51	29.5-42.6	0.00				
7-8	0.08	12.39	11.3-14.4	38.77	32.5-44.6	0.18	12.35	11.1-15.2	38.56	30.2-44.3	0.00				
8-9	0.02	13.82	11.8-15.6	39.51	32.1-46.6	0.04	13.25	12.2-16.1	37.42	30.4-46.1	0.00				
9-10	0.00					0.01					0.00				
10-11	0.00					0.00					0.00				
11-12	0.00					0.00					0.00				
12-13	0.00					0.00					0.00				
13-14	0.00					0.00					0.00				
14-15	0.00					0.00					0.00				
15-16	0.00					0.00					0.00				
16+	0.00					0.00					0.00				

Table C-8. Annual and Seasonal Wave Height Statistics for Indian Ocean

Indian Ocean

Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range
0-1	5.94	9.79	5.5-14.6	7.36	1.8-12.2	7.53	9.84	5.2-14.7	7.38	2.4-11.3	1.70	8.53	5.3-12.7	7.29	2.2-13.2
1-2	21.56	11.14	7.6-14.7	11.40	3.5-17.1	30.09	10.70	7.7-14.1	11.11	3.9-16.7	10.19	9.69	6.9-14.8	11.10	3.7-18.2
2-3	29.32	11.82	8-14.9	15.22	6.1-21.7	29.91	10.84	7.8-13.9	15.44	6.4-21.7	30.30	12.10	8.2-15.3	15.24	6.1-22.1
3-4	18.79	12.11	8.5-15	19.26	8.8-25.9	17.05	11.15	8.2-14.2	19.57	8.6-26.5	23.78	12.52	8.9-15.3	18.99	8.5-25.7
4-5	11.37	12.55	9.3-15.1	22.69	11.2-29.9	8.88	11.55	9-14.2	23.48	11.6-30.7	14.99	13.03	9.7-15.4	22.13	10.4-29.3
5-6	6.61	13.07	10.2-15.3	26.11	13.4-33.1	3.76	12.08	10-14.3	27.86	15.8-33.2	9.90	13.57	10.6-15.6	25.11	12.1-32.3
6-7	3.36	13.52	11.3-15.6	30.94	16.5-35.5	1.29	12.76	11.1-14.8	31.84	20.7-35.7	5.85	13.82	11.4-15.7	30.02	15.6-35.2
7-8	1.38	14.02	12.1-15.8	32.42	21.4-37.9	0.36	13.42	11.8-15.1	32.43	25.3-39	2.74	14.11	12.2-15.9	32.73	20.8-37.8
8-9	0.47	14.46	12.8-16.1	34.48	26-40.5	0.10	13.95	12.4-15.4	35.35	29.7-41.9	1.03	14.48	12.9-16.1	34.74	25.5-40.4
9-10	0.14	14.83	13.5-16.4	37.28	30-43.2	0.02					0.31	14.86	13.4-16.4	37.22	29.5-43.1
10-11	0.03	15.35	14-16.6	39.89	33.1-46.1	0.00					0.08	15.46	13.8-16.7	39.70	33.1-45.8
11-12	0.01	15.91	14.5-16.7	42.27	36.5-48.2	0.00					0.02				
12-13	0.00					0.00					0.00				
13-14	0.00					0.00					0.00				
14-15	0.00					0.00					0.00				
15-16	0.00					0.00					0.00				
16+	0.00					0.00					0.00				

Table C-9. Annual and Seasonal Wave Height Statistics for Northern Indian Ocean

Northern Indian Ocean

Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range
0-1	11.79	10.18	5.8-14.9	6.73	1.6-11.3	15.74	9.82	5.2-14.6	7.35	2.4-11.3	3.36	8.58	5.6-12.6	6.68	2-12.5
1-2	38.84	11.55	7.4-15.5	11.20	3.6-15.7	54.49	10.74	7.1-14.6	11.21	4.4-15.7	19.31	10.44	6.9-15.3	11.71	4.6-16.9
2-3	35.25	11.80	7.8-15.4	15.71	7.6-20.3	24.98	9.90	7.2-13.8	16.54	8.5-20.9	48.23	12.10	8.7-15.6	15.49	8-20
3-4	10.71	11.72	8.5-15.2	20.17	11.6-24.6	3.21	9.54	7.9-14	21.70	11.9-26.4	23.65	12.14	9.2-15.4	19.50	11.5-23.7
4-5	1.97	12.09	9.3-15.1	23.47	14.6-28.9	0.46	10.15	8.7-13.3	26.14	16-31.2	5.25	12.63	10.1-15.5	22.47	14.1-27
5-6	0.34	12.73	10.2-15.2	25.85	16.1-33	0.10	10.78	9.4-12.6	31.43	21.3-35.5	0.94	13.73	11.4-16	23.48	14.8-29.4
6-7	0.05	13.72	11.4-15.8	27.84	15.9-34.7	0.02	11.50	9.9-13	32.68	25.5-39.5	0.14	14.49	12.3-15.9	25.85	15.1-32
7-8	0.01	14.90	12.6-16.6	30.37	18.5-36	0.01					0.02	15.34	13.2-16.6	29.77	16.8-34.2
8-9	0.00	15.38	13.8-16.6	33.53	23.8-36.4	0.00					0.00				
9-10	0.00					0.00					0.00				
10-11	0.00					0.00					0.00				
11-12	0.00					0.00					0.00				
12-13	0.00					0.00					0.00				
13-14	0.00					0.00					0.00				
14-15	0.00					0.00					0.00				
15-16	0.00					0.00					0.00				
16+	0.00					0.00					0.00				

Table C-10. Annual and Seasonal Wave Height Statistics for Southern Indian Ocean

Southern Indian Ocean

Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range
0-1	0.19	7.36	3.4-12.5	11.28	3.2-17.4	0.20	10.64	5.7-14.7	9.28	2.4-15.1	0.16	8.28	3.7-12.9	10.78	2.9-17.4
1-2	4.69	10.79	7.7-14	11.57	3.3-18.3	8.55	10.68	8.2-13.7	11.02	3.4-17.5	1.77	8.94	6.9-14.3	10.46	2.7-19.5
2-3	23.80	11.85	8.2-14.4	14.78	4.7-22.8	34.55	11.59	8.3-14	14.59	4.8-22.2	13.93	12.11	7.8-15	15.00	4.5-23.9
3-4	26.68	12.46	8.6-14.8	18.46	6.4-26.9	29.20	12.02	8.4-14.3	18.46	6.9-26.6	24.00	12.85	8.7-15.2	18.53	6.1-27.3
4-5	20.46	12.88	9.3-15.1	22.12	8.8-30.5	16.22	12.04	9.2-14.5	22.55	10.1-30.5	23.93	13.28	9.6-15.3	21.86	8.1-30.6
5-6	12.65	13.23	10.3-15.3	26.18	12.2-33.1	6.95	12.24	10.1-14.5	27.41	15.1-33	18.09	13.54	10.4-15.5	25.58	11.2-33.2
6-7	6.54	13.50	11.2-15.5	31.42	16.6-35.6	2.39	12.76	11.1-14.8	31.84	20.7-35.7	11.06	13.77	11.3-15.7	30.37	15.7-35.5
7-8	2.70	13.99	12.1-15.8	32.48	21.5-38	0.68	13.42	11.8-15.1	32.43	25.3-39	5.22	14.10	12.2-15.9	32.75	20.8-37.9
8-9	0.92	14.46	12.8-16.1	34.48	26-40.5	0.18	13.95	12.4-15.4	35.35	29.7-41.9	1.96	14.48	12.9-16.1	34.74	25.5-40.4
9-10	0.27	14.83	13.5-16.4	37.28	30-43.2	0.04					0.60	14.86	13.4-16.4	37.22	29.5-43.1
10-11	0.07	15.35	14-16.6	39.89	33.1-46.1	0.01					0.15	15.46	13.8-16.7	39.70	33.1-45.8
11-12	0.01	15.91	14.5-16.7	42.27	36.5-48.2	0.00					0.04				
12-13	0.00					0.00					0.01				
13-14	0.00					0.00					0.00				
14-15	0.00					0.00					0.00				
15-16	0.00					0.00					0.00				
16+	0.00					0.00					0.00				

Table C-11. Annual and Seasonal Wave Height Statistics for North Pacific

North Pacific

Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range
0-1	3.34	8.19	4.9-13.8	7.09	1.7-12.3	0.99	10.07	4.8-14	7.22	1.9-12.5	7.01	7.79	4.7-13.5	6.99	1.8-12.3
1-2	45.23	9.99	7.2-14.7	11.34	3.6-16.3	22.90	11.04	8-14.5	11.44	3.9-16.9	68.03	9.54	7-14.6	11.24	3.9-16.1
2-3	32.80	10.54	7.4-14.7	16.06	6.1-21.3	40.15	11.50	8-14.9	15.18	6-21.4	22.73	9.26	7.1-13.9	16.38	7.5-21
3-4	9.80	11.16	8.2-14.9	20.27	8.9-26.2	17.67	11.76	8.6-15.1	19.23	8.5-25.7	2.33	9.37	7.8-12.9	22.01	11-27.7
4-5	4.19	11.69	9-14.8	23.96	10.8-31	8.61	12.18	9.2-14.9	22.11	10-30.2	0.56	10.32	8.8-13	26.16	14.9-32.7
5-6	2.05	12.40	9.9-15	27.05	13-34.8	4.74	12.95	10.1-15.3	24.71	11.1-34	0.17	11.17	9.6-13.8	29.76	18.4-36.8
6-7	0.94	12.94	10.8-15.3	30.69	17-37.7	2.32	13.24	10.9-15.5	29.92	15.2-36.8	0.05	11.90	10.3-14.2	33.49	24.3-41
7-8	0.39	13.41	11.6-15.6	34.17	21.6-40.2	1.01	13.52	11.7-15.8	33.48	20.1-39.3	0.02	12.54	11.1-15	37.25	26.1-44.5
8-9	0.15	14.03	12.4-16	36.09	25.9-42.3	0.39	14.10	12.5-16.1	35.50	24.7-41.5	0.01	13.04	11.9-15.2	41.15	28.9-48.7
9-10	0.05	14.75	13.2-16.3	37.95	30.3-44.2	0.14	14.91	13.2-16.3	37.43	29.8-43.7	0.00				
10-11	0.02	15.38	13.9-16.6	40.22	34.1-46.4	0.04	15.34	13.8-16.4	40.03	33.6-46.4	0.00				
11-12	0.00	15.75	14.4-17.3	43.12	36.4-48.1	0.01					0.00				
12-13	0.00					0.00					0.00				
13-14	0.00					0.00					0.00				
14-15	0.00					0.00					0.00				
15-16	0.00					0.00					0.00				
16+	0.00					0.00					0.00				

Table C-12. Annual and Seasonal Wave Height Statistics for South Pacific

South Pacific

Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range	% Prob	Tp(sec)	Tp Range	Wind(kn)	Wind Range
0-1	2.28	7.83	4.4-12.1	7.41	2-12.8	2.37	9.43	4.7-13.7	6.97	1.8-11.8	2.07	7.46	5-11.2	7.24	2-12.6
1-2	27.83	11.70	8.1-15.9	11.19	3.7-16.4	35.12	11.82	8.5-16	11.07	3.7-16.1	21.46	10.48	6.9-15.2	11.24	3.7-17.2
2-3	35.26	12.04	7.9-15.6	14.98	5.8-21	37.18	11.97	8.2-15.6	14.86	5.7-20.6	35.60	11.81	7.8-15.4	14.97	6.1-21.4
3-4	16.26	12.16	8.4-15.3	19.35	8.4-25.5	13.57	11.40	8.2-14.7	19.59	8.2-26	19.29	12.17	8.4-15.4	18.99	8.3-25.7
4-5	9.03	12.42	9.1-15.1	23.19	10.6-30.2	6.59	11.47	9-14.1	23.85	11.7-30.9	11.13	12.66	9.1-15.4	22.43	9.6-30
5-6	4.81	12.74	10-15.1	26.97	14-33.5	2.81	12.04	10-14.3	28.24	16.2-33.4	6.26	12.66	10-15.4	26.25	12.8-33.5
6-7	2.28	13.14	10.9-15.4	31.81	18.4-36	0.98	12.81	11.1-14.8	31.72	21-35.7	3.16	13.06	10.9-15.4	31.23	17.8-36
7-8	0.87	13.79	11.9-15.7	32.67	22.8-38.4	0.25	13.53	11.9-15.2	32.42	25.1-38.5	1.33	13.77	11.9-15.7	33.01	22.3-38.4
8-9	0.27	14.42	12.7-16	34.57	26.7-40.7	0.06	13.93	12.4-15.5	35.30	28.9-41.7	0.44	14.45	12.7-16	34.86	26.5-40.6
9-10	0.07	14.91	13.4-16.3	37.23	30.6-43.2	0.01					0.12	14.88	13.4-16.2	37.35	30.4-43.1
10-11	0.02	15.35	13.9-16.4	40.18	33.9-46.1	0.00					0.03				
11-12	0.00					0.00					0.00				
12-13	0.00					0.00					0.00				
13-14	0.00					0.00					0.00				
14-15	0.00					0.00					0.00				
15-16	0.00					0.00					0.00				
16+	0.00					0.00					0.00				

APPENDIX D: Tp-Hs Joint Statistics

FIGURES

Figure D-1. Annual Conditional Probability of Wave Height and Wave Period for the North Atlantic D-4

Figure D-2. Seasonal Conditional Probability of Wave Height and Wave Period for the North Atlantic D-5

Figure D-3. Annual Conditional Probability of Wave Height and Wave Period for the Northern North Atlantic D-6

Figure D-4. Seasonal Conditional Probability of Wave Height and Wave Period for the Northern North Atlantic D-7

Figure D-5. Annual Conditional Probability of Wave Height and Wave Period for the Southern North Atlantic D-8

Figure D-6. Seasonal Conditional Probability of Wave Height and Wave Period for the Southern North Atlantic D-9

Figure D-7. Annual Conditional Probability of Wave Height and Wave Period for the South Atlantic D-10

Figure D-8. Seasonal Conditional Probability of Wave Height and Wave Period for the South Atlantic D-11

Figure D-9. Annual Conditional Probability of Wave Height and Wave Period for the Mediterranean Sea D-12

Figure D-10. Seasonal Conditional Probability of Wave Height and Wave Period for the Mediterranean Sea D-13

Figure D-11. Annual Conditional Probability of Wave Height and Wave Period for the Black Sea D-14

Figure D-12. Seasonal Conditional Probability of Wave Height and Wave Period for the Black Sea D-15

Figure D-13. Annual Conditional Probability of Wave Height and Wave Period for the North Sea D-16

Figure D-14. Seasonal Conditional Probability of Wave Height and Wave Period for the North Sea D-17

Figure D-15. Annual Conditional Probability of Wave Height and Wave Period for the Indian Ocean D-18

Figure D-16. Seasonal Conditional Probability of Wave Height and Wave Period for the Indian Ocean D-19

Figure D-17. Annual Conditional Probability of Wave Height and Wave Period for the Northern Indian Ocean D-20

Figure D-18. Seasonal Conditional Probability of Wave Height and Wave Period for the Northern Indian Ocean D-21

Figure D-19. Annual Conditional Probability of Wave Height and Wave Period for the Southern Indian Ocean D-22

Figure D-20. Seasonal Conditional Probability of Wave Height and Wave Period for the Southern Indian Ocean D-23

Figure D-21. Annual Conditional Probability of Wave Height and Wave Period for the North Pacific D-24

Figure D-22. Seasonal Conditional Probability of Wave Height and Wave Period for the North Pacific D-25

Figure D-23. Annual Conditional Probability of Wave Height and Wave Period for the South Pacific D-26

Figure D-24. Seasonal Conditional Probability of Wave Height and Wave Period for the South Pacific D-27

TABLES

Table D-1. Annual Conditional Probability of Wave Height and Wave Period for the North Atlantic D-4

Table D-2. Seasonal Conditional Probability of Wave Height and Wave Period for the North Atlantic D-5

Table D-3. Annual Conditional Probability of Wave Height and Wave Period for the Northern North Atlantic D-6

Table D-4. Seasonal Conditional Probability of Wave Height and Wave Period for the Northern North Atlantic D-7

Table D-5. Annual Conditional Probability of Wave Height and Wave Period for the Southern North Atlantic D-8

Table D-6. Seasonal Conditional Probability of Wave Height and Wave Period for the Southern North Atlantic D-9

Table D-7. Annual Conditional Probability of Wave Height and Wave Period for the South Atlantic D-10

Table D-8. Seasonal Conditional Probability of Wave Height and Wave Period for the South Atlantic D-11

Table D-9. Annual Conditional Probability of Wave Height and Wave Period for the Mediterranean Sea D-12

Table D-10. Seasonal Conditional Probability of Wave Height and Wave Period for the Mediterranean Sea D-13

Table D-11. Annual Conditional Probability of Wave Height and Wave Period for the Black Sea D-14

Table D-12. Seasonal Conditional Probability of Wave Height and Wave Period for the Black Sea D-15

Table D-13. Annual Conditional Probability of Wave Height and Wave Period for the North Sea D-16

Table D-14. Seasonal Conditional Probability of Wave Height and Wave Period for the North Sea D-17

Table D-15. Annual Conditional Probability of Wave Height and Wave Period for the Indian Ocean D-18

Table D-16. Seasonal Conditional Probability of Wave Height and Wave Period for the Indian Ocean D-19

Table D-17. Annual Conditional Probability of Wave Height and Wave Period for the Northern Indian Ocean D-20

Table D-18. Seasonal Conditional Probability of Wave Height and Wave Period for the Northern Indian Ocean D-21

Table D-19. Annual Conditional Probability of Wave Height and Wave Period for the Southern Indian Ocean D-22

Table D-20. Seasonal Conditional Probability of Wave Height and Wave Period for the Southern Indian Ocean D-23

Table D-21. Annual Conditional Probability of Wave Height and Wave Period for the North Pacific D-24

Table D-22. Seasonal Conditional Probability of Wave Height and Wave Period for the North Pacific D-25

Table D-23. Annual Conditional Probability of Wave Height and Wave Period for the South Pacific D-26

Table D-24. Seasonal Conditional Probability of Wave Height and Wave Period for the South Pacific D-27

Table D-1. Annual Conditional Probability of Wave Height and Wave Period for the North Atlantic

North Atlantic

Annual

Period (sec) \ Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	16.3	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	0.0
4-6	13.8	3.8	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
6-8	18.6	20.5	18.2	5.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	29.7	38.4	36.5	33.3	20.4	5.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	12.4	20.0	22.8	36.5	46.1	48.0	35.4	12.2	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12-14	5.7	11.6	15.4	18.5	26.2	36.4	49.5	63.1	53.6	25.9	5.9	0.5	0.0	0.0	0.0	0.0
14-16	2.6	4.5	5.7	5.6	6.5	9.0	13.6	22.8	41.5	66.4	77.7	64.3	37.9	12.0	0.9	0.0
16-18	0.8	1.1	0.9	0.6	0.6	0.7	1.1	1.9	3.5	7.6	16.3	35.0	61.9	87.7	99.1	0.0
18-20	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

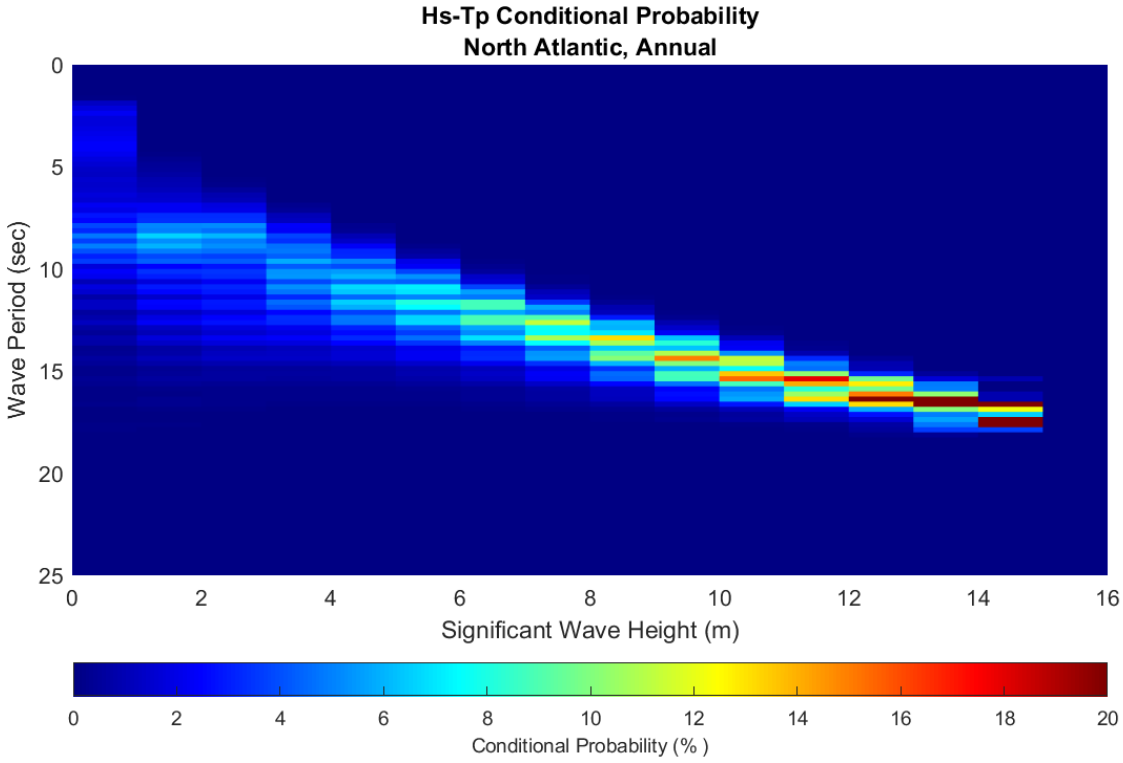


Figure D-1. Annual Conditional Probability of Wave Height and Wave Period for the North Atlantic

Table D-2. Seasonal Conditional Probability of Wave Height and Wave Period for the North Atlantic

North Atlantic

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	26.1	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
4-6	16.4	4.5	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
6-8	9.3	13.7	13.4	5.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	16.7	29.5	32.1	27.1	17.8	5.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	16.6	24.9	23.5	35.8	43.3	44.2	33.3	11.5	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12-14	10.1	19.2	21.1	22.8	29.6	38.5	49.8	62.2	52.0	24.7	5.4	0.4	0.0	0.0	0.0	0.0
14-16	3.9	6.7	8.2	8.1	8.0	10.4	15.0	24.0	42.7	66.7	77.2	63.2	37.5	10.4	0.0	0.0
16-18	0.9	1.3	1.2	1.0	0.9	1.0	1.4	2.3	4.0	8.4	17.3	36.3	62.2	89.2	0.0	0.0
18-20	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	10.6	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
4-6	12.9	4.2	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
6-8	24.1	27.8	28.8	6.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	36.0	45.6	48.7	55.5	32.2	7.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	9.8	12.8	14.5	31.4	53.6	64.8	47.9	19.9	4.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0
12-14	3.6	5.6	4.6	5.9	12.1	24.3	44.0	64.5	63.7	43.8	25.0	9.2	0.0	0.0	0.0	0.0
14-16	2.1	3.0	2.4	0.8	1.7	3.4	7.2	15.1	30.4	52.5	67.2	72.0	68.9	0.0	0.0	0.0
16-18	0.7	0.9	0.5	0.1	0.1	0.1	0.3	0.5	1.3	3.0	7.8	18.8	31.1	0.0	0.0	0.0
18-20	0.1	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	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

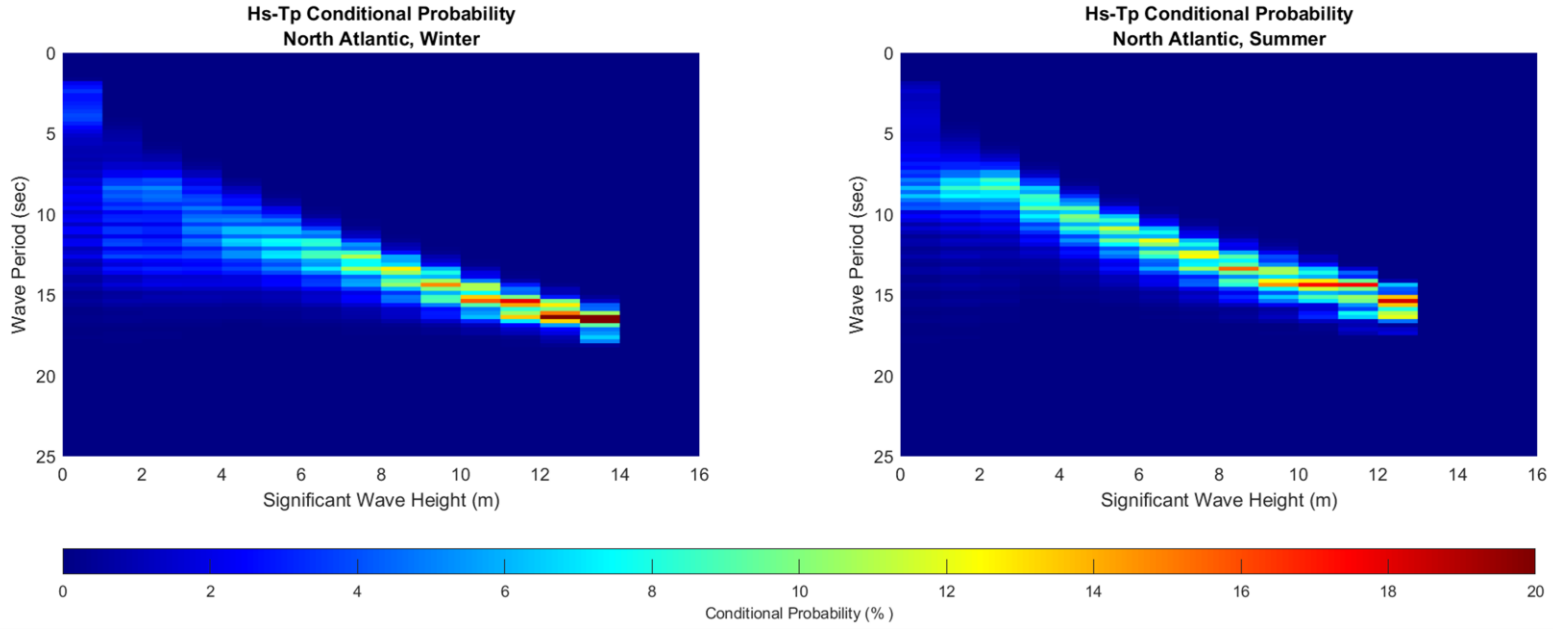


Figure D-2. Seasonal Conditional Probability of Wave Height and Wave Period for the North Atlantic

Table D-3. Annual Conditional Probability of Wave Height and Wave Period for the Northern North Atlantic

Northern North Atlantic
Annual

Period (sec) \ Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	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	0.0
4-6	14.7	7.6	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
6-8	21.8	26.5	19.3	5.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	30.5	37.4	36.3	33.1	20.6	5.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	12.7	19.5	28.4	38.4	46.6	48.2	35.5	12.2	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12-14	4.5	6.5	12.2	18.0	26.0	36.4	49.5	63.2	53.6	25.8	5.7	0.5	0.0	0.0	0.0	0.0
14-16	2.1	1.9	2.9	4.2	6.0	8.7	13.4	22.8	41.5	66.5	77.8	64.3	37.5	11.4	0.0	0.0
16-18	0.7	0.5	0.3	0.4	0.5	0.7	1.1	1.8	3.5	7.6	16.4	35.2	62.3	88.3	100.0	0.0
18-20	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

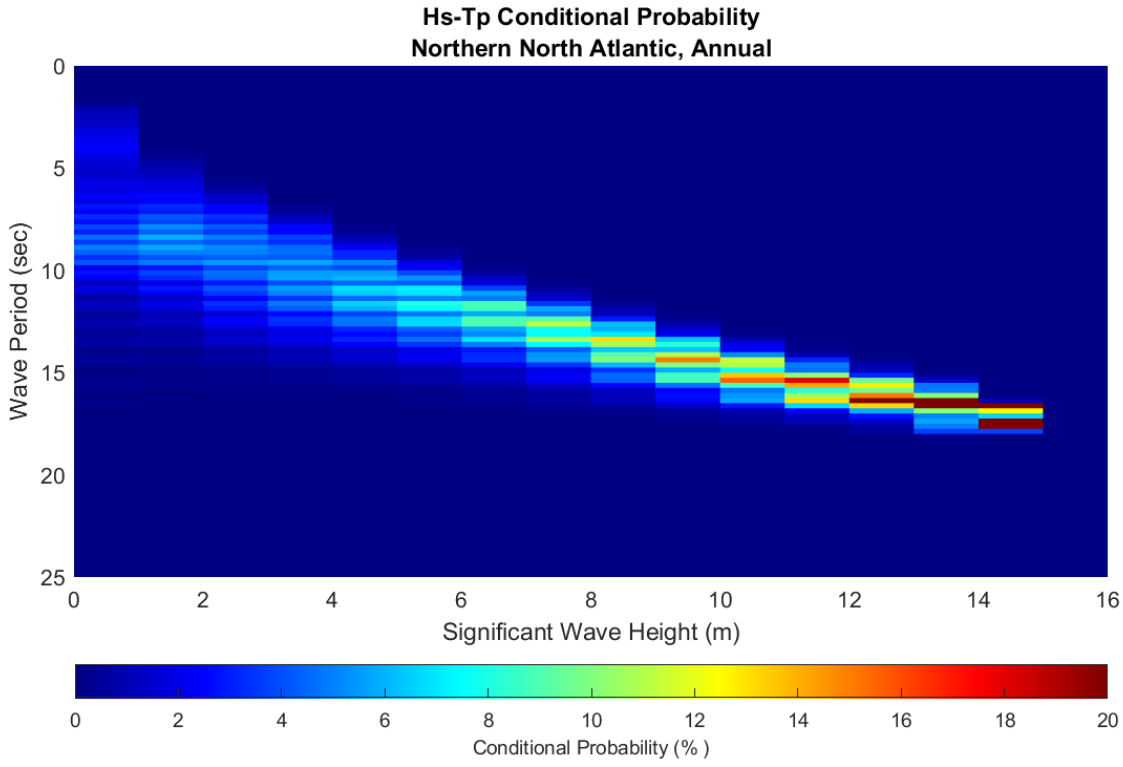


Figure D-3. Annual Conditional Probability of Wave Height and Wave Period for the Northern North Atlantic

Table D-4. Seasonal Conditional Probability of Wave Height and Wave Period for the Northern North Atlantic

Northern North Atlantic

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	28.0	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
4-6	21.3	12.0	0.8	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
6-8	11.1	19.6	15.6	5.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	16.4	26.0	26.6	25.4	18.2	5.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	14.5	24.1	31.0	39.1	44.0	44.6	33.5	11.5	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12-14	6.4	14.2	19.8	22.9	29.5	38.6	49.9	62.2	52.0	24.8	5.4	0.4	0.0	0.0	0.0	0.0
14-16	1.9	3.5	5.4	6.0	7.3	10.1	14.8	24.0	42.6	66.7	77.2	63.2	37.5	10.4	0.0	0.0
16-18	0.4	0.6	0.6	0.6	0.7	0.9	1.4	2.2	4.0	8.4	17.3	36.3	62.2	89.2	0.0	0.0
18-20	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	7.2	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	0.0
4-6	12.7	7.1	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
6-8	27.1	32.7	27.7	6.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	35.0	41.7	49.4	55.2	32.2	7.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	10.9	13.6	18.5	31.8	53.7	65.0	47.7	19.2	3.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
12-14	3.8	2.9	3.3	5.9	12.1	24.4	44.4	65.5	64.2	41.3	19.8	5.6	0.0	0.0	0.0	0.0
14-16	2.2	1.4	0.5	0.8	1.7	3.3	7.1	15.0	31.0	55.9	72.8	72.9	61.5	0.0	0.0	0.0
16-18	0.8	0.5	0.1	0.1	0.1	0.1	0.2	0.3	0.9	2.4	7.4	21.5	38.5	0.0	0.0	0.0
18-20	0.2	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
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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

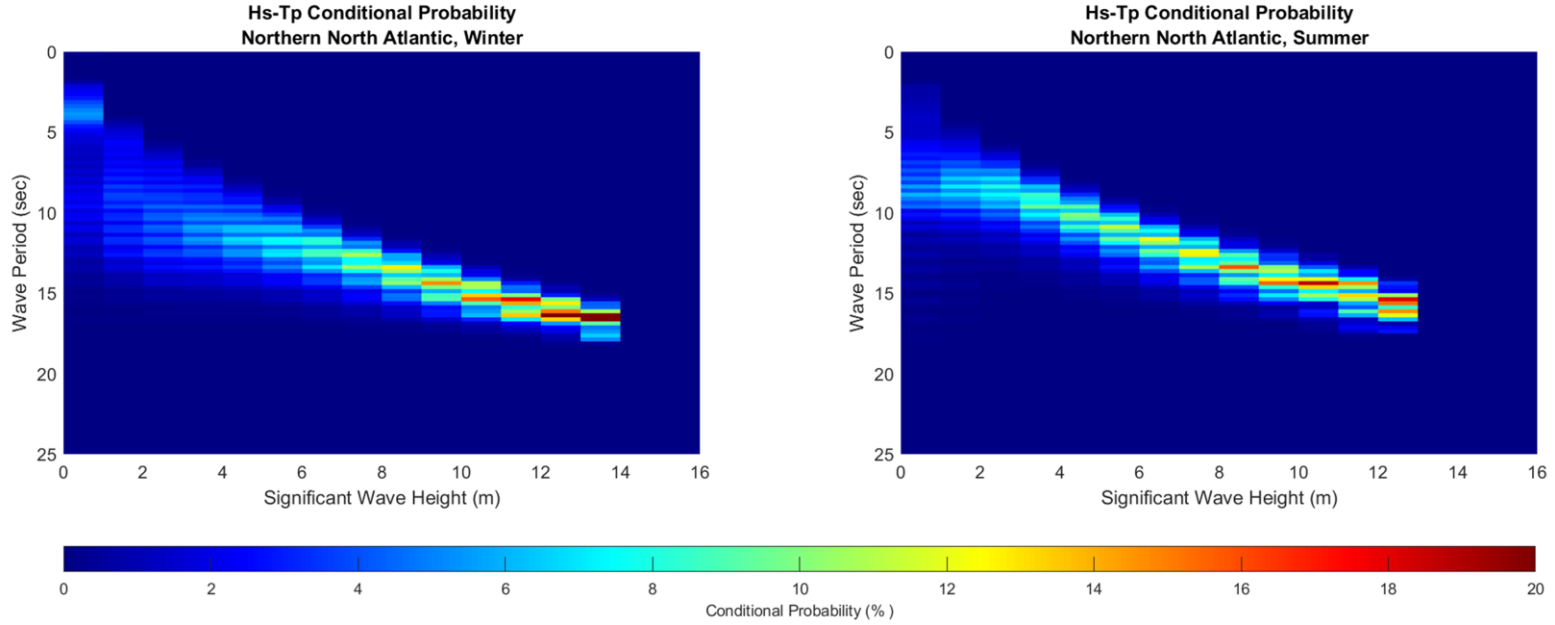


Figure D-4. Seasonal Conditional Probability of Wave Height and Wave Period for the Northern North Atlantic

Table D-5. Annual Conditional Probability of Wave Height and Wave Period for the Southern North Atlantic

Southern North Atlantic
Annual

Period (sec) \ Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	20.7	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
4-6	12.1	1.4	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
6-8	13.8	16.6	17.0	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	29.5	39.2	36.6	34.5	13.4	2.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	12.1	20.4	16.3	23.2	32.4	31.3	20.6	12.9	6.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0
12-14	7.3	14.7	19.3	22.6	31.0	35.7	41.3	43.5	48.8	56.2	44.0	13.2	0.6	0.0	0.0	0.0
14-16	3.3	6.1	9.1	15.0	19.5	26.0	31.8	36.9	40.9	40.6	52.7	80.1	86.1	0.0	0.0	0.0
16-18	0.9	1.4	1.5	2.3	3.4	4.2	5.7	6.6	3.4	2.0	3.3	6.7	13.3	0.0	0.0	0.0
18-20	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

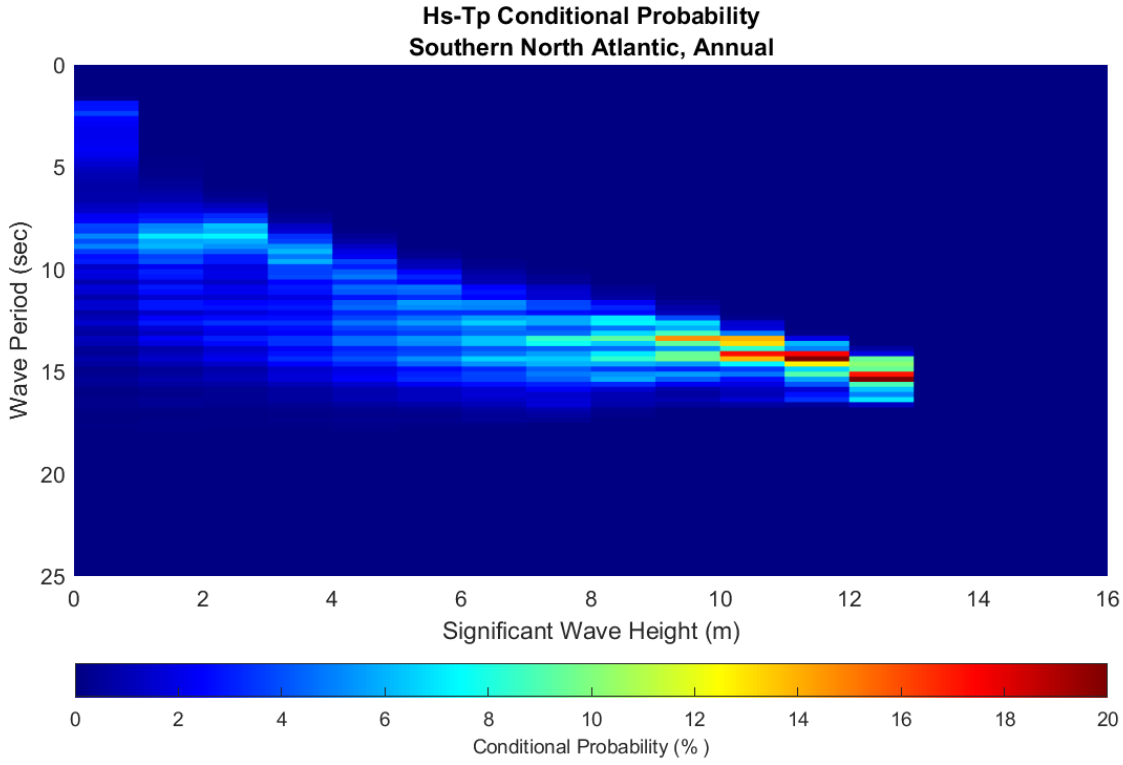


Figure D-5. Annual Conditional Probability of Wave Height and Wave Period for the Southern North Atlantic

Table D-6. Seasonal Conditional Probability of Wave Height and Wave Period for the Southern North Atlantic

Southern North Atlantic

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	24.2	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	0.0
4-6	12.1	1.6	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
6-8	7.9	11.4	11.8	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
8-10	17.2	31.0	35.6	33.5	10.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	18.4	25.3	18.5	23.3	29.0	22.9	10.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	13.2	21.1	22.0	22.5	32.8	37.2	40.1	33.9	16.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0
14-16	5.6	7.8	10.1	16.0	22.9	32.6	40.2	52.0	75.8	96.6	0.0	0.0	0.0	0.0	0.0	0.0
16-18	1.3	1.6	1.6	2.7	4.5	5.9	9.0	13.3	7.5	2.4	0.0	0.0	0.0	0.0	0.0	0.0
18-20	0.2	0.2	0.2	0.1	0.2	0.1	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	16.8	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	0.0
4-6	12.9	1.6	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
6-8	17.7	23.3	31.1	7.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	39.5	49.1	47.3	64.9	32.9	9.0	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	7.5	12.2	7.0	19.5	47.7	60.3	50.8	30.1	11.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0
12-14	3.3	8.1	7.0	6.2	14.4	22.9	34.8	50.0	58.4	56.6	40.5	14.3	0.0	0.0	0.0	0.0
14-16	1.6	4.3	6.0	1.4	3.7	6.4	10.0	16.4	25.1	35.3	51.0	72.4	82.0	0.0	0.0	0.0
16-18	0.5	1.2	1.4	0.3	0.9	1.5	2.2	3.2	4.6	5.8	8.4	13.2	18.0	0.0	0.0	0.0
18-20	0.1	0.1	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

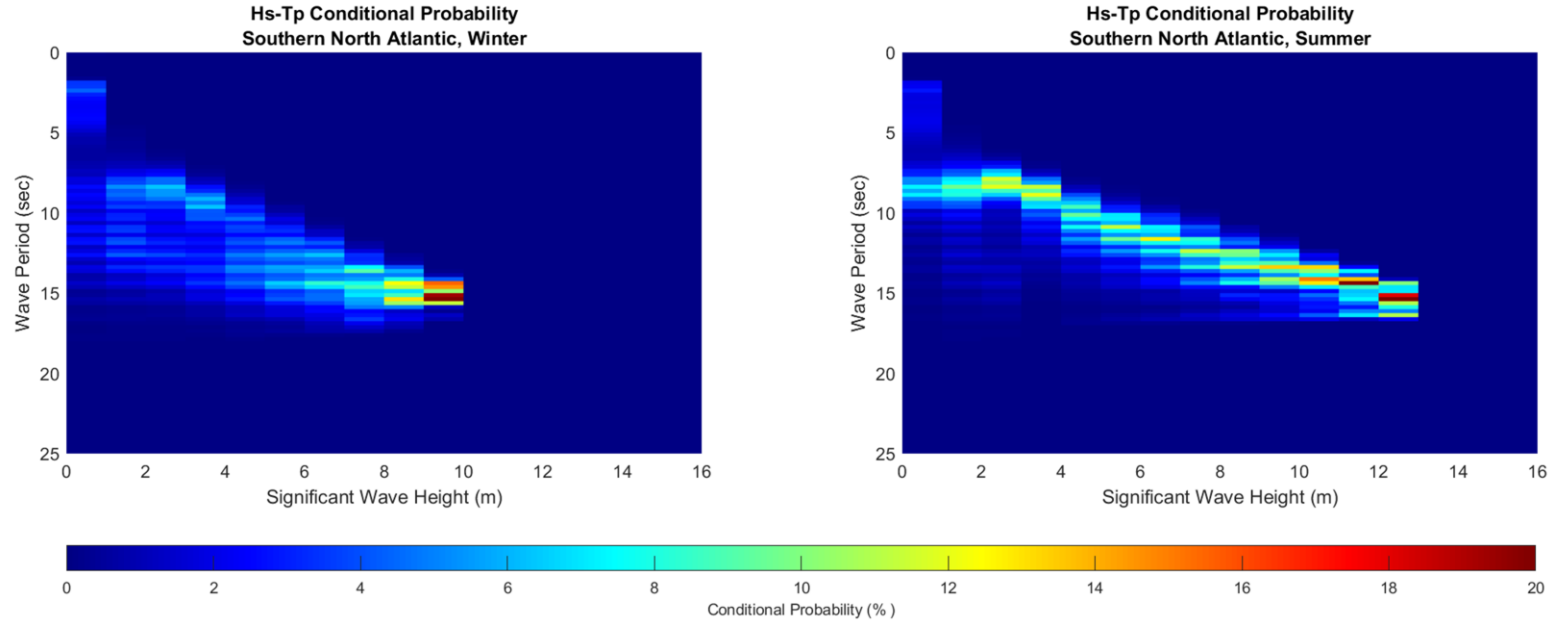


Figure D-6. Seasonal Conditional Probability of Wave Height and Wave Period for the Southern North Atlantic

Table D-7. Annual Conditional Probability of Wave Height and Wave Period for the South Atlantic

South Atlantic

Annual

Period (sec) \ Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	20.7	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
4-6	13.8	3.1	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
6-8	16.6	12.8	12.0	4.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	21.0	22.2	25.4	27.3	18.0	4.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	16.0	26.6	27.5	37.8	47.4	49.1	29.9	7.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	7.7	22.6	23.2	22.5	27.4	38.2	56.5	66.1	50.5	23.3	5.0	0.6	0.0	0.0	0.0	0.0
14-16	3.1	10.0	9.7	6.8	6.4	8.0	12.7	25.0	46.0	69.4	78.8	64.2	36.1	10.4	0.0	0.0
16-18	0.9	2.5	1.8	0.8	0.5	0.5	0.6	1.2	2.7	7.2	16.1	34.9	62.9	86.2	99.6	0.0
18-20	0.1	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	1.0	3.4	0.4	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

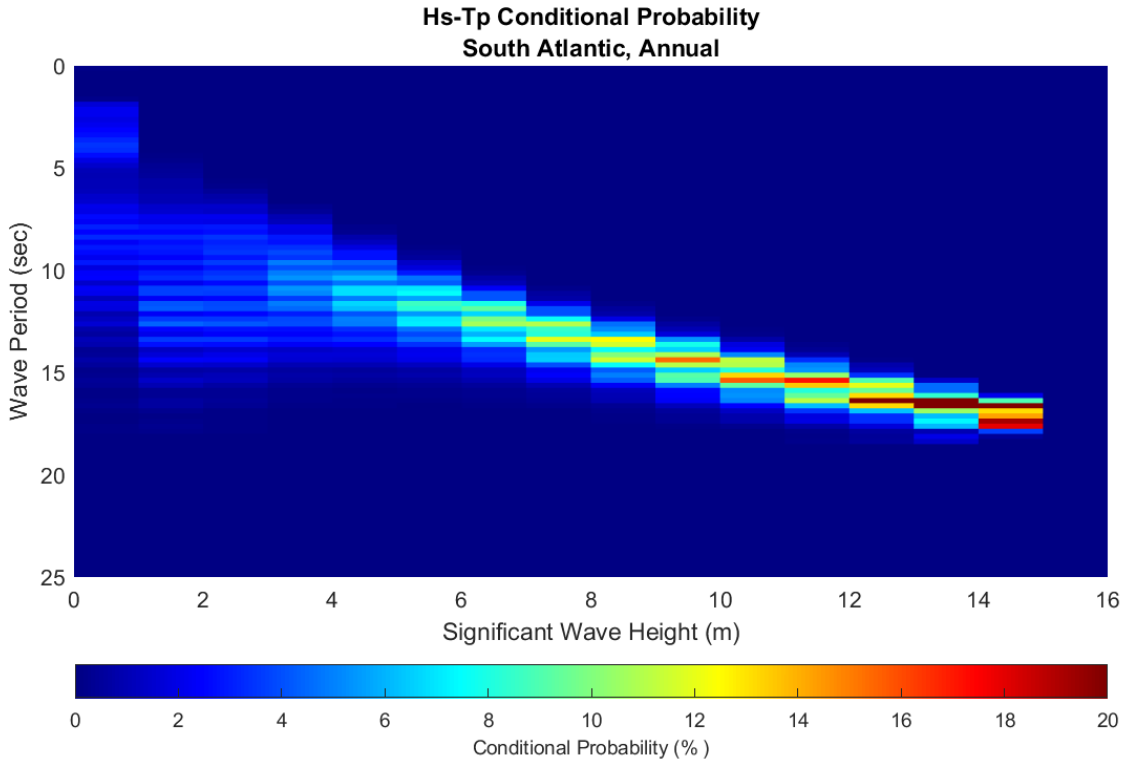


Figure D-7. Annual Conditional Probability of Wave Height and Wave Period for the South Atlantic

Table D-8. Seasonal Conditional Probability of Wave Height and Wave Period for the South Atlantic

South Atlantic

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	14.8	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	0.0
4-6	11.0	2.3	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
6-8	21.4	14.4	14.0	5.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	18.4	20.5	28.6	32.6	20.2	3.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	18.5	27.2	31.0	42.2	54.5	58.3	32.6	8.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	10.3	23.0	18.2	16.8	21.7	33.8	58.4	69.0	59.4	30.0	6.9	0.9	0.0	0.0	0.0	0.0
14-16	4.3	10.0	6.3	3.1	3.2	4.4	8.7	22.2	39.1	68.0	87.8	77.2	58.8	0.0	0.0	0.0
16-18	1.1	2.4	1.4	0.3	0.2	0.2	0.2	0.4	0.7	2.0	5.3	21.9	41.2	0.0	0.0	0.0
18-20	0.1	0.3	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	21.9	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
4-6	15.0	4.6	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
6-8	14.4	12.8	11.2	4.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	24.9	25.5	24.7	24.5	16.8	4.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	15.3	24.6	24.8	34.7	44.0	45.3	29.0	7.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	6.0	20.9	25.3	25.4	30.0	40.0	55.6	65.2	49.5	21.8	5.2	0.6	0.0	0.0	0.0	0.0
14-16	1.9	9.0	11.4	9.3	8.1	9.5	14.3	25.6	46.0	69.0	76.0	62.6	31.9	7.1	0.0	0.0
16-18	0.5	2.2	2.0	1.1	0.7	0.7	0.8	1.5	3.5	9.2	18.7	36.2	66.8	88.1	100.0	0.0
18-20	0.1	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.6	1.3	4.7	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

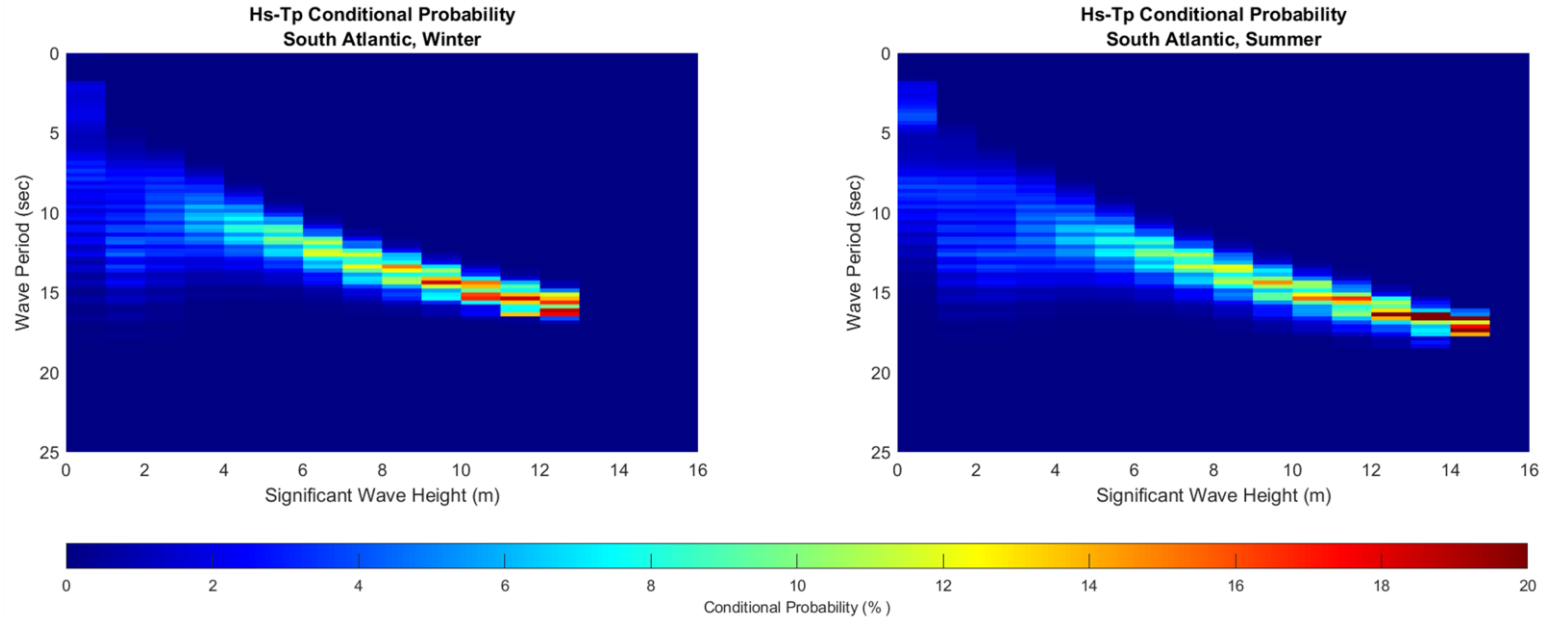


Figure D-8. Seasonal Conditional Probability of Wave Height and Wave Period for the South Atlantic

Table D-9. Annual Conditional Probability of Wave Height and Wave Period for the Mediterranean Sea

Mediterranean Sea
Annual

Period (sec) \ Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	39.7	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
4-6	45.6	40.2	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	0.0
6-8	13.1	50.2	59.9	14.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	1.4	8.9	35.8	71.6	57.6	10.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	0.1	0.6	3.2	13.8	41.5	85.2	77.6	28.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	0.0	0.0	0.1	0.2	0.9	4.0	22.3	71.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14-16	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
16-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18-20	0.0	0.0	0.0	0.0	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

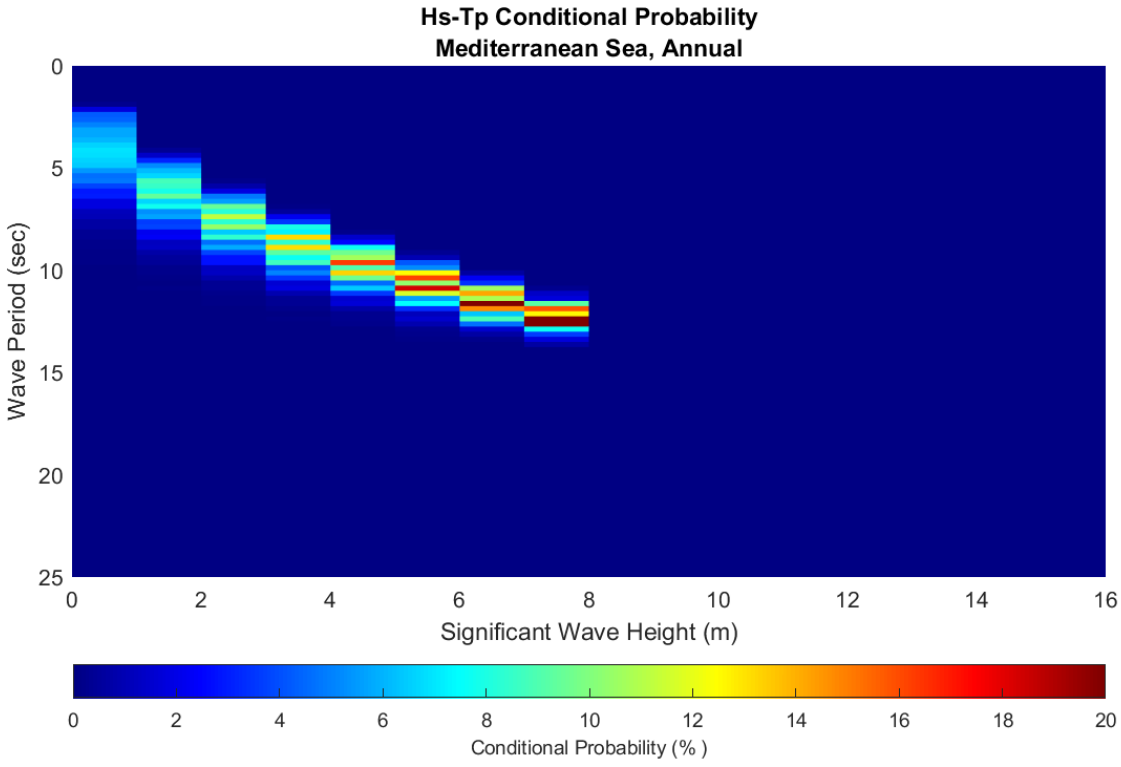


Figure D-9. Annual Conditional Probability of Wave Height and Wave Period for the Mediterranean Sea

Table D-10. Seasonal Conditional Probability of Wave Height and Wave Period for the Mediterranean Sea

Mediterranean Sea

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	35.4	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
4-6	43.7	37.5	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
6-8	17.5	49.1	56.5	13.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	3.0	12.2	38.2	71.1	55.9	10.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	0.3	1.1	4.2	15.1	42.8	84.8	75.9	27.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	0.0	0.0	0.1	0.3	1.2	4.8	24.0	72.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14-16	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
16-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18-20	0.0	0.0	0.0	0.0	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	43.2	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	0.0
4-6	47.0	45.6	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
6-8	9.4	50.6	72.0	19.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	0.4	3.7	26.7	73.7	75.0	22.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	0.0	0.0	0.9	6.7	25.0	77.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14-16	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
16-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18-20	0.0	0.0	0.0	0.0	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

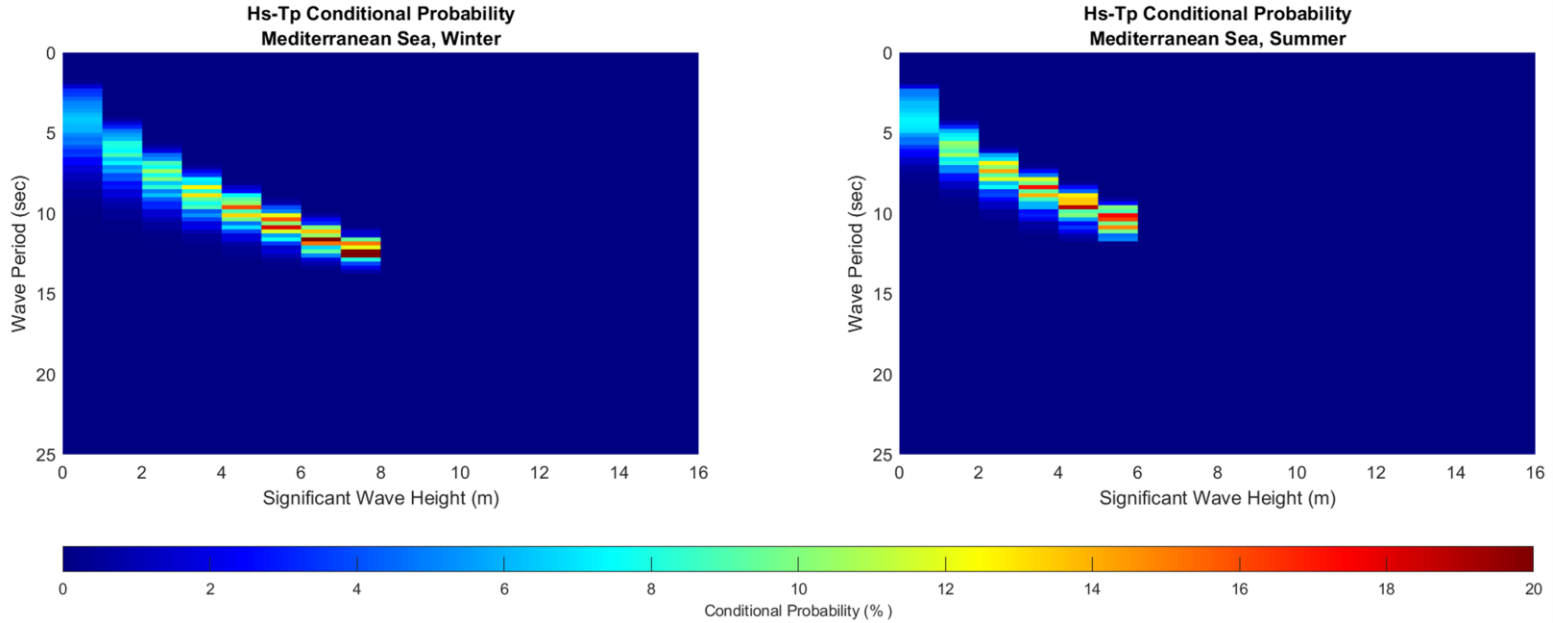


Figure D-10. Seasonal Conditional Probability of Wave Height and Wave Period for the Mediterranean Sea

Table D-11. Annual Conditional Probability of Wave Height and Wave Period for the Black Sea

Black Sea

Annual

Period (sec) \ Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	49.7	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
4-6	44.5	55.1	1.4	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
6-8	5.6	42.5	78.6	24.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	0.2	2.3	19.5	71.5	80.2	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	0.0	0.0	0.5	3.6	19.7	75.4	99.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	0.0	0.0	0.0	0.0	0.0	0.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14-16	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
16-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18-20	0.0	0.0	0.0	0.0	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

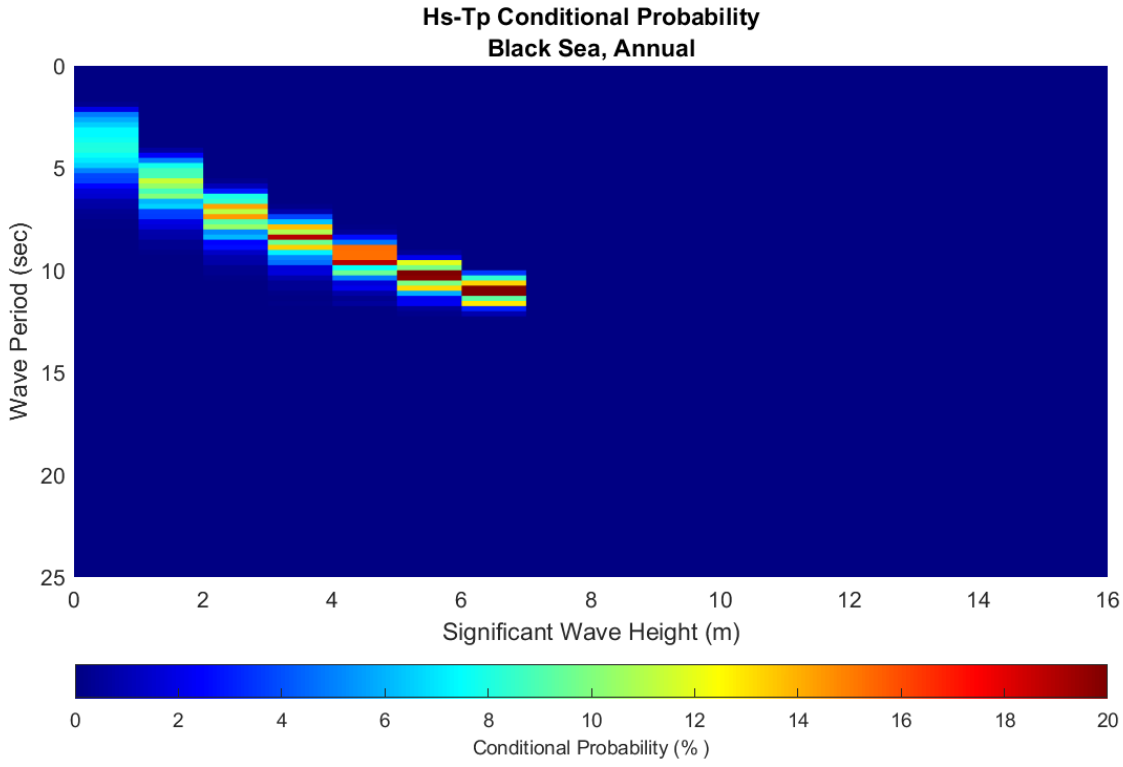


Figure D-11. Annual Conditional Probability of Wave Height and Wave Period for the Black Sea

Table D-12. Seasonal Conditional Probability of Wave Height and Wave Period for the Black Sea

Black Sea

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	40.2	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
4-6	49.1	52.0	1.6	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
6-8	10.1	44.6	77.4	25.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	0.6	3.3	20.6	70.8	80.8	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	0.0	0.1	0.5	3.9	19.1	75.7	98.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	0.0	0.0	0.0	0.0	0.0	0.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14-16	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
16-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18-20	0.0	0.0	0.0	0.0	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	57.1	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	0.0
4-6	40.6	64.2	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
6-8	2.3	35.0	84.7	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	0.0	0.7	13.8	74.0	68.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	0.0	0.0	0.6	4.5	31.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14-16	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
16-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18-20	0.0	0.0	0.0	0.0	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

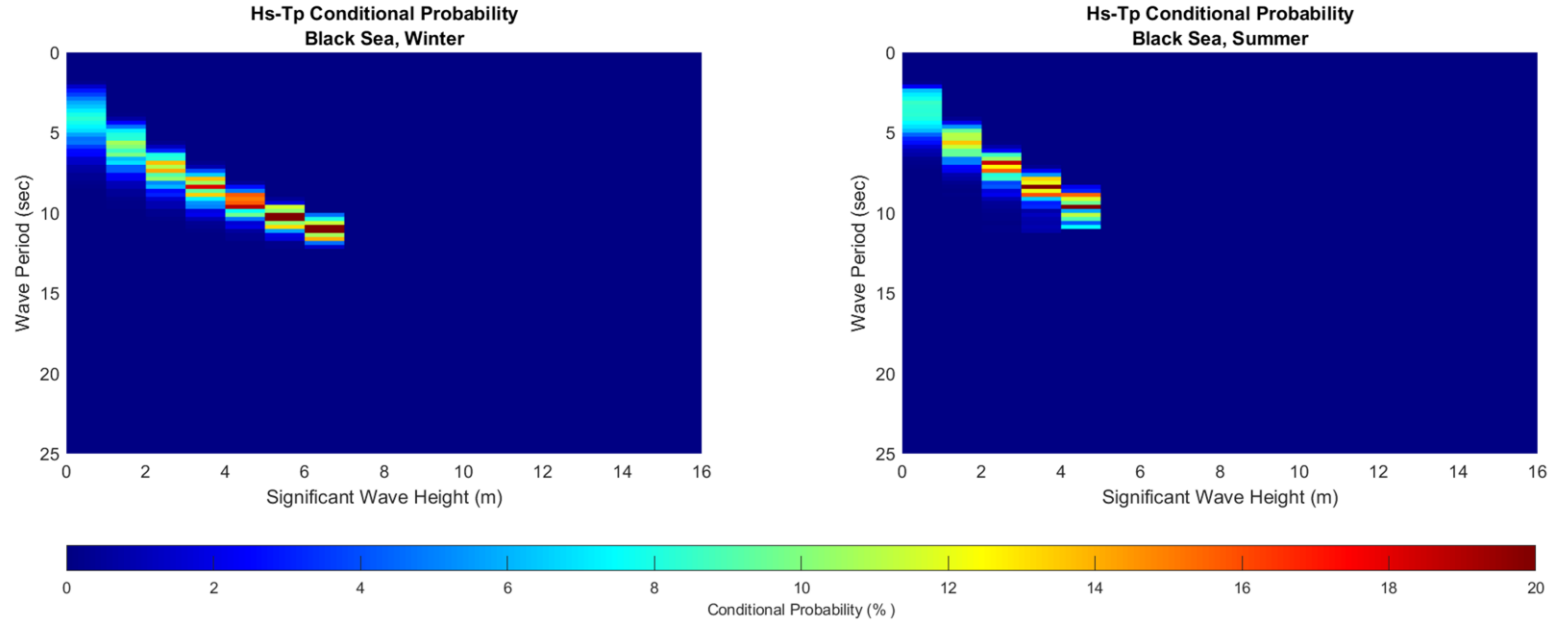


Figure D-12. Seasonal Conditional Probability of Wave Height and Wave Period for the Black Sea

Table D-13. Annual Conditional Probability of Wave Height and Wave Period for the North Sea

North Sea

Annual

Period (sec) \ Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	28.3	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
4-6	39.3	34.9	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
6-8	18.3	41.6	57.4	18.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	7.2	12.9	25.9	59.9	57.9	16.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	4.1	6.5	9.4	13.6	31.9	67.8	62.1	25.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	1.9	2.8	4.0	5.4	6.7	11.9	29.4	57.2	60.4	37.3	0.0	0.0	0.0	0.0	0.0	0.0
14-16	0.8	1.0	1.4	2.0	2.8	3.8	6.9	15.4	34.5	58.7	0.0	0.0	0.0	0.0	0.0	0.0
16-18	0.2	0.1	0.2	0.2	0.3	0.5	0.9	1.7	3.3	4.0	0.0	0.0	0.0	0.0	0.0	0.0
18-20	0.0	0.0	0.0	0.0	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

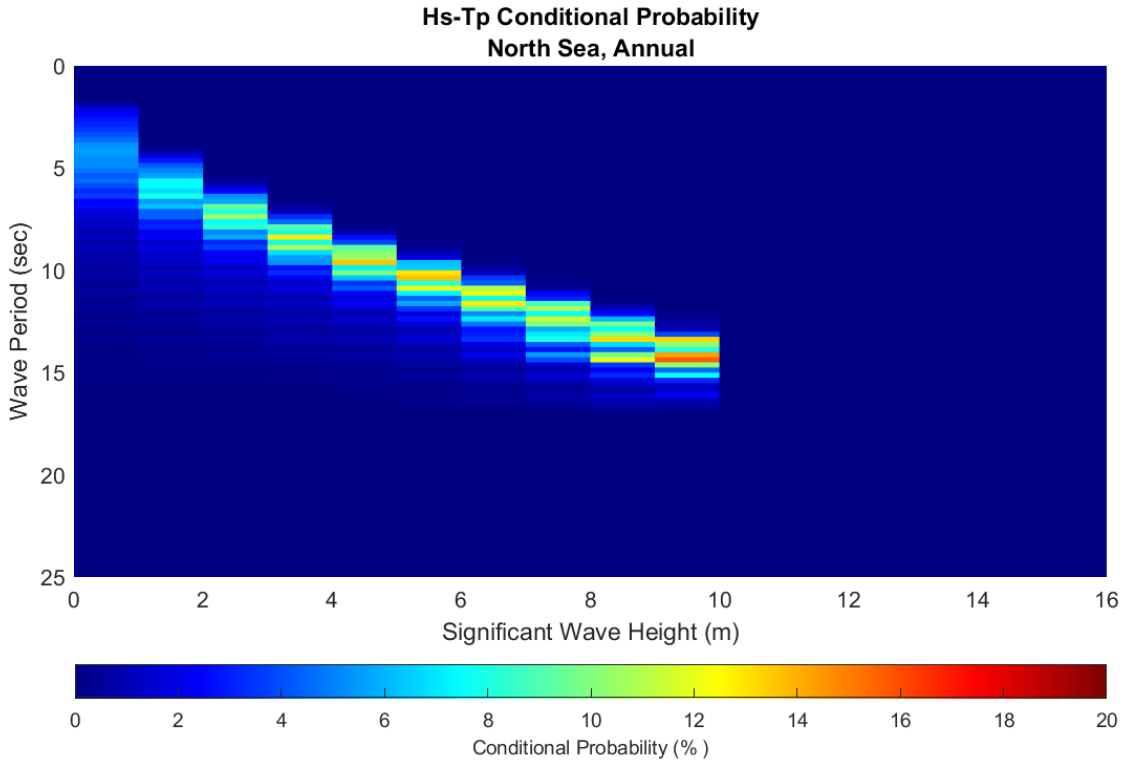


Figure D-13. Annual Conditional Probability of Wave Height and Wave Period for the North Sea

Table D-14. Seasonal Conditional Probability of Wave Height and Wave Period for the North Sea

North Sea

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	31.6	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
4-6	34.2	34.0	2.2	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
6-8	16.3	37.3	55.7	20.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	6.7	13.7	24.4	57.5	59.5	18.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	4.7	7.7	10.1	13.2	29.9	66.2	64.0	28.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	3.6	4.5	4.8	5.7	6.6	10.9	26.3	53.5	61.0	30.2	0.0	0.0	0.0	0.0	0.0	0.0
14-16	2.2	2.3	2.3	2.6	3.1	4.3	7.6	15.9	33.1	65.7	0.0	0.0	0.0	0.0	0.0	0.0
16-18	0.7	0.4	0.4	0.3	0.4	0.6	1.2	2.4	4.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0
18-20	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
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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	27.1	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	0.0
4-6	43.3	38.5	0.7	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
6-8	18.8	46.5	67.6	13.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	6.9	10.7	27.7	78.6	67.1	13.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	2.9	3.3	3.1	6.7	31.5	83.7	77.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	0.7	0.8	0.7	1.0	1.0	2.5	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14-16	0.2	0.2	0.2	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18-20	0.0	0.0	0.0	0.0	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

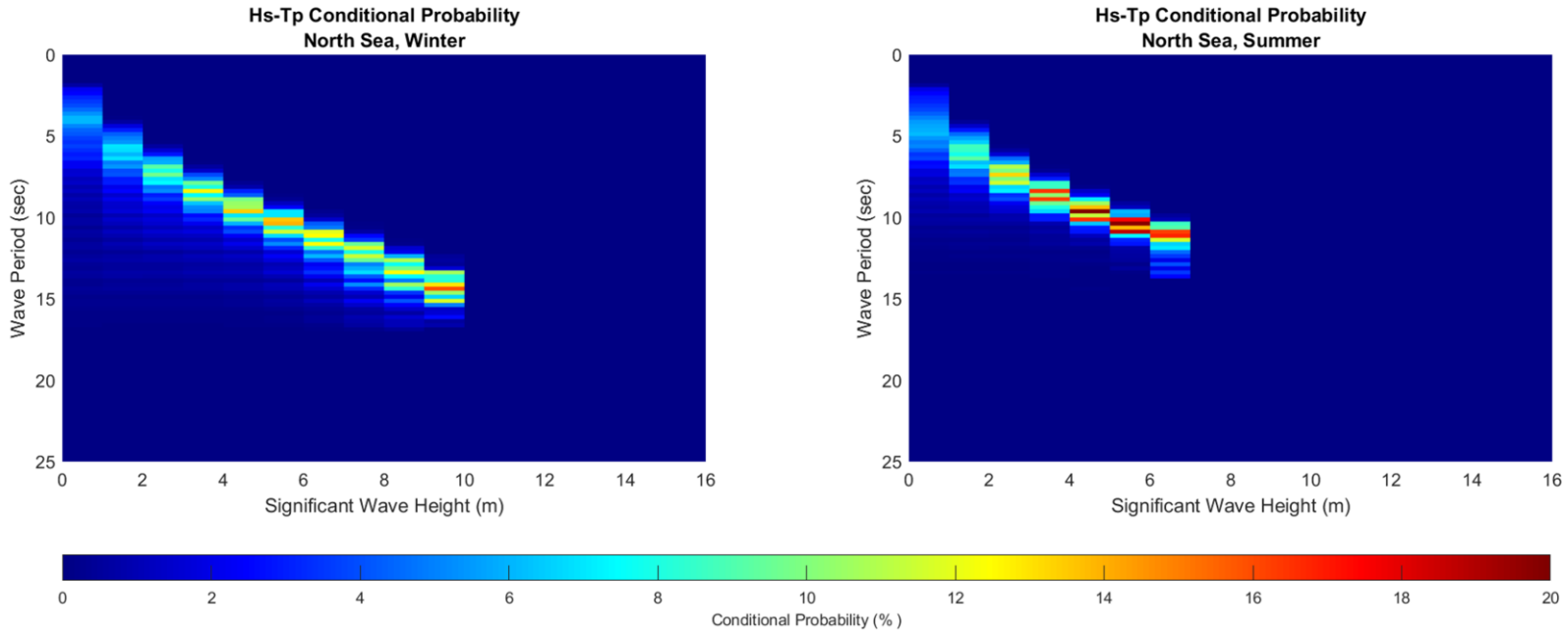


Figure D-14. Seasonal Conditional Probability of Wave Height and Wave Period for the North Sea

Table D-15. Annual Conditional Probability of Wave Height and Wave Period for the Indian Ocean

Indian Ocean

Annual

Period (sec) \ Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	7.7	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
4-6	10.8	3.8	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
6-8	6.6	9.7	5.5	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	16.8	18.5	16.1	15.5	9.9	2.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	18.2	19.7	22.0	26.9	31.3	29.1	16.6	3.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	19.4	25.1	29.7	31.1	37.0	44.0	52.7	50.8	33.0	13.1	2.4	0.2	0.1	0.5	2.7	0.0
14-16	14.4	16.8	20.0	19.2	18.3	21.0	27.1	40.7	58.7	72.1	71.5	54.0	27.9	6.6	9.1	0.0
16-18	5.2	5.4	5.6	4.5	3.2	2.9	3.3	4.6	7.9	14.8	26.1	45.7	71.7	92.1	84.5	0.0
18-20	0.8	0.8	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.8	3.8	0.0
20-22	0.2	0.1	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

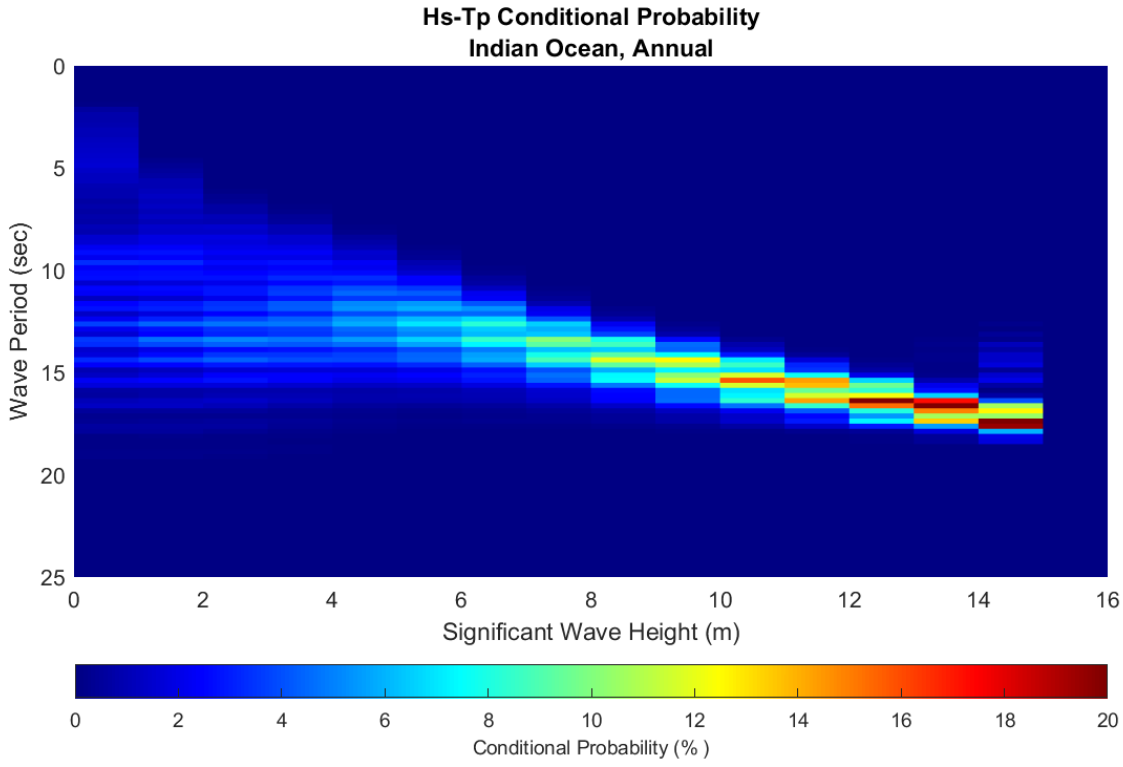


Figure D-15. Annual Conditional Probability of Wave Height and Wave Period for the Indian Ocean

Table D-16. Seasonal Conditional Probability of Wave Height and Wave Period for the Indian Ocean

Indian Ocean

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	5.7	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
4-6	13.8	4.9	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
6-8	9.9	15.1	6.6	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	12.9	15.9	16.7	17.6	12.4	2.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	17.6	21.1	29.9	37.0	41.5	41.2	22.2	5.3	0.5	0.1	0.0	0.1	0.1	0.0	0.0	0.0
12-14	21.3	26.1	32.3	32.2	36.1	44.6	60.5	60.3	45.0	21.8	5.1	1.5	2.9	16.1	0.0	0.0
14-16	13.7	13.1	11.9	9.2	9.0	10.7	16.4	33.2	52.0	72.6	81.4	63.2	37.3	33.3	0.0	0.0
16-18	4.3	3.4	2.2	1.2	0.9	0.7	0.8	1.2	2.4	5.5	13.5	35.2	59.8	50.6	0.0	0.0
18-20	0.6	0.4	0.2	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
20-22	0.1	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	0.0
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	19.9	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
4-6	19.9	4.3	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
6-8	11.3	9.0	5.4	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	11.3	24.1	17.7	16.1	8.9	2.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	7.5	18.1	19.4	21.5	26.0	23.5	14.6	3.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	10.8	18.2	22.3	25.7	34.2	41.6	48.2	46.8	29.8	11.5	2.3	0.2	0.0	0.0	0.0	0.0
14-16	12.5	17.5	24.5	26.1	25.0	27.3	32.2	43.7	60.5	71.6	68.9	51.9	29.4	6.0	0.0	0.0
16-18	5.4	7.1	8.8	7.8	5.3	4.5	4.7	5.8	9.3	16.8	28.7	47.9	70.5	94.0	100.0	0.0
18-20	1.2	1.5	1.5	0.9	0.4	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0
20-22	0.2	0.3	0.3	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

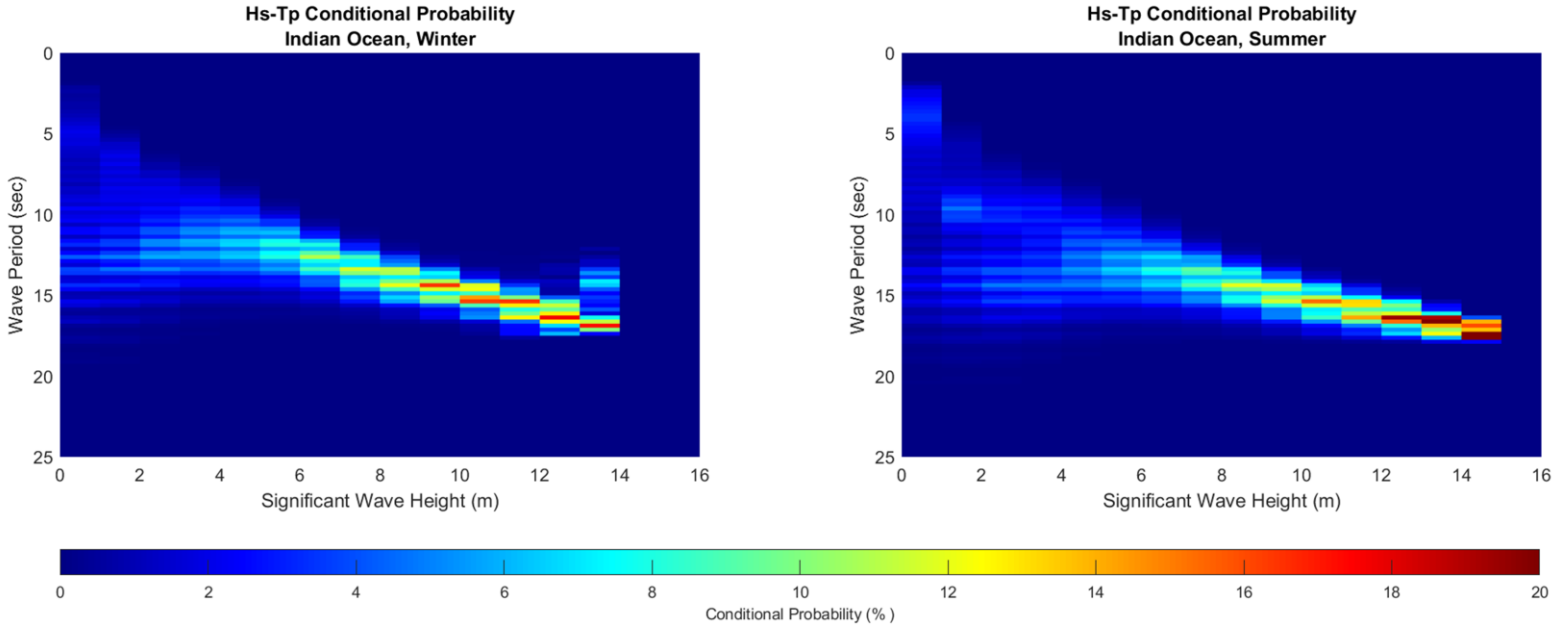


Figure D-16. Seasonal Conditional Probability of Wave Height and Wave Period for the Indian Ocean

Table D-17. Annual Conditional Probability of Wave Height and Wave Period for the Northern Indian Ocean

Northern Indian Ocean
Annual

Period (sec) \ Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	7.2	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	0.0
4-6	10.7	3.8	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
6-8	6.7	10.5	6.4	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
8-10	16.9	19.0	19.9	25.0	14.0	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	18.3	17.3	13.6	14.7	28.2	34.0	19.6	13.7	6.8	4.2	1.8	1.7	0.9	0.0	0.0	0.0
12-14	19.5	24.6	24.9	15.4	11.7	16.1	23.8	25.5	34.3	64.6	54.9	30.3	34.8	0.0	0.0	0.0
14-16	14.5	17.8	25.9	31.6	31.7	32.0	39.3	44.9	43.0	27.4	39.8	62.3	58.3	0.0	0.0	0.0
16-18	5.2	5.9	8.0	10.8	13.5	15.1	16.8	15.7	16.0	3.9	3.6	5.7	6.1	0.0	0.0	0.0
18-20	0.8	0.9	1.1	1.1	0.8	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-22	0.2	0.1	0.2	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

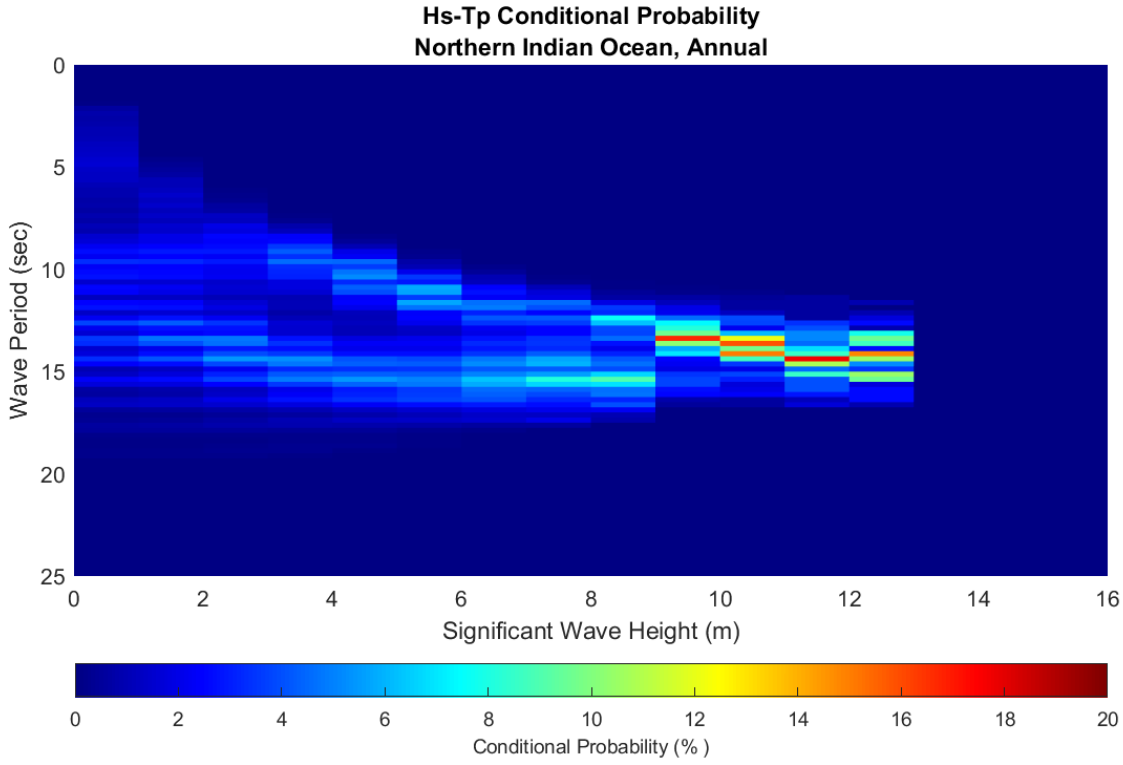


Figure D-17. Annual Conditional Probability of Wave Height and Wave Period for the Northern Indian Ocean

Table D-18. Seasonal Conditional Probability of Wave Height and Wave Period for the Northern Indian Ocean

Northern Indian Ocean

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	5.4	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	0.0
4-6	13.8	5.5	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
6-8	10.0	17.1	10.4	3.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	13.0	16.0	22.1	38.3	36.2	12.4	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	17.7	17.1	14.1	18.1	40.9	71.3	69.3	48.4	16.0	5.8	2.1	1.8	0.9	0.0	0.0	0.0
12-14	21.2	25.9	31.1	19.8	12.1	13.9	27.2	46.5	74.4	74.9	53.3	30.5	34.8	0.0	0.0	0.0
14-16	13.8	14.2	18.2	17.0	9.2	2.2	2.0	4.3	8.3	17.0	40.2	61.6	58.3	0.0	0.0	0.0
16-18	4.3	3.7	3.7	2.9	1.4	0.3	0.4	0.7	1.3	2.3	4.3	6.1	6.1	0.0	0.0	0.0
18-20	0.6	0.4	0.3	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
20-22	0.1	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	0.0
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	19.9	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
4-6	20.6	4.1	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
6-8	11.9	8.9	5.5	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
8-10	11.2	24.6	20.6	24.1	12.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	6.8	17.7	17.2	17.8	32.3	34.9	11.4	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	10.5	17.4	17.9	12.4	9.9	15.5	23.8	19.2	7.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0
14-16	12.2	18.0	26.5	31.0	30.2	32.2	44.3	57.9	68.0	82.4	0.0	0.0	0.0	0.0	0.0	0.0
16-18	5.4	7.5	10.2	12.2	14.0	16.0	20.2	21.2	24.5	12.2	0.0	0.0	0.0	0.0	0.0	0.0
18-20	1.2	1.6	1.7	1.4	1.0	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-22	0.2	0.3	0.3	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

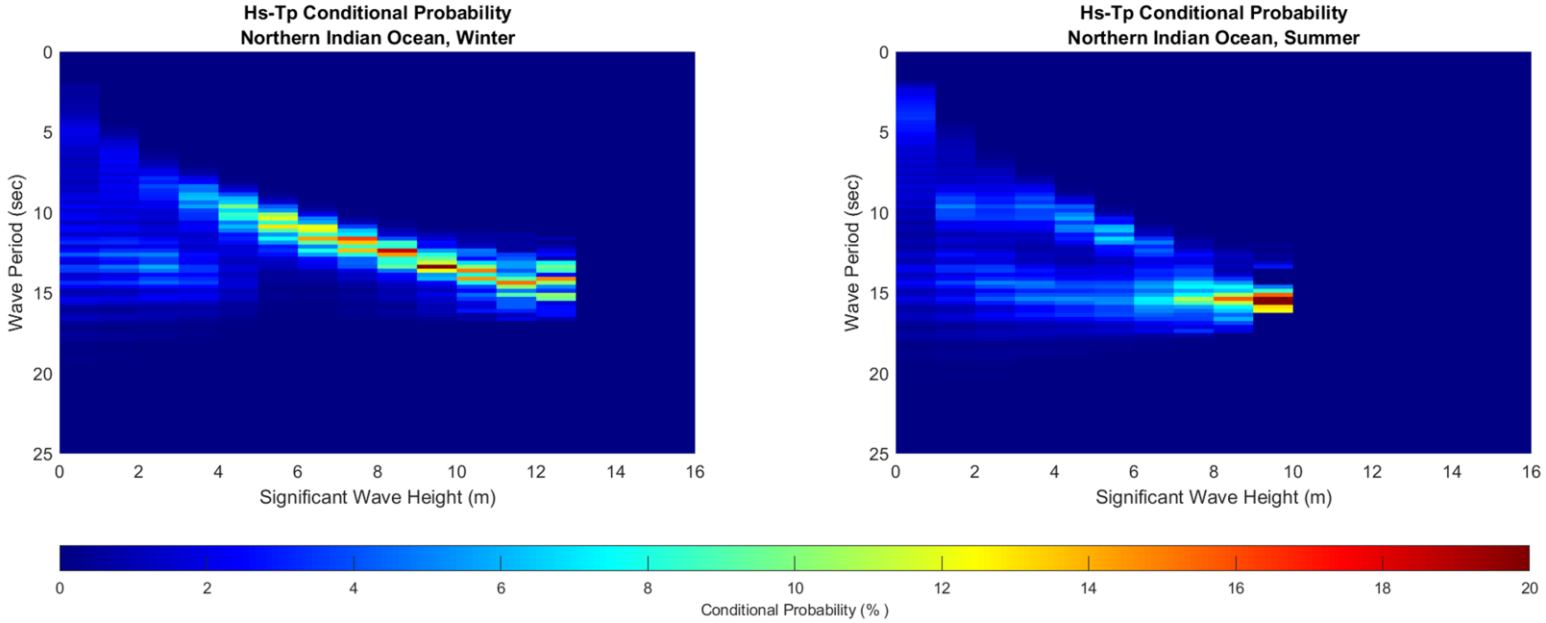


Figure D-18. Seasonal Conditional Probability of Wave Height and Wave Period for the Northern Indian Ocean

Table D-19. Annual Conditional Probability of Wave Height and Wave Period for the Southern Indian Ocean

Southern Indian Ocean
Annual

Period (sec) \ Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	24.3	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	0.0
4-6	14.5	3.2	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
6-8	3.9	3.9	4.3	2.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	12.6	14.4	10.9	12.0	9.5	2.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	14.9	37.3	33.2	31.1	31.4	28.9	16.5	3.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	16.3	29.0	36.4	36.7	39.1	44.7	52.9	50.8	33.0	13.1	2.4	0.2	0.0	0.0	0.0	0.0
14-16	10.6	9.3	12.3	15.0	17.2	20.8	27.0	40.7	58.7	72.1	71.5	54.0	27.8	5.8	0.0	0.0
16-18	2.6	2.3	2.3	2.3	2.3	2.6	3.2	4.6	7.9	14.8	26.1	45.7	71.9	93.4	95.7	0.0
18-20	0.3	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.9	4.3	0.0
20-22	0.1	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	0.0
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

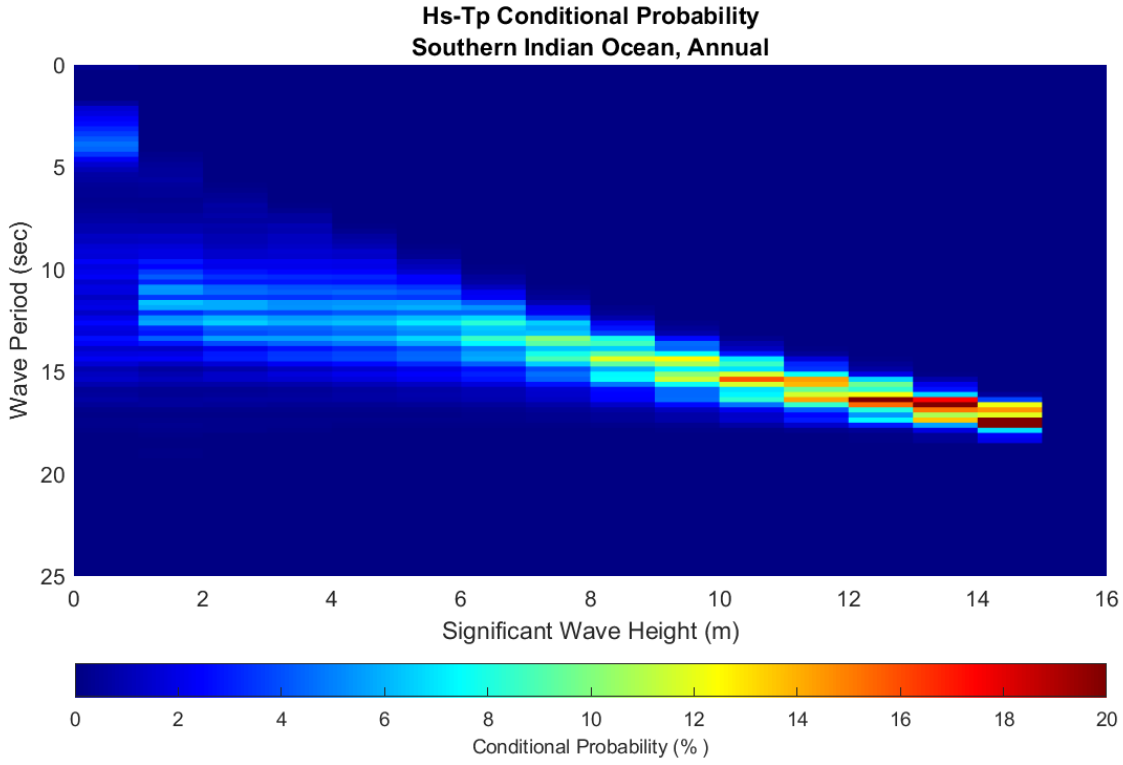


Figure D-19. Annual Conditional Probability of Wave Height and Wave Period for the Southern Indian Ocean

Table D-20. Seasonal Conditional Probability of Wave Height and Wave Period for the Southern Indian Ocean

Southern Indian Ocean

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	25.2	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	0.0
4-6	16.3	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
6-8	4.9	3.1	4.2	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	6.3	15.2	13.2	15.5	11.8	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	14.3	44.3	39.8	38.8	41.4	40.9	21.8	5.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	22.7	27.2	33.3	33.4	36.7	45.0	60.8	60.4	44.8	21.3	4.4	0.6	0.0	0.0	0.0	0.0
14-16	8.4	7.0	7.9	8.5	9.0	10.8	16.5	33.4	52.3	73.1	82.0	63.3	35.5	0.0	0.0	0.0
16-18	1.6	1.7	1.3	1.0	0.8	0.7	0.8	1.2	2.5	5.5	13.6	36.1	64.5	0.0	0.0	0.0
18-20	0.2	0.2	0.1	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
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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4-6	11.5	5.5	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
6-8	4.2	9.0	5.0	2.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	11.7	19.8	8.6	9.0	8.1	3.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	15.1	22.0	25.8	24.5	24.6	22.9	14.6	3.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	15.4	25.0	36.4	37.3	38.9	42.8	48.4	46.9	29.8	11.5	2.3	0.2	0.0	0.0	0.0	0.0
14-16	16.3	13.6	18.7	22.1	24.2	27.1	32.1	43.6	60.5	71.6	68.9	51.9	29.4	6.0	0.0	0.0
16-18	5.0	4.0	4.4	4.0	3.7	4.0	4.5	5.8	9.3	16.8	28.7	47.9	70.5	94.0	100.0	0.0
18-20	0.7	0.8	0.8	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0
20-22	0.1	0.2	0.2	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

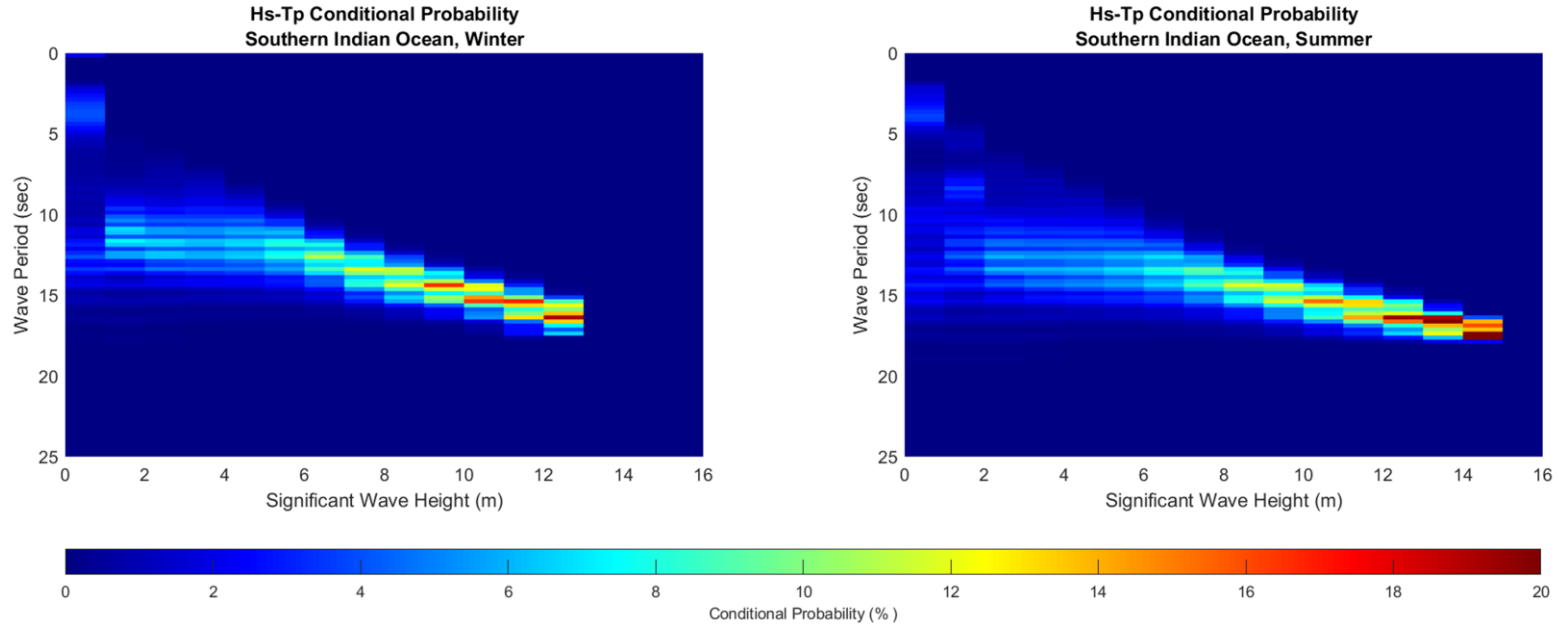


Figure D-20. Seasonal Conditional Probability of Wave Height and Wave Period for the Southern Indian Ocean

Table D-21. Annual Conditional Probability of Wave Height and Wave Period for the North Pacific

North Pacific
Annual

Period (sec) \ Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	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	0.0
4-6	6.7	1.6	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
6-8	11.1	10.5	11.1	4.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	46.5	35.3	31.1	29.5	18.2	6.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	16.0	19.4	21.1	30.3	38.8	40.7	30.5	10.8	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12-14	7.9	14.6	16.5	20.0	26.5	33.6	43.6	52.9	42.9	20.1	4.8	0.9	0.4	0.7	1.7	0.0
14-16	5.6	12.4	13.6	11.8	12.8	15.8	20.8	30.2	46.7	64.9	69.1	53.1	26.9	11.9	15.2	30.1
16-18	2.5	5.0	5.3	3.6	3.1	3.6	4.4	5.9	8.7	14.7	25.8	45.5	70.5	79.5	65.4	67.4
18-20	0.6	0.9	1.0	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.6	2.2	7.9	17.7	2.6
20-22	0.1	0.2	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

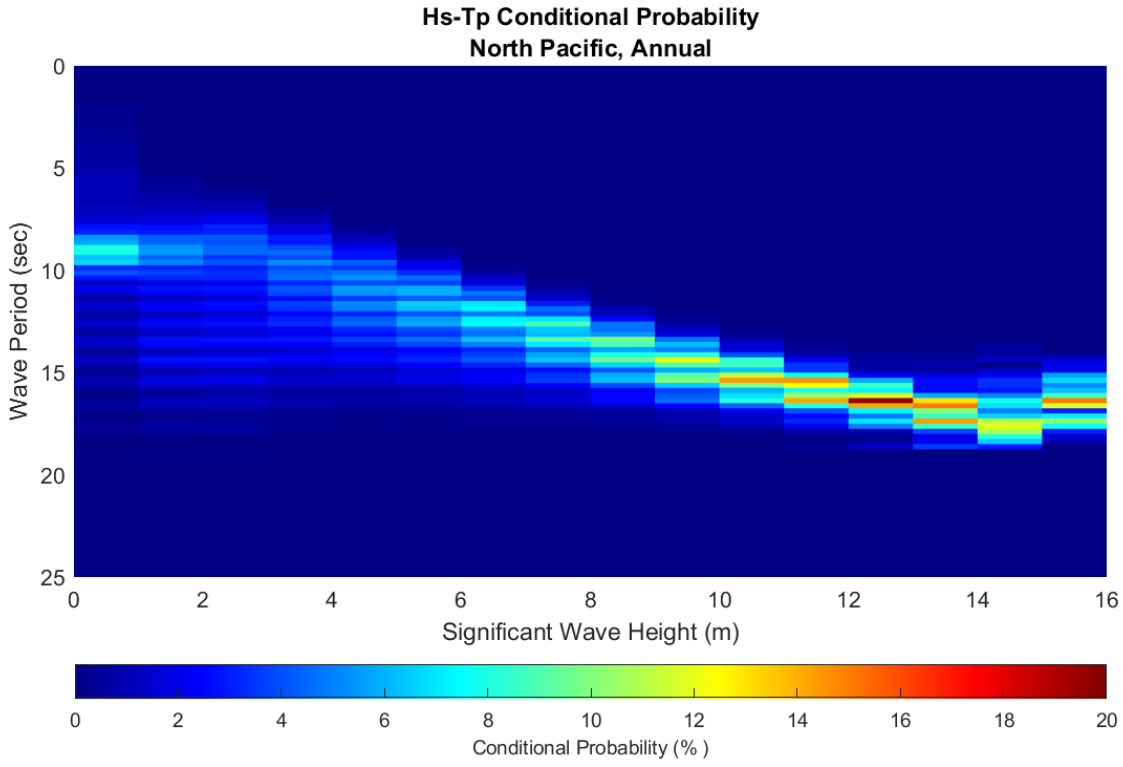


Figure D-21. Annual Conditional Probability of Wave Height and Wave Period for the North Pacific

Table D-22. Seasonal Conditional Probability of Wave Height and Wave Period for the North Pacific

North Pacific

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	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
4-6	9.2	1.7	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
6-8	7.1	6.7	6.6	3.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	14.1	23.4	23.6	23.6	15.0	5.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	17.7	21.1	22.7	28.1	35.0	36.3	27.8	9.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12-14	22.5	23.1	21.8	23.1	29.4	35.2	43.4	51.6	40.8	17.7	3.5	0.2	0.0	0.0	0.0	0.0
14-16	14.4	17.1	17.5	15.9	15.7	18.3	22.9	31.6	48.0	66.3	68.4	49.7	22.2	2.3	0.0	0.0
16-18	4.9	5.5	6.2	5.3	4.1	4.4	5.2	6.8	9.7	15.7	27.7	49.2	74.6	85.2	64.2	0.0
18-20	0.9	1.1	1.3	0.7	0.4	0.3	0.2	0.2	0.3	0.3	0.4	0.8	3.2	12.5	35.8	0.0
20-22	0.2	0.2	0.2	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	2.2	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	0.0
4-6	8.5	2.0	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
6-8	13.0	14.4	19.6	6.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	51.2	41.6	42.8	51.6	31.9	7.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	11.8	14.4	13.8	31.1	51.1	62.8	48.4	22.0	6.6	1.4	0.1	0.0	0.0	0.0	0.0	0.0
12-14	5.6	10.6	7.4	8.1	14.0	24.7	42.0	61.3	64.6	53.2	30.9	10.3	2.0	0.5	0.0	0.0
14-16	4.6	10.9	10.0	1.9	2.5	4.4	7.9	15.0	25.5	39.1	57.2	67.6	61.7	44.8	32.0	0.0
16-18	2.4	4.9	5.3	0.6	0.3	0.4	0.8	1.6	3.3	6.3	11.7	22.1	36.3	54.7	68.0	0.0
18-20	0.6	0.9	0.8	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
20-22	0.2	0.2	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

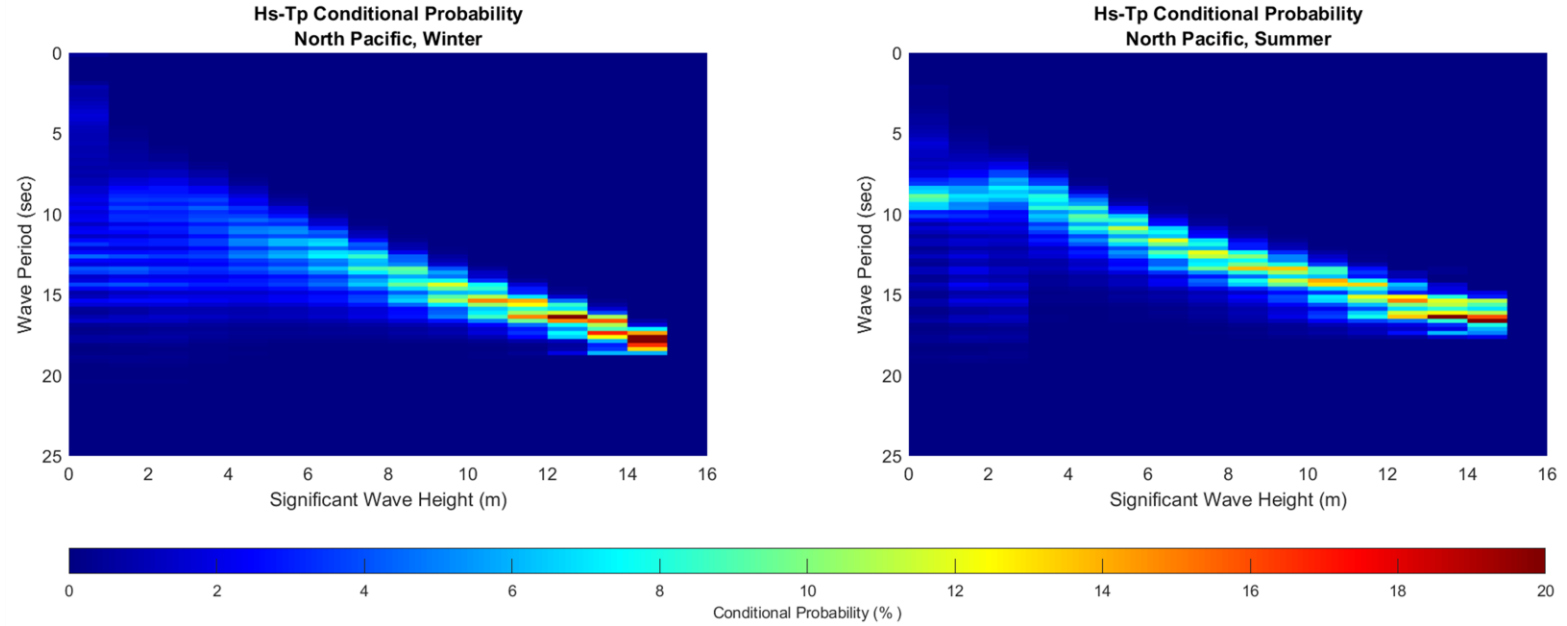


Figure D-22. Seasonal Conditional Probability of Wave Height and Wave Period for the North Pacific

Table D-23. Annual Conditional Probability of Wave Height and Wave Period for the South Pacific

South Pacific

Annual

Period (sec) \ Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	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	0.0
4-6	10.6	1.6	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
6-8	12.7	7.4	6.0	2.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	33.9	20.4	15.1	16.4	11.2	3.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	20.9	19.7	17.8	27.1	33.2	32.2	18.2	4.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	8.7	25.5	27.4	30.4	35.1	43.3	54.5	53.1	34.5	12.8	2.3	0.4	0.1	0.0	0.0	0.0
14-16	3.9	17.9	24.1	18.7	17.3	18.9	24.5	39.3	58.8	74.5	74.4	58.3	28.0	10.0	0.4	0.0
16-18	1.2	6.2	8.1	4.3	2.9	2.4	2.5	3.5	6.2	12.6	23.3	41.4	71.7	85.2	94.9	0.0
18-20	0.2	1.1	1.2	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	4.8	4.7	0.0
20-22	0.0	0.2	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

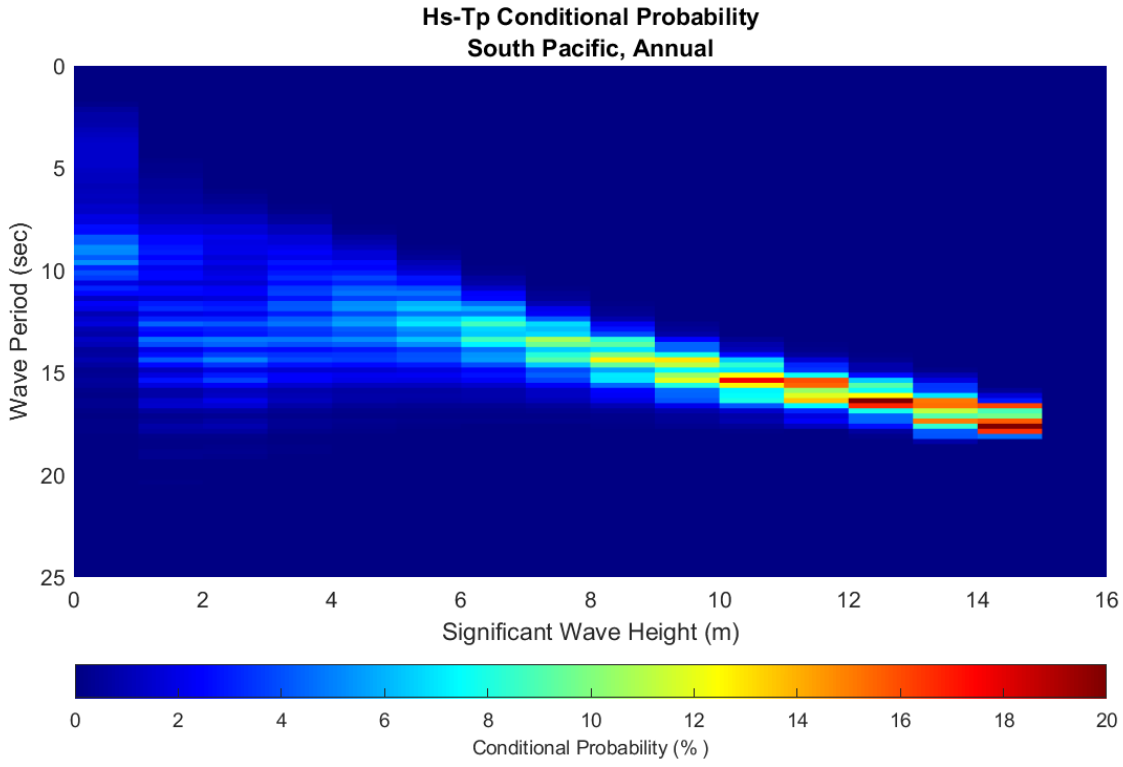


Figure D-23. Annual Conditional Probability of Wave Height and Wave Period for the South Pacific

Table D-24. Seasonal Conditional Probability of Wave Height and Wave Period for the South Pacific

South Pacific

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	7.7	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
4-6	10.0	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
6-8	12.1	5.3	6.2	3.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	28.6	15.3	15.5	21.0	13.5	2.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	24.8	21.2	21.0	35.4	43.5	43.5	22.6	5.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	10.9	28.3	27.2	28.9	33.2	43.0	60.8	60.5	44.0	21.6	6.4	1.2	0.0	0.0	0.0	0.0
14-16	4.6	20.1	20.4	9.8	8.8	10.0	15.4	32.6	51.4	70.5	80.2	72.0	53.5	34.4	0.0	0.0
16-18	1.2	7.1	8.0	1.6	1.0	0.8	1.0	1.8	4.0	7.9	13.4	26.8	46.5	65.6	0.0	0.0
18-20	0.2	1.4	1.4	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
20-22	0.0	0.3	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16
2-4	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	0.0
4-6	15.0	2.9	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
6-8	15.6	11.4	6.8	2.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8-10	39.8	28.8	18.5	15.6	10.9	3.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-12	10.6	17.8	17.7	25.4	31.4	30.8	19.0	4.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12-14	5.2	20.6	26.2	29.7	34.5	41.8	51.8	52.1	33.5	12.1	2.1	0.3	0.1	0.0	0.0	0.0
14-16	2.7	13.2	22.4	20.6	19.2	20.8	25.9	39.3	58.9	73.5	72.2	53.9	24.7	5.8	0.0	0.0
16-18	0.9	4.5	7.2	5.4	3.6	3.0	3.0	4.1	7.1	14.4	25.7	45.7	74.7	86.5	93.7	0.0
18-20	0.2	0.7	1.1	0.6	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.5	7.8	6.3	0.0
20-22	0.0	0.1	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
22-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

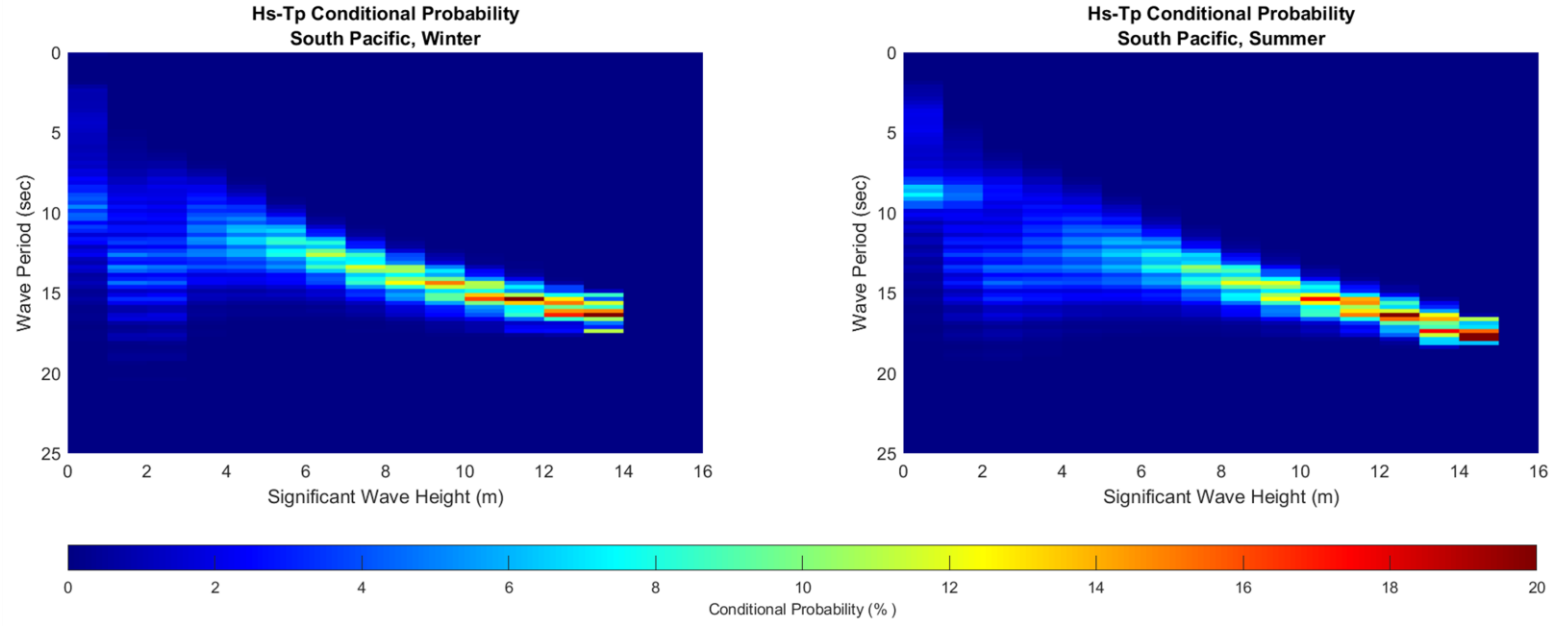


Figure D-24. Seasonal Conditional Probability of Wave Height and Wave Period for the South Pacific

APPENDIX E: Most Probable Period Plots

FIGURES

Figure E-1. Annual and Seasonal Most Probable Wave Period for the North Atlantic.....E-2
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Figure E-11. Annual and Seasonal Most Probable Wave Period for the North Pacific E-7
Figure E-12. Annual and Seasonal Most Probable Wave Period for the South Pacific E-7

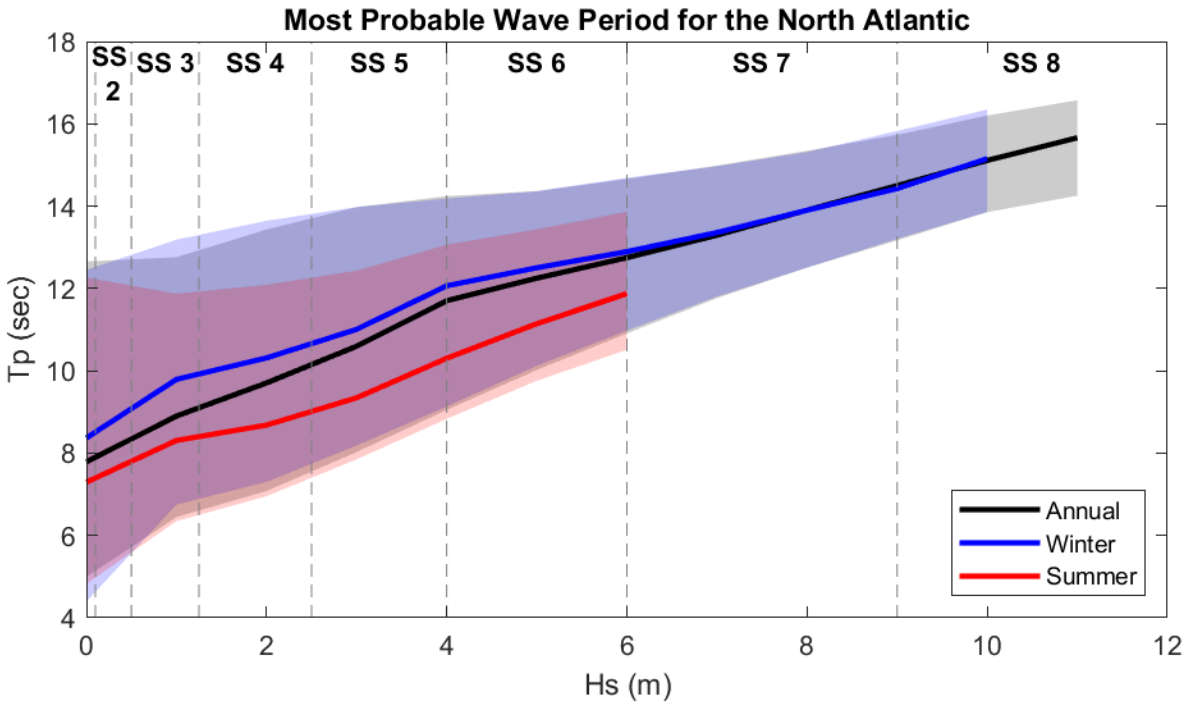


Figure E-1. Annual and Seasonal Most Probable Wave Period for the North Atlantic

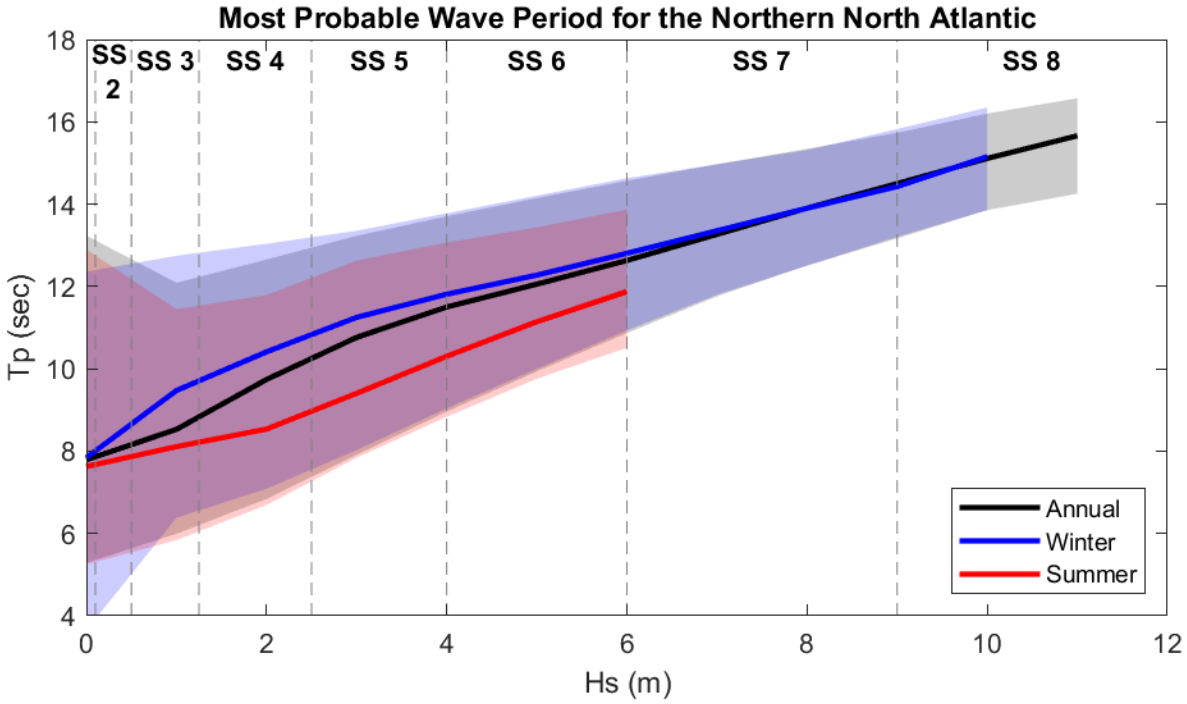


Figure E-2. Annual and Seasonal Most Probable Wave Period for the Northern North Atlantic

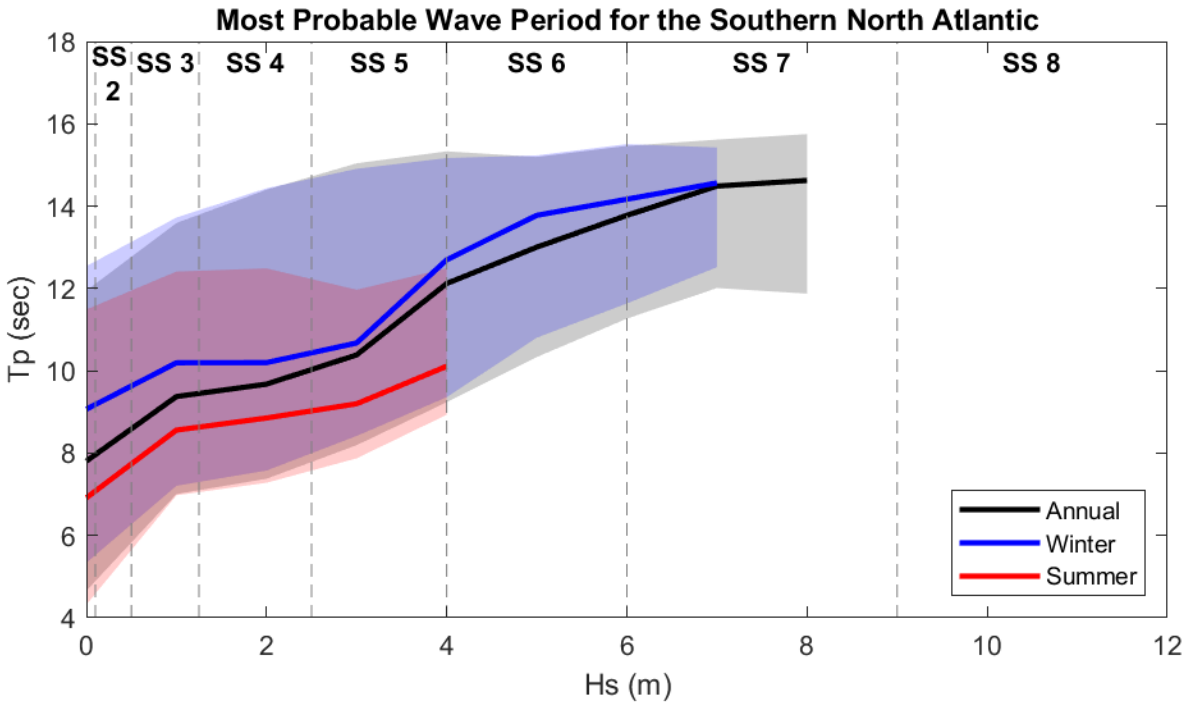


Figure E-3. Annual and Seasonal Most Probable Wave Period for the Southern North Atlantic

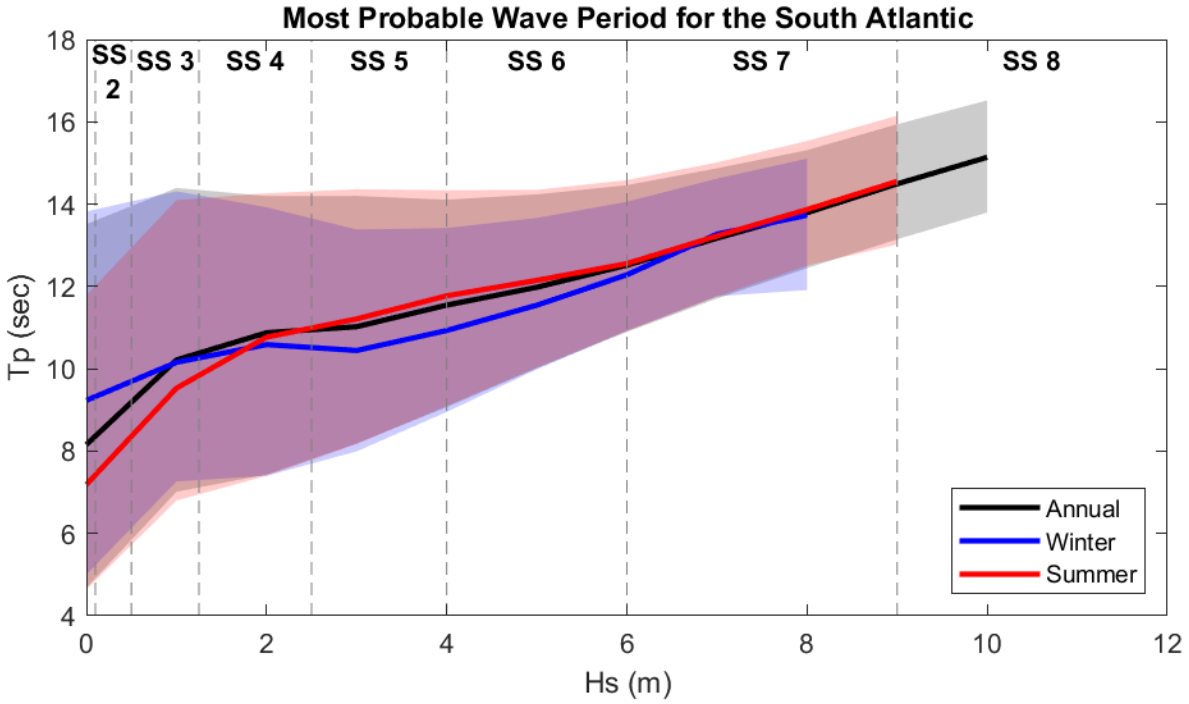


Figure E-4. Annual and Seasonal Most Probable Wave Period for the South Atlantic

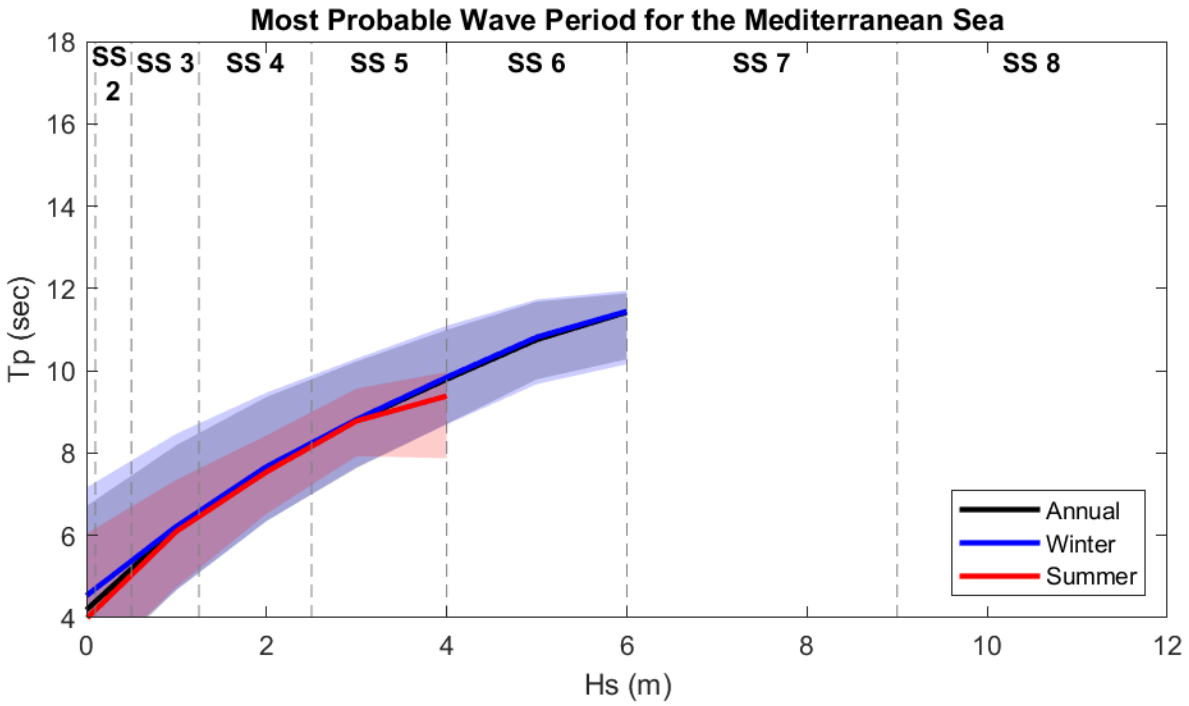


Figure E-5. Annual and Seasonal Most Probable Wave Period for the Mediterranean Sea

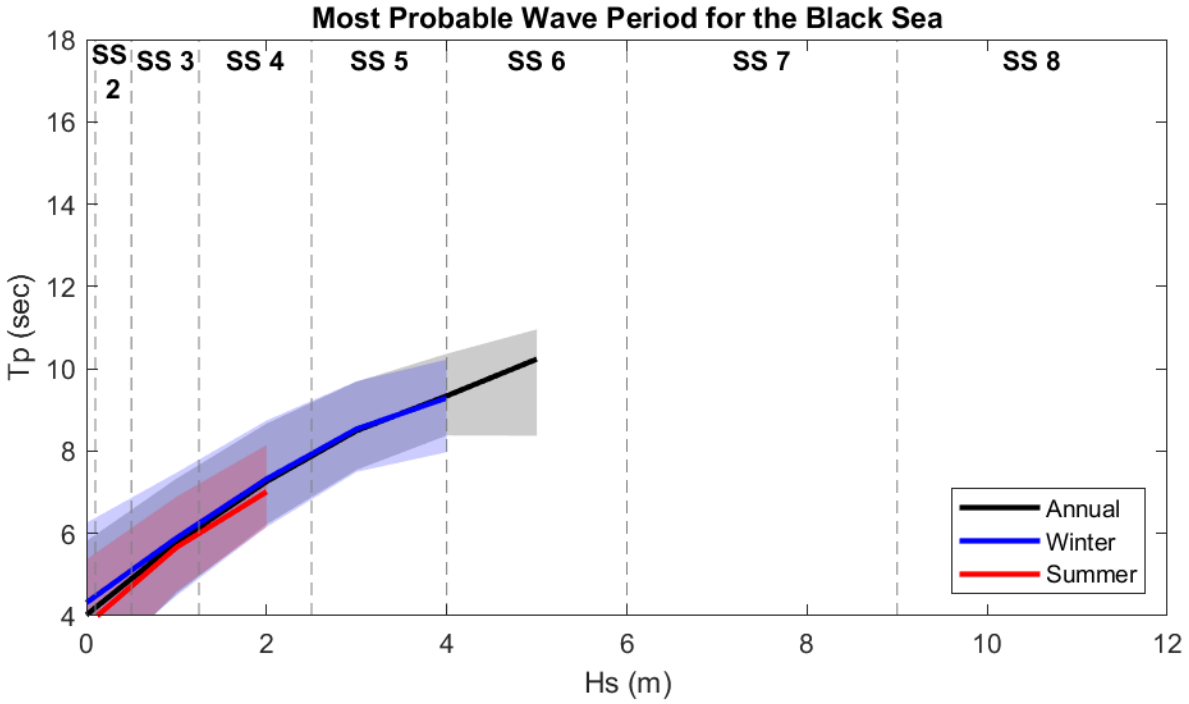


Figure E-6. Annual and Seasonal Most Probable Wave Period for the Black Sea

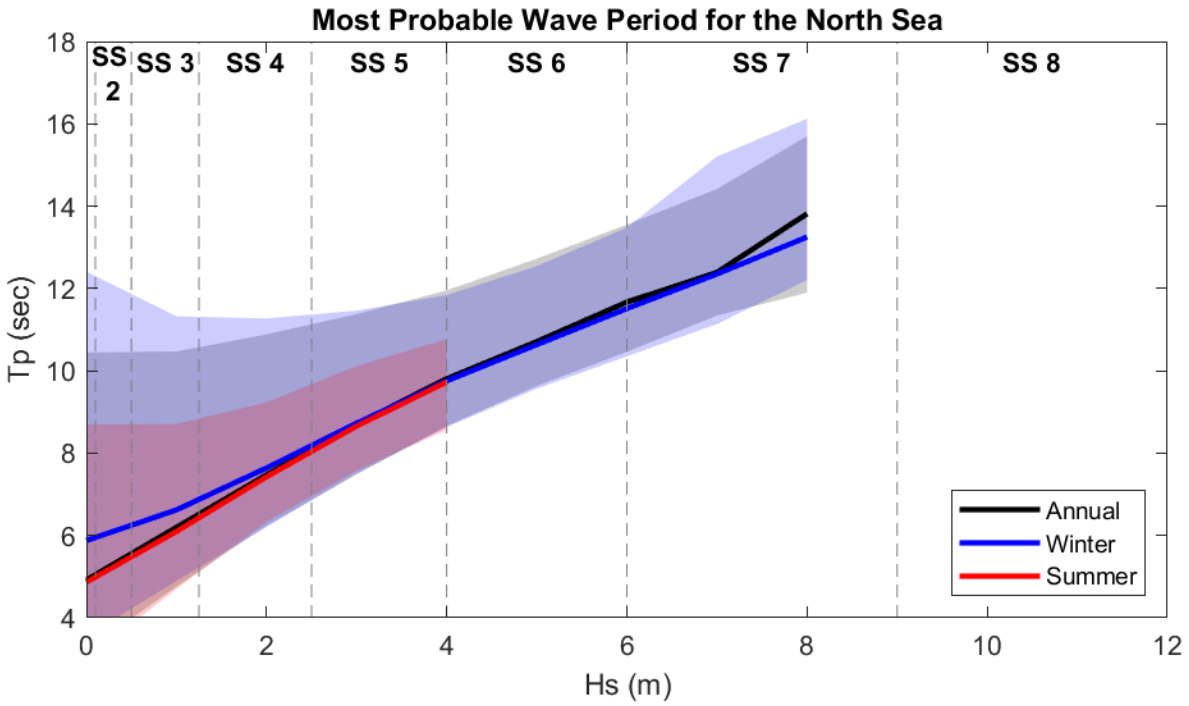


Figure E-7. Annual and Seasonal Most Probable Wave Period for the North Sea

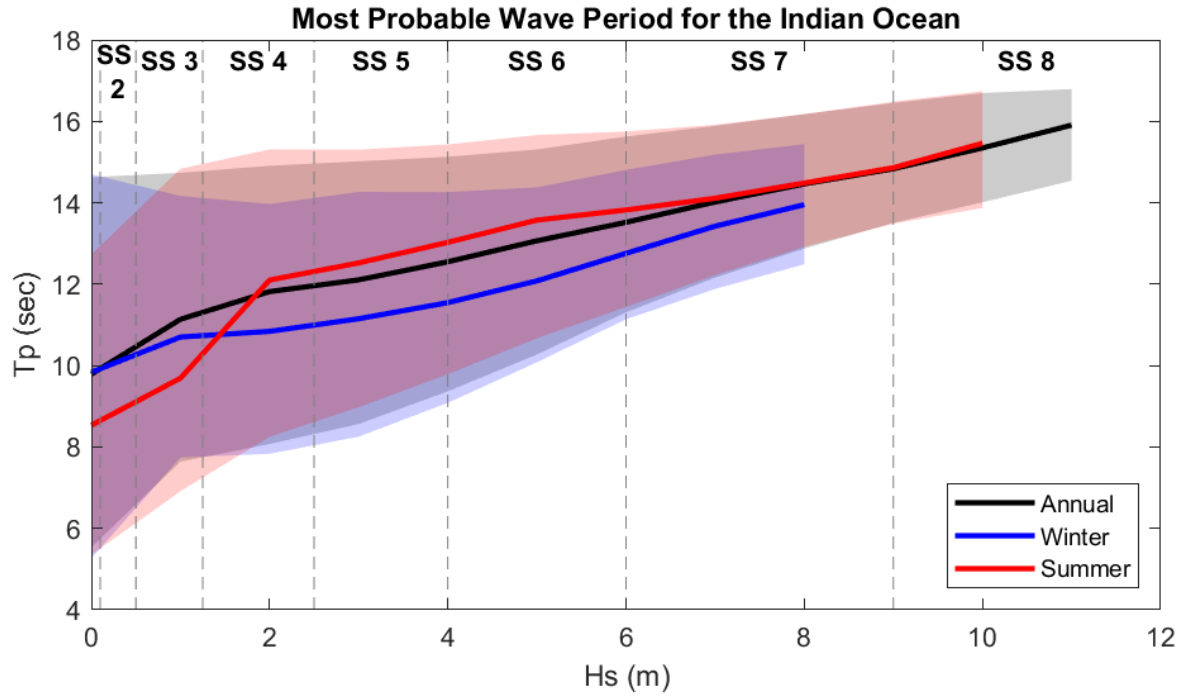


Figure E-8. Annual and Seasonal Most Probable Wave Period for the Indian Ocean

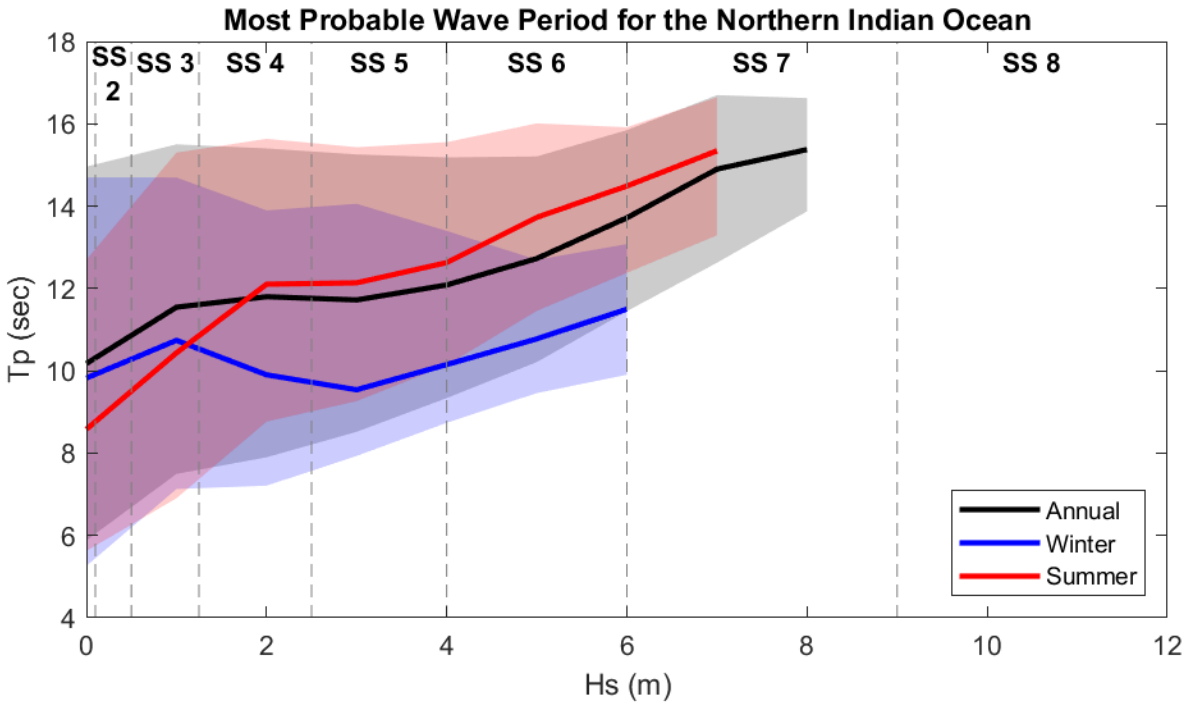


Figure E-9. Annual and Seasonal Most Probable Wave Period for the Northern Indian Ocean

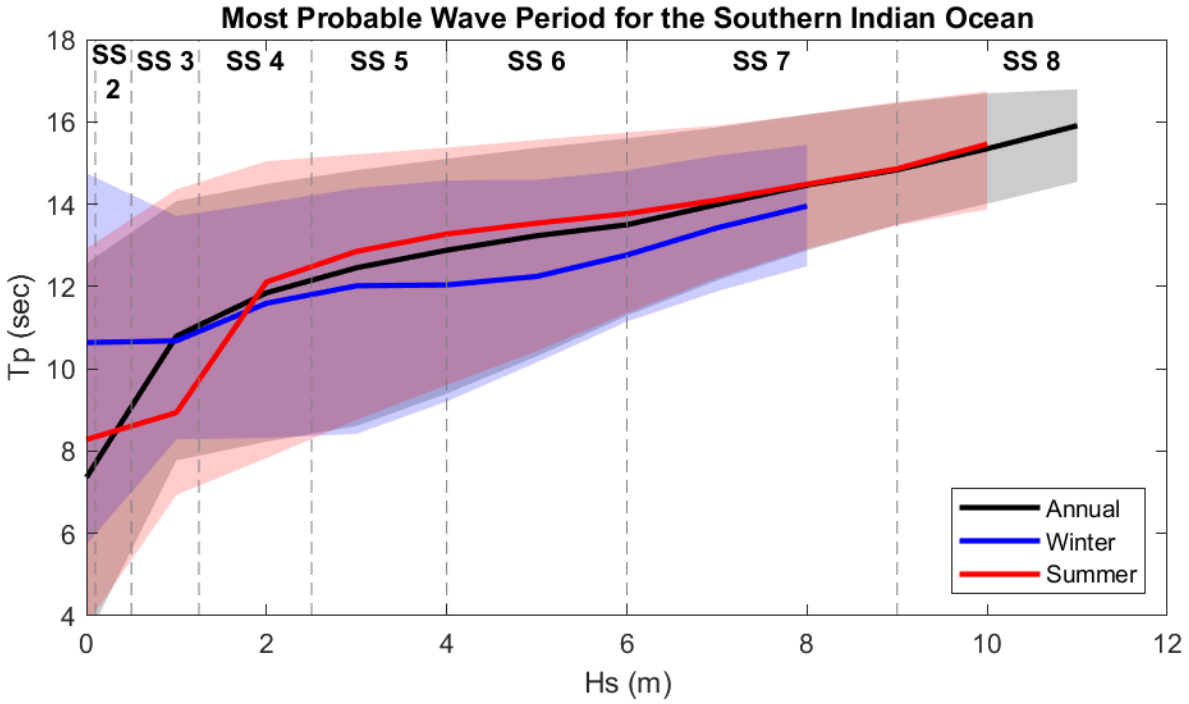


Figure E-10. Annual and Seasonal Most Probable Wave Period for the Southern Indian Ocean

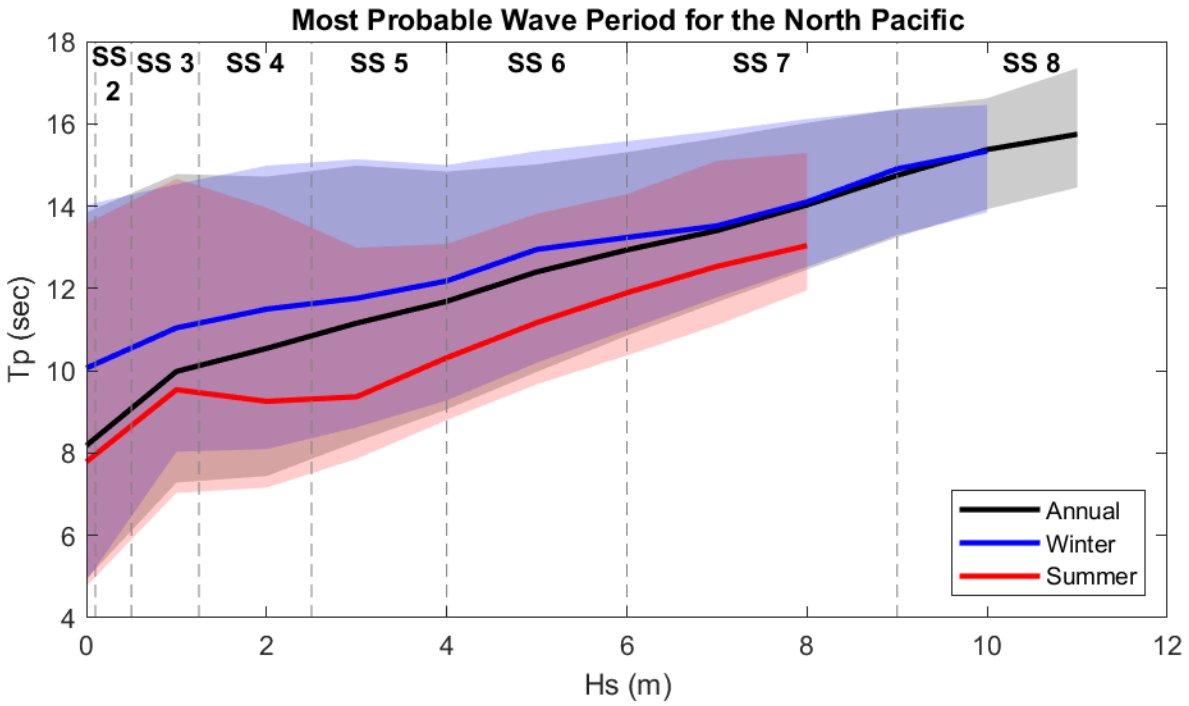


Figure E-11. Annual and Seasonal Most Probable Wave Period for the North Pacific

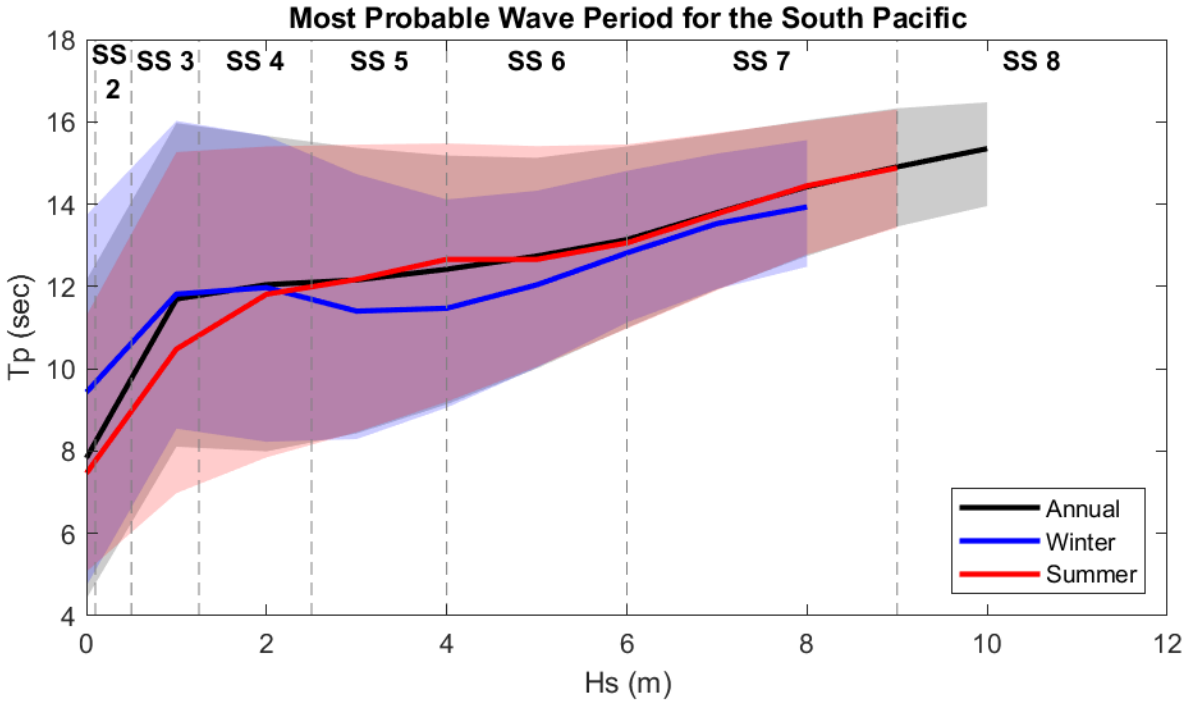


Figure E-12. Annual and Seasonal Most Probable Wave Period for the South Pacific

APPENDIX F: Gridded Statistics by Wave Height

TABLES

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Table F-1. Annual and Seasonal Wave Height Statistics for Grid 1

Grid 1															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	15.7	6.1	4-12.2	8.6	2-14.1	5.0	7.9	4.1-15.4	9.3	2.7-15.5	34.2	6.3	4-11.2	8.3	1.8-13.6
1-2	37.7	7.1	5-13	14.0	4.4-20.7	23.6	7.7	5.3-15.1	14.1	4.5-21.7	51.7	6.9	5-11	13.8	4.2-19.6
2-3	23.9	8.2	6.4-13.5	20.0	7.4-26.4	29.2	8.5	6.4-14.6	19.6	6.8-26.8	12.3	7.8	6.4-10.8	20.2	9.5-25.2
3-4	11.6	9.2	7.6-13.6	24.7	10.4-31	19.3	9.3	7.6-14.3	24.6	9.6-31.2	2.2	8.7	7.6-11	24.9	15.8-29.9
4-5	5.5	10.2	8.7-13.9	28.3	13.8-34.8	11.1	10.3	8.7-14.3	28.1	12.5-34.7	0.4	9.8	8.6-11.5	28.2	19.6-33.5
5-6	2.5	11.0	9.7-14.1	31.8	17.5-38.2	5.8	11.1	9.7-14.5	31.3	15.8-37.9	0.1				
6-7	1.1	11.9	10.6-14.6	34.5	21-41	2.9	12.0	10.6-14.9	34.1	19.2-40.7	0.0				
7-8	0.5	12.8	11.4-15.2	36.6	24.2-43.8	1.3	12.9	11.4-15.3	36.1	22.9-43.3	0.0				
8-9	0.2	13.6	12.1-15.6	38.8	27.3-46.1	0.6	13.7	12.3-15.6	38.4	26.3-45.3	0.0				
9-10	0.1	14.1	12.9-15.9	41.1	30.4-48.5	0.2	14.2	12.9-15.8	40.7	29.5-47.1	0.0				
10-11	0.0	14.6	13.6-16	43.1	34.6-50.3	0.1					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-2. Annual and Seasonal Wave Height Statistics for Grid 2

Grid 2															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	11.2	5.3	3.3-13.6	8.0	1.9-15	7.0	4.2	2.8-12.9	11.0	3-17	36.2	6.6	4-13.7	7.2	1.5-13.3
1-2	36.7	6.5	4.8-11.6	14.4	3.9-21.6	27.6	5.9	4.6-12.7	17.2	5.6-23.8	45.4	6.7	4.9-10.3	13.0	3.2-19.5
2-3	24.7	7.6	6.2-12	21.6	6.8-27.7	26.9	7.2	6.1-13.1	23.5	8.3-29.3	13.9	7.9	6.4-10.6	20.2	6.9-25.9
3-4	13.2	8.6	7.5-12.5	26.8	10.2-32.5	17.1	8.5	7.3-13.4	28.2	10.1-33.8	3.8	8.8	7.6-11.4	24.8	11.6-31
4-5	7.0	9.7	8.6-13.1	30.9	13.8-36.3	10.1	9.8	8.4-13.8	32.0	11.7-36.8	1.1	9.9	8.7-12.2	28.4	15.5-35.3
5-6	3.6	10.7	9.5-13.6	34.1	17.5-39.2	5.6	11.1	9.5-14	34.0	14.6-39.4	0.3	10.7	9.4-12.3	33.1	20.2-40
6-7	1.6	11.9	10.5-14	35.9	21.1-41.6	2.7	12.2	10.4-14.3	35.1	19-41.6	0.1	11.0	10.1-12.4	39.4	26.3-44.4
7-8	0.6	12.9	11.3-14.4	37.7	24.8-43.9	1.2	12.9	11.4-14.5	37.5	24.3-43	0.0				
8-9	0.2	13.5	12.2-14.7	40.2	29-45.9	0.5	13.4	12.2-14.5	40.5	29.3-45.5	0.0				
9-10	0.1	13.9	12.8-14.7	43.4	35.5-48.7	0.2	13.8	12.7-14.4	44.8	35.3-49.5	0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-3. Annual and Seasonal Wave Height Statistics for Grid 3

Grid 3															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	5.1	7.6	4.7-13.9	7.0	1.5-13.5	2.6	8.2	3.6-13.7	8.7	2.2-16.5	17.9	7.5	5-13.7	6.6	1.4-12.8
1-2	26.0	8.4	5.5-11.9	11.7	3.2-20.2	10.9	9.5	5.7-13.2	12.9	3.6-21.6	48.9	8.2	5.5-10.6	11.1	3-19
2-3	25.2	9.2	6.5-12.4	18.3	5.5-26.7	19.3	10.0	6.7-13.3	17.8	5.2-27.7	23.7	8.4	6.5-10.9	19.0	6.5-25.5
3-4	17.2	10.1	7.6-12.9	23.8	7.8-32	20.3	10.7	7.7-13.4	22.2	7.2-32.8	7.5	9.2	7.6-11.6	24.5	10.8-30.7
4-5	11.3	10.7	8.6-13.4	28.2	10.5-36.3	17.6	11.2	8.7-13.7	27.8	9.6-36.6	2.1	10.0	8.6-12.6	28.2	15.4-34.7
5-6	7.2	11.3	9.6-13.8	32.5	13.8-39.6	13.2	11.5	9.6-14.1	31.8	12.5-39.4	0.6	10.9	9.6-13.2	31.4	19.4-38.3
6-7	4.0	11.9	10.4-14.2	36.0	18.2-42.4	8.2	12.0	10.4-14.4	35.7	16.5-41.7	0.2	11.5	10.2-13.2	36.3	24.6-41.6
7-8	1.9	12.6	11.2-14.6	38.4	23.2-44.6	4.2	12.7	11.3-14.7	37.2	21.3-43.4	0.0				
8-9	0.8	13.3	12-15.1	40.3	27.9-46.1	1.8	13.4	12-15.1	39.3	27.3-45.2	0.0				
9-10	0.3	14.1	12.8-15.4	42.0	32.6-47.8	0.7	14.2	12.9-15.5	40.6	32.2-46.4	0.0				
10-11	0.1	14.8	13.6-15.9	42.6	35.6-48.4	0.2	15.1	13.8-16.1	41.4	35.5-47.1	0.0				
11-12	0.0	15.6	14.5-16.4	43.8	38.1-48	0.1					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-4. Annual and Seasonal Wave Height Statistics for Grid 4

Grid 4															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	7.7	7.8	4.6-12.7	8.1	1.7-13.4	1.5	9.9	4.2-14.3	8.2	2.2-14.5	20.9	7.8	4.5-11.9	8.0	1.6-13.3
1-2	31.9	7.7	5.3-12.4	13.0	3.6-19.7	13.8	10.4	6-14.6	12.3	3.5-20.1	55.8	7.6	5.2-11	13.0	3.7-19.1
2-3	25.9	8.8	6.5-13.2	18.7	6.3-25.6	25.1	10.6	6.8-14.3	17.6	5.5-25.7	19.1	8.1	6.4-11.5	19.2	8.7-24.8
3-4	16.0	10.0	7.7-13.8	23.1	8.8-30.4	23.6	10.8	7.8-14.4	22.1	7.9-30.3	4.1	8.9	7.7-12.4	24.0	13.6-29.7
4-5	9.0	10.8	8.7-14.2	27.0	12-34.2	16.6	11.2	8.7-14.5	26.4	10.9-34.1	0.8	10.0	8.7-13.1	27.3	17.3-33.8
5-6	4.7	11.5	9.6-14.5	31.0	16-37.5	9.7	11.7	9.6-14.7	30.7	14.7-37.3	0.2	11.2	9.6-14.2	28.9	18.9-36.9
6-7	2.3	12.1	10.5-14.6	34.1	20.7-40.4	5.1	12.2	10.5-14.8	34.0	19.4-40.2	0.0				
7-8	1.0	12.8	11.4-14.9	36.5	25.5-43.3	2.3	12.9	11.4-15	36.2	24.2-42.9	0.0				
8-9	0.4	13.6	12.2-15.3	39.0	29.6-45.7	1.0	13.7	12.2-15.4	38.4	28.5-45.2	0.0				
9-10	0.1	14.2	12.8-15.7	41.2	33.1-48.1	0.4	14.3	12.9-15.6	40.5	31.8-47	0.0				
10-11	0.0	14.7	13.5-15.8	43.6	35.6-50.5	0.1	15.2	14-16.5	39.8	34.3-46.5	0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-5. Annual and Seasonal Wave Height Statistics for Grid 5

Grid 5															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	61.0	3.6	2.1-5.6	10.4	2.6-17.1	43.6	3.6	2.1-5.8	11.4	3.3-18.1	86.1	3.4	2.1-5.3	9.4	2.3-16
1-2	28.9	5.8	4.5-7.1	19.1	12.2-25.4	37.2	5.9	4.5-7.2	19.7	12.3-26.2	14.0	5.6	4.5-6.7	18.1	12.2-23.8
2-3	7.3	7.3	6.2-8.2	26.0	19.8-32.1	13.5	7.3	6.2-8.3	25.9	19.2-32	1.3	7.0	6-7.9	24.8	19.2-30.6
3-4	1.8	8.4	7.4-9.1	31.8	25.5-36.8	4.0	8.4	7.3-9.1	31.7	25.1-36.3	0.1	8.3	7.4-9	29.2	23.4-35.3
4-5	0.3	9.2	8.1-9.8	35.8	30.1-40.3	0.8	9.2	8.2-9.9	35.3	29.7-39.4	0.0				
5-6	0.0	10.1	9-10.6	38.5	33.8-43	0.1	10.1	7-10.5	38.4	34.2-42.2	0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-6. Annual and Seasonal Wave Height Statistics for Grid 6

Grid 6															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	11.3	12.8	5.9-17.5	7.2	1.6-13.2	4.4	9.5	4.6-14.5	8.0	2.2-15.2	25.5	13.1	5.7-17.5	6.9	1.5-12.6
1-2	35.8	8.9	5.9-15.5	11.7	3.6-20	19.6	10.7	5.9-14.3	11.7	3.6-20.7	55.1	8.3	5.9-16	11.4	3.6-18.6
2-3	25.2	10.0	6.7-13.2	16.7	6-26.3	27.4	10.9	7-14.3	16.1	5.4-26.3	16.3	8.8	6.6-11.8	17.0	6.9-24.7
3-4	14.3	10.8	7.9-13.9	20.8	8.4-31.1	22.3	11.2	8-14.4	19.9	7.4-30.7	3.1	9.6	7.8-12.5	21.7	10.9-30
4-5	7.5	11.4	8.9-14.4	24.6	10.7-34.5	14.5	11.6	9-14.7	23.8	9.4-33.8	0.7	10.4	8.6-12.6	25.5	14.6-35
5-6	3.3	11.9	9.9-14.7	29.0	13.9-37.2	7.0	12.0	10-15	28.5	12.8-36.3	0.2	10.7	8.7-13.2	28.2	19.5-38.6
6-7	1.2	12.5	10.8-15	33.2	17.9-39.3	2.7	12.4	10.8-15.1	33.2	17.2-38.5	0.0				
7-8	0.4	13.0	11.6-15.4	35.3	23-41.6	0.8	13.1	11.5-15.4	34.8	22.4-40.6	0.0				
8-9	0.1	13.6	12.3-15.8	36.4	26.9-43	0.2	13.5	12.5-15.4	36.4	27.8-41.7	0.0				
9-10	0.0	14.2	13.1-16.3	37.9	31.8-45.4	0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-7. Annual and Seasonal Wave Height Statistics for Grid 7

Grid 7															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	2.8	13.2	5.7-17.7	7.5	1.6-12.5	0.5	10.4	5.4-14.4	9.0	2.3-15.8	7.6	12.6	5.4-17.8	7.4	1.6-12.4
1-2	27.0	8.8	6-16	11.9	3.5-18.8	8.4	11.1	6.4-15.1	11.5	3.3-19.2	55.6	8.5	5.9-16.2	11.9	3.5-18
2-3	28.0	9.6	6.7-13.7	17.1	5.7-24.7	22.4	11.9	7.2-15.1	16.0	4.8-24.6	28.5	8.7	6.6-12.2	17.3	7.4-23.5
3-4	19.2	10.4	7.9-14.4	21.3	7.7-29.3	25.9	11.1	8-15.2	19.7	6.6-29	7.0	9.5	7.8-12.3	21.9	11.4-28.3
4-5	11.9	11.0	8.9-15	24.7	9.9-33	20.8	11.4	8.9-15.5	23.5	8.8-32.7	1.6	10.6	8.8-12.8	25.3	14.5-32.6
5-6	6.1	11.6	9.8-15.4	28.4	12.7-35.9	12.4	11.7	9.8-15.8	27.6	11.7-35.4	0.4	11.1	9.6-13	29.3	18.9-37.1
6-7	2.7	12.3	10.7-15.6	32.6	17-38.2	5.6	12.4	10.7-15.9	33.0	15.7-37.6	0.1				
7-8	1.0	13.1	11.6-15.8	34.8	21.8-40.5	2.1	13.0	11.5-16.2	34.5	20.2-39.9	0.0				
8-9	0.3	13.7	12.4-16.1	36.6	27.1-42.6	0.7	13.6	12.3-16.2	35.8	25.4-42.2	0.0				
9-10	0.1	14.6	13-16.3	38.2	30.8-44.6	0.2	15.1	13.1-16.7	36.3	27.8-44.6	0.0				
10-11	0.0	15.5	13.5-16.3	40.8	32-47.6	0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-8. Annual and Seasonal Wave Height Statistics for Grid 8

Grid 8															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	1.2	6.7	4.6-12.9	7.8	1.8-13.4	0.2	5.2	2.8-12.2	11.2	3.2-17.1	5.2	6.6	4.9-12.2	7.5	1.6-12.9
1-2	20.7	7.9	5.7-11	12.3	3.5-19.3	4.3	8.0	6.1-12.1	13.4	4.2-21	49.6	7.6	5.5-10.3	12.3	3.4-18.9
2-3	27.6	8.7	6.6-11.8	18.2	5.8-25.2	15.1	9.2	6.9-12.3	18.5	5.9-26.6	32.4	8.1	6.4-10.8	18.7	6.8-24.6
3-4	20.0	9.6	7.6-12.5	23.2	8.2-30.2	22.6	10.2	7.7-12.6	22.6	7.6-31	9.9	8.9	7.6-11.6	24.0	10.7-29.5
4-5	13.4	10.3	8.6-12.9	27.0	10.9-34.1	22.0	10.7	8.7-13	26.5	9.7-34.4	2.7	9.9	8.6-12.3	27.8	15.2-34
5-6	8.3	11.1	9.6-13.3	31.2	14.6-37	16.6	11.3	9.6-13.4	31.0	12.7-37	0.8	10.8	9.5-12.9	31.1	19.8-37.9
6-7	4.5	11.8	10.4-13.7	34.5	19.3-39.7	10.0	11.9	10.4-13.8	34.4	17.1-39.5	0.2	11.4	10.1-13.4	35.1	25.5-41.6
7-8	2.1	12.5	11.2-14.1	36.7	25-42.3	5.0	12.5	11.3-14.2	36.3	23-42	0.1				
8-9	0.8	13.2	12-14.5	39.1	30.3-44.9	2.1	13.2	12-14.6	38.8	28.5-44.4	0.0				
9-10	0.3	13.9	12.7-15	41.7	34.4-47.1	0.7	13.9	12.8-15.2	41.3	33-46.5	0.0				
10-11	0.1	14.6	13.4-15.6	43.2	36.6-48.3	0.2	15.0	13.5-16	41.4	35.2-46.2	0.0				
11-12	0.0	15.4	14.4-16.3	45.2	37.8-49.3	0.1					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-9. Annual and Seasonal Wave Height Statistics for Grid 9

Grid 9															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	2.8	7.6	5.1-13.8	7.5	1.7-12.7	1.1	10.2	4.7-14	9.3	2.8-15.8	5.6	7.1	5-13.4	7.4	1.7-13.1
1-2	20.2	8.7	6-11.8	12.1	3.6-18.6	4.9	10.3	6.6-13.9	12.0	3.7-18.8	43.7	8.4	5.8-10.6	12.1	3.6-18.6
2-3	25.9	9.7	6.9-12.5	17.4	5.7-24.2	13.3	11.0	7.4-13.8	16.5	5.3-24.3	34.5	9.0	6.8-11.1	17.8	6.9-23.9
3-4	19.1	10.9	8.1-13.2	21.8	7.9-28.7	19.3	11.7	8.3-13.7	20.7	6.7-28.9	12.2	9.6	7.9-12.2	22.2	11.7-28.1
4-5	13.1	11.7	9.1-13.9	25.1	9.7-32.3	20.6	12.1	9.2-14.2	24.2	8.3-32.4	3.5	10.5	9-13.2	25.8	15.8-32
5-6	8.5	12.3	10-14.4	28.3	12.5-35.2	17.1	12.7	10.1-14.7	27.6	11-35.1	1.0	11.4	9.9-13.9	28.6	20.1-36.2
6-7	4.9	12.8	10.9-14.8	32.5	16.9-37.6	11.1	13.0	11-15.1	33.0	15-37.5	0.3	12.1	10.7-14.1	31.6	24-38.7
7-8	2.6	13.3	11.7-15.2	34.4	21.8-39.8	6.3	13.5	11.8-15.4	34.1	20.4-39.7	0.1				
8-9	1.2	14.0	12.5-15.6	36.4	26.9-41.9	3.2	14.0	12.5-15.6	36.2	26.3-41.8	0.0				
9-10	0.5	14.6	13.3-16	38.7	31.4-44.1	1.4	14.5	13.3-16	38.7	31-44	0.0				
10-11	0.2	15.3	14-16.4	40.8	34.5-46.2	0.5	15.2	13.9-16.4	40.7	34.2-46.3	0.0				
11-12	0.0	15.6	14.2-16.5	43.1	37.5-49	0.1					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-10. Annual and Seasonal Wave Height Statistics for Grid 10

Grid 10															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	33.3	7.4	4-12.3	9.2	2.3-15.1	19.8	9.2	3.9-14	10.4	3.1-16.2	50.2	6.8	3.9-11	8.6	2-14.3
1-2	33.2	8.2	5.2-12	15.1	6.5-22	28.5	9.7	5.3-13.2	15.7	6.5-23.1	36.4	7.9	5.3-10.1	14.6	6.6-20.3
2-3	17.1	9.3	6.7-12.7	21.2	10.9-28	21.1	10.3	6.7-13.3	21.4	10.2-28.6	11.3	8.7	6.8-11.3	20.0	11.3-26.1
3-4	8.2	10.6	8-13.3	25.7	14.9-32.7	13.3	11.1	8.1-13.7	25.4	14.2-32.9	2.5	10.0	8.2-13.2	22.8	13.5-29.1
4-5	4.1	11.8	9.3-14.4	28.0	16.7-35.1	8.2	12.2	9.3-14.7	27.0	15.1-34.9	0.5	11.1	9.2-14	25.0	17.7-33.3
5-6	2.0	12.7	10.5-15.2	30.3	18.8-36.8	4.5	13.0	10.6-15.5	29.3	17.4-36.2	0.1	11.9	10-14.3	28.2	20.3-36.4
6-7	0.9	13.3	11.5-15.8	33.0	22.3-38.5	2.2	13.6	11.6-16	32.0	20.6-37.9	0.0				
7-8	0.4	14.0	12.4-16.1	34.8	25.2-40.2	1.0	14.2	12.5-16.2	34.0	23.7-39.5	0.0				
8-9	0.1	14.6	13.2-16.5	36.3	28.8-41.9	0.4	14.5	13.1-16.5	35.9	27.2-41.2	0.0				
9-10	0.0	15.3	13.8-16.7	38.1	32.1-43.5	0.1	15.1	13.8-16.8	37.7	31.3-43.4	0.0				
10-11	0.0	15.5	14.6-17	39.9	36.9-46.1	0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-11. Annual and Seasonal Wave Height Statistics for Grid 11

Grid 11															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	31.2	4.9	3.2-10.7	9.5	2.2-15.3	17.6	5.8	3.5-12.7	10.1	2.5-15.6	51.9	4.9	3-8.8	9.3	2.1-14.9
1-2	38.4	6.2	4.7-10.5	16.4	6.2-22.7	34.6	6.5	4.8-11.4	16.8	6.1-23.5	38.7	6.1	4.6-8.6	16.1	6.5-21.6
2-3	18.0	7.4	6.2-10.8	22.7	12.3-29.5	25.0	7.5	6.1-11.1	23.2	11.8-30.2	8.6	7.4	6.3-9.1	22.4	14.8-27.9
3-4	7.3	8.6	7.5-11.2	28.1	18.4-34.6	13.1	8.6	7.4-11.2	28.7	18.4-35	1.5	8.6	7.5-9.9	27.3	20.9-33.1
4-5	2.8	9.8	8.6-11.8	32.4	23.7-38.1	5.8	9.7	8.5-11.6	32.8	23.6-38.2	0.3	9.7	8.5-10.5	31.0	25.7-37.1
5-6	0.9	10.7	9.6-12.6	35.1	28-40.8	2.1	10.6	9.5-12.4	34.9	27.5-40.8	0.0				
6-7	0.3	11.7	10.4-13.4	37.0	30.9-43	0.6	11.5	10.3-13.3	36.7	30.1-42.8	0.0				
7-8	0.1	12.4	11.3-14.3	38.9	33-44.6	0.2	12.3	11-15.2	38.8	30.7-44.2	0.0				
8-9	0.0	13.4	11.4-15.2	39.7	33.6-45.9	0.0	14.3	12.8-15.6	37.7	34.1-44.5	0.0				
9-10	0.0	14.4	13.3-16.1	45.2	34.5-48.1	0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-12. Annual and Seasonal Wave Height Statistics for Grid 12

Grid 12															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	5.6	7.6	5.4-14.7	7.7	1.6-12.9	0.7	8.4	5.3-13	7.6	2.1-14.4	15.3	8.0	5.3-14.9	7.5	1.5-12.9
1-2	33.7	8.3	5.7-12.7	12.2	3.5-19.4	15.0	9.1	6.3-12.8	12.2	3.3-20.3	59.6	7.9	5.6-13.1	11.9	3.4-18.4
2-3	27.0	9.4	6.6-12.5	18.2	5.9-25.7	28.7	10.1	6.8-12.9	17.3	5.2-25.8	19.7	8.3	6.5-12.3	18.6	8.1-24.7
3-4	15.9	10.2	7.7-12.9	22.9	8.8-30.9	23.4	10.8	7.7-13.2	22.2	7.8-30.9	4.7	9.1	7.7-12.3	23.5	12.9-29.7
4-5	8.9	10.8	8.7-13.4	26.7	12.2-34.9	15.5	11.1	8.7-13.5	26.2	11.3-34.7	1.2	10.1	8.7-12.9	26.9	16.9-33.9
5-6	4.6	11.3	9.6-13.8	30.9	16.1-37.7	8.8	11.5	9.6-13.8	30.7	15.3-37.5	0.3	11.0	9.7-14	29.8	18.3-36.8
6-7	2.2	11.8	10.5-14.2	34.4	20.8-40.2	4.4	11.9	10.5-14.1	34.5	19.8-40	0.1				
7-8	0.8	12.7	11.4-14.6	36.4	25.5-42.5	1.8	12.6	11.3-14.5	36.3	24.1-42.2	0.0				
8-9	0.3	13.4	12.1-15.1	38.5	29.4-44.7	0.5	13.4	12.1-15.2	37.9	25.9-44.2	0.0				
9-10	0.1	14.2	12.8-15.7	40.8	32-46.6	0.2	14.8	12.7-15.9	38.5	30-44.4	0.0				
10-11	0.0	14.9	13.7-16.2	41.8	35.5-47.2	0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-13. Annual and Seasonal Wave Height Statistics for Grid 13

Grid 13															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.8	13.2	5.1-17.5	6.8	1.5-11.8	0.0					3.0	12.2	5-17.4	6.8	1.5-11.7
1-2	24.1	9.0	6.4-16.3	11.3	3.3-17.7	2.9	11.4	7.4-14.5	11.3	3.4-18.4	59.8	9.0	6.2-16.6	11.2	3.2-17.2
2-3	27.3	9.8	6.9-14.1	16.5	5.3-23.4	16.5	12.3	7.8-15.2	15.0	4.5-23.5	29.2	8.7	6.7-13.4	17.3	6.8-22.5
3-4	20.0	10.8	8-14.8	20.3	6.8-28.1	25.3	12.2	8.3-15.4	18.8	6-27.9	6.9	9.5	7.8-12.6	22.1	10.7-27.4
4-5	13.4	11.7	8.9-15.4	23.2	8.7-31.8	24.3	12.2	9-15.8	22.0	7.6-31.7	1.6	10.4	8.8-13	25.1	14.7-31.7
5-6	7.6	12.3	9.8-15.8	26.4	11.2-34.7	16.5	12.4	9.8-16.1	25.9	10-34.5	0.4	11.2	9.7-13.2	29.4	19.1-36.4
6-7	3.5	12.8	10.7-16	30.6	15-37.1	8.2	13.0	10.7-16.3	30.7	13.6-36.9	0.1				
7-8	1.5	13.4	11.6-16.2	33.5	19.8-39.3	3.4	13.3	11.6-16.5	33.5	18.2-39.2	0.0				
8-9	0.5	14.2	12.4-16.5	35.0	24.6-41.6	1.3	14.2	12.4-16.7	34.8	22.7-41.6	0.0				
9-10	0.2	14.7	13.2-16.7	37.3	29-43.9	0.5	15.0	13.2-16.8	36.5	27.3-43.7	0.0				
10-11	0.1	15.6	13.9-17.1	39.3	32.6-46	0.1	15.4	13.5-17.1	39.8	29.7-45.8	0.0				
11-12	0.0	16.0	14.7-17.6	43.0	35.6-47.1	0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-14. Annual and Seasonal Wave Height Statistics for Grid 14

Grid 14															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	5.4	13.2	5.1-17.4	6.7	1.4-12.7	3.9	11.7	5-17	9.5	2.5-17.4	8.1	10.3	4.9-17.4	6.2	1.3-12.4
1-2	34.1	10.3	6.7-17.2	10.9	3.2-18.7	11.9	13.2	8.2-17	10.4	2.9-18.8	64.2	10.8	6.1-17.5	11.6	3.2-18.2
2-3	30.6	10.8	6.9-16	16.6	4.3-23.3	28.2	13.4	8.2-16.9	13.7	3.7-22.9	24.3	7.5	6.4-14.5	19.6	7.6-23.8
3-4	15.8	12.3	8.3-16.2	18.5	5.4-27.7	25.0	13.1	8.6-16.7	16.7	5.1-27.3	3.9	8.6	7.6-13	24.4	11.1-28.3
4-5	7.8	13.3	9.2-16.3	20.0	7.1-31.5	16.5	13.1	9.4-16.4	20.5	7-31.4	0.4	9.3	7.8-10.4	31.0	23-34.3
5-6	3.5	13.8	10.1-16.3	22.3	9.7-34.8	8.7	13.6	10.1-16.5	23.1	9.9-34.7	0.1				
6-7	1.3	13.9	10.8-16.4	25.9	13-37.6	3.4	13.8	10.6-16.7	26.0	13-37.5	0.0				
7-8	0.4	14.2	11.5-16.6	30.9	16.5-40.3	1.0	13.7	11.4-17	30.1	15.6-40.5	0.0				
8-9	0.1	14.3	12.2-16.8	34.2	19.8-42.8	0.3	13.6	11.7-17	34.1	16.1-42.6	0.0				
9-10	0.0					0.1					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-15. Annual and Seasonal Wave Height Statistics for Grid 15

Grid 15															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	5.1	7.0	4.9-12.4	8.1	1.8-13.5	2.8	6.5	3.5-11.9	10.3	2.6-16.7	13.0	6.9	5-12.2	7.9	1.6-13
1-2	31.1	7.7	5.5-11.5	12.9	3.7-19.8	13.2	8.1	5.7-11.5	13.8	4-21.7	56.5	7.5	5.4-11	12.7	3.6-18.8
2-3	28.8	8.6	6.5-11.8	18.8	6.4-25.9	23.3	9.1	6.5-11.8	18.7	6.2-27.3	24.6	7.9	6.4-11.3	19.1	6.9-24.6
3-4	16.8	9.5	7.5-12.3	23.5	9.1-31.2	23.8	9.9	7.5-12.2	23.4	8.6-32	5.2	9.0	7.6-12.2	23.6	10.1-29.8
4-5	9.2	10.2	8.5-12.7	27.7	12.2-35	17.6	10.5	8.5-12.6	27.5	11.3-35.3	1.1	10.0	8.6-12.5	26.9	13.9-35
5-6	4.7	10.9	9.5-13	31.7	16.5-37.9	10.2	11.0	9.5-13	31.9	15.4-38	0.3	10.9	9.4-12.6	30.4	19.8-38.8
6-7	2.1	11.7	10.3-13.5	34.8	21.8-40.4	5.0	11.7	10.4-13.5	34.5	20.8-40.1	0.1				
7-8	0.8	12.5	11.2-14	36.6	26.8-42.7	2.1	12.6	11.3-13.9	36.3	26.3-42.1	0.0				
8-9	0.3	13.2	12-14.6	38.6	30.8-45.1	0.7	13.3	12-14.4	38.0	30.2-44.3	0.0				
9-10	0.1	13.9	12.7-15.1	40.8	34.3-47.1	0.2	13.8	12.8-15.1	40.2	34.2-46.7	0.0				
10-11	0.0	14.5	13.4-15.4	43.9	37.6-49.9	0.1	14.3	13.4-15.5	43.7	36.9-50	0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-16. Annual and Seasonal Wave Height Statistics for Grid 16

Grid 16															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	1.3	7.7	5.5-13.6	7.2	1.5-12	0.1	11.1	5.3-14.2	6.5	1.8-12.6	3.8	7.4	5.3-13.2	6.9	1.5-12.1
1-2	24.8	8.8	6.4-12.3	11.5	3.3-17.7	5.4	10.5	6.8-13.3	12.2	3.8-17.9	54.6	8.5	6.2-11.6	11.5	3.3-17.5
2-3	29.9	10.2	7.1-13	16.5	5.1-22.9	19.8	11.4	7.5-13.7	15.8	4.7-23.1	32.0	9.0	6.9-11.8	17.3	6.2-22.9
3-4	18.9	11.4	8.1-13.8	20.5	6.8-27.6	23.6	12.0	8.3-14	19.7	6-27.6	8.1	9.8	7.9-12.7	21.4	10-27.8
4-5	11.6	12.2	9.1-14.2	23.8	9-31.5	20.5	12.4	9.3-14.3	23.0	7.9-31.6	1.8	10.7	9-13.5	24.5	13.4-31.8
5-6	6.6	12.7	10.1-14.7	26.9	12.2-34.5	14.2	12.8	10.2-14.7	26.3	10.8-34.5	0.5	11.5	9.9-13.7	27.8	18.9-36
6-7	3.4	13.0	11-15.1	30.7	16.7-36.8	8.3	13.2	11.1-15.1	31.0	15.4-36.7	0.1				
7-8	1.6	13.6	11.9-15.4	33.5	21.6-39	4.2	13.7	12-15.5	33.4	20.6-38.8	0.0				
8-9	0.7	14.3	12.7-15.8	35.3	26.2-41.1	1.8	14.3	12.8-15.9	35.1	25.7-40.6	0.0				
9-10	0.2	14.9	13.4-16.2	37.4	30.4-43.3	0.7	14.8	13.4-16.2	37.4	30.3-43	0.0				
10-11	0.1	15.3	13.9-16.4	40.1	34.1-46	0.2	15.2	13.8-16.4	40.2	34.2-45.9	0.0				
11-12	0.0	16.2	14.3-17	44.5	36.4-48.3	0.1					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-17. Annual and Seasonal Wave Height Statistics for Grid 17

Grid 17															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	16.5	8.7	4.7-12.6	8.5	1.9-14	6.8	11.2	4.4-15.4	9.2	2.4-15	29.1	8.4	4.9-11	8.1	1.8-13.6
1-2	39.5	9.9	5.6-13.5	12.4	3.9-19.6	25.6	11.8	5.9-14.7	13.0	4.2-20.4	54.4	9.3	5.7-11.7	11.9	3.8-18.4
2-3	22.4	11.8	7-14.3	16.7	6-24.9	26.7	12.4	7.2-15	15.5	5.5-24.9	13.9	9.8	7.2-12.8	17.3	6.8-23.5
3-4	10.6	12.6	8.4-14.8	20.4	8.1-28.8	17.3	13.0	8.8-15.2	18.2	7.3-28.5	2.8	10.4	8.3-13.9	21.1	10.1-28.4
4-5	5.3	13.2	9.7-15.4	24.3	11.3-32.2	10.8	13.4	10-15.6	22.7	10.2-31.9	0.6	11.1	9.2-14.2	24.3	16.1-32.1
5-6	2.7	13.5	10.8-15.7	27.5	15.5-34.9	6.4	13.6	11-15.9	27.5	14.2-34.7	0.1	11.6	10-14.1	28.1	20.4-36.1
6-7	1.3	13.9	11.7-16.1	31.2	19.9-37.1	3.3	14.0	11.8-16.3	32.0	18.3-36.7	0.0				
7-8	0.5	14.4	12.5-16.3	33.8	24-39.2	1.5	14.4	12.5-16.5	33.9	22.4-38.5	0.0				
8-9	0.2	14.7	13.1-16.5	35.5	27.5-41.3	0.5	14.8	13.2-16.9	35.2	25.8-40.3	0.0				
9-10	0.0	15.4	13.6-16.9	37.4	30.6-43.4	0.1	15.1	13.9-17.1	37.1	28.9-42.6	0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-18. Annual and Seasonal Wave Height Statistics for Grid 18

Grid 18															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	45.5	4.9	2.9-7.2	8.5	2.2-14.7	24.1	5.3	3.2-7.4	9.8	2.5-15.6	69.2	4.6	2.7-7	7.7	1.7-13.9
1-2	35.8	6.3	4.6-8.5	15.3	4.8-21.7	41.1	6.4	4.7-8.4	15.8	5.8-22.2	26.9	6.3	4.6-8.3	14.2	4.4-20.5
2-3	12.3	7.5	6.2-9.5	21.6	9.7-27.9	21.5	7.5	6.2-9.4	21.7	11.2-27.9	4.2	7.4	6.2-9.7	20.6	8.6-27.2
3-4	3.9	8.6	7.4-10.3	26.6	15-32.9	8.3	8.5	7.4-10.2	26.6	16.4-32.6	0.7	8.5	7.3-10.8	25.3	12.4-33.7
4-5	1.2	9.5	8.4-10.9	31.3	20.3-36.6	3.0	9.5	8.5-10.8	31.2	21.8-36.1	0.2	9.6	8.1-11.4	29.1	15.6-37.9
5-6	0.3	10.4	9.4-11.5	35.0	25.5-39.8	0.9	10.4	9.4-11.3	34.3	26.5-38.4	0.0				
6-7	0.1	11.3	10.3-12.2	36.6	29.2-42.1	0.2	11.3	10.1-12.2	35.7	29.5-40.2	0.0				
7-8	0.0	12.1	11.2-13	39.9	34.5-44.2	0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-19. Annual and Seasonal Wave Height Statistics for Grid 19

Grid 19															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	9.2	7.7	4.1-12.6	8.3	2-14	7.7	7.7	3.6-12.5	9.2	2.4-15.5	39.2	8.1	4.5-13	7.7	1.7-12.9
1-2	46.3	7.7	4.9-11.9	13.4	3.9-20.7	32.9	7.2	4.8-12.5	15.3	4.9-22.2	49.2	7.7	5.1-11.3	12.4	3.7-18.8
2-3	25.9	7.3	6.1-12.1	20.7	7.1-27.4	30.2	7.3	6.1-12.5	21.7	8.5-28.1	9.9	7.7	6.3-11.8	19.4	7.2-25.5
3-4	10.1	8.5	7.3-12.2	26.2	11.7-33	15.4	8.5	7.2-12.4	26.1	13.2-33.3	1.8	8.8	7.4-12.3	24.3	10.7-31.5
4-5	4.5	9.5	8.3-12.3	30.3	16.5-37	7.7	9.5	8.3-12.4	30.6	17.4-36.8	0.5	10.9	8.6-14.7	24.4	9.9-34.5
5-6	2.0	10.4	9.3-12.5	34.6	20.9-40.3	3.5	10.4	9.2-12.4	34.6	21.3-39.8	0.2	11.1	9.5-15.1	28.9	10-37.5
6-7	0.7	11.1	10.1-13.1	37.1	24.6-43.3	1.2	11.2	10.1-12.6	36.5	25.6-42.6	0.0				
7-8	0.2	11.9	10.8-13.7	39.3	27.4-45.8	0.3	12.0	10.9-12.9	38.6	28.8-44.4	0.0				
8-9	0.1	12.6	11.3-14.4	41.8	31.1-47.7	0.1	12.5	11.5-13.3	40.0	34.9-46	0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-20. Annual and Seasonal Wave Height Statistics for Grid 20

Grid 20															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	1.8	8.4	5.4-15.1	7.1	1.4-12.2	0.2	7.5	4.7-12.2	8.0	2.2-14.3	5.7	9.2	5.1-15.4	6.8	1.3-12.2
1-2	26.6	8.3	5.9-12.8	11.4	3.3-18.8	5.7	9.1	6.7-12	11.8	3.3-20.2	58.6	8.1	5.9-13.5	11.1	3-17.8
2-3	27.4	9.1	6.5-12.3	17.3	5.5-25	19.8	9.8	7.3-12.6	16.0	4.8-25.8	27.8	8.3	6.5-13.1	17.4	6.2-23.5
3-4	18.4	10.0	7.6-12.8	21.8	7.6-30.3	25.0	10.4	7.8-13.1	20.5	6.8-30.5	6.5	9.1	7.6-12.9	22.6	9.8-28.7
4-5	11.9	10.8	8.6-13.2	25.5	10.4-34.1	21.1	11.0	8.6-13.5	24.7	9.2-34	1.7	10.1	8.7-13.7	26.0	12.8-33.1
5-6	6.8	11.4	9.5-13.7	29.2	13.8-36.9	13.8	11.4	9.5-13.9	28.7	12.3-36.7	0.4	10.9	9.5-14.4	29.1	15.9-37
6-7	3.5	11.9	10.4-14.2	33.1	18.4-39.3	7.5	11.9	10.4-14.3	33.3	17-39.1	0.1				
7-8	1.6	12.7	11.2-14.7	35.4	23.4-41.6	3.5	12.7	11.2-14.7	35.5	22.1-41.4	0.0				
8-9	0.6	13.4	12.1-15.2	37.4	28.1-43.9	1.5	13.5	12.1-15.4	37.1	26.3-43.5	0.0				
9-10	0.3	14.3	12.9-15.8	39.3	31.8-45.6	0.6	14.6	12.9-16	38.5	30.8-45	0.0				
10-11	0.1	15.1	13.7-16.3	40.9	34.9-47.1	0.2	15.2	13.8-16.4	40.2	33.9-47	0.0				
11-12	0.0	15.7	14.3-17.2	43.1	36.6-48.2	0.1					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-21. Annual and Seasonal Wave Height Statistics for Grid 21

Grid 21															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.6	7.4	4.9-16.1	6.5	1.4-11.7	0.0					2.1	6.5	4.7-15.8	6.6	1.5-12
1-2	36.5	9.7	7-16.2	10.8	3.2-16.3	5.1	11.6	8.2-15.1	11.5	3.8-17.6	79.3	9.5	6.7-16.5	10.8	3.1-15.9
2-3	29.6	11.7	7.2-15.2	15.8	4.7-21.8	25.0	12.6	8.1-15.6	14.5	4.7-22.3	17.6	8.4	6.8-14.5	17.0	6.7-21
3-4	15.9	12.8	8.2-15.6	19.0	5.8-26.6	26.9	13.2	8.4-15.8	18.4	5.9-26.8	1.7	9.4	7.8-13.1	21.9	9.3-26.7
4-5	8.6	13.6	9.1-16	21.5	7.3-30.5	19.7	13.7	9.2-16	21.5	7.1-30.6	0.3	9.9	8.5-12.8	27.1	12.4-32.3
5-6	4.4	13.9	10.1-16.2	24.8	9.7-33.6	11.9	13.9	10.2-16.3	24.6	9.5-33.6	0.1				
6-7	2.1	14.1	11.1-16.4	28.1	13.6-35.8	6.0	14.1	11.1-16.4	28.3	13.2-35.8	0.0				
7-8	0.9	14.3	12-16.5	32.8	18.2-37.8	2.7	14.3	12.1-16.6	32.4	17.7-37.8	0.0				
8-9	0.3	14.7	12.8-16.8	34.2	22.5-39.9	1.1	14.8	12.9-16.8	34.0	21.6-39.9	0.0				
9-10	0.1	15.3	13.5-16.9	36.3	27.8-42.5	0.4	15.3	13.5-16.9	36.2	27.9-42.5	0.0				
10-11	0.0	15.8	14.1-16.9	39.1	32.3-45.3	0.1	15.5	13.7-16.8	39.9	32.1-45.6	0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-22. Annual and Seasonal Wave Height Statistics for Grid 22

Grid 22															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	5.9	7.9	4.4-15.5	6.3	1.5-12.4	5.9	11.5	4.2-15.6	6.7	1.7-12.7	6.6	6.7	4.2-15	5.8	1.6-12.2
1-2	50.3	13.1	8-16.8	11.0	3.6-16	31.7	13.0	9.5-17	10.0	3.3-16.1	70.4	11.1	7.6-16.9	11.1	3.7-15.7
2-3	32.5	13.1	8-16.6	15.5	5.2-20.2	40.9	13.9	9.9-17	13.2	4.6-19.7	21.5	9.2	7.2-16	15.7	6-20.4
3-4	7.8	13.9	9.1-16.8	18.4	6.3-24.2	14.2	14.8	10.9-17.4	15.5	4.7-22.5	2.3	9.7	8.1-12.5	21.4	12.2-26.4
4-5	1.9	14.7	9.9-17	20.3	6.9-28.6	4.4	15.3	11.3-17.5	14.9	5-25.9	0.3	10.2	8.8-12.3	26.5	19.3-31.6
5-6	0.5	14.4	10.7-16.9	23.0	8.2-32.2	1.3	15.2	11.4-17.4	18.6	6.8-30.5	0.0	11.4	9.7-13.7	32.6	22.1-36.7
6-7	0.1	14.8	11.6-17	26.3	10.9-34.5	0.4	15.2	11.7-17.2	23.0	10.1-34.2	0.0				
7-8	0.0	15.2	12.2-17.2	29.1	15-36.7	0.1	15.0	12.2-17.5	27.1	13.4-36.4	0.0				
8-9	0.0	15.0	12.8-17.2	32.8	20.3-39.9	0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-23. Annual and Seasonal Wave Height Statistics for Grid 23

Grid 23															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	20.4	9.0	4.7-11.2	8.4	2-13.6	11.5	7.5	3.9-10.9	9.5	2.4-15.2	36.1	9.0	5-10.9	8.0	1.8-12.9
1-2	51.1	7.1	4.9-11	13.7	4.1-20.5	43.4	7.1	4.8-10.5	15.0	4.5-22.2	57.2	7.1	4.9-11	13.1	4.1-18.7
2-3	18.3	7.5	6.1-11.6	20.9	8.4-27.4	26.7	7.5	6.1-11	21.7	8.7-28.4	6.1	7.2	6.2-13.2	20.1	7.6-25.5
3-4	6.1	8.6	7.4-12.2	25.9	12.8-32.8	11.3	8.6	7.3-11.4	26.6	13.7-33.3	0.8	9.1	7.6-15	22.2	8.5-30.4
4-5	2.1	9.7	8.5-12.4	30.5	18-36.5	4.4	9.6	8.4-11.7	30.9	18.6-36.5	0.2	10.1	8.5-14.7	26.2	14.2-35.1
5-6	0.6	10.5	9.4-12.9	33.9	22.5-39.4	1.3	10.4	9.4-11.6	34.0	23.3-38.7	0.1				
6-7	0.2	11.3	10.3-13.5	36.3	26.6-41.9	0.3	11.2	10-12.2	36.0	27.9-40.9	0.0				
7-8	0.0	11.9	10.9-14.1	38.7	29.7-45.4	0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-24. Annual and Seasonal Wave Height Statistics for Grid 24

Grid 24															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	5.2	9.0	5.8-12.3	7.1	1.5-11.5	0.3	6.6	3.8-10.8	8.3	2.4-14.5	16.1	9.0	5.7-12.1	6.9	1.4-11.4
1-2	41.8	8.2	5.9-12.1	11.5	3.2-17.8	17.2	8.4	6.3-11.6	12.7	3.5-19.6	68.0	8.0	5.7-11.7	11.2	3.2-16.7
2-3	28.1	9.2	6.6-12.2	17.5	5.7-24.1	33.4	9.5	6.7-11.8	17.5	5.3-25.1	13.4	8.5	6.5-12.1	18.2	6.4-23.3
3-4	13.0	10.4	7.7-12.5	22.0	8.2-29.3	22.8	10.6	7.6-12.2	21.6	7.5-29.9	2.5	9.3	7.8-13	23.1	9.8-29
4-5	6.1	11.2	8.8-12.8	25.4	11.6-33.1	13.3	11.3	8.8-12.7	24.8	11.1-33.3	0.5	10.2	8.7-13.3	27.3	14-34.2
5-6	2.8	11.7	9.8-13.3	28.8	16.5-35.9	6.9	11.9	9.8-13.2	28.5	15.9-35.9	0.1	10.9	9.3-13.2	30.7	20-38.1
6-7	1.2	12.4	10.8-13.8	32.3	21.8-38.3	3.2	12.5	10.8-13.6	31.6	21.2-38.2	0.0				
7-8	0.5	13.2	11.7-14.3	34.8	26.7-40.7	1.3	13.2	11.7-14.1	34.4	26.1-40	0.0				
8-9	0.2	13.9	12.5-14.8	36.7	30.4-42.5	0.4	13.9	12.5-14.6	36.6	30.1-42	0.0				
9-10	0.0	14.6	13.2-15.3	38.6	33.8-45	0.1	14.6	13.1-15.4	38.1	32.9-44.2	0.0				
10-11	0.0	15.1	13.7-16.3	40.3	36.4-47.1	0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-25. Annual and Seasonal Wave Height Statistics for Grid 25

Grid 25															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	3.5	8.2	5.9-14.5	7.0	1.5-11.2	0.3	10.9	2.9-13.9	6.6	1.8-12.1	10.3	8.2	5.5-14.3	7.0	1.6-11.3
1-2	45.2	9.9	6.6-13.8	11.0	3.1-16.6	20.5	11.5	7.1-14.1	11.3	3.2-17.1	74.8	8.6	6.3-13.6	11.3	3.5-16.3
2-3	30.9	11.9	7.2-14.3	16.2	4.7-21.7	38.5	12.5	7.5-14.5	14.7	4.2-21.6	14.3	8.8	6.8-12.9	17.2	6.9-21.4
3-4	11.8	12.8	8.2-14.9	19.9	6.2-26.1	21.5	13.2	8.4-14.9	18.9	5.5-25.9	1.3	9.9	8-13.6	20.6	9.8-26.6
4-5	4.7	13.4	9.3-15.3	23.2	8.3-29.9	10.5	13.7	9.4-15.4	22.0	7.4-29.6	0.2	10.4	9-13.3	25.4	12.4-32.1
5-6	1.9	13.5	10.3-15.6	26.0	11.7-33.1	4.6	13.8	10.4-15.8	25.0	10.3-32.8	0.0				
6-7	0.7	13.9	11.4-15.9	28.8	16.6-35.3	1.9	14.2	11.5-16	27.5	15.3-35.1	0.0				
7-8	0.3	14.3	12.4-16.1	31.3	21.6-37.3	0.8	14.6	12.5-16.1	30.6	20.8-37.1	0.0				
8-9	0.1	14.7	13.1-16.2	34.6	26.5-39.9	0.3	14.8	13-16.1	34.2	26.4-39.9	0.0				
9-10	0.0	15.1	13.5-16.4	36.9	30.8-42.7	0.1	15.0	13.5-16.1	37.3	30.9-42.6	0.0				
10-11	0.0	15.3	13.9-16.4	40.8	34.2-45.7	0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-26. Annual and Seasonal Wave Height Statistics for Grid 26

Grid 26															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	63.7	4.1	2.4-6.8	7.5	1.7-14.7	49.3	4.4	2.6-7.1	7.9	1.9-15.2	82.7	3.5	2.4-6.2	7.0	1.5-14
1-2	25.8	6.2	4.6-8.3	15.9	5.5-22.4	32.3	6.2	4.6-8.4	16.3	5.6-22.7	16.2	6.2	4.7-7.5	15.3	6.1-21.4
2-3	6.9	7.6	6.3-9.2	22.9	11.8-28.9	11.6	7.6	6.3-9.3	23.1	11.8-29.1	2.2	7.6	6.4-8.6	21.3	13.4-26.9
3-4	2.1	8.7	7.6-10	28.3	18.5-33.8	4.1	8.8	7.6-10	28.2	18.5-33.7	0.3	8.8	7.9-9.6	26.3	19.9-31.8
4-5	0.6	9.7	8.6-10.6	32.7	24.1-37.3	1.4	9.7	8.5-10.6	32.2	24.4-36.8	0.0	9.4	7.8-9.9	32.7	26.9-37.5
5-6	0.2	10.6	9.6-11.2	35.6	29.2-39.7	0.4	10.7	9.4-11.3	35.3	28.7-39.1	0.0				
6-7	0.0	11.4	10.2-11.8	37.7	33-41.4	0.1	11.4	10.1-11.9	37.1	31.7-41	0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-27. Annual and Seasonal Wave Height Statistics for Grid 27

Grid 27															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	65.0	4.4	2.6-6.7	8.5	2.1-14.6	46.7	4.8	2.8-7.2	9.0	2.2-15.2	81.0	4.4	2.7-6	9.0	2.6-14
1-2	26.6	6.2	4.7-8.2	15.6	6.7-21.8	35.0	6.3	4.7-8.6	16.0	6.2-22.3	19.3	6.1	4.8-7.3	15.0	8-19.9
2-3	5.8	7.7	6.3-9.5	22.0	12.4-28.1	12.2	7.8	6.3-9.6	22.2	12.2-28.2	1.1	7.5	6.5-8.2	21.2	15.2-25
3-4	1.5	8.9	7.6-10.4	26.8	17.9-32.6	3.8	8.9	7.7-10.5	26.8	17.6-32.5	0.0	7.9	7.6-8.3	27.7	23.8-30.6
4-5	0.4	9.9	8.7-11.2	30.5	22.2-35.5	1.1	9.9	8.7-11.3	30.2	21.6-35.4	0.0				
5-6	0.1	10.8	9.8-11.8	33.5	26.4-37.8	0.3	10.9	9.7-11.9	33.3	25.8-37.4	0.0				
6-7	0.0					0.1					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-28. Annual and Seasonal Wave Height Statistics for Grid 28

Grid 28															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	52.2	4.4	2.7-7.9	9.0	2.3-15	41.3	4.4	2.6-6.4	10.3	2.7-15.9	68.8	4.9	2.8-8.7	8.1	2-13.8
1-2	34.4	5.7	4.5-7.7	17.0	8.6-22.9	37.9	5.8	4.4-6.9	17.7	10.1-23.3	26.6	5.8	4.6-9.6	15.6	7.2-21.4
2-3	9.6	7.2	6.1-8.7	24.2	16.5-29.4	15.0	7.2	6.1-8.1	24.1	17.8-29.1	4.3	7.2	6.1-11.5	21.9	12.8-27.8
3-4	2.3	8.4	7.4-10.1	29.1	21.7-33.9	4.1	8.4	7.4-9.1	28.6	23-33	0.9	8.9	7.4-12.9	26.0	16.4-32.5
4-5	0.5	9.4	8.4-11.7	32.3	24.2-36.7	0.8	9.5	8.3-10	32.0	26.9-35.5	0.3	10.4	8.5-13.7	28.9	18.5-36.1
5-6	0.1	10.5	9.2-13.3	34.4	24.7-40	0.1	10.6	9.7-10.9	33.7	28.9-36.7	0.2	11.2	9.6-13.8	32.2	21.8-39.4
6-7	0.0	11.7	10-13.8	37.2	27-43.1	0.0					0.1	11.8	10.2-13.8	36.6	25.8-42.6
7-8	0.0	12.4	10.9-13.8	40.3	32.1-45.9	0.0					0.0	12.8	11.1-13.6	39.4	31.4-45.8
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-29. Annual and Seasonal Wave Height Statistics for Grid 29

Grid 29															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	18.0	8.7	4.5-11.8	7.9	1.8-13.4	16.5	7.4	3.6-12	9.6	2.6-15.6	22.0	8.8	4.8-11.7	7.3	1.6-12.2
1-2	44.5	8.1	5.2-11.6	13.0	4.2-20.2	34.6	6.9	5-11.8	14.9	5.5-22	55.5	9.0	5.5-11.5	11.5	3.6-18
2-3	23.5	7.6	6.2-12.1	19.8	7.7-26.8	27.6	7.5	6.1-11.5	21.2	9.7-28	17.0	8.5	6.6-13.1	16.8	6.1-24
3-4	8.5	8.6	7.3-12.6	25.2	11.7-32.2	12.8	8.5	7.3-11.3	26.8	14.3-32.8	4.1	9.6	7.9-14	21.3	9.8-29.2
4-5	3.0	9.6	8.4-13.1	29.7	16.1-36.2	5.1	9.5	8.4-11.3	31.2	19.2-36.1	1.3	11.0	8.9-14.6	25.0	13.4-33.3
5-6	1.0	10.6	9.4-13.7	33.3	19.4-39.2	1.8	10.4	9.3-11.7	34.3	23.5-38.6	0.5	12.1	9.8-14.8	29.1	16.6-37.4
6-7	0.3	11.6	10.2-14.3	35.8	22.5-42	0.5	11.2	10.2-12.4	35.9	27.6-41	0.2	12.3	10.6-14.9	33.6	22.2-40.7
7-8	0.1	12.5	11-14.7	38.3	25.5-44.9	0.1	12.1	11.2-13.1	38.5	31.4-42.7	0.1	12.8	11.2-15.1	37.9	26.4-43.9
8-9	0.0	13.2	11.7-15.2	40.8	27.2-47.2	0.0					0.1	13.2	12-15.1	41.0	29.3-50
9-10	0.0	13.6	12.2-14.7	45.2	34-51	0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-30. Annual and Seasonal Wave Height Statistics for Grid 30

Grid 30															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.7	8.0	5-13	6.6	1.4-11.5	0.0	10.9	4.6-12.6	8.4	2.2-14.4	2.4	7.0	4.9-13.1	6.3	1.3-11.5
1-2	31.5	8.9	6.4-12.5	11.1	3.4-17.5	2.9	9.1	6.7-12.1	13.1	4.2-20.3	67.2	9.0	6.5-13	10.8	3.3-16.5
2-3	30.3	9.8	6.7-12.7	16.7	5.3-23.9	21.0	10.1	7.2-12.7	16.4	5.1-25.5	25.2	8.7	6.7-13.4	16.9	5.9-22.1
3-4	17.3	10.8	7.7-13.1	20.7	6.8-29.4	27.2	10.8	7.7-13	19.8	6.3-30.2	4.7	9.4	7.8-13.3	22.1	9.1-27.8
4-5	9.5	11.5	8.7-13.5	24.0	9.3-33.3	20.9	11.5	8.7-13.3	23.8	8.9-33.6	1.1	10.3	8.8-13.7	26.0	12.6-32.5
5-6	5.2	12.1	9.7-13.9	27.6	13.7-35.8	13.5	12.1	9.8-13.7	27.6	13.8-35.7	0.3	11.4	9.6-14.4	28.7	16-36.6
6-7	2.6	12.6	10.7-14.4	31.6	19-37.9	7.4	12.6	10.8-14.2	31.7	19.2-37.7	0.1	12.3	10.4-14.4	32.6	22-40.4
7-8	1.2	13.2	11.6-14.9	34.6	23.9-40	3.6	13.2	11.7-14.7	34.6	24.3-39.8	0.0				
8-9	0.5	14.0	12.4-15.5	36.5	28.1-42.2	1.6	14.0	12.5-15.3	36.2	28.4-41.6	0.0				
9-10	0.2	14.8	13.3-15.9	38.2	32.1-43.8	0.6	14.8	13.3-15.8	38.0	32-43.5	0.0				
10-11	0.1	15.4	13.9-16.4	40.4	34.9-46.3	0.2	15.4	13.9-16.3	40.0	34.1-46.3	0.0				
11-12	0.0	15.8	14.3-17.4	42.4	34.8-49.7	0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-31. Annual and Seasonal Wave Height Statistics for Grid 31

Grid 31															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.4	5.7	4.1-13.9	7.6	1.9-13.3	0.2	11.0	6.4-15.5	5.2	1.1-11.8	1.1	5.6	4.3-12	7.9	2.2-13.3
1-2	42.2	10.2	7-15.9	12.6	4.1-16.1	9.8	11.9	8.6-15.3	10.9	3.4-16	76.1	8.9	6.6-16	13.3	5.4-16.4
2-3	40.2	12.0	7.4-15.9	16.4	5.4-20.1	47.4	13.2	8.4-16.2	13.9	4.4-20.3	23.2	7.9	6.9-15	17.1	10.6-20
3-4	11.5	14.1	8.5-16.4	19.3	5.5-24.3	27.5	14.2	8.7-16.5	17.0	5-24.2	0.5	9.8	8.1-13.7	21.0	13.4-25.5
4-5	3.2	14.6	9.5-16.8	20.0	5.4-28.2	9.2	14.7	9.7-16.8	15.6	5.1-27.9	0.1	10.5	8.8-13.8	25.6	18.3-31.6
5-6	1.0	14.7	10.6-17	21.1	6.3-31.7	3.2	15.1	10.9-17	17.8	6.1-31.1	0.0	11.5	9.6-13.5	31.2	23.3-36.7
6-7	0.3	14.8	11.6-17.1	25.6	9.7-33.9	1.1	15.2	11.7-17.1	24.5	9.6-33.5	0.0				
7-8	0.1	14.8	12.5-17	30.4	15.7-36.4	0.4	15.0	12.6-17.1	29.8	15.1-36.2	0.0				
8-9	0.0	14.9	13-17	33.7	22.1-39.2	0.1	14.9	13.2-17.1	33.6	21.8-38.7	0.0				
9-10	0.0	15.5	13.7-17.2	36.1	29.1-41.3	0.0	15.5	13.8-17.1	36.1	29.3-41.1	0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-32. Annual and Seasonal Wave Height Statistics for Grid 32

Grid 32															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	55.8	5.1	3.1-7.1	9.5	2.7-14.2	40.7	5.3	3.3-6.9	10.2	2.9-15.1	79.9	4.9	3-7	8.5	2.3-13
1-2	36.5	6.2	4.7-7.9	15.2	7.4-20.6	46.3	6.2	4.7-7.9	15.4	6.9-21	20.2	6.2	4.8-8	14.3	8.1-19.1
2-3	5.7	7.6	6.3-9.2	21.1	12.8-26.9	9.9	7.6	6.3-8.9	21.1	12.6-26.7	1.0	7.5	6.4-11	20.5	12.4-26.5
3-4	0.9	8.8	7.6-10.5	25.9	17.8-31.9	1.8	8.8	7.6-9.8	25.8	18-31.1	0.2	8.7	7.1-12	23.4	16.5-30.9
4-5	0.2	9.7	8.6-11.6	29.7	21.9-35.9	0.3	9.6	8.4-10.7	29.3	21.9-33.6	0.1				
5-6	0.0	10.6	9.3-12.2	32.6	25-39.4	0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-33. Annual and Seasonal Wave Height Statistics for Grid 33

Grid 33															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	21.5	8.0	5.3-10.3	8.2	2-12.3	14.5	7.7	5.2-10.7	7.8	2-13.2	31.4	8.0	4.8-9.6	8.4	2.3-12.2
1-2	56.6	8.1	6.1-11.1	12.8	5.2-17.9	47.0	8.4	6.2-10.9	13.0	4.9-18.5	65.0	8.1	6.1-10.2	12.5	6-16.9
2-3	16.8	8.7	6.8-12.1	18.3	8.2-23.4	29.3	9.0	6.8-11.8	17.8	8.1-23.4	3.9	8.3	6.9-12.5	17.7	8-22.6
3-4	3.2	9.7	7.9-13	22.5	10.8-28	6.6	10.1	8-12.7	21.8	10.5-27.1	0.4	9.8	8-14	21.3	10-28.4
4-5	0.7	10.8	8.9-13.7	25.5	13.9-32.2	1.4	11.0	9-13.3	24.8	13.9-30.6	0.1	9.9	8.9-13.4	27.3	17.9-34.3
5-6	0.2	11.4	9.7-14	29.5	19-37.4	0.3	11.9	10.2-13	28.5	19.1-33.8	0.0				
6-7	0.0	12.3	10.5-14.1	32.4	23.7-40.6	0.1	12.5	11-13.5	31.7	23.4-36.3	0.0				
7-8	0.0	13.4	11.2-14.6	34.2	27.6-44.1	0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-34. Annual and Seasonal Wave Height Statistics for Grid 34

Grid 34															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	2.5	8.7	5.2-11.4	7.1	1.7-11.3	0.1	8.1	4.4-10.4	4.2	1.1-10	7.8	7.3	4.7-11.5	8.3	2.4-12
1-2	60.8	8.8	7-12.8	11.6	3.5-15.9	32.5	9.5	7.6-13	10.9	3.1-16.2	84.9	8.5	6.7-11.3	12.3	5.2-15.8
2-3	28.7	9.8	7.4-13.6	16.1	5.2-20.6	49.7	10.3	7.7-13.5	15.6	5.2-20.8	7.7	8.5	7.2-11.8	16.7	8.6-20.3
3-4	5.5	11.5	8.2-14.1	20.7	6.3-25.2	12.9	11.6	8.4-14.1	20.2	6.6-24.8	0.3	9.7	8.1-13	21.1	11.5-27.3
4-5	1.2	12.6	9.3-14.7	23.3	8.2-29.5	2.8	12.9	9.4-14.7	21.8	7.4-28.1	0.1	10.1	9-13.7	27.1	17.9-32.5
5-6	0.3	13.3	10.1-15	25.4	12.5-34	0.7	14.3	10.8-15	21.2	10.2-31.3	0.0				
6-7	0.1	14.2	11.2-15.2	27.5	17.6-37	0.2	14.6	11.7-15.2	25.6	15.8-34	0.0				
7-8	0.0	14.4	11.9-15.4	31.9	23.7-39.3	0.1	14.5	12.5-15.3	30.8	22.2-36.4	0.0				
8-9	0.0	14.6	11.8-15.7	36.0	29.1-47.6	0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-35. Annual and Seasonal Wave Height Statistics for Grid 35

Grid 35															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	1.3	8.3	4.6-13.8	7.4	1.6-11.9	0.1	9.7	3.6-13.1	6.0	1.7-12.6	3.4	6.0	4.2-13.6	8.7	2.4-12.9
1-2	56.2	9.9	6.6-14.1	12.6	4-16.4	26.7	11.2	7.2-14.1	11.8	3.4-16.4	80.2	7.8	6.3-14.2	13.7	6.5-16.8
2-3	34.5	10.4	7.2-14.6	16.7	5.9-20.3	54.1	12.5	7.4-14.8	16.1	5.6-20.7	17.2	7.8	6.9-12.3	17.6	11.6-20.5
3-4	5.7	13.0	8.3-15.4	20.8	6.1-24.3	14.1	12.5	8.4-15.5	20.6	6.4-24.4	0.2	8.8	7.7-9.6	22.6	16.5-25.8
4-5	1.1	14.3	9.6-16	19.7	6.6-27.7	3.0	14.3	9.7-16.2	18.8	6.5-27.1	0.0				
5-6	0.2	14.1	11-16.3	21.5	9.5-30.3	0.7	14.2	11-16.3	21.2	8.7-30.2	0.0				
6-7	0.1	14.1	11.8-16.5	27.3	12.4-33.6	0.2	14.2	11.6-16.5	26.3	13.3-33.7	0.0				
7-8	0.0	15.4	12.4-16.6	29.9	18.3-35.9	0.0	15.5	12.4-16.4	27.4	18.3-33.5	0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-36. Annual and Seasonal Wave Height Statistics for Grid 36

Grid 36															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	14.5	9.1	4.9-14.2	8.1	2.1-12.4	13.7	10.7	5.1-14.2	7.8	2-12.8	14.4	6.7	4.2-13.2	8.0	2.6-13.1
1-2	58.5	10.9	6.1-15.1	13.0	4.7-17.6	48.7	12.3	6.5-15.4	13.1	4.8-17.7	69.3	7.4	6-14.2	13.0	5.9-17.5
2-3	23.2	9.5	6.9-15.4	17.8	7.5-22	30.4	12.7	7.2-15.9	17.2	7.1-21.8	16.7	7.8	6.7-12.9	17.6	10.5-22.1
3-4	2.5	10.9	8-16.1	21.3	8.6-26.2	5.1	12.7	8.3-16.5	20.3	8.3-25.7	0.6	8.6	7.3-9.6	24.0	16.6-27.5
4-5	0.4	13.9	9.4-16.5	21.6	8.9-29	0.9	14.1	9.5-16.9	19.8	8.1-28.7	0.0	9.1	8.6-9.7	30.6	25.7-34.9
5-6	0.1	14.2	10.8-16.6	23.7	11.8-31.1	0.2	14.0	10.8-16.7	23.5	11.3-31.4	0.0				
6-7	0.0	14.6	11.9-16.9	28.1	11-32.7	0.0	14.9	11.4-17.1	28.3	10.1-33.1	0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-37. Annual and Seasonal Wave Height Statistics for Grid 37

Grid 37															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	77.6	4.8	2.4-6.2	8.3	1.8-14.6	67.2	5.0	3.1-6.3	9.7	2.2-14.6	83.2	4.4	2.5-5.8	7.9	1.9-14.9
1-2	20.9	6.0	4.8-6.9	16.6	9.8-21	30.5	6.1	4.9-7	16.6	10.4-20.7	17.5	5.6	4.6-6.6	16.4	8.4-21.4
2-3	0.9	7.2	6.3-7.9	22.5	17.4-26.5	1.5	7.3	6.4-7.9	22.3	18.1-25.8	0.7	6.9	5.7-7.7	23.9	16.2-27.4
3-4	0.0	8.4	6.8-8.7	27.8	23.1-30.7	0.0					0.0				
4-5	0.0					0.0					0.0				
5-6	0.0					0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-38. Annual and Seasonal Wave Height Statistics for Grid 38

Grid 38															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	86.3	3.0	2.2-5.3	7.4	1.7-14.8	79.1	3.7	2.2-5.4	8.7	2-15.4	91.0	3.1	2.2-5.2	6.8	1.5-13.8
1-2	12.4	5.8	4.5-6.6	17.7	10.9-22.7	18.7	5.8	4.6-6.7	18.1	11.4-22.9	10.2	5.8	4.6-6.5	16.8	9.9-21.4
2-3	0.9	7.1	6.3-7.8	24.7	19.8-29	1.6	7.1	6.3-7.8	24.7	20.1-28.9	0.5	7.0	5.3-7.6	24.0	18.5-27.6
3-4	0.0	8.1	7.6-8.7	29.9	26-33.1	0.1	8.2	7.6-9	29.2	25.7-32.8	0.0				
4-5	0.0					0.0					0.0				
5-6	0.0					0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-39. Annual and Seasonal Wave Height Statistics for Grid 39

Grid 39															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	54.9	10.7	4-15.7	8.1	2.1-13.1	83.5	9.2	3.7-15.1	8.0	2.1-13.5	14.0	6.7	5.2-13	7.0	2.3-13.8
1-2	25.8	6.8	4.9-14.7	13.6	6-18.6	15.1	5.7	4.6-10.9	15.2	8-20	20.4	9.5	6.8-12.5	12.8	5.4-17.3
2-3	12.0	10.4	7.4-11.5	16.5	8.5-21.7	0.8	7.5	6.4-9	20.6	14.3-25.1	40.4	10.8	8.9-11.7	15.1	7.9-20
3-4	5.5	11.5	9.6-12.3	18.7	10.6-24.2	0.1					21.8	11.5	9.7-12.2	18.4	11.1-23.8
4-5	1.0	11.9	10.2-12.5	23.1	15.6-28.3	0.0					4.0	11.9	10.3-12.5	23.1	16.3-28.1
5-6	0.1	12.4	10.6-12.6	27.5	21.3-32.3	0.0					0.3	12.1	10.6-12.5	27.9	21.6-31.7
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-40. Annual and Seasonal Wave Height Statistics for Grid 40

Grid 40															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	41.5	5.8	3.3-9.2	7.9	2-13	19.9	6.2	3.8-8.5	9.2	2.8-13.6	53.0	5.7	3.2-8.8	7.7	1.7-12.8
1-2	35.6	7.0	5.1-9.3	14.2	5.9-19	38.4	7.3	5.3-8.9	14.5	7-19	36.2	6.8	5.2-9.1	14.1	6.3-19
2-3	14.7	8.4	6.8-10	20.1	11.9-24.5	25.9	8.6	6.9-9.7	19.8	12.9-23.8	9.1	7.9	6.6-10.1	20.2	12.3-25.3
3-4	5.3	9.5	8-10.8	24.7	16.9-29	11.1	9.6	8.2-10.4	24.2	17.9-27.6	2.0	8.9	7.7-10.9	25.1	17.2-30.6
4-5	1.6	10.3	9-11.5	28.8	21-33.1	3.1	10.4	9.3-11	27.8	22.6-30.9	0.6	9.9	8.6-11.7	29.1	20.4-34.6
5-6	0.4	11.1	9.8-12.1	31.9	24.5-36.6	0.6	10.9	9.4-11.3	31.2	26.3-33.9	0.2	10.8	9.3-12.5	31.9	22.9-40.3
6-7	0.1	11.6	10.3-12.5	34.9	27.8-41.8	0.1					0.1	11.5	10.2-13.5	35.9	25.4-44.4
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-41. Annual and Seasonal Wave Height Statistics for Grid 41

Grid 41															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	20.3	8.4	4.9-11.2	8.4	2.2-12.8	9.4	6.9	4.3-10.8	9.2	2.5-13.9	34.5	9.1	5-11.2	7.9	1.8-12.2
1-2	50.1	8.1	5.2-11.1	13.3	4.8-18.9	45.7	7.6	5.3-10	14.3	5.3-19.7	48.2	8.1	5.3-11.7	12.4	4.2-17.7
2-3	19.8	8.0	6.5-11.2	20.0	10.4-25	31.2	7.9	6.4-9.7	20.4	11.9-25.2	11.0	8.3	6.8-12.8	18.4	7.6-23.9
3-4	6.0	8.9	7.7-11.7	24.9	15.8-29.6	10.1	8.8	7.7-10.1	25.3	18.4-29.7	3.7	9.3	7.9-13.1	23.5	12.8-29.3
4-5	1.7	9.9	8.7-12.4	28.7	19.7-33.7	2.3	9.7	8.7-10.8	28.9	22.7-32.8	1.6	10.3	8.8-13.4	27.9	17.7-34
5-6	0.6	10.9	9.5-13.1	32.6	23.2-38.2	0.3	10.7	9.8-11.4	32.6	26.4-36	0.9	11.0	9.6-13.7	32.2	22.2-38.6
6-7	0.2	11.6	10.2-13.6	35.5	26.6-42.9	0.0					0.5	11.7	10.3-14	35.2	25.5-42.7
7-8	0.1	12.1	10.8-14.1	39.6	29.7-46.8	0.0					0.2	12.4	11.1-14.7	38.6	26.8-45.7
8-9	0.0	12.8	11.4-14.8	43.0	31.2-49.2	0.0					0.1	12.9	11.8-15.2	40.3	28.1-48.1
9-10	0.0					0.0					0.1				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-42. Annual and Seasonal Wave Height Statistics for Grid 42

Grid 42															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	5.3	9.1	6.1-11.3	6.8	1.4-11	1.3	9.0	4.3-13.1	8.3	2.4-13.7	13.0	9.1	5.8-11.2	6.5	1.4-10.9
1-2	54.5	9.4	6.6-11.9	10.7	3.3-16.6	38.3	8.6	6.6-12.8	11.9	3.5-18	66.0	9.5	6.5-11.2	9.9	2.9-15.7
2-3	28.9	9.0	6.8-12.5	16.7	6.2-22.4	44.3	9.0	6.8-12.6	16.7	7-23	14.5	9.4	7.1-12.4	16.0	5.3-21.6
3-4	7.2	9.7	7.8-12.9	21.6	10.1-27.2	11.7	9.7	7.7-11.9	21.5	12-27.6	4.1	10.2	8.2-13.1	20.9	9.2-27
4-5	1.9	10.6	8.9-13.2	25.6	14.4-31.7	2.6	10.5	8.8-12.3	25.5	16.2-31.2	1.6	10.7	9.1-13.4	25.3	14.4-31.6
5-6	0.7	11.2	9.7-13.4	30.7	19.2-35.8	0.6	11.4	9.9-12.5	29.3	20.4-34.7	0.8	11.3	9.8-13.7	30.3	19.8-36.3
6-7	0.2	11.9	10.4-13.8	33.6	24.1-40.5	0.1	11.9	10.9-13	33.0	24.3-37.3	0.4	11.9	10.3-14.4	33.2	24.3-40.3
7-8	0.1	12.5	11-14.4	37.7	27.6-44.6	0.0	12.6	11.7-13.7	36.7	27.1-39.6	0.2	12.6	11-15	36.9	26.3-44.3
8-9	0.0	13.0	11.7-14.9	41.8	29.7-47.9	0.0					0.1	12.9	11.8-15.8	43.3	29.6-46.1
9-10	0.0	13.6	12.3-15.3	45.1	36.2-51	0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-43. Annual and Seasonal Wave Height Statistics for Grid 43

Grid 43															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.5	7.2	4.4-12.5	6.8	1.5-12	0.0					1.7	6.4	4.4-12.6	7.0	1.7-12.4
1-2	44.7	9.0	7.5-12.6	11.1	3.5-15.6	9.8	10.2	8.6-12.7	10.8	3.1-16.4	81.4	9.0	7.4-12.6	11.4	3.7-15.5
2-3	36.6	10.6	7.7-13.4	15.7	5.3-20.6	48.3	11.2	8.6-13.5	13.7	4.5-20.9	16.5	8.8	7.3-12.9	16.6	8.4-20.5
3-4	12.1	12.4	8.4-14.3	19.8	6.5-25	26.6	12.5	8.8-14.2	17.2	5.6-24.9	1.1	9.5	7.8-12.8	21.9	9.9-27.3
4-5	3.6	12.9	9.3-15	21.8	7.7-28.8	9.4	13.2	9.7-14.9	18.3	7.1-27.9	0.3	10.3	8.7-12.8	26.3	15-32
5-6	1.1	13.3	10.3-15.5	23.9	10.9-32.5	3.2	14.0	11-15.5	20.3	10-30.5	0.1	11.2	9.5-13.3	30.0	20.6-36.6
6-7	0.4	13.4	11.1-15.7	28.8	15.8-36.1	1.1	14.2	11.7-15.7	25.9	15.1-34.1	0.0	12.7	9.8-14.1	30.6	24.3-40.1
7-8	0.1	14.0	11.9-15.9	32.5	21.2-38.7	0.4	14.5	12.4-15.8	31.3	21.1-36.9	0.0				
8-9	0.0	14.9	12.8-16.1	34.4	26.3-40	0.1	15.1	13.1-16	34.1	26.4-38.5	0.0				
9-10	0.0	15.4	13.4-16.5	35.7	31.7-41.3	0.0	15.6	13.8-16.5	35.6	31.8-41.9	0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-44. Annual and Seasonal Wave Height Statistics for Grid 44

Grid 44															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.3	5.5	3.8-10.2	8.6	2.7-14.1	0.1	10.4	5.3-15.2	4.8	1.2-11.7	0.6	5.5	4-9.4	8.3	2.7-13.7
1-2	34.7	8.5	7.2-15.7	13.2	5-15.9	8.4	11.6	8.2-14.9	10.8	3.6-15.3	57.3	8.4	7-15.5	13.3	6.1-16
2-3	51.9	8.8	7.5-15.6	16.7	8-20	59.7	12.3	8.3-15.9	16.0	6.7-19.9	42.2	8.3	7.3-14.8	16.6	10.3-19.6
3-4	11.1	10.0	8.5-16.4	20.8	10.4-23.9	27.7	11.5	8.6-16.6	20.0	9.3-23.5	0.6	9.1	8-12.7	21.5	12.6-26.3
4-5	0.9	10.7	9.3-16.6	24.6	10.8-27.9	2.8	12.0	9.4-17	23.3	8.7-27.2	0.1	10.2	8.9-14.1	25.6	15.5-30.9
5-6	0.1	11.9	10.1-16.6	27.1	8.5-32.3	0.2	15.1	10.7-17.6	14.9	5.2-29.8	0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-45. Annual and Seasonal Wave Height Statistics for Grid 45

Grid 45															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.2	6.1	3.9-15.1	6.2	1.6-13.7	0.0	12.2	3.6-14.3	7.3	3.3-14.3	0.7	6.1	4-15.2	6.1	1.6-13.1
1-2	47.4	13.1	8-16.9	11.9	4.2-15.4	20.7	13.3	8.4-16.9	12.8	5.4-16	73.8	11.2	7.6-16.8	10.8	3.6-14.8
2-3	46.1	12.4	7.5-17.2	15.6	7.1-19.7	65.2	14.0	8.6-17.5	15.8	7.9-19.8	24.9	9.9	6.9-16.8	14.7	5.3-20
3-4	4.9	11.6	7.9-17.5	19.6	10.4-25.1	12.3	13.3	9.3-17.8	18.8	9.4-22.8	1.1	8.9	7.6-13.3	21.9	11.2-28.1
4-5	0.3	10.5	8.6-16.9	25.9	9.8-32.1	0.7	14.5	9.2-18.2	16.5	7.4-27.5	0.3	10.0	8.5-12.6	27.2	16.4-33.6
5-6	0.0	10.8	9.3-15.1	31.4	13.5-37.7	0.0	14.8	10-18.3	10.3	3.2-31	0.1	11.3	9.4-13.2	31.1	22.9-38
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-46. Annual and Seasonal Wave Height Statistics for Grid 46

Grid 46															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	5.7	10.4	5.5-14.8	5.2	1.1-11.5	8.1	11.5	7.7-15.5	6.4	1.6-11.2	5.4	9.2	4.5-14.2	4.7	1-11.5
1-2	72.4	14.0	10.4-17.1	8.1	2.2-14.1	64.1	13.8	10.4-17	9.5	3.4-14.8	76.0	14.0	9.7-17	7.8	2.1-14
2-3	19.2	13.8	7.7-17.3	13.2	4.2-20.2	24.1	12.9	9.8-17.1	13.9	6.6-19.2	18.3	15.2	7.5-17.7	12.0	3.5-20.5
3-4	1.4	9.1	7.7-15.6	21.7	11.3-28.3	2.1	12.3	9.7-15.1	18.5	11.6-23.1	1.2	8.8	7.5-15.4	22.0	10.8-28.7
4-5	0.3	9.9	8.5-12	28.1	18-33.8	0.4	10.4	9.4-11.2	26.6	21.2-30.4	0.2	10.0	8.4-11.1	27.7	16.2-33.9
5-6	0.1	10.9	9.5-12.2	31.7	23.5-38.4	0.1	10.9	9.8-11.4	32.5	26.6-36	0.0				
6-7	0.0	11.4	9.9-11.8	38.1	28.7-41.7	0.0	11.3	7.8-11.6	40.1	29.8-42.7	0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-47. Annual and Seasonal Wave Height Statistics for Grid 47

Grid 47															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	26.3	6.6	4.2-9.9	9.7	3.1-13.2	16.8	7.2	4.5-9.8	10.1	3.9-13.5	22.4	6.3	4.1-9.5	9.9	3.5-13.9
1-2	55.6	7.1	5.5-9.3	14.7	8.3-18.6	56.8	7.3	5.5-9.6	15.1	8.7-18.8	55.7	7.3	5.7-8.4	14.7	8.8-18.3
2-3	15.3	8.0	6.9-9.4	19.8	14.3-23.5	22.5	8.1	6.9-9.4	19.7	14.6-23.2	20.1	8.0	7-9.2	19.5	14-23.4
3-4	1.7	9.0	8-10.4	24.2	18.6-28.8	2.8	9.2	8-10	23.9	19-27.3	2.6	9.2	8.3-10.1	23.7	18.7-27.2
4-5	0.1	10.0	8.9-11.1	27.9	22.3-32.8	0.2	10.0	9.2-10.5	27.7	23.6-30.3	0.1	9.9	8-10.9	27.7	22.6-30.7
5-6	0.0	10.4	9.8-10.8	34.1	30.4-37.6	0.0	10.1	0.1-10.8	36.5	31.5-38.3	0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-48. Annual and Seasonal Wave Height Statistics for Grid 48

Grid 48															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.5	5.4	3.6-10.5	8.7	2.6-13.7	0.1	8.4	4.9-13.2	9.0	3.6-12.8	1.2	4.8	3.5-10.1	10.1	3.3-14
1-2	57.7	8.4	7-12.7	13.8	5.6-16.7	30.9	9.0	7.3-13.1	13.3	6-16.4	74.5	8.4	6.9-10.1	13.4	6.8-16.6
2-3	37.8	8.2	7.3-13.7	17.1	9.8-20.5	59.5	8.6	7.6-13.8	17.5	10-20.8	24.6	8.3	7.2-9.8	17.1	11-20.7
3-4	2.8	9.4	8.3-14.6	21.5	12-24.7	8.1	9.5	8.5-14.3	21.5	12.9-24.2	0.5	9.0	7.9-11.6	22.4	11.8-28.2
4-5	0.2	10.3	9.1-15	24.9	14.2-31.5	0.4	10.4	9.2-14.7	24.5	11.9-27.3	0.1	10.7	9-12.1	26.9	16.8-33.1
5-6	0.0	11.2	9.6-13.5	31.3	20.2-37.3	0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-49. Annual and Seasonal Wave Height Statistics for Grid 49

Grid 49															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.3	6.2	4.2-12.7	7.2	2-13	0.1	10.7	5.2-13.7	9.0	3.6-13.2	0.9	6.0	4.4-12.6	7.1	2.1-12.6
1-2	60.1	9.3	6.9-14.3	13.3	5-16.4	35.7	11.5	6.9-14.4	13.5	6.5-16.7	80.0	8.3	7.2-13.6	11.4	4.5-15.3
2-3	36.2	8.5	7.1-15	16.9	9.3-20.1	56.3	8.8	7.3-15.2	17.7	10.1-20.8	19.8	8.3	7.1-13	14.9	7.4-19.7
3-4	2.3	9.1	8.1-16	21.5	11-24.9	6.6	9.2	8.3-16.1	21.7	11.2-24.5	0.2	8.6	7.5-10.3	22.2	10.7-29.4
4-5	0.1	11.8	9-16.8	22.5	13.1-30.5	0.3	14.2	8.6-17	19.0	9.6-26.3	0.0				
5-6	0.0					0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-50. Annual and Seasonal Wave Height Statistics for Grid 50

Grid 50															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	39.6	11.0	5.1-15.6	8.5	2.2-12.2	52.7	9.5	4.5-15.1	9.5	3.5-12.7	2.7	6.6	4.9-10.7	7.0	1.9-13.6
1-2	34.3	8.0	5.2-15	12.6	5.2-16.7	44.4	5.9	4.9-13	13.5	8.1-17.3	13.4	8.7	6.1-13.1	13.5	6.7-18.9
2-3	10.6	9.5	7.3-11.7	17.3	10.6-21.4	1.6	7.4	6.5-8.8	19.2	14.6-22.2	29.4	9.6	7.8-11.1	17.6	11.8-21.7
3-4	8.6	10.4	9-11.2	21.8	15.5-25.4	0.1	8.4	7.9-9.1	25.0	20.8-27.3	32.7	10.4	9.1-11.1	21.8	15.9-25.3
4-5	4.6	11.1	9.9-11.8	25.4	19.6-28.8	0.0					18.2	11.1	10-11.7	25.4	19.8-28.6
5-6	1.1	11.7	10.7-12.2	28.9	23.2-32.1	0.0					4.3	11.6	10.7-12.2	29.0	23.5-31.8
6-7	0.1	12.1	11-12.6	32.5	26.4-35.8	0.0					0.3	12.0	10.6-12.7	32.7	26.6-35.8
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-51. Annual and Seasonal Wave Height Statistics for Grid 51

Grid 51															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	36.8	12.0	8.3-16.3	7.9	1.9-12.2	61.7	11.7	7.5-16	8.5	2.6-12.3	8.0	9.3	4.8-15.5	8.2	2.5-13.3
1-2	42.7	11.5	5.9-16.5	12.7	4.7-17.3	35.7	8.9	5-15.2	13.5	6.9-17.1	39.3	11.7	6.1-16.9	13.3	6.1-17.6
2-3	14.9	8.6	6.9-15.6	18.1	11-22.9	1.4	7.2	6.3-10.1	19.1	12.9-22.5	38.9	8.4	6.9-16	18.3	11.7-22.8
3-4	3.8	8.9	7.8-13.5	23.4	16.5-27.8	0.2					12.4	8.8	7.8-13.7	23.3	17.1-27.3
4-5	0.6	9.7	8.8-11.7	27.6	20.6-32.1	0.1					2.0	9.8	8.7-11.3	26.9	20.9-31.1
5-6	0.1	10.7	9.6-12	30.8	23.5-35.9	0.0					0.3	10.6	9.5-11.9	29.9	22.5-35.7
6-7	0.0	11.4	10.4-12.5	33.9	27.1-40.5	0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-52. Annual and Seasonal Wave Height Statistics for Grid 52

Grid 52															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	13.8	8.8	6.3-10.7	7.4	1.7-11.4	3.8	6.3	4.2-8	9.0	3.1-13.4	29.3	8.9	5.6-10.7	7.0	1.5-11.4
1-2	51.3	8.9	6.4-11.8	11.9	4.4-16.4	30.1	8.8	7.1-12.3	12.8	5.1-16.9	57.4	8.5	5.9-11	11.3	3.9-16.8
2-3	26.5	9.0	7.2-12.2	17.2	8.6-21.8	50.6	9.0	7.3-11.9	17.4	9.8-21.6	9.6	8.4	6.7-11.4	18.2	8-23.5
3-4	5.4	9.4	8-12	22.2	13.5-27	11.5	9.2	8.1-11.4	22.2	15-25.8	2.7	9.2	7.7-11.4	23.7	13.8-28.9
4-5	1.3	10.1	8.8-12	26.7	18.2-32.1	2.3	10.0	9.1-11.7	26.4	19.1-30.1	1.0	10.0	8.6-11.6	28.1	19.3-33
5-6	0.4	10.8	9.5-12.3	31.7	23.2-36.6	0.5	10.8	9.6-11.8	30.5	23.8-33.1	0.4	10.7	9.5-12.3	31.8	23.1-36.8
6-7	0.1	11.5	10.2-12.8	33.5	27.2-41.6	0.1					0.1	11.5	10.1-13	34.0	26-42.1
7-8	0.0	11.9	10.7-13.4	38.4	30.3-46.7	0.0					0.0	11.6	10.8-14.1	39.4	30.6-47.1
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-53. Annual and Seasonal Wave Height Statistics for Grid 53

Grid 53															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	1.0	7.7	4.1-11.7	7.6	2-12.4	0.0					2.6	7.3	3.8-11.4	7.9	2.2-12.8
1-2	47.7	9.0	7.5-12.2	12.9	4.7-16	14.5	10.1	8.6-13.1	11.4	4.4-15.2	80.3	9.0	7.4-11.5	12.5	5.2-15.7
2-3	41.7	9.3	7.9-13.6	16.6	8.3-20	64.0	11.0	8.5-14	15.5	7.8-19.8	17.4	8.8	7.4-11.4	16.5	9.2-19.9
3-4	7.7	9.9	8.5-14.5	20.9	11.9-24.2	18.4	11.1	8.5-14.7	20.6	11.6-23.9	0.5	9.8	7.9-12	21.5	11.1-27.6
4-5	0.8	10.7	9.1-14.6	24.9	14.1-29.2	1.9	11.0	9.1-14.7	24.5	14.8-28.1	0.2	10.7	8.9-11.8	26.7	17.5-31.7
5-6	0.1	11.2	9.8-14.1	29.4	16.5-33.8	0.1	15.5	12-16.9	13.8	7.6-26.7	0.0	10.7	9.2-12	31.0	23.9-36.2
6-7	0.0	11.7	10-12.8	33.1	24.6-39.9	0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-54. Annual and Seasonal Wave Height Statistics for Grid 54

Grid 54															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.2	5.4	3.9-11.9	9.2	2.8-13.7	0.0	11.7	4.1-14.6	6.5	2.7-13	0.5	5.3	4.1-11.2	9.5	3-13.4
1-2	59.5	9.7	7.7-16.1	11.4	4.3-15	37.6	12.1	8-16	12.0	5.6-15.2	65.6	9.0	7.5-15.5	11.8	5.3-15.3
2-3	37.1	9.6	7.8-16.6	15.3	7.5-18.6	55.2	11.9	8-17	15.1	7.3-18.6	34.4	8.8	7.6-15.2	15.4	9.2-18.7
3-4	2.1	10.3	8.5-16.8	19.6	11.5-23.3	5.7	10.5	8.5-17	19.4	11.3-23.3	0.2	9.3	8.1-15.2	20.3	14.3-23
4-5	0.1	10.5	9-14.7	24.7	17.8-28.8	0.2	10.6	8.9-15.4	24.5	17.2-28.2	0.0				
5-6	0.0	10.7	9.7-11.3	31.4	25.9-34.5	0.0	10.5	9.7-11.5	31.6	25.7-34.5	0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-55. Annual and Seasonal Wave Height Statistics for Grid 55

Grid 55															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	5.5	11.8	6.3-16	6.0	1.3-10.9	7.5	12.1	6.6-16.3	5.9	1.4-9.8	3.7	8.3	4.2-15.2	6.7	2.1-11.8
1-2	86.6	14.2	9.9-17.3	9.8	2.6-14.5	86.8	14.0	10.2-17.3	7.4	1.9-13.3	87.0	14.1	9.7-17.2	10.1	5-14.2
2-3	7.0	13.3	8.6-17.5	13.6	5.3-18.9	4.7	11.7	7.9-17.4	11.2	4.2-18.7	10.5	14.6	9.8-17.3	12.9	6.6-17.7
3-4	0.1	8.7	7.5-11.8	22.6	14.7-28.5	0.2	8.9	7.8-9.4	22.8	17.2-27.2	0.0	10.5	10.1-11.1	14.1	5.3-21.3
4-5	0.0	9.3	8.5-9.8	29.0	22-32.8	0.0					0.0				
5-6	0.0					0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-56. Annual and Seasonal Wave Height Statistics for Grid 56

Grid 56															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	4.9	7.0	4-9.9	6.1	1.5-11.4	3.2	6.3	4.4-9.7	10.5	5.3-13.3	7.8	6.8	3.9-9.6	5.7	1.4-11.2
1-2	62.8	8.3	7.1-12.9	12.5	5.3-15.8	36.2	8.3	7-13.2	14.0	8.5-16.5	84.2	8.3	7.3-9.7	10.3	4.2-14.8
2-3	30.5	8.4	7.4-14	16.7	10.9-19.7	56.6	8.5	7.6-14	16.8	11.6-19.9	9.3	8.6	7.4-10	15.5	9.1-19.9
3-4	0.9	9.5	8.3-15.4	20.1	14.3-23.1	2.8	9.6	8.5-14.2	20.4	14.4-23.1	0.0	9.1	7.6-9.8	19.9	15-32.5
4-5	0.0	10.5	8.7-17.2	23.6	17.5-31.7	0.0					0.0				
5-6	0.0					0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-57. Annual and Seasonal Wave Height Statistics for Grid 57

Grid 57															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.3	8.4	4-11.7	5.9	1.6-12.7	0.1	7.1	1.7-10	5.0	0.9-9	0.9	8.2	4.4-11.8	5.7	1.6-12.5
1-2	73.3	10.0	7.6-14.6	11.5	3.8-15.1	59.5	10.6	7.4-14.9	11.5	5.8-14.8	82.2	8.8	7.7-13.7	11.4	5.2-15.4
2-3	25.2	10.7	7.5-15.6	14.9	7.4-18.4	38.4	10.7	7.8-15.9	14.0	7.7-17.5	17.8	9.6	7.3-14.3	15.0	8.6-19.5
3-4	0.3	9.6	7.9-16.5	19.6	11.7-25.2	1.0	10.7	8.6-16.5	19.6	11.8-22.7	0.1	8.3	7-9.5	23.4	15.1-30.6
4-5	0.0	10.0	8.6-17.2	22.6	17.7-33.4	0.0					0.0				
5-6	0.0					0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-58. Annual and Seasonal Wave Height Statistics for Grid 58

Grid 58															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	9.2	10.6	6.8-14.4	6.8	1.9-11	18.6	10.5	6.9-14.5	6.4	1.7-10	3.9	9.0	4.4-11.9	7.6	2.6-12.7
1-2	85.5	12.6	8.8-16	9.5	3.5-14	79.2	12.6	8.7-15.6	8.2	2.8-12	86.2	12.4	8.8-16.1	11.9	6.7-15.3
2-3	4.5	14.0	9.4-16.4	13.9	7.1-17.6	1.0	15.0	10.1-17.2	8.8	2.8-14.6	11.0	14.0	9.4-16.4	14.2	8.7-17.7
3-4	0.0	8.2	7.1-11.3	22.6	14.6-31.2	0.0	15.4	8.5-16.8	18.0	8.5-25.4	0.0	8.2	6.9-9.4	23.0	16-30.9
4-5	0.0					0.0					0.0				
5-6	0.0					0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-59. Annual and Seasonal Wave Height Statistics for Grid 59

Grid 59															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	16.4	8.9	6.1-13.7	7.8	2.3-11.2	19.7	7.4	5.4-12.5	8.5	3.3-11.7	1.4	7.4	5-9.5	9.1	3.6-15.2
1-2	59.5	9.2	6.3-12.1	12.7	4.9-16.6	72.2	7.6	6-11.2	12.4	6.1-16.6	38.6	9.6	6.6-11.2	14.1	8.7-17.4
2-3	21.2	9.3	7.2-11.2	17.6	12.1-21.2	6.7	8.2	7-10	18.2	12.8-21.8	55.1	9.7	7.5-11.3	17.4	12.1-21
3-4	1.7	9.8	8.4-11.3	22.0	16.8-25.4	0.2	8.9	7.8-9.5	24.2	19.8-27.7	5.5	9.9	8.5-11.3	21.8	16.7-24.8
4-5	0.1	10.5	9.4-11.4	26.0	20.9-29.1	0.0					0.2	10.4	9.5-11.3	26.7	20.9-29.1
5-6	0.0	10.9	9.2-11.3	31.7	28.5-36	0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-60. Annual and Seasonal Wave Height Statistics for Grid 60

Grid 60															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	20.7	10.7	7.6-15.5	7.1	1.6-10.8	24.8	10.4	5.9-15	8.9	4.1-11.6	0.9	7.8	5.3-10.7	6.2	2-11
1-2	58.1	10.3	6.2-15.2	11.5	3.7-15.7	70.8	8.1	5.7-14	12.0	6.3-15.6	38.3	9.7	7.6-14.7	12.0	5.9-16
2-3	16.0	9.8	7.1-14.4	16.2	9.7-20.7	3.1	7.8	6.7-9.3	17.5	12.6-20.8	47.0	10.1	8-14.3	15.7	9.5-19.7
3-4	3.2	9.4	8-12.6	22.0	15.8-25.5	0.1	8.8	7.6-9.3	24.0	19.8-26.4	11.7	9.6	8.3-12.4	21.4	15.7-24.6
4-5	0.7	10.3	9.2-11.1	26.4	20.9-29.6	0.0					2.6	10.4	9.3-10.9	26.3	20.9-29
5-6	0.1	11.2	10-11.6	30.1	24.9-33.2	0.0					0.2	10.6	9.4-11.1	31.5	26.8-34.4
6-7	0.0	11.3	8.1-11.6	35.7	27.4-40.5	0.0					0.0	11.1	7.2-11.6	36.5	27-40.9
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-61. Annual and Seasonal Wave Height Statistics for Grid 61

Grid 61															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	16.5	11.8	7.6-15.4	6.0	1.3-10.7	21.0	11.6	6.3-14.9	6.8	1.9-11	9.8	9.3	5.5-13.6	6.1	1.6-12
1-2	55.1	13.0	7.7-16.2	10.4	2.8-15.5	74.8	11.9	7-15.5	10.8	4.3-15.5	27.6	13.5	7.1-16.6	11.3	4.9-15.8
2-3	24.4	12.9	7.5-16.9	15.2	8.2-20.6	3.3	7.5	6.5-14.8	17.2	10.1-21.3	54.9	13.2	8.1-17.2	14.9	8.7-19.9
3-4	3.0	8.9	7.9-16.7	22.0	13.6-25.8	0.1					8.1	9.5	8-16.9	21.4	13.2-25.1
4-5	0.2	9.7	8.6-14.6	26.7	21.2-30.4	0.0					0.4	9.5	8.5-16.2	26.5	21.7-29.2
5-6	0.0	10.8	9.8-11.8	31.9	24.8-33.6	0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-62. Annual and Seasonal Wave Height Statistics for Grid 62

Grid 62															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	69.6	4.2	2.5-7.8	7.1	1.6-12.7	40.8	5.4	3.3-7.6	8.9	2.5-12.9	82.4	4.4	2.5-5.8	8.5	2.1-13.2
1-2	22.5	6.6	5-9.1	14.5	7.1-18.8	38.2	6.9	5.4-8.8	14.5	8.3-18.3	16.6	5.8	4.7-6.7	15.3	9.7-19.3
2-3	5.9	8.3	6.9-10.1	19.4	12-23.5	15.6	8.6	7-9.9	18.9	13-22.6	2.2	7.3	6.3-8	21.7	16.3-25.2
3-4	1.2	9.7	8.3-11	23.3	15.1-27.5	3.7	9.9	8.7-11	22.4	16.1-26	0.2	8.6	7.6-9.5	26.3	20.5-29.8
4-5	0.2	10.5	9.4-11.8	27.0	18.5-31	0.7	10.6	9.6-11.4	26.8	21-30.1	0.0	9.6	8.2-10.4	30.4	23.5-33.3
5-6	0.0	11.3	10.3-12.4	31.0	22.4-33.7	0.1	10.9	10.2-11.6	31.7	26.2-34	0.0				
6-7	0.0	11.7	11-12.6	34.9	25.5-37.5	0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-63. Annual and Seasonal Wave Height Statistics for Grid 63

Grid 63															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	21.6	8.9	6.9-11.4	6.2	1.4-10.7	1.1	9.0	3.2-11.9	6.0	1.4-10.1	43.3	8.9	6.2-10.8	6.2	1.4-10.8
1-2	65.0	9.2	6.7-12.7	10.2	2.8-15.1	68.8	9.3	7.6-13.2	11.3	4.2-15.3	54.2	8.3	6-10.9	10.3	3.3-15.7
2-3	11.5	9.1	7.1-13.3	15.7	7-20.8	27.5	9.2	7.6-12.8	15.3	7.8-19.4	2.7	8.1	6.5-10	18.0	10.7-22.6
3-4	0.7	9.0	7.7-11.6	22.5	13.9-27.5	1.7	9.6	8.3-12.2	20.6	12.4-24.7	0.3	9.0	7.6-10.3	24.3	16.5-28.9
4-5	0.1	10.0	8.5-11.8	27.8	17.3-32.9	0.1	10.9	9.3-11.5	24.1	16.2-28	0.1	9.6	8-10.8	29.5	20.1-32.8
5-6	0.0	10.7	9.2-11.8	31.9	22.2-37.1	0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-64. Annual and Seasonal Wave Height Statistics for Grid 64

Grid 64															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.8	6.1	3.6-11.5	9.6	3.1-12.8	0.7	11.6	5.5-15.3	6.5	1.6-9.9	1.1	6.2	4.8-12.1	8.5	2.8-12.6
1-2	48.0	14.3	10-17.3	11.6	5.7-14.5	67.4	14.4	11.7-17.5	11.1	5.3-14	33.4	13.6	7.8-16.8	12.1	6.9-15
2-3	48.7	15.1	9.1-17.6	13.4	7.5-16.9	30.6	15.4	12.1-18	12.1	6-15.4	62.9	14.8	8.8-17.4	14.0	9-17.5
3-4	1.3	12.3	9.6-17.9	16.7	10.9-20.1	0.0					3.4	10.5	9.2-17.6	17.6	12.5-20.9
4-5	0.0	10.4	9-17.6	23.5	17.1-26.1	0.0					0.0	10.4	9.4-16.6	24.1	19.2-26.6
5-6	0.0					0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-65. Annual and Seasonal Wave Height Statistics for Grid 65

Grid 65															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	1.3	6.9	3.6-13	8.4	2.8-12.8	1.5	7.6	3.3-13.8	7.8	3.1-11.6	1.5	6.7	5-13.1	7.7	2.6-12.7
1-2	53.5	13.7	10.9-17.3	11.2	4.9-14.6	77.2	14.3	11.4-17.5	10.3	4.2-13.8	38.0	13.5	8.6-16.9	11.6	5.7-15.3
2-3	40.6	14.7	9.7-17.5	13.4	7.2-17.8	20.4	15.0	12.5-17.7	11.0	4.9-15.1	52.8	14.6	9-17.3	14.6	8.1-18.6
3-4	3.5	15.7	9.2-17.5	17.7	10.7-22.1	0.1	12.4	8.6-17.2	18.8	13.4-23.5	8.3	14.8	9.1-17.4	18.3	10.9-22.7
4-5	0.1	12.0	9-17	24.2	14.4-27.1	0.0					0.2	12.1	9-17.1	25.2	12.4-27.3
5-6	0.0					0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-66. Annual and Seasonal Wave Height Statistics for Grid 66

Grid 66															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	3.5	6.2	3.7-10.8	8.8	2.9-14.3	2.7	7.3	4.9-12.1	9.6	4.2-12.8	4.8	5.9	3.6-10.2	8.5	3-14
1-2	66.5	8.0	6.9-14.4	13.8	7.8-16.6	73.5	8.2	7-14.8	13.0	7.8-15.9	57.5	8.1	6.7-11.9	14.6	9.2-17.3
2-3	28.6	8.3	7.3-14.9	16.6	11.1-19.5	22.6	8.3	7.2-15.8	15.4	9.9-18.3	37.8	8.5	7.4-12.4	17.3	12.7-20.1
3-4	0.2	9.5	8.3-14.6	20.9	14.6-23.7	0.0					0.6	9.8	8.4-13.7	20.5	16.1-23.4
4-5	0.0					0.0					0.0				
5-6	0.0					0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-67. Annual and Seasonal Wave Height Statistics for Grid 67

Grid 67															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.1	7.6	4.8-11.6	8.0	2.5-13.1	0.1	10.7	5.2-14.7	7.5	2.7-10.9	0.2	7.0	4.5-10.3	8.6	2.9-13.2
1-2	57.8	12.2	7.3-15.4	13.1	7.2-15.7	80.4	12.5	7.3-15.6	12.7	7.4-15.6	38.9	9.5	7.2-15	13.2	7-16.3
2-3	39.6	11.2	7.6-15.6	15.6	9.7-18.9	18.6	11.7	7.6-16.4	15.2	9.7-18	58.0	10.1	7.7-15.4	16.1	9.9-19.4
3-4	1.3	10.3	8.6-15.7	20.1	12.8-23	0.0					3.5	9.8	8.5-15.8	20.4	13.6-23.3
4-5	0.0	10.6	9.4-13.5	25.0	16.8-27.8	0.0					0.1	10.3	9.3-16.1	25.8	11.1-27.4
5-6	0.0					0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-68. Annual and Seasonal Wave Height Statistics for Grid 68

Grid 68															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.8	9.3	5.4-13.2	8.0	2.5-12.7	1.7	11.0	5.6-14.3	7.7	2.7-11.3	0.6	8.5	5.1-11.3	8.3	2.6-12.8
1-2	65.3	12.6	8.2-15.6	11.8	5.9-15	85.8	12.6	8.3-15.3	11.2	5.6-14.4	49.1	12.5	8.4-15.7	11.6	5.5-15.1
2-3	30.6	13.8	8.5-15.9	14.4	8.4-17.9	11.7	13.5	8.2-15.9	14.2	8.4-17.3	45.4	13.8	8.7-16.1	14.2	7.8-17.7
3-4	2.3	11.0	9-16	18.2	12-21.8	0.1	9.4	8.2-15.1	20.1	13-23.5	5.3	11.0	8.9-16.2	18.4	12.2-22.3
4-5	0.1	10.9	9.3-14.9	23.8	17.4-26.9	0.0					0.4	11.0	9.1-15.7	24.2	15.8-27
5-6	0.0	11.6	9.7-14.7	28.3	23-32	0.0					0.0	10.4	9.6-15.1	29.6	23.8-35.4
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-69. Annual and Seasonal Wave Height Statistics for Grid 69

Grid 69															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	5.3	9.6	6.4-15.2	5.5	1.2-9.7	8.0	9.5	5.5-15	6.2	1.6-10.1	0.3	7.4	5.8-10.2	5.2	1.5-10.7
1-2	60.7	10.7	7.6-15.3	9.5	2.6-14.5	84.1	10.6	6.8-14.7	9.3	2.8-14.8	26.3	9.5	7-14.9	11.6	4.8-15.4
2-3	29.0	10.5	8-15.5	14.3	7-18.9	6.5	7.5	6.4-14.2	16.8	9.3-21.3	62.2	10.1	8.7-15.4	14.7	8-18.3
3-4	3.8	10.4	8.5-14.9	19.4	11.7-23.5	0.4	8.6	7.4-12.3	23.0	16.1-27.7	11.5	10.7	9-14.5	19.0	12.2-22.5
4-5	0.1	10.5	9.1-14.3	23.7	17.6-29.2	0.0	9.7	7.9-10.7	27.0	21.7-32.3	0.4	10.5	9.5-14.6	23.7	17.6-26.3
5-6	0.0					0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-70. Annual and Seasonal Wave Height Statistics for Grid 70

Grid 70															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	2.2	9.8	3.9-14.3	5.0	0.9-10.4	3.0	9.4	2.9-14.7	5.3	1.1-9.7	2.1	8.7	6.1-13	4.8	1.3-11.1
1-2	50.3	13.4	8.5-16.5	8.1	2-14.1	81.5	13.3	8.4-16.2	7.2	1.7-14	14.2	13.5	7.5-16.7	10.0	3-14.4
2-3	41.0	14.8	8.2-17.3	13.0	4.5-18.5	13.9	9.9	6.9-15.9	15.8	6.6-21.1	69.8	14.9	9-17.5	13.1	5.3-17.6
3-4	5.3	14.0	8.3-17.7	18.3	7.8-23.7	0.9	8.8	7.6-12.6	23.0	15.4-27.1	14.3	14.5	9-17.7	17.4	7.7-21.7
4-5	0.2	10.1	8.7-16.4	24.5	15.2-30.1	0.1	9.6	8.6-13.1	26.3	14.5-32.2	0.5	10.8	9.3-17.4	23.2	13.8-26.1
5-6	0.0					0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-71. Annual and Seasonal Wave Height Statistics for Grid 71

Grid 71															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	14.8	7.9	5.5-12.4	6.7	1.5-11.4	12.6	9.5	3.9-12.4	5.5	1.4-10.9	12.7	7.1	4.2-10.3	7.8	2-12.3
1-2	74.5	9.0	7.2-14	10.3	3.2-15.1	72.3	10.1	7.8-14.3	10.3	3.3-15.4	75.2	8.7	6.9-12.8	11.2	4.2-15.6
2-3	9.3	8.4	6.9-13.7	16.8	8.4-20.9	13.4	8.6	6.9-13.9	16.8	8.6-21.2	12.8	8.6	7.2-12.1	16.8	9.4-20.1
3-4	0.4	8.9	7.6-11.2	23.2	14.8-27.4	0.7	8.9	7.6-11.1	22.9	14.2-27.1	0.3	9.4	8.2-11.3	21.8	15.6-24.5
4-5	0.1	9.8	8.6-11.1	27.6	20.1-31.8	0.1	9.8	8.6-11.2	27.7	19.4-31.7	0.0				
5-6	0.0	10.3	9.6-11.9	30.2	23.7-33.5	0.0	10.1	9.6-12.2	30.9	24.4-33.5	0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-72. Annual and Seasonal Wave Height Statistics for Grid 72

Grid 72															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	1.2	8.7	4.7-12.6	7.0	1.8-12.2	1.1	10.1	4.3-15.2	6.9	1.9-11.6	1.6	8.0	5.7-11.4	7.0	1.9-12.4
1-2	62.1	12.4	8-16.3	11.0	3.6-15.4	69.6	13.1	8.2-16.7	10.9	3.8-15	49.0	11.4	7.7-15.8	11.7	4-15.9
2-3	32.8	11.8	7.4-16.3	15.8	6.8-20	26.1	11.8	7.3-16.7	15.4	6-19.9	45.0	11.1	7.5-15.5	16.3	8.1-20.4
3-4	2.7	10.1	7.9-15.6	21.5	11.4-25.5	1.8	9.0	7.6-14.9	21.8	9.9-27.3	5.1	10.0	8.1-15.1	21.6	12.9-24.6
4-5	0.2	10.1	8.6-13.9	26.0	15.4-31.5	0.4	9.9	8.6-12.3	26.5	14.6-32.1	0.2	11.3	8.8-16	25.0	12.8-28.8
5-6	0.0	10.9	9.4-12.5	30.6	21-35.7	0.1	11.0	9.4-12.6	30.5	21.5-35.4	0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-73. Annual and Seasonal Wave Height Statistics for Grid 73

Grid 73															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.1	7.0	4.1-9.4	8.4	2.3-13.2	0.1					0.2	8.1	4.9-9.3	6.8	1.9-11.8
1-2	26.6	13.5	9.9-17.3	12.2	5.4-15.4	44.4	14.2	10.7-17.5	12.4	6.2-15.2	16.1	12.9	6.8-16.4	11.3	4.3-15.6
2-3	65.5	14.4	8.1-17.3	15.2	7.9-19.1	53.7	14.6	9-17.7	14.9	8.6-18.3	69.9	14.3	8-16.9	15.7	7.3-19.6
3-4	6.5	13.7	8.6-17.3	19.9	10.4-23.1	0.5	12.4	8.4-17.5	19.3	12.3-22.3	14.1	11.8	8.5-17.1	20.3	10.5-23.4
4-5	0.2	11.6	9.3-17.4	23.8	11.7-26.5	0.0					0.6	10.9	9.1-16.9	24.0	12.7-26.8
5-6	0.0	13.5	10.4-16.6	20.9	9.4-31.6	0.0					0.0				
6-7	0.0					0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-74. Annual and Seasonal Wave Height Statistics for Grid 74

Grid 74															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	2.3	8.2	6.1-14.4	7.9	2-12	3.0	8.5	5.8-14.5	8.1	2.6-11.9	2.3	8.1	6.3-12.3	7.4	2-12.3
1-2	59.2	9.3	6.3-14.2	12.1	4.5-16.9	74.8	8.7	6.1-13.8	12.1	5.2-16.7	46.0	9.1	6.5-14	12.4	4.6-17.1
2-3	31.8	10.1	6.9-14.2	16.1	6.6-21.4	19.2	8.3	6.6-13.9	16.7	7.2-21.4	43.5	10.1	7.1-14.3	16.1	6.9-21.3
3-4	4.8	11.1	7.9-14.5	19.7	8.9-26	2.0	8.7	7.6-13.9	22.9	8.1-28.4	7.5	11.4	8-14.7	19.1	8.9-25.4
4-5	0.8	12.1	8.9-14.7	22.7	10.6-30.9	0.2	9.6	8.5-13.9	27.9	9.4-32.5	1.3	12.7	9.2-15	20.3	9.1-29.5
5-6	0.1	12.3	9.8-14.3	26.7	15.6-34	0.0					0.3	12.6	9.9-14.6	25.1	14.7-33.5
6-7	0.0	12.8	10.7-14.1	31.5	21.3-37.1	0.0					0.1	12.2	10.2-14.3	33.0	21.7-38
7-8	0.0	12.6	11.3-14.1	35.5	26.7-39.3	0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-75. Annual and Seasonal Wave Height Statistics for Grid 75

Grid 75															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	14.2	10.3	5.8-14.5	7.0	1.6-12.3	16.1	10.0	5.7-14.1	7.0	1.7-11.8	11.1	10.5	6.3-14.8	7.2	1.7-12.5
1-2	40.8	11.4	6.9-15	10.9	3.2-16.9	45.1	10.8	6.8-14.1	10.9	3.4-16.7	38.0	11.7	7.3-15.4	10.7	3.1-17.2
2-3	32.6	11.7	7.3-15.2	16.0	6-21.8	30.6	10.3	7.1-13.9	16.7	6.9-22.2	34.9	12.5	7.7-15.8	15.3	5.6-21.3
3-4	9.0	12.2	8.1-15.3	20.8	9.6-26.4	5.9	9.5	7.9-13.4	22.0	11.8-27.6	12.6	13.3	8.4-16	19.2	8.4-25.1
4-5	1.9	12.5	9.1-15.7	23.7	12-30	1.0	10.3	8.8-13.4	25.8	16.2-31.6	3.2	13.6	9.5-16.1	21.3	10.9-28.2
5-6	0.4	13.0	10-15.6	25.3	13.6-33.5	0.2	10.9	9.5-12.5	31.3	20.9-34.7	0.8	13.6	10.5-15.9	22.6	12.6-31
6-7	0.1	13.6	11-15.8	27.8	16.1-35.8	0.0					0.2	13.4	11.2-15.4	27.1	15.9-33.8
7-8	0.0	13.8	11.9-15.8	32.4	21.7-38.7	0.0					0.0	13.0	12.1-14.5	34.0	26.2-36.9
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-76. Annual and Seasonal Wave Height Statistics for Grid 76

Grid 76															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.2	8.6	4-14	6.3	1.3-10.2	0.6	8.6	3.7-14	5.6	1.1-9.9	0.0	8.6	6.1-9.9	7.2	1.9-13.5
1-2	23.9	12.3	7.9-15.5	11.5	3.7-15.3	44.7	12.1	7.6-15.1	11.4	3.7-15.3	5.2	8.8	6.2-15.2	11.5	3.6-17.8
2-3	51.5	12.3	8-16	15.6	6.8-19.8	46.8	10.6	7.5-15.1	15.8	6.3-20.1	46.7	12.9	8.8-16.3	15.5	7.2-19.9
3-4	19.5	11.9	8.6-16.3	19.7	10.3-23.9	5.5	9.5	7.9-14.2	21.5	10.6-26.2	39.7	12.3	9.1-16.5	19.2	10.5-23.4
4-5	3.3	12.5	9.3-16.3	22.6	12.7-28.1	0.9	10.0	8.6-13.1	26.4	15.6-31.7	8.0	12.7	9.9-16.5	22.2	13.1-26.5
5-6	0.5	12.4	9.9-16	26.0	15.2-33.6	0.3	10.8	9.5-12.7	31.4	20.9-35.8	1.1	13.8	11.3-17.1	23.1	13.8-28.8
6-7	0.1	13.5	11.1-16.6	28.0	14-35.8	0.1	11.5	9.9-13	32.7	25.5-39.5	0.2	15.2	12.8-16.9	24.1	12.6-30.9
7-8	0.0	14.8	12.3-17	29.8	18.5-36.9	0.0					0.0	15.4	13.3-16.9	29.5	18.2-33.8
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-77. Annual and Seasonal Wave Height Statistics for Grid 77

Grid 77															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.1	8.3	3.3-13.5	6.5	1.7-12.8	0.1	7.3	1.9-12.6	4.8	1.1-10	0.1	8.5	6.4-13.4	6.5	2.2-12.6
1-2	19.2	13.0	8.7-15.9	11.6	3.8-15.6	36.0	12.7	8.6-15.5	11.3	3.8-15.3	3.9	10.9	6.4-16.3	10.8	3.2-17
2-3	55.0	13.9	8.4-16.5	15.5	6.5-19.7	54.9	13.0	8-15.7	15.0	6.7-19.3	47.1	14.3	10.1-17.1	14.9	6.2-19.6
3-4	20.3	14.6	8.8-16.9	18.8	8.8-23.2	7.3	10.0	8.1-15.4	20.4	10.6-24.8	39.0	14.8	10.3-17.1	18.1	8.7-22.9
4-5	3.7	14.5	9.7-17.2	20.3	10.1-26.7	0.6	10.5	8.8-14.5	24.7	15.1-28.9	8.7	14.7	11-17.2	20.2	10.3-25.6
5-6	0.7	15.1	11-17.1	20.9	9.9-29.8	0.1	10.4	9.2-12.9	30.3	21.1-32.9	1.7	15.5	12.7-17.1	20.0	10.4-27.1
6-7	0.1	15.5	12.5-16.9	23.6	11.1-31	0.0					0.4	15.6	13.3-16.9	23.0	10.8-30.2
7-8	0.0	15.3	13.1-16.6	30.6	17.3-34.1	0.0					0.1	15.4	13.3-16.6	29.9	16.3-34.1
8-9	0.0	15.4	13.8-16.6	33.5	23.8-36.4	0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-78. Annual and Seasonal Wave Height Statistics for Grid 78

Grid 78															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	21.6	10.0	5.7-15.3	6.9	1.6-12.9	20.5	9.8	5.7-14.6	6.8	1.6-12.3	16.8	9.5	5.2-14.7	7.3	2-13.4
1-2	37.1	11.8	8.6-15.4	11.8	4.1-16.9	46.0	11.1	8-14.5	11.4	4-16.7	28.4	12.1	8.7-16.1	12.4	5-17.3
2-3	30.6	12.2	8.7-15.5	16.6	7.6-21.7	25.3	11.2	7.5-14.2	17.0	7.7-22.4	39.9	13.0	10.5-16	15.7	8.4-20.7
3-4	8.0	13.0	8.5-15.3	20.0	10.6-26.7	6.1	10.0	7.9-13.6	22.7	13-28	12.5	15.2	12.5-17.1	16.0	7.7-22.5
4-5	1.4	12.5	9-14.7	23.9	14.4-31.7	1.0	10.3	8.8-12.9	27.1	18.1-32.2	2.5	16.0	13.3-17.2	16.2	8.2-24.4
5-6	0.3	12.7	9.6-13.9	26.6	18.2-35.1	0.2	10.7	8.9-12.5	31.6	24-35	0.6	15.9	13.5-17	17.5	7.9-27.8
6-7	0.0	15.5	12.5-16.7	25.4	10.8-31.8	0.0					0.1	15.7	13.1-16.7	24.6	9.4-31.1
7-8	0.0	15.4	13-16.6	28.9	18.5-35	0.0					0.0	15.4	13.1-16.5	29.3	17.1-34.9
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-79. Annual and Seasonal Wave Height Statistics for Grid 79

Grid 79															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	22.0	8.3	4.7-11.9	8.8	2.4-13.1	33.1	8.8	4.8-11.6	8.1	2.1-12.7	13.4	7.4	4.2-12.4	9.3	2.7-14
1-2	51.6	7.8	5.4-11.5	14.2	5.8-18.6	50.5	8.2	5.5-11.3	12.9	4.6-18	50.0	7.8	5.4-12	14.9	7.2-19
2-3	21.5	8.3	6.8-11.1	19.4	11.8-23.3	12.7	8.4	6.7-11.3	19.1	8.8-24	31.2	8.4	6.8-11.2	19.5	12.3-23.4
3-4	3.4	9.2	8-11.4	23.8	16.4-27.9	2.1	9.1	7.8-11.5	23.9	14.1-29.2	5.8	9.6	8.1-11.3	23.3	16.7-26.8
4-5	0.4	10.1	8.8-11.7	27.7	20-32.7	0.4	10.2	8.6-11.6	28.4	19.6-33.4	0.5	10.3	9.1-11.8	26.4	19.5-30
5-6	0.1	10.8	9.4-12.1	31.9	23.8-36.4	0.1	10.7	9.2-12.1	31.4	23.7-36.7	0.1	12.2	10.3-13.3	29.8	22.4-33.8
6-7	0.0	12.2	10.8-13.8	32.8	25.4-39.2	0.0					0.0				
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-80. Annual and Seasonal Wave Height Statistics for Grid 80

Grid 80															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	6.4	9.0	5-14.2	7.2	1.7-12.2	8.8	9.5	5.2-14.3	7.3	1.9-11.7	4.1	7.8	4.8-12.4	7.2	1.8-12.8
1-2	52.1	10.4	6.8-15	11.7	3.7-16.7	59.5	10.7	7.1-14.4	10.9	3.2-16	43.7	10.0	6.4-14.9	12.6	4.4-17.5
2-3	32.5	10.1	7-14.6	17.2	7.5-21.8	25.4	9.5	7-13.6	16.9	6.6-21.8	40.8	10.3	7-14.6	17.1	8.3-22
3-4	6.5	9.5	7.9-14	22.2	11.5-26.8	4.1	9.3	7.8-12.3	22.7	11.6-27.6	10.0	10.5	8-14.1	21.3	12.4-25.9
4-5	1.2	10.0	8.7-13.4	26.3	15.3-32.1	0.9	10.0	8.7-11.9	27.3	16.6-32.4	1.8	11.7	8.9-14.4	22.9	14-30.1
5-6	0.3	10.8	9.5-13.2	31.0	19.5-36	0.2	10.8	9.3-12	31.2	21-35.9	0.4	12.7	9.8-14.5	25.7	17.1-33.9
6-7	0.1	11.8	10.4-14.2	32.6	22.1-38.8	0.1					0.1	13.0	10.8-14.4	30.7	22.4-36.1
7-8	0.0	12.3	11.2-14.7	34.5	27-41.3	0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-81. Annual and Seasonal Wave Height Statistics for Grid 81

Grid 81															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.1	8.6	3.8-12.2	5.1	1.2-12.4	0.1	7.4	2.8-13.3	6.7	1.8-11.5	0.3	8.6	5.9-11	4.7	1.2-11.9
1-2	33.3	12.0	8-16	10.6	3.3-15.8	45.8	12.0	7.9-15.9	10.7	3.2-15.5	21.0	11.2	7.9-15.7	10.9	3.1-16.8
2-3	48.5	12.6	7.5-15.8	15.1	5-20.7	44.2	11.5	7.4-15.4	15.5	5.2-20.4	51.6	12.2	7.6-15.8	14.4	4.9-21.2
3-4	13.6	12.3	8-15.7	20.3	7.4-25.4	7.3	9.7	7.9-14.7	21.4	8.5-26	21.2	12.9	8-15.8	18.7	7.2-25.6
4-5	2.7	11.7	8.8-15.6	24.0	10.1-30.5	1.2	10.2	8.7-13.7	25.5	12-31.6	5.2	12.2	8.8-15.7	21.7	9.8-30.1
5-6	0.6	11.6	9.6-14.9	28.3	14.9-34.5	0.3	11.2	9.5-13.1	30.5	17.6-35.1	1.3	12.2	9.7-15.3	26.4	14.3-33.7
6-7	0.1	12.3	10.5-14.4	31.6	20.5-38	0.1					0.3	12.3	10.7-15.2	31.9	19.6-36.6
7-8	0.0	13.1	11.4-14.9	33.2	24.6-39.9	0.0					0.1	12.8	11.6-15.9	34.7	20.7-39
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-82. Annual and Seasonal Wave Height Statistics for Grid 82

Grid 82															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.1	8.2	4.5-10.2	5.4	1.4-12.7	0.1	10.4	3.8-15.9	7.4	2.7-14.5	0.3	8.2	6.6-9.7	5.2	1.3-11.9
1-2	26.1	13.1	9.1-16.8	10.6	3.2-15.3	45.6	13.2	9.4-16.9	10.7	3.4-15	13.4	12.4	7.8-16	10.5	2.9-16.2
2-3	54.3	14.0	8.4-16.6	13.5	4.4-19.6	49.0	13.7	8.3-16.7	14.1	5-19.1	53.8	13.3	8.4-16.4	13.6	4.4-20.4
3-4	15.1	14.7	8.5-16.6	17.2	5.5-24.1	3.8	13.1	7.9-16.5	17.7	5.7-25	25.9	14.5	8.5-16.6	16.9	5.7-24.4
4-5	2.8	14.9	9.2-16.7	19.9	7.1-28.5	0.4	10.2	8.5-15	25.4	10-31.3	6.0	14.4	9.1-16.7	19.7	7.1-28.6
5-6	0.5	13.7	9.9-16.4	24.1	10.2-32.7	0.1					1.2	13.7	9.9-16.1	24.2	10.8-32.3
6-7	0.1	13.7	10.9-15.9	28.8	15.8-35.5	0.0					0.3	13.6	11-15.5	28.9	16.5-34.6
7-8	0.0	13.7	11.9-15.6	32.2	21.8-37.8	0.0					0.1	13.3	11.9-15.5	33.8	20.7-37
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-83. Annual and Seasonal Wave Height Statistics for Grid 83

Grid 83															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.1	7.9	3.7-12.7	5.9	1.5-13.6	0.1	10.2	3.5-15.2	6.7	1.6-12.3	0.3	8.0	5.3-12.6	5.4	1.4-12.4
1-2	23.2	12.9	9.8-17.3	10.3	2.7-15.6	31.1	13.3	10.1-17.7	10.2	3-15.1	18.9	13.0	7.7-16.5	9.8	2.5-16.5
2-3	52.7	13.7	9.5-16.7	14.0	4.6-19.7	56.8	13.5	9.7-17.3	13.9	4.9-18.9	47.9	13.6	9-16.4	13.8	4.1-20.5
3-4	17.8	14.6	9.1-16.5	17.6	6.3-23.7	9.8	13.6	8.9-16.2	18.3	8.1-23.4	24.1	14.5	9.2-16.5	17.5	6-24.3
4-5	3.9	15.1	9.8-16.9	20.0	7.2-27.3	0.9	12.1	9.5-15.6	19.7	11-28.4	7.2	14.9	10-16.7	20.5	6.9-27.4
5-6	0.9	14.4	10.4-16.7	22.2	9.2-31.2	0.1	13.3	10.8-15.2	21.0	11.1-31.1	1.9	14.1	10.4-16.6	22.0	9.7-31.5
6-7	0.2	14.4	11.2-16.5	26.0	14-34.2	0.0					0.5	13.7	11.3-16.2	26.8	14.4-34.5
7-8	0.0	14.4	12-16.5	30.3	20.2-37.4	0.0					0.1	14.1	11.8-16.1	31.7	20.6-37.7
8-9	0.0	15.0	12.6-16.4	32.9	25.1-41	0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-84. Annual and Seasonal Wave Height Statistics for Grid 84

Grid 84															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.2	10.3	4.5-14.6	6.5	1.6-11.8	0.4	10.6	4.1-14.8	6.6	1.9-11.3	0.1	8.2	6.4-13.6	5.0	1-10.9
1-2	44.0	11.8	7.9-15.3	10.9	3.2-15.6	64.8	11.8	7.9-15.3	10.8	3.4-15.3	28.3	11.5	7.6-15.2	10.5	2.9-16.2
2-3	44.5	12.6	7.7-15.1	14.9	5.2-19.9	31.7	12.4	7.5-15.2	15.2	6.1-19.4	53.1	12.6	8-15.2	14.6	4.8-20.2
3-4	8.7	13.2	8.4-15.3	18.8	6.5-24.1	2.1	11.6	8.2-15.1	20.0	6.5-23.8	15.7	13.6	8.7-15.5	18.5	6.4-23.8
4-5	1.4	13.2	9.5-15.7	21.1	8.5-27.7	0.1	10.7	9-13.7	24.4	10.2-30.3	3.0	13.6	9.8-16	19.8	7.6-26.9
5-6	0.2	13.4	10.6-15.6	24.0	11.9-30.8	0.0					0.5	13.7	10.8-16	22.7	10.5-30.7
6-7	0.0	13.5	11.3-15.4	28.6	17.5-34.4	0.0					0.1	14.0	11.5-15.8	27.7	15.1-33.3
7-8	0.0					0.0					0.0				
8-9	0.0					0.0					0.0				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-85. Annual and Seasonal Wave Height Statistics for Grid 85

Grid 85															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.1	9.0	4.7-14.2	6.2	1.3-13	0.1	9.7	4.2-13.8	6.8	1.3-12.5	0.1	8.2	6.5-12.5	5.1	1-12.2
1-2	18.2	11.4	8.3-14.3	10.5	2.9-16.7	23.0	10.9	8.2-14.1	11.1	3.3-16.7	13.2	11.5	8-14.4	9.7	2.3-16.9
2-3	46.4	12.3	8.1-14.6	14.8	4.7-21.4	53.0	11.8	8-14.1	15.2	5.7-21.3	39.5	12.6	8.8-14.9	13.5	4-21.5
3-4	22.5	12.7	8.4-15	19.4	6.8-26	17.9	11.3	8.3-14.6	19.7	8.6-25.7	27.0	13.3	8.9-15.3	18.1	6-25.8
4-5	7.6	12.8	9.3-15.4	22.4	8.7-30	3.9	11.3	9-14.7	23.8	11.4-30.1	12.3	13.4	9.6-15.5	21.1	7.9-29.7
5-6	2.8	12.9	10.2-15.5	26.1	11.6-33	0.9	12.6	10.3-14.8	26.5	13.9-32.5	5.4	13.8	10.5-15.5	24.6	10.5-32.6
6-7	1.0	13.5	11.2-15.5	29.6	15.4-35.5	0.2	12.8	11.3-14.7	31.0	20.8-34.6	2.2	13.6	11.4-15.5	29.8	15.5-35.3
7-8	0.3	13.9	12-15.5	32.3	21.7-38.5	0.0					0.8	14.0	12.1-15.5	32.4	21.9-38.4
8-9	0.1	14.2	12.7-15.7	34.4	26.9-41.1	0.0					0.3	14.1	12.7-15.7	34.5	26.8-40.9
9-10	0.0	15.0	13.3-15.9	37.4	30.7-44.1	0.0					0.1				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-86. Annual and Seasonal Wave Height Statistics for Grid 86

Grid 86															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.5	9.6	5.5-15.1	6.6	1.5-11.9	0.7	9.7	4.8-15	7.0	1.7-11.9	0.4	9.2	6.2-13	6.0	1.3-12.6
1-2	17.5	12.3	7.9-15.9	10.7	3.2-16.7	31.6	12.0	8-15.8	10.4	2.9-16.2	7.3	9.3	6.8-15.4	11.0	2.7-18.5
2-3	40.9	12.4	7.6-15.5	14.1	4.5-21.8	47.9	12.2	7.6-15.1	14.1	4.5-21	31.9	11.5	7.7-15.6	14.2	4.5-22.9
3-4	24.5	12.7	8-15.4	18.0	6.2-26.5	14.3	12.3	7.9-14.7	18.8	6.1-26.2	32.6	12.2	8-15.4	17.8	6.2-27.1
4-5	10.2	13.2	8.8-15.4	22.6	8.9-30.8	3.4	11.7	8.8-14.9	23.1	9.4-30.9	17.6	12.6	8.8-15.5	22.3	8.9-31.3
5-6	3.7	12.6	9.8-15.5	26.8	13.1-33.8	0.8	11.6	9.7-14.5	28.8	14.8-34.1	7.4	11.6	9.7-15.4	27.1	13.1-34.2
6-7	1.2	12.7	10.7-15.5	32.1	18.5-36.6	0.2	12.6	10.6-14.9	30.4	19.2-37.4	2.8	12.3	10.6-15.3	31.8	18.8-36.6
7-8	0.3	13.5	11.5-15.5	33.1	23.4-39.3	0.0	13.4	11.4-15.3	31.3	21.1-40.8	0.8	13.4	11.5-15.5	33.2	22.9-39.2
8-9	0.1	14.1	12.3-15.9	34.8	26.8-41.7	0.0					0.2	14.1	12.2-15.6	34.4	26.4-41.9
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-87. Annual and Seasonal Wave Height Statistics for Grid 87

Grid 87															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	5.7	7.4	5.5-13.3	8.6	2.2-12.8	6.3	7.3	5.3-12.6	8.6	2.3-12.9	5.7	7.5	4.7-11.3	8.5	2-13.6
1-2	39.5	8.0	5.6-12.4	12.8	3.8-19	52.9	7.9	5.7-11.9	12.4	3.8-18.7	30.4	8.1	5.5-12.4	13.3	3.8-19.5
2-3	34.5	8.2	6.4-12.6	17.9	5.8-24.5	29.8	8.2	6.4-12	17.6	5.9-24.1	37.0	8.1	6.4-12.8	18.2	6-24.9
3-4	12.5	8.9	7.5-13	22.5	8.2-29.7	7.3	8.9	7.6-12.6	22.4	7.6-29.4	16.9	8.8	7.5-13.2	22.7	8.3-29.8
4-5	4.5	9.9	8.6-13.3	26.7	12.5-33.4	2.1	10.5	8.7-13.1	25.7	12-32.4	6.8	10.0	8.6-13.3	26.6	12.8-33.6
5-6	1.6	11.0	9.6-13.5	31.7	18.5-36.5	0.5	11.3	9.8-13.6	30.1	17.7-34.8	2.7	11.0	9.6-13.6	30.5	19-36.4
6-7	0.5	12.0	10.5-13.8	33.1	23.8-39.1	0.1	12.3	10.8-13.8	31.6	23.4-37	1.0	11.9	10.6-14.1	32.9	24.1-38.7
7-8	0.2	12.8	11.3-14.2	34.9	27.9-41.4	0.0					0.3	12.8	11.4-14.4	34.3	27.3-41.1
8-9	0.0	13.6	12.1-14.6	37.3	30.8-43.7	0.0					0.1				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-88. Annual and Seasonal Wave Height Statistics for Grid 88

Grid 88															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.2	11.1	5.4-15.6	7.2	1.9-12	0.4	10.9	5-15	6.9	1.8-11.8	0.1	7.4	6.1-13.7	8.6	2.1-12.5
1-2	22.2	10.1	6.8-15.1	11.6	3.3-17.8	37.4	10.1	6.7-14.7	11.1	3.3-17.5	11.7	9.3	6.5-15.1	12.4	3.5-18.9
2-3	40.8	11.3	6.8-14.3	14.9	4.6-23.2	43.0	10.9	6.8-13.8	14.8	4.6-22.6	36.0	10.8	6.8-14.4	16.3	4.9-23.9
3-4	21.8	11.4	7.7-14	18.9	6.4-28.2	13.7	10.7	7.6-13.6	19.6	6-28	28.7	11.6	7.7-14.2	18.8	6.2-28.4
4-5	9.2	11.5	8.7-14.2	22.8	9.2-32	3.6	10.9	8.7-14	23.5	8.5-31.8	14.8	11.6	8.7-14.4	22.4	9.1-32
5-6	3.4	12.0	9.7-14.5	26.9	14-34.5	0.8	11.9	9.8-14.1	28.8	14.5-33.8	6.3	12.3	9.8-14.6	26.1	14.1-34.5
6-7	1.1	12.9	10.8-14.7	31.7	19.6-36.7	0.2	12.6	10.9-14.4	31.1	20.1-35.5	2.3	12.8	10.9-15	30.7	19.3-36.4
7-8	0.3	13.4	11.7-15	32.9	24.6-39.1	0.0					0.7	13.3	11.7-15.2	33.3	24.2-38.9
8-9	0.1	14.2	12.4-15.4	35.2	28.7-41.6	0.0					0.2	14.0	12.4-15.4	35.3	27.7-41.5
9-10	0.0	14.4	13-15.7	38.3	31.5-44.6	0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-89. Annual and Seasonal Wave Height Statistics for Grid 89

Grid 89															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.0	8.0	3.2-15.2	7.2	2-12	0.1	8.6	3.2-14.3	7.6	2.2-11.5	0.0				
1-2	19.2	10.8	8.1-14.8	10.7	2.9-16.9	32.2	10.7	8.3-14.8	10.2	2.9-16.4	7.9	10.8	7.2-14.6	11.5	3.3-18.1
2-3	43.1	11.9	8-14.3	13.9	4.1-21.7	47.3	11.6	8.2-14	13.3	4.1-21	35.4	12.0	7.7-14.4	14.8	4.3-22.5
3-4	22.3	12.8	8.4-14.5	18.0	5.9-26.4	14.7	12.2	8.4-14.3	17.4	5.7-25.7	29.8	12.7	8.5-14.6	18.6	5.9-26.6
4-5	9.3	13.0	9.3-14.9	22.1	8.1-30.4	3.7	12.3	9.3-14.8	19.9	8.7-29.7	16.6	13.0	9.4-14.9	22.4	7.9-30.5
5-6	3.5	13.0	10.2-15.1	25.8	12.3-33.2	0.8	12.2	10.3-14.6	25.8	15-32.3	7.4	13.2	10.3-15.2	26.0	11.8-33.3
6-7	1.1	13.2	11.1-15.3	31.2	17.6-35.5	0.2	13.4	11.1-14.6	30.7	20.5-34.9	2.7	13.6	11.2-15.4	30.2	17-35.3
7-8	0.3	13.9	12-15.5	32.6	23.2-38	0.0					0.8	13.9	12.1-15.5	32.5	22.9-37.8
8-9	0.1	14.3	12.7-15.5	34.7	27.9-40.9	0.0					0.2	14.3	12.7-15.6	34.6	27.8-40.7
9-10	0.0	14.7	13.3-15.7	37.9	31-43.3	0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-90. Annual and Seasonal Wave Height Statistics for Grid 90

Grid 90															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.0	9.3	6.3-14.4	5.9	1.3-12	0.0	9.9	3.3-13.1	6.5	1.2-12.3	0.0	9.0	7.4-15.1	7.2	1.2-11.6
1-2	7.8	11.2	8-13.7	11.1	3.1-17.4	12.8	10.9	8.2-13.1	11.2	3.2-17.1	4.2	9.2	7.3-13.8	9.9	2.5-18.6
2-3	43.4	12.2	7.8-14.6	14.3	4.2-22.1	55.9	11.9	7.9-14	13.9	4.1-21.4	29.9	12.8	8.1-14.9	14.6	4.4-22.7
3-4	28.5	13.1	8-15.1	17.6	5.2-26.9	22.1	12.3	8.1-14.6	17.0	5.4-26.2	33.2	13.5	8.2-15.4	17.7	5.3-26.9
4-5	11.5	13.4	8.9-15.4	21.1	6.6-30.8	5.9	12.2	9-14.9	21.2	7.2-30.4	18.0	13.7	9-15.5	20.2	6.5-30.8
5-6	4.7	13.3	10.1-15.5	26.5	9.9-33.4	1.7	12.3	10.2-14.9	27.0	13.1-32.7	8.7	13.7	10.1-15.6	25.8	9.2-33.4
6-7	2.0	13.4	11.3-15.6	31.6	15.4-35.9	0.4	12.4	11.1-14.9	31.8	20.2-35.5	4.3	13.7	11.3-15.6	30.8	15.3-35.7
7-8	0.8	13.9	12.2-15.7	33.0	21.5-38.3	0.1					1.9	14.0	12.3-15.6	33.3	21.5-37.9
8-9	0.2	14.3	12.9-16.1	35.0	25.8-40.7	0.0					0.6	14.2	12.8-15.8	35.1	26.1-40.3
9-10	0.1	14.7	13.5-16.6	37.2	29-43.1	0.0					0.1	14.3	13.2-15.8	38.5	29.6-43.3
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-91. Annual and Seasonal Wave Height Statistics for Grid 91

Grid 91															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.0					0.0					0.0				
1-2	10.9	12.0	8.8-15	10.7	3.1-16.5	22.2	11.7	8.9-14.6	10.5	3-16.1	2.9	9.8	7.5-15.6	10.7	2.7-18.1
2-3	39.3	12.8	8.7-15.4	13.4	4.1-21	51.6	12.6	8.5-15	13.2	4.1-20.3	24.5	13.2	8.9-16	13.9	4.2-22
3-4	25.9	13.6	8.9-15.7	16.2	5.3-25.3	18.6	13.1	8.4-15.1	17.1	5.6-25.3	30.3	13.9	9.6-16	16.0	5.3-25.4
4-5	13.0	14.0	9.7-15.9	19.2	7.1-29	5.0	12.5	9.1-15.2	21.2	8.5-30.1	21.5	14.3	10.4-16.1	18.9	7-28.6
5-6	6.0	14.4	10.6-16.1	23.2	10-31.9	1.3	12.3	9.9-14.7	26.9	14.3-33.5	12.3	14.6	11.1-16.3	22.6	9.7-31.4
6-7	2.6	14.6	11.6-16.3	28.3	14.5-34.2	0.3	13.3	11.1-14.8	30.4	19.5-35.1	5.9	14.7	12-16.4	26.6	14-33.7
7-8	1.0	14.8	12.5-16.4	32.0	19.9-36.6	0.1	13.6	11.9-15.2	32.9	25.7-35.8	2.5	15.0	12.7-16.4	31.3	19.7-36
8-9	0.3	15.2	13.2-16.5	33.4	25-38.8	0.0					0.8	15.2	13.3-16.5	33.6	24.8-38.5
9-10	0.1	15.5	13.9-16.5	35.6	29.4-41.1	0.0					0.2	15.5	14-16.6	35.7	29.2-40.8
10-11	0.0	16.0	14.2-16.7	38.0	31.8-44.7	0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-92. Annual and Seasonal Wave Height Statistics for Grid 92

Grid 92															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	2.1	9.7	5.6-14.6	7.5	1.8-14.8	2.2	10.9	6.1-14.9	9.2	2.5-15.2	1.9	9.0	6.4-14.4	6.7	1.6-14.4
1-2	11.8	12.1	8.8-15.5	11.3	3.4-17.8	17.2	11.5	9.2-15	11.3	3.5-17.4	7.0	9.5	7.4-16.1	10.4	2.8-19.6
2-3	35.9	13.0	9.5-15.7	13.8	4.5-22.1	48.6	12.5	9-15	14.1	4.9-21.6	23.2	13.6	10.1-16.4	14.0	4.5-22.9
3-4	26.2	13.9	9.3-16	15.9	5.4-26	22.1	13.2	8.9-15.2	15.6	6-25.5	28.4	14.3	10.2-16.3	16.2	5.5-26.4
4-5	13.1	14.4	9.9-16.1	20.0	7.7-29.6	6.6	13.1	9.7-15.4	19.4	7.6-28.8	20.3	14.7	10.2-16.3	20.4	8-29.9
5-6	6.1	14.7	10.7-16.3	24.6	11-32.6	1.8	13.4	10.5-15.2	23.7	11.7-31.7	11.5	15.1	10.8-16.3	24.2	11.3-32.7
6-7	2.6	14.7	11.7-16.4	29.5	15.3-34.8	0.5	13.5	11.4-15.1	30.0	18.4-34.3	5.5	15.3	11.8-16.3	27.3	15.7-34.7
7-8	0.9	14.8	12.5-16.4	32.4	20.8-37	0.1					2.3	15.1	12.6-16.3	31.8	21.2-36.8
8-9	0.3	15.2	13.2-16.5	33.8	25.7-39.3	0.0					0.7	15.4	13.2-16.4	33.6	25.9-39.1
9-10	0.0	15.3	13.7-16.7	35.6	29.7-41.1	0.0					0.1	15.5	14-16.4	36.0	30.4-40.7
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-93. Annual and Seasonal Wave Height Statistics for Grid 93

Grid 93															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	2.0	9.5	4.7-15.3	7.2	1.7-13.2	1.8	9.8	4.7-14.4	7.8	2.1-12.9	2.3	8.1	4.9-14.4	6.6	1.4-13.8
1-2	29.5	11.7	7.2-15.7	11.4	3.2-18.1	41.1	11.4	7.4-14.9	11.4	3.3-17.5	22.8	12.5	6-16.4	11.6	3.2-19.2
2-3	39.6	11.7	7.1-15.5	15.2	5-23.1	40.8	11.3	7.2-14.6	15.4	5.1-22.3	36.8	12.2	7-15.8	15.2	5-24
3-4	18.2	12.1	7.9-15.3	19.9	7.7-27.9	11.6	10.7	7.9-14.3	20.5	7.8-27.4	22.9	12.0	7.8-15.4	19.8	8-28.3
4-5	6.7	11.5	8.8-15.1	24.3	11.7-31.8	2.8	11.1	8.8-13.9	24.1	12.4-31.7	10.4	11.2	8.8-15.1	24.7	12-32.1
5-6	2.2	11.9	9.8-14.9	28.5	16.7-34.7	0.7	11.5	9.8-13.7	29.4	17.3-34.6	4.0	11.5	9.8-14.8	28.6	17-34.9
6-7	0.7	12.5	10.8-15	32.5	21.8-37.5	0.1	12.2	11-14.4	31.9	21.9-36.8	1.3	12.5	10.8-14.7	31.7	21.7-37.2
7-8	0.1	13.2	11.6-15.3	33.6	25.4-39.8	0.0					0.3	13.3	11.8-15.2	33.3	24.2-39
8-9	0.0	14.3	12.6-15.9	34.3	26.5-40.8	0.0					0.1				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-94. Annual and Seasonal Wave Height Statistics for Grid 94

Grid 94															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.0					0.0					0.0				
1-2	3.9	11.3	7.8-16	11.1	3.2-17	8.5	11.4	8.4-16.1	10.9	3.3-16.8	1.7	8.1	6.7-14.5	10.0	2.6-18
2-3	25.6	11.9	8.1-15.3	14.1	4.3-21.8	38.8	11.5	7.9-15.1	14.6	4.5-21.8	17.0	11.4	8.3-15.3	13.4	4.3-22.2
3-4	30.1	12.6	8.5-15.1	18.2	6.2-26.4	29.0	12.1	8.3-14.6	18.6	7-26.3	29.6	12.2	8.6-15.1	17.6	5.9-26.6
4-5	20.8	13.1	9.2-15.2	21.9	9-30.5	14.5	12.7	9.2-14.7	22.1	10.5-30.4	25.3	12.5	9.1-15.2	21.5	8.4-30.7
5-6	11.1	13.5	10-15.4	25.7	12.8-33	5.8	13.1	10.1-14.7	25.8	15.2-32.6	15.4	12.4	9.9-15.4	25.7	12.2-33.5
6-7	5.0	13.7	10.9-15.6	32.4	17.6-35.5	1.8	13.4	11.1-15	31.1	20.2-35.1	7.7	13.2	10.8-15.6	30.3	17-35.9
7-8	1.8	14.2	11.9-15.9	32.6	22.1-37.8	0.4	13.9	12-15.3	32.2	25.3-37.6	3.1	14.2	11.7-15.9	32.7	21.8-38
8-9	0.5	14.6	12.7-16.2	33.5	26.1-40.3	0.1	14.0	12.9-15.5	34.6	29.6-40.7	0.9	14.7	12.6-16.2	34.1	25.9-40
9-10	0.1	15.4	13.3-16.4	35.8	29.8-42.8	0.0					0.2	15.4	13.5-16.4	35.8	29.9-41.8
10-11	0.0	15.6	14.2-16.5	38.9	32.8-44.7	0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-95. Annual and Seasonal Wave Height Statistics for Grid 95

Grid 95															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	1.3	6.6	3.7-12.3	7.2	1.7-13.6	1.4	11.2	3.9-15.1	7.0	1.9-13.4	1.3	9.0	5.6-14.1	6.7	1.5-13.7
1-2	6.1	12.4	8.1-16.8	10.9	3.1-17.7	7.1	10.7	8.6-17.6	10.6	3.2-17	5.6	11.0	6.5-15	10.8	3-19.1
2-3	27.9	11.9	8.5-15.8	14.1	4.6-22.2	37.0	11.7	9.1-16.7	14.1	4.9-21.4	22.6	12.3	7.7-15.2	13.6	4.3-23.3
3-4	30.2	12.8	8.8-15.1	17.9	6.6-26.3	31.2	12.5	9.2-14.9	17.9	7.2-25.4	28.9	13.0	8.5-15.2	17.4	6-27
4-5	19.3	13.4	9.5-15.3	21.4	9.1-30.1	15.5	12.6	9.8-14.9	21.6	10.5-29.4	22.0	13.5	9.3-15.4	21.3	8.4-30.6
5-6	9.3	13.7	10.2-15.7	24.7	12.6-32.6	5.3	13.0	10.5-15	24.8	14.5-32.3	12.6	14.1	10.1-15.7	24.7	11.6-33.4
6-7	3.6	13.8	11.1-16	30.5	17-35.3	1.3	13.2	11.3-15.2	31.1	19.3-34.9	5.6	13.9	10.9-15.9	29.3	16-35.9
7-8	1.1	14.6	12-16.2	32.2	21.4-37.4	0.2	13.2	11.8-16.1	32.0	22.6-38.8	1.9	14.4	11.8-16.1	32.1	21.4-38
8-9	0.2	15.0	12.8-16.4	32.8	25.6-39.9	0.0					0.5	14.6	12.6-16.3	33.6	26.2-40.4
9-10	0.0	15.1	13.4-16.5	36.0	29.2-42.5	0.0					0.1				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-96. Annual and Seasonal Wave Height Statistics for Grid 96

Grid 96															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	4.9	7.5	4.6-11.8	8.9	2.2-13.7	5.1	7.1	4.4-10.7	8.9	2.2-13.8	4.5	7.2	4.5-10.7	8.6	2.1-13.8
1-2	41.6	7.1	5.3-11.6	13.4	3.8-20.2	49.8	7.2	5.3-10.9	13.4	3.7-20.2	34.6	7.3	5.4-11.6	13.4	3.8-20.3
2-3	33.4	7.6	6.2-11.6	19.7	7.1-25.9	31.4	7.5	6.1-10.8	20.0	7-26	35.4	7.7	6.3-11.8	19.7	7.4-25.9
3-4	12.5	8.6	7.4-11.7	24.7	11.7-30.8	9.1	8.6	7.4-11.1	24.8	12-30.8	16.3	8.6	7.4-11.7	24.5	12.2-30.7
4-5	4.5	9.8	8.6-12	28.7	17.1-34	2.7	10.0	8.6-11.7	28.4	17.9-33.8	6.5	9.9	8.6-12.1	28.3	17.4-33.9
5-6	1.6	10.9	9.7-12.5	32.6	22.4-36.8	0.8	10.8	9.6-12.2	32.0	22.4-36.9	2.5	11.0	9.7-12.6	32.0	21.9-36.4
6-7	0.5	11.7	10.6-13	33.7	26.4-39.7	0.2	11.7	10.4-13	33.2	26.5-40.1	0.8	11.9	10.6-13.2	33.9	25.4-38.7
7-8	0.1	12.6	11.3-13.6	36.3	29.7-42.1	0.0					0.2	12.7	11.4-14	35.1	28.9-41.5
8-9	0.0	13.3	11.9-14.3	38.3	32.8-44.8	0.0					0.1				
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-97. Annual and Seasonal Wave Height Statistics for Grid 97

Grid 97															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.0	9.4	5.1-15.2	9.0	2.8-13.1	0.1	7.9	4.7-14.8	8.5	2.5-13.3	0.0				
1-2	8.9	8.7	6.9-14.7	11.8	3.4-18.6	14.6	8.7	6.8-14.3	12.2	3.6-18.5	5.3	8.3	6.6-14.2	11.1	3-19.3
2-3	31.5	9.6	7.1-13.8	16.0	5.2-23.8	39.3	9.5	6.9-13	16.3	5.4-23.7	24.3	9.6	7.1-14	16.0	5-24.4
3-4	28.2	10.3	7.8-13.3	20.5	7.7-28.6	26.7	10.1	7.7-12.7	20.6	8.6-28.6	29.0	10.5	7.8-13.6	20.0	7.3-28.9
4-5	17.4	10.9	8.8-13.3	24.1	11.4-32.1	12.3	10.8	8.8-12.8	24.3	12.8-31.9	22.1	11.0	8.8-13.5	23.8	11-32.4
5-6	8.3	11.6	9.8-13.7	29.4	16-34.7	4.4	11.4	9.8-13.3	30.9	17.5-34.4	12.1	11.6	9.8-13.8	27.9	15.7-34.9
6-7	3.3	12.4	10.7-14.1	32.6	20.8-37.4	1.2	12.2	10.8-13.8	32.1	21.8-37.5	5.5	12.2	10.7-14.2	32.5	20.6-37.5
7-8	1.0	13.0	11.5-14.5	33.1	25.1-40.2	0.3	13.1	11.6-14.3	33.0	25.7-39.8	1.9	12.9	11.5-14.7	33.7	24.6-40.1
8-9	0.3	13.7	12.3-15	36.3	28.9-42.8	0.1					0.5	13.8	12.3-15.4	35.5	27.3-42.6
9-10	0.1	14.4	13-15.7	38.4	31.2-44.9	0.0					0.1	14.4	13-16	38.5	29.8-45.1
10-11	0.0	14.8	13.4-16.2	40.3	34.2-48.3	0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-98. Annual and Seasonal Wave Height Statistics for Grid 98

Grid 98															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.0					0.0					0.0				
1-2	2.6	9.9	7.6-13.2	11.7	3.3-18.5	4.5	9.9	7.7-13.3	11.7	3.5-18.3	1.0	8.5	6.9-12.8	10.7	2.8-19.2
2-3	21.6	10.9	7.8-13.3	15.6	5-23.5	30.1	10.8	7.8-12.8	15.5	5.4-23.3	12.4	11.1	7.3-13.4	15.5	4.7-24.4
3-4	30.6	11.7	8.3-13.7	19.6	7-27.8	33.6	11.3	8.2-13.3	19.6	7.7-27.5	26.1	11.9	8.2-13.9	19.6	6.6-28.2
4-5	22.9	12.2	9.1-14.2	23.3	9.7-31.3	19.7	11.6	9.1-13.7	23.6	11.4-31.1	26.6	12.4	9.1-14.3	23.1	8.9-31.6
5-6	12.6	12.6	10.1-14.5	27.3	13.4-33.8	7.9	12.0	10.1-14.1	28.5	16.1-33	18.5	12.7	10.1-14.7	26.6	12.3-34.2
6-7	5.7	12.8	11-14.9	32.5	17.9-36.3	2.4	12.6	11.1-14.6	31.9	21.1-35.8	10.0	13.0	11-15	32.2	17.2-36.4
7-8	2.1	13.5	11.9-15.4	32.6	22.4-38.9	0.6	13.6	11.8-14.9	32.3	25.6-39	4.2	13.6	11.9-15.4	33.2	22-38.7
8-9	0.7	14.2	12.6-15.8	34.8	26.6-41.3	0.1	13.8	11.8-15.1	35.7	29.7-43.6	1.4	14.1	12.6-15.8	34.9	26-41.2
9-10	0.2	14.7	13.3-16.2	37.4	30.2-44	0.0					0.4	14.7	13.1-16.3	37.2	29.2-43.9
10-11	0.0	15.3	13.8-16.6	40.1	32.9-46.6	0.0					0.1	15.2	13.8-16.5	40.0	33.9-46.7
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-99. Annual and Seasonal Wave Height Statistics for Grid 99

Grid 99															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.0	9.4	5-13.7	9.5	2.7-14.5	0.1	9.6	4.2-13.9	10.5	3.1-14.6	0.0	8.6	5.3-13.7	8.6	3.4-15
1-2	2.0	10.7	7.8-13.7	12.1	3.8-18.4	4.6	10.9	8-13.5	12.0	3.9-18	0.4	8.4	6.8-13.4	11.2	3.1-19.4
2-3	18.4	11.9	7.8-14.3	15.7	5.1-23.4	31.2	11.7	7.8-14	15.4	5.2-23.2	7.4	11.9	7.2-14.7	16.4	5-24.6
3-4	27.5	12.3	8.2-14.6	19.8	7.2-27.7	33.2	12.0	8-14.2	19.6	7.5-27.7	20.0	12.7	8.1-14.9	19.9	6.9-28.1
4-5	23.2	12.7	9-14.8	23.5	10-31.4	19.0	12.0	8.9-14.3	23.4	11.2-31.3	25.5	13.2	9.1-15.1	23.4	9.2-31.4
5-6	14.9	13.0	10-15.1	27.2	13.7-33.7	7.7	12.2	10-14.4	28.4	16.1-33.3	21.9	13.3	10.1-15.3	26.6	12.5-33.8
6-7	7.9	13.2	11-15.4	32.6	18-36.1	2.5	12.8	11-14.8	31.7	21.6-36	14.4	13.4	11-15.6	31.9	16.8-36.1
7-8	3.4	13.7	12-15.7	32.6	22.4-38.3	0.7	13.2	11.8-15.3	32.5	26-39.1	7.1	13.9	12-15.9	33.2	21.4-38.2
8-9	1.2	14.4	12.8-16	34.7	26.4-40.6	0.1	14.0	12.5-15.4	35.4	29.5-42	2.8	14.4	12.8-16.2	34.9	25.8-40.3
9-10	0.4	14.9	13.4-16.4	37.3	30-43	0.0					0.9	14.9	13.4-16.5	37.2	29.7-42.6
10-11	0.1	15.4	13.9-16.6	39.7	33-45.6	0.0					0.2	15.4	13.6-16.9	39.7	32.7-45.3
11-12	0.0	15.4	12.3-16.7	43.5	35.5-48.4	0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-100. Annual and Seasonal Wave Height Statistics for Grid 100

Grid 100															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.0					0.0					0.0				
1-2	1.5	11.0	8-14.8	11.4	3.3-17.8	3.1	10.7	8.6-14.1	11.4	3.7-17.9	0.5	8.2	6.7-15.9	8.8	2.4-19.6
2-3	15.7	12.0	8.5-14.9	15.0	4.8-22.5	25.6	11.5	8.7-14.3	15.2	5-22.5	8.0	12.0	7.3-15.5	15.0	4.5-23.9
3-4	26.2	12.5	8.8-15.1	18.9	6.8-26.5	32.8	12.1	8.7-14.5	18.9	7.4-26.6	20.1	13.2	8.9-15.6	18.6	6.2-26.8
4-5	24.3	13.0	9.5-15.2	22.5	9.4-30.2	22.0	12.3	9.4-14.6	22.9	11-30.3	24.8	13.6	9.7-15.7	21.9	8.4-30.1
5-6	16.6	13.4	10.4-15.4	25.8	12.6-32.7	10.4	12.6	10.3-14.7	26.5	15.7-32.5	21.9	13.8	10.5-15.7	24.9	11.4-32.9
6-7	9.1	13.7	11.3-15.7	32.1	16.5-35.2	3.7	13.0	11.3-15	31.9	20.5-35	14.6	14.0	11.3-15.8	29.7	15.4-35.2
7-8	3.9	14.3	12.2-15.9	32.6	20.9-37.6	1.1	13.8	12.1-15.2	32.3	25.1-38	7.2	14.4	12.2-16	32.6	20.1-37.4
8-9	1.3	14.6	13-16.3	33.3	25.3-39.9	0.3	14.0	12.5-15.4	34.8	29.1-41.7	2.7	14.7	13.1-16.2	34.2	24.9-39.6
9-10	0.4	15.2	13.6-16.5	36.4	29.5-42.3	0.1					0.8	15.1	13.7-16.4	36.6	29.1-42.1
10-11	0.1	15.5	14.1-16.7	39.0	32.6-45.1	0.0					0.2	15.4	13.9-16.5	39.5	32.3-45.5
11-12	0.0	15.7	14.6-16.7	42.1	37.1-48.6	0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-101. Annual and Seasonal Wave Height Statistics for Grid 101

Grid 101															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	1.1	10.2	5.8-15.2	7.0	1.6-13.8	1.3	10.3	6.5-15.4	7.9	1.9-13.7	1.1	9.1	5.6-13.3	6.6	1.6-13.9
1-2	8.3	11.8	7.9-15.3	11.0	3.1-18	12.4	11.4	8.5-14.5	11.1	3.3-18	6.7	10.2	6.7-15.1	10.0	2.6-18.6
2-3	28.6	12.5	8.2-15.4	14.3	4.5-22.5	36.3	11.9	7.9-14.7	14.3	4.6-22.9	25.5	13.1	8.4-16.2	14.0	4.4-22.3
3-4	28.4	13.2	8.4-15.5	18.5	6.4-27	27.5	12.4	8.1-14.7	18.9	6.8-27.4	29.0	13.6	8.8-16	18.0	6.1-26.5
4-5	17.5	13.4	9.2-15.6	22.7	9.7-30.8	13.7	12.3	9-14.8	23.3	10.3-31	19.4	13.8	9.3-15.9	22.3	9.3-30.5
5-6	8.9	13.6	10.1-15.7	26.5	13.7-33.3	5.4	12.4	10.1-14.8	27.8	15.7-33.1	10.7	14.1	10.1-16	25.8	13-33.4
6-7	4.0	13.8	11.2-15.9	32.2	18-35.6	1.8	13.1	11.2-14.9	31.8	21.2-35.6	5.3	14.1	11.1-16.1	30.5	17-35.6
7-8	1.5	14.3	12.2-16	32.7	22-37.8	0.5	14.0	12.1-15	32.3	25.7-37.6	2.2	14.5	12.2-16	32.8	21.5-37.7
8-9	0.5	14.8	13-16.3	33.8	26-39.9	0.1	14.2	12.8-15.1	34.7	29.4-40.2	0.8	14.9	13.1-16.1	34.1	25.4-39.7
9-10	0.1	15.2	13.7-16.5	36.5	29.2-42	0.0					0.2	15.0	13.7-16.5	36.3	29-41.6
10-11	0.0	15.4	14.1-16.8	38.9	32.5-44.9	0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-102. Annual and Seasonal Wave Height Statistics for Grid 102

Grid 102															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.6	9.6	4.7-15.1	7.5	1.7-13.5	0.7	9.9	4.3-14.8	8.3	2.2-13.9	0.5	9.4	5.8-15.4	7.7	1.5-13.8
1-2	8.6	12.0	7.5-15.6	11.2	3.2-17.4	15.5	11.5	7.7-15.4	11.0	3.2-17.2	4.9	10.1	6.7-15.7	11.0	2.7-18.1
2-3	31.0	12.5	7.6-15.3	14.8	4.4-22.4	40.9	11.7	7.5-14.9	14.8	4.6-22.4	23.8	12.5	7.8-15.7	14.3	4.3-22.4
3-4	28.3	12.6	8.2-15.2	19.2	6.4-27	24.7	11.8	8-14.4	19.9	6.8-27.1	29.7	12.1	8.4-15.4	18.4	6.3-26.8
4-5	16.5	12.7	9-15.2	23.2	9.6-30.9	10.9	11.9	8.9-14.3	23.9	10.7-31.2	20.8	12.2	9.1-15.3	22.6	9.3-30.8
5-6	8.2	13.1	10-15.3	27.1	14.1-33.5	4.2	12.3	9.9-14.4	28.4	16.4-33.4	11.7	12.4	9.9-15.4	26.8	13.3-33.8
6-7	3.7	13.4	11-15.4	32.6	19.1-35.9	1.4	13.1	11-14.7	31.5	21.3-36	5.8	13.2	10.9-15.5	31.5	18.4-36
7-8	1.5	14.1	12-15.6	32.8	23.6-38.1	0.4	13.7	11.9-15.2	32.2	23.9-38.4	2.6	13.9	11.9-15.7	33.0	23.4-38.1
8-9	0.5	14.7	12.8-15.9	34.4	27.6-40.3	0.1	13.6	12.5-15.8	36.3	28.8-41.5	0.9	14.9	12.8-15.8	34.4	27.4-40
9-10	0.1	15.2	13.5-16.3	36.9	31.1-42.6	0.0					0.2	15.0	13.4-16.1	37.1	31.3-42.1
10-11	0.0	15.4	14-16.3	39.8	34-45.5	0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-103. Annual and Seasonal Wave Height Statistics for Grid 103

Grid 103															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	3.7	7.7	4.1-12.7	9.9	2.6-15.3	3.8	7.3	4.2-11.1	10.4	2.7-15.6	3.6	7.2	4.1-12.5	9.8	2.7-15.6
1-2	16.1	10.2	6.5-14.7	12.6	3.9-19.5	17.8	10.0	6.9-15.1	12.3	3.9-19.2	15.3	10.1	5.9-13.8	12.6	3.9-20.2
2-3	23.8	10.4	7.2-13.8	17.4	6.3-24.5	27.7	9.9	7.4-14	17.4	6.5-24.4	22.9	10.7	6.9-13.9	17.5	6.1-25.1
3-4	21.7	11.0	8.1-13.6	22.0	9.6-28.9	24.6	10.6	8.1-13.1	21.9	10.5-28.7	21.1	11.2	8-13.8	22.2	9.3-29.4
4-5	15.9	11.6	9.1-13.8	25.9	13.3-32.5	15.1	11.1	9-13.6	25.7	14.4-32.1	16.2	11.9	9.1-14	25.5	12.7-32.7
5-6	9.8	12.2	10.1-14.2	29.2	17.1-35.2	6.8	12.0	10-14.3	28.4	18.2-34	10.9	12.5	10.1-14.5	28.4	15.8-35.1
6-7	5.1	12.9	11-14.8	33.3	20.6-37.2	2.4	12.8	11.1-15	31.9	21-36.2	6.4	13.2	11-15	32.6	19.1-37.1
7-8	2.1	13.6	12-15.4	33.2	23.8-39.2	0.6	13.7	11.9-15.6	32.3	24.3-39	3.1	13.6	12-15.4	33.4	22.6-39.1
8-9	0.6	14.4	12.7-15.8	35.0	27-41.5	0.1	14.2	12.6-16.1	33.6	28.3-41.8	1.0	14.4	12.7-15.7	35.2	26.1-41.6
9-10	0.1	14.8	13.4-16.2	37.8	30.2-44	0.0					0.3	14.8	13.3-16	37.9	30.4-43.9
10-11	0.0	15.4	13.7-16.2	40.7	33.6-46.9	0.0					0.1				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

Table F-104. Annual and Seasonal Wave Height Statistics for Grid 104

Grid 104															
Hs (m)	Annual					Winter (Dec-Feb)					Summer (Jun-Aug)				
	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range	% Prob	Tp (sec)	Tp Range	Wind (kt)	Wind Range
0-1	0.6	9.3	4.4-14.1	8.1	2.2-13.8	0.7	9.0	4.2-13	9.2	2.6-14.3	0.6	9.0	5.1-13.1	8.8	2.1-14.4
1-2	12.3	8.8	6.5-14.5	12.0	3.4-19.1	16.6	9.1	6.7-14	11.8	3.4-18.9	11.1	8.5	6.2-14.6	12.1	3.2-19.6
2-3	35.7	9.5	7-14.3	16.5	5.6-24.1	43.7	9.0	6.9-13.7	16.5	5.8-24	30.1	9.6	6.9-14.7	16.7	5.5-24.5
3-4	27.6	9.7	7.8-14.2	21.4	8.9-28.5	25.1	9.4	7.7-13.4	21.4	9.7-28.7	28.3	9.9	7.8-14.5	21.4	8.5-28.9
4-5	14.1	10.4	8.8-14	25.5	13-32.2	9.1	10.2	8.7-13.2	25.6	14.6-32.2	17.9	10.5	8.8-14.3	25.3	12.7-32.3
5-6	5.9	11.2	9.7-14	30.9	17.7-35	2.8	11.0	9.7-13.2	31.5	19.5-35.3	8.6	11.3	9.8-14.2	29.4	16.9-34.9
6-7	2.0	12.0	10.7-14.2	32.8	22.2-37.8	0.8	11.9	10.6-13.4	32.4	24-38.7	3.2	12.0	10.7-14.6	32.8	20.9-37.4
7-8	0.6	12.9	11.5-14.7	33.9	26.5-40.3	0.2	12.5	11.3-13.6	34.7	28.1-41.9	0.9	13.1	11.6-15.2	33.9	24.5-39.5
8-9	0.1	13.5	12.3-15.1	36.9	28.9-42.6	0.0					0.2	13.9	12.4-15.8	36.0	27.4-41.5
9-10	0.0					0.0					0.0				
10-11	0.0					0.0					0.0				
11-12	0.0					0.0					0.0				
12-13	0.0					0.0					0.0				
13+	0.0					0.0					0.0				

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Table G-1. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 1

Grid 1

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	14.7	0.1	0	0	0	0	0	0
4-6	25.1	16.3	1.2	0	0	0	0	0
6-8	23.1	40.9	33.6	9.6	0.4	0	0	0
8-10	15.3	21	37.1	47.7	32.5	8.2	0.6	0
10-12	13.2	10.9	15.3	27.3	44.3	55.7	41.5	15.5
12-14	5.7	6.9	8.2	10.8	17.6	29.1	45.3	60.8
14-16	2.1	2.8	3.6	3.8	4.6	6.3	11.6	21.9
16-18	0.6	0.8	0.9	0.7	0.6	0.6	0.9	1.8
18-20	0.2	0.2	0.1	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	29.4	0.1	0	0	0	0	0	0
4-6	13.3	13.7	1.4	0	0	0	0	0
6-8	13.8	30.7	28.6	10.1	0.5	0	0	0
8-10	6.7	15.9	31.6	40.9	29.5	8.2	0.7	0
10-12	12.2	11.8	15.5	27.1	41.7	51.3	38.9	14.6
12-14	14.8	16.5	13.6	14.7	21.4	32.1	46.3	59.8
14-16	6.8	8.2	7.2	5.8	6.1	7.8	13.2	23.8
16-18	2.2	2.5	1.8	1.2	0.8	0.6	0.9	1.8
18-20	0.8	0.7	0.3	0.1	0	0	0	0
20-22	0.1	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	10.1	0.1	0	0	0	0	0	0
4-6	28.6	19	0.5	0	0	0	0	0
6-8	26.8	46.5	47.7	8.7	0	0	0	0
8-10	19	22.4	41.2	70.4	42.4	6.8	0	0
10-12	11.5	8.8	8.3	18.5	51.3	78	54.6	17.4
12-14	2.8	2.4	1.8	2.1	6.1	15.1	43.4	73.2
14-16	0.8	0.7	0.4	0.3	0.1	0.2	2	9.4
16-18	0.3	0.1	0	0	0	0	0	0
18-20	0.1	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-2. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 2

Grid 2

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	18	0.1	0	0	0	0	0	0
4-6	25.3	23.1	1.5	0	0	0	0	0
6-8	21.4	40.5	44.3	13.9	0.4	0	0	0
8-10	16.2	20.7	33	52.1	44.1	12	0.7	0
10-12	10.1	11.1	15.6	25.7	41.4	63.9	55.9	23.5
12-14	5.2	3.5	5	7.4	12.6	21.4	37.5	63.9
14-16	2.5	0.8	0.6	0.9	1.5	2.7	5.9	12.5
16-18	1.2	0.2	0	0	0	0	0	0
18-20	0.3	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	32.5	0.2	0	0	0	0	0	0
4-6	24.5	31.3	2.3	0	0	0	0	0
6-8	8.8	32.5	47.3	17.4	0.6	0	0	0
8-10	8.2	11	23.4	47	44.5	12.5	1	0
10-12	15.1	15.5	16.1	22.4	35.3	56.8	48.9	20.8
12-14	8.2	7.8	9.4	11.4	16.9	26.3	41.8	63.8
14-16	2	1.5	1.4	1.8	2.6	4.4	8.3	15.5
16-18	0.5	0.2	0.1	0.1	0	0	0	0
18-20	0.1	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	9.1	0.1	0	0	0	0	0	0
4-6	24.8	19.7	0.7	0	0	0	0	0
6-8	29.4	44.2	43.3	10.2	0.1	0	0	0
8-10	20.4	27.4	42.3	58.2	43.5	12.9	0.1	0
10-12	7	6.6	12.3	28.6	49.7	73.9	77.6	45.7
12-14	4.7	1.2	1.2	2.9	6.5	12.1	18.8	44.9
14-16	2.8	0.6	0.1	0.1	0.2	1	3.5	9.4
16-18	1.4	0.2	0	0	0	0	0	0
18-20	0.4	0.1	0	0	0	0	0	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-3. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 3

Grid 3

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	12.4	0.1	0	0	0	0	0	0
4-6	14.9	11	1.3	0	0	0	0	0
6-8	23.5	27	21.8	8.1	0.7	0	0	0
8-10	26.2	38	38	34.4	24	8.4	0.9	0
10-12	12.8	17.7	29.8	41.5	47.8	50.5	40.8	18.5
12-14	5.7	4.6	7.6	14	24	34.9	47.8	63.3
14-16	3	1.2	1.2	1.9	3.3	5.9	9.9	17
16-18	1.2	0.4	0.2	0.2	0.2	0.3	0.6	1.1
18-20	0.2	0.1	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	24.1	0.2	0	0	0	0	0	0
4-6	14.4	15.6	1.8	0	0	0	0	0
6-8	6.9	14.5	17.7	8.2	0.8	0	0	0
8-10	13.4	21.9	23.7	23.4	19.7	7.6	0.9	0
10-12	22.8	29.8	37.7	44	45	45.1	36.9	16.4
12-14	12.8	14	15.8	20.8	29.5	39.4	49.6	63.3
14-16	4.2	3.3	2.8	3.3	4.5	7.4	11.7	18.7
16-18	1.1	0.6	0.4	0.4	0.4	0.4	0.9	1.5
18-20	0.2	0.1	0.1	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	7	0	0	0	0	0	0	0
4-6	15.4	9	0.8	0	0	0	0	0
6-8	32.2	34	27.6	8.1	0.3	0	0	0
8-10	29.2	43.8	50.3	54.2	36.7	10.7	0.6	0
10-12	7.5	10.7	19.1	33.1	51.5	67	57	22
12-14	3.8	1.4	1.8	4.1	10.1	20.1	36.4	59.2
14-16	3.3	0.7	0.3	0.5	1.4	2.2	6	18.9
16-18	1.4	0.3	0.1	0	0	0	0	0
18-20	0.2	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-4. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 4

Grid 4

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3.7	0	0	0	0	0	0	0
4-6	19.9	11.5	0.8	0	0	0	0	0
6-8	28.7	32.6	24.2	7.2	0.4	0	0	0
8-10	25.9	29.7	34.1	36	25.1	7.6	0.6	0
10-12	14	17.5	25.9	33.1	41.5	48.6	38	14.8
12-14	4.8	6.2	11.1	17.6	24	31.2	44.3	59.3
14-16	2.1	1.9	3.1	5.3	8	11.2	15.3	23.4
16-18	0.8	0.5	0.5	0.7	1	1.3	1.8	2.4
18-20	0.2	0.1	0.1	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	5.4	0	0	0	0	0	0	0
4-6	11.8	8.1	0.9	0	0	0	0	0
6-8	14.8	17.9	16.6	6.6	0.5	0	0	0
8-10	15.6	23	26.7	27.7	21.8	7.6	0.7	0
10-12	25.3	24.2	28.9	32.7	38.4	44.7	35.6	14.1
12-14	17.4	17.9	18.6	23	27.3	32.7	44.2	57.2
14-16	6.7	6.6	6.8	8.3	10.4	13.3	17.2	25.9
16-18	2.3	1.7	1.3	1.4	1.5	1.7	2.2	2.9
18-20	0.7	0.4	0.2	0.1	0.1	0	0	0
20-22	0.1	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3.2	0	0	0	0	0	0	0
4-6	21.6	13.6	0.7	0	0	0	0	0
6-8	31.4	38.5	36.4	8.4	0.1	0	0	0
8-10	28.6	31.2	40.6	57	37.2	7.3	0.1	0
10-12	10.7	13.5	17.7	26.3	45.2	59.2	44.1	13.2
12-14	2.4	2.4	3.8	6.9	14.5	27.3	41.1	55.4
14-16	1.4	0.6	0.7	1.4	2.9	6	14.4	30.9
16-18	0.5	0.2	0.1	0	0.1	0.3	0.3	0.5
18-20	0.1	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-5. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 5

Grid 5

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	57.3	0.1	0	0	0	0	0	0
4-6	38.3	61.9	1.8	0	0	0	0	0
6-8	4.2	36.4	84.9	30.3	0.2	0	0	0
8-10	0.2	1.6	13.2	68.9	90.8	34.4	0.4	0
10-12	0	0	0.1	0.8	9.1	65.5	99.6	0
12-14	0	0	0	0	0	0.1	0	0
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	54.4	0.2	0	0	0	0	0	0
4-6	38.4	57.9	2.1	0	0	0	0	0
6-8	6.6	39.4	83	29.9	0.2	0	0	0
8-10	0.6	2.5	14.9	69.2	91	33.1	0.6	0
10-12	0	0	0.1	0.8	8.8	66.8	99.4	0
12-14	0	0	0	0	0	0.1	0	0
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	60.7	0.1	0	0	0	0	0	0
4-6	36.8	67.9	1.2	0	0	0	0	0
6-8	2.5	31.5	89.2	28.1	0.4	0	0	0
8-10	0.1	0.5	9.5	71.3	93.8	0	0	0
10-12	0	0	0	0.7	5.8	0	0	0
12-14	0	0	0	0	0	0	0	0
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-6. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 6

Grid 6

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	14.1	0	0	0	0	0	0	0
4-6	9.9	7.4	0.9	0	0	0	0	0
6-8	14.1	16.9	15.1	5.9	0.3	0	0	0
8-10	16.6	34.5	31.1	25.4	17.9	6.1	0.4	0
10-12	11.1	21.1	36.3	41.5	44.1	43.2	32.1	10.7
12-14	12	7.6	12.6	20.4	27.5	37.5	50.5	62
14-16	11.6	6.5	2.9	5.4	8.1	10.5	14.4	23.5
16-18	7.8	4.4	0.8	1.2	1.9	2.5	2.5	3.7
18-20	2.2	1.2	0.2	0.2	0.2	0.2	0.2	0.1
20-22	0.6	0.3	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	26.4	0.1	0	0	0	0	0	0
4-6	15.1	11.5	0.9	0	0	0	0	0
6-8	7.2	10.1	11.8	5.3	0.3	0	0	0
8-10	17.6	21.8	16.9	16.9	14.5	5.3	0.3	0
10-12	21.5	37.1	42.5	42	41.6	40.3	29.7	9.3
12-14	8.3	13.6	20.5	26.2	32.1	40.6	52.5	63.1
14-16	3	3.9	5.4	7.4	8.8	10.7	14.1	23.1
16-18	0.8	1.3	1.5	1.8	2.3	2.9	3.2	4.5
18-20	0.1	0.5	0.5	0.3	0.3	0.3	0.2	0.1
20-22	0	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	8.7	0	0	0	0	0	0	0
4-6	7.7	5	0.6	0	0	0	0	0
6-8	16.9	21.1	20.6	5.9	0.1	0	0	0
8-10	11.8	35.4	46	44.1	27.2	6.1	0.3	0
10-12	7.3	12.4	26.3	38.3	53.2	58.9	38.6	16.9
12-14	15.9	6.6	4.9	11	18.1	29.6	60.4	82.9
14-16	16.5	10	1.1	0.7	1.3	5.4	0.7	0.2
16-18	11.1	7.2	0.4	0	0.1	0	0	0
18-20	3.1	1.9	0.1	0	0	0	0	0
20-22	1	0.5	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-7. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 7

Grid 7

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.8	0	0	0	0	0	0	0
4-6	10.4	5.1	0.7	0	0	0	0	0
6-8	18.1	21.2	17	5.2	0.3	0	0	0
8-10	17	33	35.6	29.2	18	6	0.4	0
10-12	12.4	17.8	29.7	37.3	42.5	43.1	31.7	10.3
12-14	14.8	8.8	12	19.9	25.8	33	45.6	57.5
14-16	12.9	7.9	3.6	6.5	10.6	13.8	17.6	26.6
16-18	9	4.8	1.1	1.5	2.4	3.8	4.3	5.3
18-20	2.8	1.1	0.3	0.2	0.3	0.3	0.3	0.3
20-22	0.7	0.3	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	4.1	0	0	0	0	0	0	0
4-6	7.7	5	0.6	0	0	0	0	0
6-8	10.1	13.1	10.6	4.5	0.3	0	0	0
8-10	23	22.5	19.6	19	14.4	5.6	0.5	0
10-12	33.9	32.8	35.6	36.4	38.5	39.3	29.8	10.1
12-14	13.8	17.3	22.8	27	29.8	34.6	45.6	56.9
14-16	5.1	6.3	7.7	10.1	13.1	15	18.1	26.1
16-18	1.7	2.1	2.3	2.6	3.5	4.9	5.5	6.3
18-20	0.4	0.7	0.7	0.4	0.4	0.4	0.5	0.5
20-22	0.1	0.2	0.2	0.1	0	0.1	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.6	0	0	0	0	0	0	0
4-6	10.9	4.9	0.6	0	0	0	0	0
6-8	18.8	23.4	23.4	5.5	0.2	0	0	0
8-10	13.6	33.1	48.2	48.8	26.7	6.2	0.1	0
10-12	9.7	12.4	21.5	36.6	56.8	63.4	47.9	17.9
12-14	16.6	7.9	4.2	7.9	15.3	28.1	46.9	74
14-16	14.6	10	1.5	1.2	1	2.3	5.2	8.1
16-18	10	6.3	0.7	0.1	0	0	0	0
18-20	3.3	1.6	0.1	0	0	0	0	0
20-22	0.9	0.4	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-8. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 8

Grid 8

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	19.8	0.1	0	0	0	0	0	0
4-6	19.9	10.8	0.9	0	0	0	0	0
6-8	27.5	37.3	24.2	7.4	0.5	0	0	0
8-10	18	37.2	45.2	41.8	27.4	8.3	0.6	0
10-12	9.1	11.3	24.7	40.8	54.3	61.8	50.6	20.6
12-14	3.5	2.3	4.4	9.2	16.5	27.6	44.2	69.6
14-16	1.4	0.7	0.5	0.8	1.4	2.3	4.5	9.6
16-18	0.7	0.2	0	0	0	0	0.1	0.1
18-20	0.2	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	38.9	0.2	0	0	0	0	0	0
4-6	21.8	23	1.5	0	0	0	0	0
6-8	9.3	23.7	21.3	7.5	0.6	0	0	0
8-10	11.2	25.3	35.1	32.6	23.9	8.2	0.7	0
10-12	12.8	20.5	33.1	46.6	54.4	58.6	48.3	20.2
12-14	5	6.4	8.3	12.3	19.8	30.7	45.8	69
14-16	0.8	0.9	0.7	0.9	1.3	2.4	5.1	10.7
16-18	0.1	0.1	0	0	0	0.1	0.1	0.2
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	7.8	0	0	0	0	0	0	0
4-6	20.8	9.5	0.8	0	0	0	0	0
6-8	41.8	45.3	32.4	8.5	0.2	0	0	0
8-10	18.3	37	52.3	62.6	42.6	10.9	0.7	0
10-12	5.3	6.2	13.2	26	50.2	72	63.7	31.2
12-14	2.8	1.1	1.2	2.8	6.5	15.6	32.1	62.5
14-16	1.8	0.6	0.1	0.2	0.4	1.5	3.5	6.4
16-18	1	0.3	0	0	0	0	0	0
18-20	0.3	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-9. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 9

Grid 9

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	14.9	0	0	0	0	0	0	0
4-6	11	4.9	0.4	0	0	0	0	0
6-8	20.7	25.1	14	3.7	0.2	0	0	0
8-10	27.7	45.2	42.9	30.1	14.4	3.8	0.3	0
10-12	14.6	18.2	32.4	45.8	49.1	41.6	27	7.7
12-14	7	4.5	8.3	17.3	30.4	44	55.1	62.3
14-16	3	1.5	1.7	2.8	5.4	9.9	16.4	27.9
16-18	0.9	0.5	0.2	0.3	0.4	0.7	1.2	2
18-20	0.2	0.1	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	22.7	0.1	0	0	0	0	0	0
4-6	11.7	9.4	0.4	0	0	0	0	0
6-8	6.7	8.4	7.8	3	0.3	0	0	0
8-10	10.1	20.9	22.5	17	10.5	3.6	0.4	0
10-12	21.2	32.6	41.8	48.7	45.2	36.2	24.5	7.3
12-14	17.8	20.2	20.8	25.7	36	47.1	54.8	60.2
14-16	7.7	6.7	5.7	5	7.3	12	18.6	29.8
16-18	1.7	1.4	0.8	0.6	0.7	1.1	1.7	2.7
18-20	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	11	0	0	0	0	0	0	0
4-6	11.9	4.8	0.5	0	0	0	0	0
6-8	29.2	31.6	19.8	4.2	0.1	0	0	0
8-10	32.8	49.4	55.8	51.2	24.6	4.2	0.2	0
10-12	8.9	11.6	21.4	37.5	58.8	62.5	38.1	10
12-14	3.3	1.5	2.1	6.1	14.3	29.2	53.6	73.2
14-16	1.9	0.8	0.3	0.8	2	4.1	7.9	16.8
16-18	0.6	0.3	0	0.1	0.1	0.1	0.2	0.1
18-20	0.3	0.1	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-10. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 10

Grid 10

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	29.6	0.1	0	0	0	0	0	0
4-6	20	20.7	1	0	0	0	0	0
6-8	11.5	18.3	21.1	5	0.2	0	0	0
8-10	19	25.1	22	20.7	10.7	2.1	0.1	0
10-12	11.9	23.6	30.9	31.5	29.3	23.9	10.4	1.5
12-14	5	9.2	19.6	32.1	41.3	46.1	48.9	39.8
14-16	2.2	2.4	4.8	9.6	16.8	25.1	35.8	50.5
16-18	0.7	0.5	0.6	0.9	1.6	2.8	4.7	8.2
18-20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	31.1	0.1	0	0	0	0	0	0
4-6	22.4	26.5	1.4	0	0	0	0	0
6-8	6.6	16.3	23.9	5.8	0.2	0	0	0
8-10	10.1	9.4	11.3	16.5	9.9	1.9	0.1	0
10-12	14.5	22.6	24.9	24	23.5	20.5	9	1.4
12-14	9.4	17.9	28.5	37.9	43.1	45.4	46.7	36.9
14-16	4.3	5.8	8.7	14.1	20.8	28.4	38.5	52.8
16-18	1.2	1.1	1.2	1.6	2.4	3.6	5.6	8.9
18-20	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	28.9	0	0	0	0	0	0	0
4-6	19.2	14.3	0.4	0	0	0	0	0
6-8	14.9	20.6	17	3.4	0.1	0	0	0
8-10	24.2	42.5	43	37.1	16.1	2.7	0	0
10-12	8.1	19.7	33	44.4	50.8	47.4	27.6	17.1
12-14	2.7	2.2	5.6	12.7	27.2	38.7	54.6	52.4
14-16	1.5	0.5	0.9	2.2	5.8	11	17.7	30.6
16-18	0.5	0.1	0.1	0.2	0.1	0.1	0.1	0
18-20	0.1	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-11. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 11

Grid 11

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	21.3	0.1	0	0	0	0	0	0
4-6	42.9	35.5	1.8	0	0	0	0	0
6-8	19.7	42.4	60.2	20.1	0.4	0	0	0
8-10	8.1	12.1	24.8	61.4	60.5	16.5	0.7	0
10-12	4.6	6.3	8.5	12.2	30.8	68.9	63.1	24.1
12-14	2.2	2.6	3.5	4.7	5.8	11	28.9	59.1
14-16	0.9	0.9	1.1	1.5	2.2	3.3	6.4	15.3
16-18	0.2	0.1	0.1	0.2	0.2	0.4	0.9	1.5
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	21.9	0.1	0	0	0	0	0	0
4-6	37.9	33.9	2.3	0	0	0	0	0
6-8	17.8	39	58.9	22	0.5	0	0	0
8-10	8.2	12.6	23.3	59.2	62.3	18.6	0.9	0
10-12	5.9	7.7	9.3	11.7	28.8	67.3	65.8	27.3
12-14	4.6	4.2	4.1	4.9	5.6	9.8	25.3	54.7
14-16	2.8	2.1	1.7	2	2.5	3.7	6.8	15.9
16-18	0.9	0.3	0.3	0.3	0.3	0.5	1.2	2
18-20	0.1	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	22.5	0.1	0	0	0	0	0	0
4-6	46.5	39.9	0.7	0	0	0	0	0
6-8	20	46.4	68.5	13.6	0.1	0	0	0
8-10	7.1	10.2	27.4	79.2	68.2	13	0.8	0
10-12	2.9	2.7	2.7	6.1	30.6	85	83.7	0
12-14	0.7	0.6	0.6	0.9	0.7	1.7	15.5	0
14-16	0.2	0.1	0.1	0.2	0.3	0.3	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-12. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 12

Grid 12

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.2	0	0	0	0	0	0	0
4-6	11.3	7.6	0.9	0	0	0	0	0
6-8	33.9	30.7	21.8	7.5	0.4	0	0	0
8-10	27	38.1	40.1	37.7	26.8	8.7	0.5	0
10-12	12.6	16.1	28.5	40.4	50.4	57.4	47.2	18.6
12-14	6.9	4.7	6.8	12	18.6	27.7	42.4	64.3
14-16	4.4	1.9	1.5	2.1	3.4	5.6	8.9	15.3
16-18	2.1	0.7	0.3	0.3	0.4	0.5	1	1.7
18-20	0.5	0.1	0.1	0	0	0	0	0.1
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.2	0	0	0	0	0	0	0
4-6	5.8	4.5	0.9	0	0	0	0	0
6-8	19.8	20.3	14.2	6.8	0.4	0	0	0
8-10	35.8	37.3	33.7	29	23.5	8.6	0.5	0
10-12	27.7	28.4	38.3	45.2	50	55.7	47.6	19.6
12-14	7.4	7.3	10.6	15.9	21.6	29.1	42.1	63.6
14-16	1.9	1.8	1.9	2.7	4	5.9	8.7	14.6
16-18	0.4	0.4	0.3	0.4	0.4	0.6	1	2
18-20	0.1	0.1	0.1	0	0	0	0	0.1
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.3	0	0	0	0	0	0	0
4-6	12.1	8.8	0.6	0	0	0	0	0
6-8	34.2	35.1	32	7.8	0.1	0	0	0
8-10	24.3	36	45.6	57.7	36.6	7.2	0.4	0
10-12	11.7	11.7	16.3	28.3	51.4	69.9	56.3	26.2
12-14	7.9	4.7	3.5	4.5	9.7	18.9	39.5	64.2
14-16	5.2	2.5	1.5	1.2	1.9	3.8	3.8	9.6
16-18	2.5	1	0.5	0.4	0.3	0.2	0	0
18-20	0.6	0.2	0.1	0.1	0	0	0	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-13. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 13

Grid 13

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.7	0	0	0	0	0	0	0
4-6	10.3	2.3	0.5	0	0	0	0	0
6-8	12.1	17.5	13.9	4.1	0.3	0	0	0
8-10	11	32.2	34.9	25.6	14.3	5	0.5	0
10-12	11.9	18.9	29.5	36.3	37.9	35	24.6	8.2
12-14	19.4	11.2	13.9	22.8	29.9	36	43.6	48.7
14-16	18.8	10.3	5.2	8.9	14	19	24.9	34.6
16-18	12.2	5.8	1.6	2	3.1	4.6	6.2	8.2
18-20	2.9	1.4	0.4	0.3	0.3	0.3	0.3	0.3
20-22	0.6	0.4	0.1	0	0	0	0	0
22-24	0.1	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	48.7	0	0	0	0	0	0	0
4-6	25.3	1.1	0.2	0	0	0	0	0
6-8	1.8	6.4	5.4	3.1	0.4	0	0	0
8-10	2.9	22.4	20	15.9	11.5	5.1	0.6	0
10-12	8	27.6	31.7	34.1	32.7	30.8	23.1	8.3
12-14	0.5	27.6	26.3	29.9	33.5	36.5	41.7	46.5
14-16	10.7	10.4	11.7	13	17.2	21.5	26.6	34.6
16-18	2.1	2.9	3.4	3.4	4.2	5.8	7.7	10.1
18-20	0	1.2	1	0.5	0.4	0.3	0.3	0.4
20-22	0	0.3	0.2	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.5	0	0	0	0	0	0	0
4-6	10.9	2.7	0.5	0	0	0	0	0
6-8	11.9	19.2	22.5	5.4	0.1	0	0	0
8-10	10.5	31.4	45.8	49.3	26.9	4.9	0.1	0
10-12	11.5	15.5	21.8	36.3	55.3	62.1	46.2	17.6
12-14	19.7	10.3	5.7	7.4	15.4	29.8	49	73.7
14-16	18.9	11.8	2.4	1.5	2.2	3.2	4.6	8.7
16-18	12.5	6.9	1.1	0.1	0.1	0	0	0
18-20	2.9	1.7	0.2	0	0	0	0	0
20-22	0.6	0.5	0	0	0	0	0	0
22-24	0.1	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-14. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 14

Grid 14

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.2	0	0	0	0	0	0	0
4-6	2.2	1.9	0.4	0	0	0	0	0
6-8	8.7	9.9	14.4	4.3	0.3	0	0	0
8-10	22.6	21.4	15	13.5	9.4	4	0.7	0
10-12	24.2	22.8	28.6	23.9	21.8	20	17.4	8.7
12-14	12.4	16.4	23.8	32.9	37.2	36.5	36	37.7
14-16	19.5	15.9	12.5	18.8	23.8	30.9	36.2	41.2
16-18	7.5	9.2	4.3	5.6	6.8	7.9	8.9	12
18-20	2.1	2.1	1	1	0.6	0.7	0.6	0.3
20-22	0.5	0.5	0.2	0.1	0	0	0.1	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.3	0	0	0	0	0	0	0
4-6	1.1	1	0.2	0	0	0	0	0
6-8	1.7	2.6	4	2.6	0.2	0	0	0
8-10	12.8	8	7.9	8.8	7.5	3.7	0.8	0
10-12	27.3	22.2	20.4	20.3	19.2	18.8	16.9	9.7
12-14	16	36.4	34	35.2	38.3	36.8	35.2	36.7
14-16	27.4	20.8	23.3	23.1	25.8	31.1	35.8	39.4
16-18	8.9	6.3	8	8.4	8.2	8.7	10.3	13.6
18-20	3.5	2.2	1.8	1.4	0.7	0.8	0.9	0.5
20-22	0.8	0.6	0.4	0.1	0	0	0.1	0.1
22-24	0.1	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.4	0	0	0	0	0	0	0
4-6	4.7	2.9	0.8	0	0	0	0	0
6-8	16.9	14.1	38.1	17.5	0.4	0	0	0
8-10	24.3	24.6	24.3	50.4	63.7	18.9	0.3	0
10-12	13.5	16.5	22.3	15.5	18.6	46.4	43.1	34.2
12-14	11	10.4	8.1	13.7	15.3	34.8	56.6	65.8
14-16	17.8	16.9	3.5	2.8	2	0	0	0
16-18	8.8	11.6	2.5	0.1	0	0	0	0
18-20	2	2.4	0.5	0	0	0	0	0
20-22	0.5	0.6	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-15. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 15

Grid 15

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	11.5	0.1	0	0	0	0	0	0
4-6	19.6	13.2	1.1	0	0	0	0	0
6-8	29.2	37.8	28.4	9.5	0.6	0	0	0
8-10	22.3	32.9	41.3	42.4	32	10.2	0.6	0
10-12	11.6	11.9	22.5	36.6	49.8	62.4	53.2	21
12-14	4	3.2	5.8	10.2	15.8	24.9	41.5	69.4
14-16	1.5	0.8	0.8	1.2	1.8	2.5	4.6	9.4
16-18	0.3	0.1	0.1	0	0	0	0.1	0.1
18-20	0.1	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	21.2	0.2	0	0	0	0	0	0
4-6	25.1	22	1.8	0	0	0	0	0
6-8	16.5	29.3	25.2	9.8	0.7	0	0	0
8-10	20.9	30.2	37.3	36.2	30	10.5	0.6	0
10-12	12	14.7	28.9	41.8	50.4	61.5	53.2	20.5
12-14	3.4	3.2	6.2	11.3	17.4	25.7	42	70.9
14-16	0.9	0.4	0.6	0.9	1.5	2.3	4.2	8.5
16-18	0	0	0	0	0	0	0	0.1
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	6.4	0	0	0	0	0	0	0
4-6	18.3	10.9	0.7	0	0	0	0	0
6-8	38.5	47.5	38.3	9	0.3	0	0	0
8-10	20.4	31.5	47.9	63.4	42.2	10.6	1.1	0
10-12	10.7	7	10.6	23.5	49.9	70.5	56.1	28.2
12-14	3.7	1.9	2.1	3.5	6.9	17.2	38.4	61.1
14-16	1.4	0.8	0.3	0.5	0.6	1.5	3.7	9.1
16-18	0.5	0.2	0.1	0.1	0.1	0.2	0.5	1.5
18-20	0.1	0	0	0	0	0.1	0.1	0.1
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-16. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 16

Grid 16

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.4	0	0	0	0	0	0	0
4-6	7.9	2.5	0.3	0	0	0	0	0
6-8	33.4	21.8	12.5	3.5	0.2	0	0	0
8-10	34.4	45	35.1	25.3	13.3	4	0.3	0
10-12	12.1	22.7	34.8	40.5	42.2	37.6	24.8	7.2
12-14	6.4	5.7	14.2	25.1	34.9	43.6	52.7	57.9
14-16	3.9	1.7	2.7	5.3	8.9	13.8	20.4	31.8
16-18	1.3	0.5	0.3	0.4	0.5	1	1.7	3.1
18-20	0.1	0.1	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	5.3	0	0	0	0	0	0	0
4-6	5.8	1.3	0.1	0	0	0	0	0
6-8	3.7	8.4	7	3	0.3	0	0	0
8-10	10.7	20	18.8	15.9	10.7	4.1	0.3	0
10-12	37.6	41.8	38.9	39.1	38.3	33.6	23.4	6.9
12-14	26.8	22.7	27.8	33.2	39.7	45.7	52.7	57.5
14-16	8.3	4.8	6.5	8.1	10.5	15.4	21.5	32
16-18	1.6	0.8	0.7	0.6	0.6	1.2	2.1	3.6
18-20	0.4	0.1	0.1	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.4	0	0	0	0	0	0	0
4-6	9.6	2.9	0.4	0	0	0	0	0
6-8	38.1	26.9	19.6	4.5	0.1	0	0	0
8-10	34.4	50.6	51.2	49.3	25	3.9	0.2	0
10-12	7.7	15.5	23.9	36.6	55.5	58.2	35.1	11.5
12-14	4.8	2.4	4.2	8.5	16.9	32.6	54.4	67.2
14-16	3.7	1.2	0.6	1	2.4	5.3	10.2	21.3
16-18	1.1	0.5	0.1	0.1	0.1	0.1	0	0
18-20	0.1	0.1	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-17. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 17

Grid 17

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	8.8	0	0	0	0	0	0	0
4-6	11.3	8.6	0.4	0	0	0	0	0
6-8	10.8	10.8	12.9	2.9	0.1	0	0	0
8-10	34.8	27.1	15.5	13.8	6.9	1.1	0	0
10-12	23.5	33.5	30.5	25.1	22.2	18	8.1	1.1
12-14	7.9	14.9	30.3	39.7	43	44.1	43.6	34.9
14-16	2.3	4	9	16.8	24.8	32.3	41.1	52.4
16-18	0.6	0.8	1.2	1.7	3	4.4	7	11.5
18-20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	12.8	0	0	0	0	0	0	0
4-6	13.3	9.3	0.4	0	0	0	0	0
6-8	1.9	8.3	12.3	3.1	0.1	0	0	0
8-10	7.3	5.5	5.1	8.9	5.7	1	0	0
10-12	30.4	30.3	21.1	16.5	15.8	13.6	6.7	0.8
12-14	24	33.3	42	45.1	43.8	43.8	42.2	32.6
14-16	7.9	10.9	16.7	23.7	30.5	36	42.6	53.9
16-18	2	2	2.2	2.6	4	5.5	8.3	12.6
18-20	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	6.9	0	0	0	0	0	0	0
4-6	10.2	7.3	0.2	0	0	0	0	0
6-8	16.5	12.3	11.9	2.1	0.1	0	0	0
8-10	47	45.2	36	31	14.2	2	0	0
10-12	16.4	29.6	38.3	43.5	50.3	51.7	42.1	0
12-14	2.4	4.4	11.6	19.1	27.5	34.5	42.9	0
14-16	0.5	0.9	1.8	4	7.5	10.5	14.5	0
16-18	0.1	0.2	0.2	0.2	0.4	1.3	0.5	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-18. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 18

Grid 18

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	23.6	0.2	0	0	0	0	0	0
4-6	54	38.2	1.7	0	0	0	0	0
6-8	19.1	50.7	64	19.2	0.3	0	0	0
8-10	2.6	9.9	31.1	70.5	65.8	16.6	0.9	0
10-12	0.6	1	3.2	10	33.3	81.3	88.6	45.5
12-14	0.1	0.1	0.1	0.2	0.7	2	10.4	53.1
14-16	0	0	0	0	0	0	0.1	1.3
16-18	0	0	0	0	0	0	0	0.1
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	22.1	0.2	0	0	0	0	0	0
4-6	47.6	36	1.8	0	0	0	0	0
6-8	24.8	51.4	62.3	18.5	0.2	0	0	0
8-10	4.2	11.2	32.6	71.3	65.2	14.6	0.4	0
10-12	0.9	1.1	3.1	9.9	34.1	83.7	90.6	44.8
12-14	0.3	0.1	0.1	0.2	0.6	1.6	9.1	55.2
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	26.5	0.1	0	0	0	0	0	0
4-6	65.1	39.8	1.2	0	0	0	0	0
6-8	16.5	51.6	65.5	20.7	1.1	0	0	0
8-10	1.4	8.1	30.2	66.3	62.9	27.2	4.1	0.3
10-12	0.3	0.5	2.7	11.7	32.4	63.5	70.1	45.4
12-14	0.1	0	0.2	1.2	3.5	9	24.2	45.1
14-16	0	0	0	0	0.1	0.2	1.5	8.5
16-18	0	0	0	0	0	0	0.1	0.6
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-19. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 19

Grid 19

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	15.9	0.1	0	0	0	0	0	0
4-6	22.6	20.6	2	0	0	0	0	0
6-8	18.2	26.7	40.6	18.3	0.8	0	0	0
8-10	22.2	28.5	28	49.4	52.6	20.4	1.5	0.1
10-12	14.7	17.9	20.7	24.3	38.9	69.2	77.2	49.6
12-14	4.6	5.1	7.3	6.8	6.7	9.1	19.2	45.4
14-16	1.3	0.9	1.2	1	0.9	1	1.8	4.2
16-18	0.3	0.1	0.1	0.1	0.1	0.1	0.3	0.7
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	25.6	0.2	0	0	0	0	0	0
4-6	18.2	23.3	2.4	0	0	0	0	0
6-8	12.3	26.4	42.5	19.4	0.8	0	0	0
8-10	12.7	18.8	24	48.4	53.5	20.3	1.3	0.1
10-12	19.6	20.7	20.6	23.4	38.2	70.9	79.5	49.3
12-14	10.1	9.3	9.1	7.9	7	8.7	19	50.5
14-16	1.4	1.3	1.3	0.9	0.4	0.1	0.1	0.1
16-18	0.1	0.1	0.1	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	10.7	0.1	0	0	0	0	0	0
4-6	25.1	18.6	0.8	0	0	0	0	0
6-8	20.1	26.6	36.9	13	0.4	0	0	0
8-10	26.6	35.5	33.4	49.3	37.3	13.6	1	0
10-12	11.5	14.6	18.8	27.4	41.1	50.5	34.1	7.8
12-14	3.5	3.2	7.4	7.2	13.5	22.8	43.5	57.6
14-16	1.8	1.1	2.3	2.7	7.1	11.9	18.1	25.9
16-18	0.6	0.3	0.4	0.4	0.5	1	2.9	8.5
18-20	0.1	0.1	0	0	0	0.1	0.3	0.2
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-20. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 20

Grid 20

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.3	0	0	0	0	0	0	0
4-6	11.1	5.3	0.9	0	0	0	0	0
6-8	27.6	29.9	21.6	7.6	0.6	0	0	0
8-10	29.1	41.4	42.8	37.8	25	8.5	0.7	0
10-12	16.8	16	27.2	40.9	50.6	54.4	43.2	17.1
12-14	7.3	4.7	5.9	11.9	20.3	30.2	43.5	59.7
14-16	4.4	2	1.2	1.6	3.2	6.4	11.5	21.1
16-18	2	0.7	0.3	0.2	0.3	0.5	1.2	2.1
18-20	0.3	0.1	0.1	0	0	0	0	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	4.7	0	0	0	0	0	0	0
4-6	22.8	6.7	0.9	0	0	0	0	0
6-8	23.7	24.5	14.7	6.5	0.7	0	0	0
8-10	19.3	33	34.6	28.8	21.2	8.2	0.7	0
10-12	21.7	28.4	38.4	46	49.9	51.7	42.2	17.3
12-14	7	6.4	10.1	16.6	24.3	32.4	43.6	59
14-16	0.8	0.8	1.1	1.9	3.7	7.2	12.3	21.5
16-18	0	0.1	0.1	0.2	0.3	0.5	1.2	2.2
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1	0	0	0	0	0	0	0
4-6	10.4	5	0.7	0	0	0	0	0
6-8	26.2	32.4	29.1	8	0.2	0	0	0
8-10	28.5	40	46.8	56.2	36.2	9.1	0.7	0
10-12	17.1	13.1	16.4	28.3	50.1	63.1	47.6	14.9
12-14	8.3	5.4	4.5	5.4	10.4	21.8	42.6	67.3
14-16	5.5	2.8	1.8	1.5	2.5	5.1	8.2	16.9
16-18	2.6	1	0.5	0.5	0.6	0.8	0.8	0.8
18-20	0.4	0.2	0.1	0.1	0.1	0	0	0
20-22	0.1	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-21. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 21

Grid 21

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1	0	0	0	0	0	0	0
4-6	17.6	1.1	0.2	0	0	0	0	0
6-8	14.3	9.9	9.3	3.3	0.3	0	0	0
8-10	19.6	30.3	20.8	16	10.9	3.8	0.4	0
10-12	13.3	26.6	30.7	25.8	23.8	22.4	14.6	4
12-14	14.9	14.1	24.3	32.7	35	36.4	38.8	37.4
14-16	11.9	10.9	10.8	17.4	24.2	29.7	36.6	45.8
16-18	5.8	5.6	3.1	4.1	5.4	7.3	9.3	12.4
18-20	1.2	1.2	0.7	0.6	0.4	0.4	0.4	0.4
20-22	0.4	0.3	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	29.7	0	0	0	0	0	0	0
4-6	9	0.7	0.1	0	0	0	0	0
6-8	15.5	3.1	4.4	2.9	0.3	0	0	0
8-10	1.7	13.3	10.8	11.3	9.5	3.8	0.4	0
10-12	27.8	31.3	26.9	22.9	20.7	19.9	13.4	3.8
12-14	12.7	34.2	34	35.8	36.1	36.6	37.8	36.1
14-16	3.4	11.8	17.7	20.9	26.7	31.6	38.2	46.4
16-18	0.3	3.7	4.6	5.4	6	7.7	9.8	13.2
18-20	0	1.5	1.2	0.8	0.5	0.4	0.4	0.4
20-22	0	0.3	0.2	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1	0	0	0	0	0	0	0
4-6	19.7	1.4	0.4	0	0	0	0	0
6-8	15.2	12.2	20	5.6	0.2	0	0	0
8-10	17.9	32.1	38.6	44	24.5	4.7	0.1	0
10-12	13.2	21.5	24	34.4	48.1	53	33.6	19.8
12-14	14.3	12.1	10.1	12.8	22.4	34.6	53.1	75.5
14-16	11.4	12.5	4.4	3	4.7	7.7	13.2	4.7
16-18	5.7	6.7	2	0.2	0.1	0	0	0
18-20	1.2	1.4	0.4	0	0	0	0	0
20-22	0.4	0.3	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-22. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 22

Grid 22

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	31.1	0	0	0	0	0	0	0
4-6	14	0.9	0	0	0	0	0	0
6-8	2.2	3.6	6.4	1.7	0.1	0	0	0
8-10	7.3	14.2	13.1	14.6	9.1	2.2	0.3	0
10-12	7.2	18.4	15.9	12.6	15.3	16.9	10.6	3.7
12-14	14.6	25.3	27.4	25.5	25.6	26.8	28.3	24
14-16	15.6	24.2	25.6	31.8	34.8	38.4	42.4	49.9
16-18	6.5	10.9	9.4	12.3	14	14.7	17.3	21.5
18-20	1.2	2.1	1.8	1.4	1	1	1.2	0.9
20-22	0.2	0.4	0.3	0.1	0.1	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	27.5	0	0	0	0	0	0	0
4-6	17.9	2.2	0	0	0	0	0	0
6-8	2.3	2.6	2.2	1	0.1	0	0	0
8-10	3.6	2.3	2.7	4.9	4.5	1.8	0.3	0
10-12	5.5	13.1	8.6	7.7	9.4	10.5	7.7	3
12-14	19	38.4	31.8	25.9	25.9	25.5	25.8	23.1
14-16	16.8	28.7	37.8	40.3	39.8	42.8	45	51.1
16-18	6.1	9.7	13.6	17.8	18.7	18.1	19.7	21.5
18-20	1	2.5	2.8	2.2	1.5	1.3	1.4	1.2
20-22	0.3	0.5	0.5	0.2	0.1	0.1	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	29.7	0	0	0	0	0	0	0
4-6	14.4	0.6	0.1	0	0	0	0	0
6-8	4.1	5.4	18.5	5.6	0.1	0	0	0
8-10	10.3	24.1	39.1	65.2	45.6	6.5	0.4	0
10-12	8.7	16.1	18.1	21.4	46.2	73.3	46.6	11.5
12-14	12.5	17.1	9.9	5.8	6.5	17.8	48.3	82.3
14-16	13.4	22.6	8.3	1.9	1.6	2.4	4.7	6.3
16-18	5.8	11.6	4.9	0.1	0	0	0	0
18-20	1	2.1	0.9	0	0	0	0	0
20-22	0.2	0.4	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-23. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 23

Grid 23

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3.8	0.1	0	0	0	0	0	0
4-6	13.8	20.8	1.8	0	0	0	0	0
6-8	20.8	32.9	49.3	17.8	0.3	0	0	0
8-10	45.2	32.6	31.7	58.5	56	17.5	0.7	0.2
10-12	13.3	11.1	13.1	17.7	36.2	70.7	74	38.7
12-14	2.4	2.1	3.3	4.9	6.3	10	21.5	51.3
14-16	0.6	0.4	0.6	1.1	1.1	1.7	3.6	9.2
16-18	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.6
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	9.7	0.1	0	0	0	0	0	0
4-6	20.4	23.6	2.6	0	0	0	0	0
6-8	19.5	32.3	51.6	21	0.4	0	0	0
8-10	32.3	31.4	31.4	59.9	61.8	19.4	0.5	0
10-12	15.3	11	11.5	15.4	33.2	74.6	85.3	45.4
12-14	2.2	1.4	2.7	3.5	4.4	5.6	13.6	53.4
14-16	0.5	0.2	0.1	0.2	0.2	0.3	0.6	1.2
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	2	0	0	0	0	0	0	0
4-6	11.8	23.3	0.7	0	0	0	0	0
6-8	20.8	34.8	60.7	11.9	0.3	0	0	0
8-10	51	31.7	23.9	51.6	37.4	16	3.4	0.8
10-12	12.4	8.2	9.6	20	34.6	45.9	46.7	32.6
12-14	1.5	1.4	3.3	7.4	15.4	22.5	32	44.6
14-16	0.4	0.5	1.5	7.6	10.8	13.8	15.9	19.4
16-18	0.1	0.1	0.3	1.5	1.4	1.8	2	2.5
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-24. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 24

Grid 24

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.4	0	0	0	0	0	0	0
4-6	6.9	6.5	0.8	0	0	0	0	0
6-8	22.3	31.4	23.9	7.7	0.3	0	0	0
8-10	49.4	39.9	41.9	42.2	28	7	0.2	0
10-12	15.4	15.7	24.3	36.4	50.4	59.2	42.2	11.8
12-14	3.6	4.9	7.5	11.9	18.9	30.1	50.1	71
14-16	1.4	1.3	1.6	1.7	2.3	3.6	7.4	17
16-18	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.2
18-20	0.1	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	4.8	0	0	0	0	0	0	0
4-6	25.6	6.2	1	0	0	0	0	0
6-8	33.1	29.9	18.7	7.9	0.3	0	0	0
8-10	24.9	45.9	42.9	37	26.4	7	0.2	0
10-12	9.4	12.6	28.3	40.2	50	57.9	41.5	11.2
12-14	1.6	4.4	7.4	13.3	21	31.7	51.1	72.2
14-16	0.6	0.9	1.5	1.6	2.2	3.3	7.2	16.4
16-18	0	0.1	0.1	0.1	0	0	0.1	0.2
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.3	0	0	0	0	0	0	0
4-6	6.4	8	0.5	0	0	0	0	0
6-8	21.7	34.9	38.5	7.6	0.2	0	0	0
8-10	50.7	38.9	44.1	62.2	38.4	9.1	1.1	0.1
10-12	15.6	13.4	13	23.3	47.5	65.3	52.8	27
12-14	3.5	3.2	3.3	5.7	11.5	21.2	37.3	55.3
14-16	1.4	1.2	0.6	1.1	2.3	4	7.7	15.6
16-18	0.4	0.3	0.1	0.1	0.2	0.4	0.9	2
18-20	0.1	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-25. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 25

Grid 25

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.4	0	0	0	0	0	0	0
4-6	4	1.9	0.2	0	0	0	0	0
6-8	23.6	14.6	11.1	2.9	0.1	0	0	0
8-10	37.7	33.7	19.9	17.5	10	2.3	0.1	0
10-12	17.2	30.9	31.3	28.1	28.2	25.5	14.2	2.5
12-14	8.9	13.6	28.3	35.3	38.8	42.5	47.2	42.5
14-16	5.6	4.2	8.1	14.6	20.5	26	33.6	47.5
16-18	2.2	1.1	1	1.5	2.4	3.5	4.9	7.5
18-20	0.5	0.1	0.1	0.1	0.1	0.1	0	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	5.7	0	0	0	0	0	0	0
4-6	7	1	0.1	0	0	0	0	0
6-8	6.6	7.4	7	2.6	0.2	0	0	0
8-10	10.8	13.6	11.9	13.6	8.9	2.3	0.1	0
10-12	41.8	38.8	29.2	25.4	24.3	21.7	12.1	1.9
12-14	21.6	30.5	38	39.5	40.8	42.7	45.2	40.1
14-16	5.2	7.3	12.2	17	22.9	29.4	37.3	50.1
16-18	0.8	1.2	1.4	1.8	2.9	3.9	5.3	7.8
18-20	0.3	0.1	0.1	0.1	0.1	0.1	0	0
20-22	0.2	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.4	0	0	0	0	0	0	0
4-6	4.8	2.6	0.2	0	0	0	0	0
6-8	25.6	21.1	27.7	5.8	0	0	0	0
8-10	38	44	38	48.8	26.5	4.3	0	0
10-12	13.7	21.6	23.1	27	45.7	51.3	30.1	0
12-14	8.4	5.9	9.3	15.3	23.3	39.1	69.9	0
14-16	6	3.3	1.6	3.1	4.5	5.3	0	0
16-18	2.5	1.2	0.2	0.1	0	0	0	0
18-20	0.5	0.2	0	0	0	0	0	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-26. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 26

Grid 26

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	38.6	0.1	0	0	0	0	0	0
4-6	45.3	39.1	1.1	0	0	0	0	0
6-8	14.4	50	60.2	16.6	0.1	0	0	0
8-10	1.6	10.3	35.9	71.1	63.9	15.3	0.1	0
10-12	0.1	0.5	2.8	12.2	35.8	83.3	87.6	38
12-14	0	0	0	0	0.2	1.4	12.2	62
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	34.3	0.1	0	0	0	0	0	0
4-6	45.1	37.9	1.3	0	0	0	0	0
6-8	17.3	49.2	59.4	16.4	0.1	0	0	0
8-10	3	12	36	70.7	63.3	15.5	0.2	0
10-12	0.3	0.8	3.3	12.8	36.3	82.9	87.1	39.6
12-14	0	0	0	0.1	0.3	1.7	12.7	60.4
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	46.2	0.1	0	0	0	0	0	0
4-6	43.4	44.8	0.6	0	0	0	0	0
6-8	9.8	48.4	65.1	19.3	0	0	0	0
8-10	0.5	6.6	32.6	72.6	74.5	21.6	0	0
10-12	0	0.1	1.8	8.1	25.5	78.4	0	0
12-14	0	0	0	0	0	0	0	0
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-27. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 27

Grid 27

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	36	0.1	0	0	0	0	0	0
4-6	48.7	39.3	0.7	0	0	0	0	0
6-8	13.8	51.2	58.6	12.2	0	0	0	0
8-10	1.4	8.7	36.9	72	51.1	6.2	0	0
10-12	0.1	0.7	3.7	15.3	47.3	87.2	67.6	21.3
12-14	0	0	0.1	0.4	1.5	6.6	32.4	78.7
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	30.1	0.1	0	0	0	0	0	0
4-6	46.2	35.4	0.8	0	0	0	0	0
6-8	20.1	50.2	54	11.5	0	0	0	0
8-10	3.2	12.9	40.3	71.3	50.1	6.1	0	0
10-12	0.4	1.4	4.8	16.8	48	86.6	67.1	20.6
12-14	0	0	0.1	0.5	1.9	7.4	32.9	79.4
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	37.6	0	0	0	0	0	0	0
4-6	52	45.3	0.2	0	0	0	0	0
6-8	10.1	52.2	78.3	19.8	0	0	0	0
8-10	0.3	2.5	21.4	80.2	0	0	0	0
10-12	0	0	0	0	0	0	0	0
12-14	0	0	0	0	0	0	0	0
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-28. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 28

Grid 28

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	39.4	0.1	0	0	0	0	0	0
4-6	42.3	50.5	1.3	0	0	0	0	0
6-8	12.8	42.9	76.2	20	0.5	0	0	0
8-10	3.4	4.1	19.6	72.9	67.9	14.9	3.3	0.3
10-12	1.6	1.4	1.7	4.8	25.5	65.1	51	22.8
12-14	0.5	0.8	0.9	1.8	4.8	16.4	38.7	63.3
14-16	0.1	0.2	0.2	0.5	1.2	3.6	6.9	13.5
16-18	0	0	0	0	0	0	0	0.1
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	43.6	0.1	0	0	0	0	0	0
4-6	48.1	56.2	1.2	0	0	0	0	0
6-8	6.2	41.8	80.6	19.5	0	0	0	0
8-10	1.2	1.7	18.1	79.8	82.4	9.7	0	0
10-12	0.7	0.1	0.1	0.7	17.6	90.3	100	0
12-14	0.2	0.1	0	0	0	0	0	0
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	33.8	0.1	0	0	0	0	0	0
4-6	35.1	35.9	1	0	0	0	0	0
6-8	22.4	47.8	57.4	12.8	1	0	0	0
8-10	5.8	9.8	27.6	50.7	33	9.5	2.3	0.3
10-12	2	3.8	8	21.8	43.4	58.1	44.6	17.4
12-14	0.8	2.1	4.6	11.1	17	25.7	44.2	65.6
14-16	0.1	0.5	1.3	3.3	5.3	6.6	8.9	16.7
16-18	0	0.1	0.2	0.3	0.2	0.1	0	0.1
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-29. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 29

Grid 29

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	19.4	0.1	0	0	0	0	0	0
4-6	22.4	17.1	1.8	0	0	0	0	0
6-8	15.8	26.9	39.5	16.7	0.7	0	0	0
8-10	22	30.6	32	54.9	52.7	17.2	1.6	0.2
10-12	15.8	19.6	17.8	18.8	35.2	64.5	61.1	28.4
12-14	3.6	4.8	7.6	7.9	9.1	14.5	29.2	53.5
14-16	0.8	0.8	1.2	1.6	2.1	3.4	7.4	16.5
16-18	0.1	0.1	0.1	0.2	0.2	0.4	0.7	1.4
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	22.9	0.2	0	0	0	0	0	0
4-6	28	29	2.5	0	0	0	0	0
6-8	11	30.1	48.5	20.2	0.8	0	0	0
8-10	11.5	13.5	27.8	61.1	63.3	19.8	1.2	0.1
10-12	18.2	16.4	11.7	12.3	31.4	74.8	83.5	46.8
12-14	7	9.1	7.9	5.5	4.1	5.2	14.8	52.2
14-16	1.3	1.6	1.5	0.9	0.4	0.2	0.5	0.9
16-18	0.2	0.1	0.1	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	14.1	0	0	0	0	0	0	0
4-6	17.6	10	0.6	0	0	0	0	0
6-8	21.3	26.2	29.5	8.4	0.3	0	0	0
8-10	30.2	42.6	37.7	44.3	27.3	7	0.7	0.1
10-12	13.4	17.8	21.4	26.7	39.3	43.8	32.4	12.5
12-14	2.3	2.6	9	15	22.7	36	48.3	59.8
14-16	0.9	0.7	1.6	5	9.2	11.2	15.9	24.1
16-18	0.2	0.1	0.2	0.6	1.2	2	2.7	3.6
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-30. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 30

Grid 30

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.8	0	0	0	0	0	0	0
4-6	16.4	2.7	0.8	0	0	0	0	0
6-8	19.5	18.4	17.3	7.4	0.6	0	0	0
8-10	37.8	50.8	38.3	31.6	22.3	6.9	0.4	0
10-12	15.9	20.6	32.8	40.4	45.3	47	33	9.5
12-14	5.9	4.9	8.8	17.5	26.4	36.6	49.9	60.5
14-16	2.5	1.8	1.5	2.7	4.9	8.7	15.3	27.4
16-18	1.1	0.6	0.3	0.3	0.4	0.7	1.4	2.6
18-20	0.1	0.1	0.1	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	17	0	0	0	0	0	0	0
4-6	24.7	4.1	0.7	0	0	0	0	0
6-8	22.8	22.5	11.6	6.7	0.7	0	0	0
8-10	5.1	34.9	33.8	26.4	19.8	6.3	0.3	0
10-12	22	28.9	41.2	45	46	46	31.8	8.4
12-14	7.3	8.1	11.2	19.4	28.6	38.7	51.6	62
14-16	0.9	1.1	1.2	2.3	4.5	8.5	15.2	27.3
16-18	0.1	0.2	0.2	0.2	0.3	0.5	1.1	2.2
18-20	0	0.1	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.7	0	0	0	0	0	0	0
4-6	19	2.6	0.7	0	0	0	0	0
6-8	19.8	20.1	24.6	7.5	0.2	0	0	0
8-10	35.6	51.6	46.3	50.8	31.5	8.1	0.9	0.1
10-12	14.6	17.1	19.7	31	49.3	56.6	39.5	14.7
12-14	6.1	5.2	6.2	8.2	15.1	27.8	44.3	58.6
14-16	2.7	2.4	1.9	1.9	3.4	6.8	14	24.4
16-18	1.2	0.8	0.5	0.5	0.6	0.8	1.4	2.2
18-20	0.2	0.2	0.1	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-31. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 31

Grid 31

Annual

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.5	0	0	0	0	0	0	0
4-6	26.7	0.6	0	0	0	0	0	0
6-8	9	12.3	11.2	1.5	0.1	0	0	0
8-10	11.3	27.6	19.2	16.3	8.1	1.5	0.1	0
10-12	13.2	25.6	18.8	12.8	15.4	14.6	8.3	1.9
12-14	17.3	16.2	28.6	28.3	25.2	25.4	26.1	25.4
14-16	13.2	11.3	16.1	31.4	37.7	42.2	46.5	51
16-18	6.3	5.2	4.8	8.6	12.5	15.5	18	20.6
18-20	1.2	1	1.1	1	0.9	0.8	0.8	1
20-22	0.3	0.2	0.2	0.1	0.1	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	9.9	0	0	0	0	0	0	0
4-6	10	0.3	0	0	0	0	0	0
6-8	2.6	2.9	3.3	1.2	0.1	0	0	0
8-10	11.3	11.9	10.3	12.7	6.5	1.4	0.1	0
10-12	18.2	34	18.4	11.2	12	11.8	7	1.5
12-14	27.8	32.9	38	29.7	25.5	23.8	23.3	21.9
14-16	14.6	12.2	22.3	34.6	41.4	45.3	49.1	53
16-18	4.4	4.2	5.8	9.4	13.4	16.8	19.5	22.5
18-20	1	1.3	1.4	1.2	1	0.9	1	1.1
20-22	0.3	0.3	0.3	0.1	0.1	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.1	0	0	0	0	0	0	0
4-6	2.6	0.9	0	0	0	0	0	0
6-8	2.5	18.3	32	2.8	0.1	0	0	0
8-10	9.4	31.3	37.3	41.6	20.8	4	0.1	0
10-12	10	18.1	11.5	31.9	49.8	62	54.5	26.1
12-14	11	12	8.2	17.7	25	31	43	70.1
14-16	8.2	12.2	6.7	6	4.2	3.1	2.4	3.8
16-18	4.4	5.9	3.6	0	0	0	0	0
18-20	0.7	1.1	0.6	0	0	0	0	0
20-22	0.1	0.2	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-32. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 32

Grid 32

Annual

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	25	0	0	0	0	0	0	0
4-6	53.8	38.2	0.8	0	0	0	0	0
6-8	16.5	55.1	68.8	13.7	0.2	0	0	0
8-10	4.3	6.3	28.6	75.6	57.9	13	3.6	0.3
10-12	0.3	0.3	1.5	9.6	38.6	74.5	65.2	40.5
12-14	0	0.1	0.3	0.9	2.8	10.8	26.9	50.5
14-16	0	0	0	0.1	0.4	1.6	4.3	8.7
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	22.5	0.1	0	0	0	0	0	0
4-6	53.1	37.8	1	0	0	0	0	0
6-8	21.1	55.6	68.1	14.6	0	0	0	0
8-10	3.2	6.3	30.3	79.4	62.9	4.9	0	0
10-12	0.1	0.1	0.6	6	37	94.2	92	0
12-14	0	0	0	0	0.1	1	8	0
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	27.1	0	0	0	0	0	0	0
4-6	52.3	41.8	0.4	0	0	0	0	0
6-8	12.6	45.1	61.4	11.5	0.8	0.1	0	0
8-10	7.5	12.1	31.3	64.1	47.7	16.8	3.9	0.6
10-12	0.5	0.8	5.4	18.8	38.8	55.3	55.8	39.8
12-14	0	0.1	1.2	4.5	10.1	22.5	31.6	45.1
14-16	0	0	0.3	1.1	2.6	5.4	8.6	14.5
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-33. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 33

Grid 33

Annual

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	25.8	0	0	0	0	0	0	0
4-6	17	6.4	0.4	0	0	0	0	0
6-8	17.2	23.4	18.8	5	0.1	0	0	0
8-10	31.6	53.3	46.3	40.9	23.3	6.1	1.6	0.3
10-12	6.6	13.4	25.9	36.5	49.3	54.4	40.1	24.9
12-14	1.5	2.8	7.6	15.3	23.2	33.2	48.2	58
14-16	0.4	0.6	0.9	2.2	3.9	5.9	9.4	15.4
16-18	0	0.1	0.1	0.1	0.2	0.3	0.7	1.4
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	32.6	0	0	0	0	0	0	0
4-6	23.4	8.5	0.5	0	0	0	0	0
6-8	14.2	18.6	15.5	5.1	0.1	0	0	0
8-10	21.4	54.7	48.3	38.1	21.7	3.7	0	0
10-12	6.3	14.9	28.2	40.3	50.1	57.1	37.8	3.8
12-14	1.7	2.6	6.8	15.5	26.7	37.1	59	89.3
14-16	0.4	0.5	0.6	1	1.4	2	3.2	6.9
16-18	0.1	0.1	0.1	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	21.2	0	0	0	0	0	0	0
4-6	12.6	5.1	0.3	0	0	0	0	0
6-8	18.2	28	24.9	6.2	0.3	0	0	0
8-10	42.2	58.4	55.7	42.3	25.8	13.2	4.7	0.5
10-12	5.1	7.3	12.9	32.2	42.8	45.2	41.8	30.9
12-14	0.6	1	5.2	13.9	18.7	24.7	32.5	40.4
14-16	0.1	0.2	0.9	4.1	9.5	13.1	16.2	22.3
16-18	0	0	0.1	1.3	2.9	3.7	4.9	5.9
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-34. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 34

Grid 34

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.5	0	0	0	0	0	0	0
4-6	5.1	0.6	0.1	0	0	0	0	0
6-8	20.3	17.8	10.8	2.3	0.1	0	0	0
8-10	58.5	49.9	34.8	25.7	11.4	2.2	0.3	0
10-12	11.8	21.9	31.2	30.9	31.9	29.3	17.2	9.7
12-14	2.9	7.5	18.4	32.2	40.1	41.2	43	40.2
14-16	0.8	1.9	4.3	8.5	15.7	25.9	37.6	46.8
16-18	0.1	0.3	0.4	0.4	0.7	1.4	2.1	3.3
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	13.6	0	0	0	0	0	0	0
4-6	15.5	0.4	0.1	0	0	0	0	0
6-8	21.5	7.5	6	1.7	0.1	0	0	0
8-10	36.4	50.7	33.9	23.9	9.1	1.1	0	0
10-12	9.1	29.1	35.4	30.8	27.2	20.3	7.4	0.4
12-14	3.4	9.7	19.8	34	44.4	45.2	44.5	34.7
14-16	0.2	2.3	4.3	9	18.3	31.5	45.4	60.4
16-18	0.4	0.3	0.4	0.5	0.9	1.9	2.7	4.5
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.5	0	0	0	0	0	0	0
4-6	6.4	0.8	0.1	0	0	0	0	0
6-8	19.9	27.1	29.5	3.8	0.2	0	0	0
8-10	58.3	54.8	57	48.7	24.5	6.9	0.7	0.1
10-12	10.9	13.3	8.6	31	50	61	53.3	30.9
12-14	2.9	3	4	14	22.4	27.4	37.2	56.2
14-16	0.9	0.9	0.7	2.4	2.6	4.5	8.4	12.2
16-18	0.1	0.2	0	0.1	0.2	0.3	0.3	0.5
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-35. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 35

Grid 35

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.1	0	0	0	0	0	0	0
4-6	8.2	1.1	0	0	0	0	0	0
6-8	15.4	18.7	17.4	1.6	0	0	0	0
8-10	41.7	27.5	20.4	22.5	6.7	0.9	0.1	0
10-12	17.8	30.8	20.2	16.8	21.6	15.6	7.5	2
12-14	9.4	15.4	30.1	31.2	33.4	33.9	35	24.9
14-16	4.7	5.1	10.3	24.7	32.4	40.2	42.5	47.7
16-18	1.3	1.3	1.4	3	5.8	9.3	14.9	25.4
18-20	0.4	0.1	0.1	0.1	0.2	0.1	0.1	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	14.1	0	0	0	0	0	0	0
4-6	19.5	0.5	0	0	0	0	0	0
6-8	9.6	10.2	10.6	1.5	0	0	0	0
8-10	17.2	16.5	16.3	21.6	6.7	0.7	0.1	0
10-12	32	41.6	21.5	15.8	19.8	12.1	5.4	0.7
12-14	4.7	24.3	37.1	31.8	31.9	30.9	30.2	18.1
14-16	1.2	5.7	12.6	26	34.8	45	46.1	48.7
16-18	0.2	1	1.6	3.2	6.6	11.1	18.1	32.5
18-20	1.6	0.1	0.1	0.1	0.2	0.1	0.1	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.1	0	0	0	0	0	0	0
4-6	11.5	1.9	0	0	0	0	0	0
6-8	16.5	32.1	50.6	3.8	0	0	0	0
8-10	39.5	33.9	36.4	86.8	35.5	6.9	0	0
10-12	15.2	18.1	5.6	7	59	88.3	0	0
12-14	9.5	7.8	5.4	2.2	5.5	4.7	0	0
14-16	4.9	4.5	1.7	0.2	0	0	0	0
16-18	1.4	1.4	0.3	0	0	0	0	0
18-20	0.3	0.2	0	0	0	0	0	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-36. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 36

Grid 36

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	20.7	0	0	0	0	0	0	0
4-6	8	5.8	0.1	0	0	0	0	0
6-8	7.7	18.7	27.6	4	0	0	0	0
8-10	11.3	13.9	16.1	28.4	12.9	1.9	0	0
10-12	19.6	22.2	10.8	11.1	17.5	18	8.2	1.6
12-14	19.6	25	25.6	22.3	24.2	25.8	27.8	17.5
14-16	9.9	11.4	16.4	26.6	33.1	40.3	46.5	69.3
16-18	2.8	2.8	3.2	7.1	11.7	13.9	17.4	11.6
18-20	0.4	0.3	0.3	0.5	0.5	0.1	0	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	19.8	0	0	0	0	0	0	0
4-6	3.7	3.7	0.1	0	0	0	0	0
6-8	3.1	8.7	14.1	3.1	0	0	0	0
8-10	4.9	5.8	9.2	16	8.9	1.3	0	0
10-12	23.8	25.2	11.6	11.3	16.5	17.5	8.5	0
12-14	28.7	37.7	35.6	25.2	24.1	26	28.2	18.3
14-16	12.6	15.3	24.4	34	36.6	40.1	43.2	67.9
16-18	2.9	3.1	4.5	9.5	13.3	15	20.1	13.8
18-20	0.4	0.4	0.5	0.7	0.6	0	0	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	23.1	0	0	0	0	0	0	0
4-6	14.8	8.5	0.1	0	0	0	0	0
6-8	14.3	32.2	58.2	10.5	0.1	0	0	0
8-10	15.5	20.6	26.8	86.1	78.3	0	0	0
10-12	10.8	12.8	3	1.6	21.5	0	0	0
12-14	11.2	13.8	5.2	1.1	0	0	0	0
14-16	7.4	9	5.1	0.5	0	0	0	0
16-18	2.4	2.7	1.5	0.1	0	0	0	0
18-20	0.4	0.3	0.1	0	0	0	0	0
20-22	0.1	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-37. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 37

Grid 37

Annual

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	34.5	0	0	0	0	0	0	0
4-6	51.4	50.3	0.3	0	0	0	0	0
6-8	13.9	49	92.3	25.3	0	0	0	0
8-10	0.2	0.7	7.3	74.7	0	0	0	0
10-12	0	0	0	0	0	0	0	0
12-14	0	0	0	0	0	0	0	0
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	27	0	0	0	0	0	0	0
4-6	52.7	42.3	0.1	0	0	0	0	0
6-8	20	56.9	92	15.7	0	0	0	0
8-10	0.2	0.8	7.9	84.3	0	0	0	0
10-12	0	0	0	0	0	0	0	0
12-14	0	0	0	0	0	0	0	0
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	87.8	0	0	0	0	0	0	0
4-6	60.9	60.9	1.2	0	0	0	0	0
6-8	11.2	38.6	94.3	36.5	0	0	0	0
8-10	0.1	0.5	4.5	63.5	0	0	0	0
10-12	0	0	0	0	0	0	0	0
12-14	0	0	0	0	0	0	0	0
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-38. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 38

Grid 38

Annual

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	62.8	0	0	0	0	0	0	0
4-6	34.9	65.2	0.3	0	0	0	0	0
6-8	2.3	34.7	96.3	29.9	0	0	0	0
8-10	0	0.1	3.4	70.1	0	0	0	0
10-12	0	0	0	0	0	0	0	0
12-14	0	0	0	0	0	0	0	0
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	57.2	0	0	0	0	0	0	0
4-6	40	63.5	0.3	0	0	0	0	0
6-8	2.8	36.4	96	25.2	0	0	0	0
8-10	0	0.1	3.6	74.8	0	0	0	0
10-12	0	0	0	0	0	0	0	0
12-14	0	0	0	0	0	0	0	0
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	61.2	0	0	0	0	0	0	0
4-6	35.8	65	0	0	0	0	0	0
6-8	3.1	34.9	97.1	45.7	0	0	0	0
8-10	0	0.1	2.8	54.3	0	0	0	0
10-12	0	0	0	0	0	0	0	0
12-14	0	0	0	0	0	0	0	0
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-39. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 39

Grid 39

Annual

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	12.7	0	0	0	0	0	0	0
4-6	14.7	19.2	0	0	0	0	0	0
6-8	3.7	24.4	8.1	0.1	0	0	0	0
8-10	7.9	19.1	21.5	6.5	1.1	0.4	0.5	0
10-12	23.8	15.1	65.5	79.3	69.6	44.9	10.8	18.9
12-14	17.4	8.3	4	14	29.2	54.7	88.7	81.1
14-16	12.9	8	0.5	0	0.1	0	0	0
16-18	5.5	4.8	0.3	0	0	0	0	0
18-20	1	1	0.1	0	0	0	0	0
20-22	0.2	0.2	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	11.8	0	0	0	0	0	0	0
4-6	19.6	49.8	0.4	0	0	0	0	0
6-8	4	37.2	67.1	10.8	0	0	0	0
8-10	6.8	2.2	28	60.8	33.2	0	0	0
10-12	21.9	2	4.5	28.3	65.9	0	0	0
12-14	17.6	3.6	0	0.1	0.8	0	0	0
14-16	12.6	3.4	0	0	0	0	0	0
16-18	4.8	1.4	0	0	0	0	0	0
18-20	0.8	0.3	0	0	0	0	0	0
20-22	0.1	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	83.8	0	0	0	0	0	0	0
4-6	28.3	3.9	0	0	0	0	0	0
6-8	10.8	11.1	2.2	0	0	0	0	0
8-10	4.8	32.2	19.1	6.1	1	0.4	0.5	0
10-12	15.1	40.8	73.5	79.7	69.7	44.6	10.7	18.9
12-14	5	5.5	4.6	14.1	29.3	55	88.8	81.1
14-16	1.4	3.5	0.3	0	0.1	0	0	0
16-18	0.5	2.2	0.2	0	0	0	0	0
18-20	0.3	0.7	0	0	0	0	0	0
20-22	0	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-40. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 40

Grid 40

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	20.2	0	0	0	0	0	0	0
4-6	39.8	19.5	0.2	0	0	0	0	0
6-8	26.9	52.5	35.9	3.7	0.1	0	0	0
8-10	8	24	53.5	68.3	35.5	5.2	1.1	0.2
10-12	3.9	3.1	9.8	27.2	62.3	87.3	72.9	45.1
12-14	0.9	0.7	0.4	0.8	2	7.3	25.1	51.7
14-16	0.2	0.1	0.1	0	0.1	0.2	0.7	2.4
16-18	0	0	0	0	0	0	0.1	0.5
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	21.9	0	0	0	0	0	0	0
4-6	36.8	16.6	0.1	0	0	0	0	0
6-8	29.8	50.5	31.5	2.5	0	0	0	0
8-10	8.7	29.7	58.1	68.8	31.8	1.1	0.1	0
10-12	2.3	2.9	10.1	28.6	67.3	92.8	70	22.5
12-14	0.4	0.2	0.1	0.2	0.9	6.1	29.9	77.5
14-16	0.1	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	19.6	0	0	0	0	0	0	0
4-6	44.5	21.6	0.3	0	0	0	0	0
6-8	25.4	60.7	48.5	8.2	0.8	0.1	0	0
8-10	6.7	15	46	74.6	48.7	13.7	2.8	0.4
10-12	2.9	1.5	3.9	14.8	44.2	71.3	62	39.5
12-14	0.7	0.8	1	2	5.4	13.3	31.9	54.1
14-16	0.2	0.2	0.3	0.4	0.7	1.3	2.7	4.9
16-18	0	0	0.1	0	0.1	0.3	0.6	1.1
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-41. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 41

Grid 41

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	7.3	0	0	0	0	0	0	0
4-6	23.2	16.7	0.5	0	0	0	0	0
6-8	19.7	35.7	41.3	7.9	0.2	0	0	0
8-10	33.2	30.9	41.8	68.7	46.9	10	1.6	0.1
10-12	14	13.4	12.2	18.2	43.7	70.4	61.1	36.4
12-14	2.1	2.7	3.4	4.5	8.1	17.2	32.8	54.4
14-16	0.5	0.5	0.6	0.6	0.9	2.1	3.9	7.8
16-18	0.1	0.1	0.1	0	0.1	0.2	0.5	1.2
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	14	0.1	0	0	0	0	0	0
4-6	31.8	16.1	0.5	0	0	0	0	0
6-8	23.4	42	44.4	8.3	0	0	0	0
8-10	16.4	29.9	45.8	80.1	60.1	7.2	0	0
10-12	11.4	9	7.6	10.9	39	88.8	90.4	0
12-14	2.5	2.4	1.4	0.7	0.9	4	9.6	0
14-16	0.4	0.5	0.3	0	0	0	0	0
16-18	0.1	0.1	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	5	0	0	0	0	0	0	0
4-6	18.2	17.4	0.3	0	0	0	0	0
6-8	17.9	35.8	34.3	5.5	0.4	0	0	0
8-10	42.9	32.8	39.9	48.5	29.5	9.2	1.3	0.1
10-12	13.7	10.9	17.5	32.2	49.9	62	53.9	28.7
12-14	1.7	2.5	6.8	11.8	17.2	24.3	37.5	57.7
14-16	0.6	0.5	1.2	1.8	2.5	3.8	6.1	11.5
16-18	0.1	0	0.1	0.2	0.5	0.6	1.1	2.1
18-20	0	0	0	0	0.1	0.1	0.1	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-42. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 42

Grid 42

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.5	0	0	0	0	0	0	0
4-6	4.4	3.3	0.5	0	0	0	0	0
6-8	12.2	16.2	18.2	5.8	0.1	0	0	0
8-10	61.9	52	41.7	43.2	26.2	5.8	0.9	0.1
10-12	17.3	23.3	30	37	53.4	63.8	49.2	25.3
12-14	2.7	4.3	8.2	12	17.7	27	43.6	62.4
14-16	0.9	0.8	1.2	1.8	2.3	3.1	5.8	11.4
16-18	0.2	0.1	0.1	0.2	0.2	0.3	0.5	0.8
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3.1	0	0	0	0	0	0	0
4-6	15.9	5	0.6	0	0	0	0	0
6-8	15.4	21	19.6	7.3	0.2	0	0	0
8-10	27.6	37.4	40.9	48.1	33.1	5.3	0.2	0
10-12	24.6	25.6	28.1	34.2	53.9	71	47.7	11.7
12-14	9.8	8.6	9	9.2	12.1	22.9	50.3	82.9
14-16	2.9	2.1	1.7	1.2	0.8	0.9	1.8	5.4
16-18	0.5	0.2	0.1	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.3	0	0	0	0	0	0	0
4-6	3.5	2.7	0.3	0	0	0	0	0
6-8	10.6	16.3	17.1	3.1	0.1	0	0	0
8-10	69	62.5	44.4	38	20.5	5.2	0.8	0.1
10-12	14	16.5	30.5	41.8	54.5	60.8	48.1	23.2
12-14	1.5	1.5	7.1	15.1	20.8	28	41.4	59.9
14-16	0.9	0.4	0.6	1.8	3.6	5.4	8.7	15.2
16-18	0.1	0.1	0.1	0.3	0.5	0.6	0.9	1.6
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-43. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 43

Grid 43

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	2.2	0	0	0	0	0	0	0
4-6	23.8	0.4	0.1	0	0	0	0	0
6-8	13.5	7.5	5.7	2.1	0.1	0	0	0
8-10	47.2	59	32.6	18.8	9.9	1.9	0.2	0
10-12	7.7	25.2	39.8	33	27.5	24.2	14.9	5.1
12-14	3.4	5.5	17.8	35.3	40.1	41.8	44.3	42.4
14-16	1.5	1.7	3.3	9.6	19.9	27.4	34.2	43.3
16-18	0.5	0.5	0.6	1.1	2.4	4.5	6.3	9.1
18-20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	42	0	0	0	0	0	0	0
4-6	36	0.3	0.1	0	0	0	0	0
6-8	18.9	1.4	2.2	2	0.2	0	0	0
8-10	1.7	36.9	16.3	10.6	7	1.3	0	0
10-12	1.4	50.5	52.3	33.1	23	18	9.3	1.5
12-14	0	9.2	24.7	42.3	45.5	44.9	44.3	38.7
14-16	0	1.4	3.7	10.8	22.1	31.3	39.7	50.6
16-18	0	0.3	0.6	1.1	2.2	4.4	6.5	9.3
18-20	0	0.1	0.1	0.1	0.1	0.1	0.1	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.8	0	0	0	0	0	0	0
4-6	30.4	0.6	0.2	0	0	0	0	0
6-8	12.6	9.8	14.3	4.6	0.2	0	0	0
8-10	40.8	65.1	60.5	49.3	31	7.4	1.1	0.1
10-12	8.1	16.9	15.7	30.6	51.6	68.2	54.9	28.3
12-14	3.8	4.6	7	13.9	15.5	21.7	38.4	61.3
14-16	1.9	2.1	1.7	1.4	1.6	2.7	5.4	9.8
16-18	0.5	0.7	0.4	0.3	0.1	0	0.2	0.4
18-20	0.1	0.1	0.1	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-44. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 44

Grid 44

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.8	0	0	0	0	0	0	0
4-6	28.6	0.5	0	0	0	0	0	0
6-8	5.7	13	11	0.5	0	0	0	0
8-10	6.7	36.2	40.9	39.5	14.8	1.9	0.8	0.3
10-12	12.6	21	12	15.9	43.7	53.6	39.5	34.3
12-14	20.1	14.8	18.6	11.8	7.2	11.7	28.7	55.1
14-16	15.5	9.5	12.5	23.2	20	15.2	7.6	8
16-18	7.1	4.1	4	7.9	13.3	16	22.9	2.2
18-20	1.6	0.8	0.8	1.1	1	1.6	0.5	0
20-22	0.3	0.1	0.1	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	8.9	0	0	0	0	0	0	0
4-6	15.7	0.4	0	0	0	0	0	0
6-8	3.6	3.4	2.4	0.4	0	0	0	0
8-10	7.3	21.4	25.1	31.2	12.9	0.8	0	0
10-12	18.4	33.5	16.7	15.9	38.8	48.6	22	0
12-14	27.6	28	31.2	14.1	7.5	9.1	16.2	0
14-16	13.3	9.2	18.5	28.1	23.8	18.2	10.5	0
16-18	4.1	3	4.8	9.1	15.6	21.2	50.2	0
18-20	0.9	0.8	1.1	1.2	1.2	2.2	1.2	0
20-22	0.3	0.2	0.2	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.3	0	0	0	0	0	0	0
4-6	50.4	1	0	0	0	0	0	0
6-8	8.7	18.5	23.8	2.2	0.4	0.1	0	0
8-10	4	40.7	55.2	72.5	31.7	8.3	1.1	0.5
10-12	7.2	13.4	4.6	16.2	44.1	53.4	41.2	23.9
12-14	12.5	11.4	4.7	6.5	18.5	31.1	48.8	62.9
14-16	9.9	9.8	7.4	2.3	5.4	7.1	8.9	12.7
16-18	4.8	4.3	3.6	0.2	0	0	0	0
18-20	0.9	0.8	0.6	0	0	0	0	0
20-22	0.2	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-45. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 45

Grid 45

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	5	0	0	0	0	0	0	0
4-6	39.3	0.2	0	0	0	0	0	0
6-8	15.8	5.5	14.5	3.5	0.3	0	0	0
8-10	12.6	14.1	10.9	33.9	32.8	14.1	3.6	0.7
10-12	4.9	16.9	6.5	3.9	25.4	56.6	59.7	36.9
12-14	7.5	27.1	22.6	7.6	3.8	11.8	31.2	53.7
14-16	12.2	24.3	30.5	28.7	15.1	9.1	5.4	8.7
16-18	2.7	9.9	12.3	19.5	20	7.1	0.2	0
18-20	0	1.7	2.3	2.5	2.5	1.3	0	0
20-22	0	0.3	0.4	0.3	0.1	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	28.6	0	0	0	0	0	0	0
4-6	33.7	0.3	0	0	0	0	0	0
6-8	13	5	8.6	2	0	0	0	0
8-10	0	2.4	8.3	29.7	22.2	6.5	0	0
10-12	6.9	9.3	3.4	2	16.7	32.3	0	0
12-14	12.2	41.7	24.4	7.2	2.3	1.7	0	0
14-16	4	29.8	37.5	32.4	22.4	31.7	0	0
16-18	1.5	9	14.2	23.3	31.7	20.3	0	0
18-20	0.2	2.1	3	3.1	4.6	7.4	0	0
20-22	0	0.4	0.6	0.3	0.2	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	4.3	0	0	0	0	0	0	0
4-6	41	0.3	0.1	0	0	0	0	0
6-8	16.5	6.5	25.8	11	1	0.1	0	0
8-10	11.6	22.4	22.4	55.2	42.4	13.3	3.1	0.7
10-12	4.6	16.9	11	23.3	45.3	64.7	56.6	32.5
12-14	6.7	19.7	10.5	5.4	9.3	18.6	34.9	57.2
14-16	12.5	22.4	18.1	2.8	1.9	3.3	5.4	9.6
16-18	2.8	9.9	10.1	2	0	0	0	0
18-20	0	1.6	1.7	0.3	0	0	0	0
20-22	0	0.2	0.2	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-46. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 46

Grid 46

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	10.1	0	0	0	0	0	0	0
4-6	36.4	1.1	0.1	0	0	0	0	0
6-8	12.8	2.7	8.3	9.7	0.5	0	0	0
8-10	1.9	1.8	10.2	55	49.7	14.3	2.6	0.8
10-12	4.9	4	2.5	18	45.8	74.2	70.7	46.8
12-14	17.7	28.4	11.3	1.5	3.3	11.2	26.3	51.1
14-16	11.7	42.1	40.2	6.7	0.4	0.2	0.4	1.3
16-18	3.8	17	23.4	8.3	0.4	0	0	0
18-20	0.6	2.6	3.5	0.9	0	0	0	0
20-22	0.1	0.4	0.4	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	5.5	0	0	0	0	0	0	0
4-6	17.1	1.7	0.2	0	0	0	0	0
6-8	12.3	4.5	9.6	6.8	0	0	0	0
8-10	1	1.3	10.4	51.3	43	9.4	0.3	0
10-12	6.9	3	1.7	22.8	52.9	77.2	68	37.4
12-14	30.9	33.3	12	1.8	3.8	13.4	31.6	62.6
14-16	19.2	39.9	40.3	5.8	0.2	0	0	0
16-18	6	13.5	21.7	10.2	0.1	0	0	0
18-20	0.8	2.3	3.6	1.3	0	0	0	0
20-22	0.2	0.4	0.5	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	15.5	0	0	0	0	0	0	0
4-6	59.2	0.9	0.1	0	0	0	0	0
6-8	8.1	1.9	8.1	11.8	1.3	0	0	0
8-10	4.5	2.9	10.5	59.3	57.4	17.7	2.8	0.4
10-12	5.1	5.8	4	13.4	39.9	77.8	76.4	49.6
12-14	3.6	25.7	9.6	0.8	1.1	4.5	20.8	50
14-16	3	41.8	37.5	7.3	0	0	0	0
16-18	0.8	17.7	25.7	6.7	0.3	0	0	0
18-20	0.1	2.7	3.9	0.7	0	0	0	0
20-22	0	0.5	0.5	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-47. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 47

Grid 47

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	9.6	0	0	0	0	0	0	0
4-6	28.1	18	0	0	0	0	0	0
6-8	38.6	55.8	45.8	1.5	0.2	0.1	0	0
8-10	17.9	21.6	51.7	88.1	51.7	15.8	2.2	0.4
10-12	4	2.9	1.9	9.9	46.1	70.2	65.5	33
12-14	1.3	1.3	0.5	0.3	1.5	10.5	23.7	48.2
14-16	0.4	0.3	0.2	0.2	0.5	2.9	7.2	16.5
16-18	0.1	0	0	0	0.1	0.6	1.4	1.9
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	11.3	0	0	0	0	0	0	0
4-6	25.3	15.2	0	0	0	0	0	0
6-8	37.1	54.2	43.9	1.5	0	0	0	0
8-10	19.1	23.9	52.8	87.5	52.6	3.9	0	0
10-12	5	4.4	2.4	10.6	46.8	95.2	0	0
12-14	1.6	1.8	0.6	0.3	0.4	0.8	0	0
14-16	0.4	0.5	0.2	0.1	0.1	0	0	0
16-18	0.1	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	10.9	0	0	0	0	0	0	0
4-6	28.4	17.8	0	0	0	0	0	0
6-8	37.1	52.1	40.5	0.6	0.1	0	0	0
8-10	21.5	28.9	57.7	89.6	49.4	8	1.3	0.4
10-12	1.6	0.9	1.7	9.4	47.4	60.9	43.3	19.5
12-14	0.3	0.2	0.1	0.2	2	21.4	38.4	53.9
14-16	0.1	0.1	0	0.1	0.9	8.2	14.8	24.1
16-18	0	0	0	0	0.3	1.5	2.3	2.1
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-48. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 48

Grid 48

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	6.1	0	0	0	0	0	0	0
4-6	28.7	0.3	0	0	0	0	0	0
6-8	20.2	24	19	1	0.1	0	0	0
8-10	37.1	50.3	49.6	55.8	22.3	5.7	0.6	0
10-12	5.2	16.8	12.5	21.1	50.7	66.2	47	18.7
12-14	2.2	6.4	13.7	9.5	10.1	24.7	45.3	67.9
14-16	0.5	1.8	4.6	11.4	13.3	3.5	7.1	13.2
16-18	0.1	0.3	0.5	1.1	3.1	0	0.1	0.3
18-20	0	0	0	0	0.4	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	22.4	0	0	0	0	0	0	0
4-6	24.4	0.1	0	0	0	0	0	0
6-8	17.2	13.1	11.2	0.6	0	0	0	0
8-10	23.3	45.3	48.4	55.5	13.8	0.2	0	0
10-12	8.8	29.2	17.2	22.8	52.1	29.8	6.2	0
12-14	2.8	9.5	17.1	8.7	9.4	67.3	93.8	0
14-16	0.8	2.3	5.5	11.1	18.4	2.7	0	0
16-18	0.3	0.4	0.6	1.3	5.6	0	0	0
18-20	0	0	0	0	0.8	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	8.7	0	0	0	0	0	0	0
4-6	46.3	0.5	0	0	0	0	0	0
6-8	13.8	34.2	33.6	3.2	0.3	0	0	0
8-10	25.8	58.2	62.8	68.8	32.3	4.2	0.3	0
10-12	3.1	5.6	2.2	24.3	56.5	74.1	59.8	23.5
12-14	2.2	1.2	1.2	3.5	10.5	20.6	37	70.1
14-16	0.2	0.3	0.2	0.1	0.4	1.1	2.9	6.4
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-49. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 49

Grid 49

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3.5	0	0	0	0	0	0	0
4-6	25	0.4	0	0	0	0	0	0
6-8	9.6	16.9	20.4	1.9	0.1	0	0	0
8-10	28.8	31.5	31	44.6	23.1	8.5	1.6	0.5
10-12	19.1	24.1	11	10.8	24.3	66.8	66.2	33.2
12-14	10	18	23.1	12.3	5.6	9.6	27.8	56.8
14-16	3.3	7.1	12.2	24.4	27.3	12.8	4.4	9.5
16-18	0.6	1.6	2.1	5.6	18.7	2.2	0	0
18-20	0.1	0.2	0.2	0.3	0.9	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	10.1	0	0	0	0	0	0	0
4-6	17.8	0.7	0	0	0	0	0	0
6-8	8.7	13.9	16.2	1.2	0	0	0	0
8-10	10.2	15.9	27.1	43.8	10.3	0	0	0
10-12	35.9	31.8	11.6	11.4	19.5	23.3	0	0
12-14	11.9	27	27.7	12.1	5.1	3.2	0	0
14-16	4.2	8.8	14.7	24.9	37	61.3	0	0
16-18	0.4	1.6	2.4	6.2	26.8	12.2	0	0
18-20	0.7	0.2	0.3	0.4	1.3	0	0	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3.6	0	0	0	0	0	0	0
4-6	32.3	0.4	0	0	0	0	0	0
6-8	11.2	22.9	33.2	10.8	0.3	0	0	0
8-10	29	46.7	51.8	77.3	59.6	12.5	0.2	0
10-12	13	13	4.6	11.4	38.5	78.5	77.1	0
12-14	8.5	9.6	5.3	0.3	1.6	9	22.7	0
14-16	1.9	5.6	4	0	0	0	0	0
16-18	0.3	1.6	0.9	0.1	0	0	0	0
18-20	0	0.2	0.1	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-50. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 50

Grid 50

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	2.8	0	0	0	0	0	0	0
4-6	12.8	18.4	0.1	0	0	0	0	0
6-8	4.2	24.5	12.3	0.4	0	0	0	0
8-10	13.8	14.1	51.6	36	10.8	0.1	0	0
10-12	26.1	12.6	31.7	61.4	83.1	82.6	46.1	13.2
12-14	19.6	12	1.2	1.9	6	17.3	53.8	85.9
14-16	14.3	11.5	1.6	0.1	0	0	0.1	0.9
16-18	5.4	5.7	1.2	0.2	0	0	0	0
18-20	0.8	1.1	0.3	0	0	0	0	0
20-22	0.1	0.2	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.3	0	0	0	0	0	0	0
4-6	22.3	35.9	0.1	0	0	0	0	0
6-8	7.8	41.1	76	6.3	0.1	0	0	0
8-10	8.6	2.2	22.5	78.5	42.4	3.4	0	0
10-12	21.9	5	1.4	15.2	57.4	96.6	0	0
12-14	19.4	7.3	0	0	0.1	0	0	0
14-16	13.3	6	0	0	0	0	0	0
16-18	4.5	2.2	0	0	0	0	0	0
18-20	0.7	0.3	0	0	0	0	0	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	20.6	0	0	0	0	0	0	0
4-6	53.5	8	0.1	0	0	0	0	0
6-8	8.3	18.9	5.5	0.3	0	0	0	0
8-10	6	35.1	49.6	33.7	10.4	0.1	0	0
10-12	7.6	18.7	41.1	63.6	83.5	82.5	45.8	13
12-14	2	6.4	1.2	2	6.1	17.3	54	86.1
14-16	1.2	7.1	1.3	0.1	0	0	0.1	0.9
16-18	0.7	4.5	1	0.2	0	0	0	0
18-20	0.2	1.2	0.2	0	0	0	0	0
20-22	0	0.2	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-51. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 51

Grid 51

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	6.5	0	0	0	0	0	0	0
4-6	6.2	10.1	0.3	0	0	0	0	0
6-8	2.2	14.5	28.9	6.3	0.1	0	0	0
8-10	9.2	8.4	31.5	69.2	55.9	10.7	0.7	0
10-12	13.5	8.3	3.5	10.3	39.9	82.3	77.1	37.2
12-14	28.1	19.2	5.3	0.5	1.7	7	22.1	62.3
14-16	24.1	25.4	16.6	5.9	0.4	0	0	0.5
16-18	8.6	11.6	10.9	6.3	1.5	0	0	0
18-20	1.4	2.2	2.6	1.4	0.4	0	0	0
20-22	0.3	0.4	0.4	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	5.2	0	0	0	0	0	0	0
4-6	7.7	20.3	0.4	0	0	0	0	0
6-8	1.6	18.5	71.3	13.7	0.3	0	0	0
8-10	7.3	2.2	18.2	67.3	61.4	15.2	0.8	0
10-12	15.3	7	3	18	37.4	82.6	92.1	0
12-14	31.2	22	1.6	0.8	0.9	2.2	7.1	0
14-16	23.1	21.8	4.2	0.1	0	0	0	0
16-18	7.3	7.1	1.3	0.1	0	0	0	0
18-20	1	0.9	0.1	0	0	0	0	0
20-22	0.2	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	21.4	0	0	0	0	0	0	0
4-6	13.9	8.8	0.3	0	0	0	0	0
6-8	8.3	20.4	27.8	6.2	0	0	0	0
8-10	13.8	15	32.8	69.6	57.2	9	0.2	0
10-12	7	8.4	3.4	9.3	38.3	84.4	78.8	37.3
12-14	8.2	11	4.9	0.3	1.5	6.6	20.9	62.7
14-16	15.9	20.7	16.2	6.3	0.5	0	0	0
16-18	8.9	12.1	11.3	6.6	1.9	0	0	0
18-20	2.2	3.1	2.9	1.5	0.5	0	0	0
20-22	0.4	0.5	0.5	0.2	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-52. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 52

Grid 52

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	21	0	0	0	0	0	0	0
4-6	6	3	0.1	0	0	0	0	0
6-8	7.4	14.9	14.2	3.5	0.2	0	0	0
8-10	51.6	54.4	53.5	61	37.8	9.1	1.6	0.2
10-12	11.8	22.1	24.7	29.8	55.8	80	72.4	44.7
12-14	1.7	4.7	6.1	4.7	5.8	10.7	25.2	52.1
14-16	0.4	0.8	1.3	1	0.4	0.2	0.8	2.6
16-18	0.1	0.1	0.1	0	0	0	0.1	0.4
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	65.7	0	0	0	0	0	0	0
4-6	17.7	2.3	0	0	0	0	0	0
6-8	2.3	11.9	12.5	2.4	0	0	0	0
8-10	10.5	56.1	56.7	65.5	35.5	4.6	0.6	0.1
10-12	3.1	21	23.3	27.4	59.5	83.3	69.6	45.9
12-14	0.5	6.7	5.8	3.8	4.8	11.9	29.5	53.1
14-16	0.2	1.7	1.6	0.8	0.2	0.1	0.3	0.9
16-18	0	0.2	0.1	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	10.7	0	0	0	0	0	0	0
4-6	5.1	5.6	0.4	0	0	0	0	0
6-8	8.1	22.6	31.2	8.1	0.5	0	0	0
8-10	33.3	58.6	46.9	59.7	44.5	11.3	2.3	0.3
10-12	11	11.3	17.6	28.6	49.8	77.9	68	37.5
12-14	1.3	1.6	3.6	3.2	4.8	10	27.1	54.5
14-16	0.5	0.4	0.3	0.3	0.3	0.7	2.3	6.6
16-18	0.1	0	0	0	0	0.1	0.3	1.1
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-53. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 53

Grid 53

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3.7	0	0	0	0	0	0	0
4-6	11.4	0.3	0	0	0	0	0	0
6-8	8.6	9	4.4	0.7	0.1	0	0	0
8-10	61.3	62.1	44.8	34.6	17.5	4.7	0.6	0
10-12	10.8	22.2	30.4	34.4	53.9	67.9	54.2	34.2
12-14	3.3	5.1	15.9	18.3	13.7	19.4	36	41.7
14-16	0.5	1.1	3.9	10.5	12.2	5.6	7.9	19.3
16-18	0.3	0.2	0.5	1.5	2.5	2.4	1.3	4.7
18-20	0.1	0	0.1	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	81.4	0	0	0	0	0	0	0
4-6	18.4	0.1	0	0	0	0	0	0
6-8	0.1	1.5	2.3	0.7	0	0	0	0
8-10	0.2	34.4	26.1	29	16.1	2.9	0.1	0
10-12	0	49.6	40	32.7	49.5	60.4	47.8	16.4
12-14	0	12	24.9	22.8	14.7	20.4	34.9	49.9
14-16	0	1.9	5.8	13	16.1	9.9	16	33.7
16-18	0	0.4	0.7	1.7	3.5	6.3	1.2	0
18-20	0	0.1	0.1	0	0	0.1	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	5.5	0	0	0	0	0	0	0
4-6	17.3	0.5	0	0	0	0	0	0
6-8	8.8	11.7	9.5	4.3	0.2	0	0	0
8-10	57.7	73.8	78.9	49.8	27.6	6.9	1.2	0
10-12	7.1	10.7	8.4	38.5	64.3	79.6	71	54.8
12-14	2.9	2.3	2.4	7.3	7.8	13.4	27.2	40.8
14-16	0.5	0.8	0.6	0.1	0	0.1	0.6	4.4
16-18	0.2	0.1	0.1	0	0	0	0	0
18-20	0.1	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-54. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 54

Grid 54

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3.5	0	0	0	0	0	0	0
4-6	56	0.2	0	0	0	0	0	0
6-8	9.5	5.8	6.3	0.7	0.1	0	0	0
8-10	13.6	34.7	38.5	46	25.1	7.8	0.4	0
10-12	7.8	16.8	10.3	17.2	58.2	91	94.9	0
12-14	4.8	21.7	15.2	4.8	1.8	1.2	4.7	0
14-16	3.7	14.6	20.3	18.5	5	0	0	0
16-18	0.9	5.1	7.8	10.9	8.5	0	0	0
18-20	0.1	0.9	1.5	1.7	1.2	0	0	0
20-22	0	0.2	0.2	0.2	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	42.2	0	0	0	0	0	0	0
4-6	45.8	0.1	0	0	0	0	0	0
6-8	2.5	3.9	3.3	0.6	0.1	0	0	0
8-10	2.1	23.2	27.9	40.4	24.9	9.4	0.5	0
10-12	3.1	16.5	12.1	16.8	55.5	89.8	99.1	0
12-14	2.5	29.9	19.1	5.7	2	0.8	0.3	0
14-16	1.4	18.6	25.3	21.6	5.9	0	0	0
16-18	0.4	5.9	9.7	12.7	10.1	0	0	0
18-20	0	1.4	2.1	1.9	1.5	0	0	0
20-22	0	0.4	0.3	0.2	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.6	0	0	0	0	0	0	0
4-6	57.5	0.7	0	0	0	0	0	0
6-8	10.6	8.6	9.9	1.6	1.1	0	0	0
8-10	9.4	44.3	51.7	65	45.9	0	0	0
10-12	4	14.2	7.5	12.5	53	0	0	0
12-14	2.8	16.1	10.3	2.1	0	0	0	0
14-16	3.3	11.2	14.2	12.2	0	0	0	0
16-18	0.8	4.2	5.6	6.2	0	0	0	0
18-20	0	0.6	0.8	0.4	0	0	0	0
20-22	0	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-55. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 55

Grid 55

Annual

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.1	0	0	0	0	0	0	0
4-6	2.7	0.5	0.1	0	0	0	0	0
6-8	15.8	2.7	12.7	19.6	0.8	0	0	0
8-10	4.9	3.8	6	61.6	89.4	0	0	0
10-12	9.3	5.2	4.1	10.6	9.5	0	0	0
12-14	32.2	27.4	8.3	0.2	0	0	0	0
14-16	24	40.5	38.1	2	0.1	0	0	0
16-18	8.3	16.7	26.7	5	0.3	0	0	0
18-20	1.4	2.7	3.7	1	0	0	0	0
20-22	0.3	0.4	0.3	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.2	0	0	0	0	0	0	0
4-6	1.4	0.6	0.2	0	0	0	0	0
6-8	4.5	3.9	34.4	18	0	0	0	0
8-10	1.2	3	18.3	66.5	92.1	0	0	0
10-12	12.1	4.3	3.9	14.6	7.9	0	0	0
12-14	41.4	30.7	4.6	0.1	0	0	0	0
14-16	27.6	39	19.8	0.4	0	0	0	0
16-18	9	15.3	16.2	0.5	0	0	0	0
18-20	1.4	2.7	2.4	0	0	0	0	0
20-22	0.2	0.5	0.2	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	2.6	0	0	0	0	0	0	0
4-6	3.6	0.6	0	0	0	0	0	0
6-8	22.1	2	4.8	15.2	1.7	0	0	0
8-10	13.5	6	2.8	40.8	82	0	0	0
10-12	10.2	7.7	5.6	7.5	14.6	0	0	0
12-14	20	26.2	10.9	0	0	0	0	0
14-16	19.5	38.4	42.9	4.7	0.3	0	0	0
16-18	7.1	16	28.6	24.3	1.4	0	0	0
18-20	1.1	2.7	4	7.5	0	0	0	0
20-22	0.3	0.5	0.3	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-56. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 56

Grid 56

Annual

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	35.5	0	0	0	0	0	0	0
4-6	11.4	0.9	0	0	0	0	0	0
6-8	21	23.9	18.1	0.9	0.1	0	0	0
8-10	24.5	56.5	57.6	58.2	8.3	5.8	0	0
10-12	3.8	9.7	7.6	23.5	57	62.6	0	0
12-14	2.5	6.2	10	3.6	5.4	16.5	0	0
14-16	1.1	2.3	5.8	11	14	15.2	0	0
16-18	0.2	0.5	0.9	2.7	11.2	0	0	0
18-20	0	0	0.1	0.1	4.1	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	52	0	0	0	0	0	0	0
4-6	7.5	1	0	0	0	0	0	0
6-8	9.4	21.6	13.4	0.5	0	0	0	0
8-10	20.3	47.5	57.2	55.7	2	0	0	0
10-12	6	16.8	10.5	27.1	60.5	0	0	0
12-14	3	9.4	11.2	3	4.7	0	0	0
14-16	1.4	3	6.6	10.5	15.1	0	0	0
16-18	0.3	0.7	1	3	13	0	0	0
18-20	0	0	0.1	0.2	4.7	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	23.9	0	0	0	0	0	0	0
4-6	12.8	0.6	0	0	0	0	0	0
6-8	28.6	22.4	26.7	12.3	2.2	0	0	0
8-10	32.4	72.5	70	81.9	52.8	0	0	0
10-12	1.4	3.5	2.6	5.2	40.5	0	0	0
12-14	0.7	0.8	0.6	0.5	4.5	0	0	0
14-16	0.1	0.1	0.1	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-57. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 57

Grid 57

Annual

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	4.2	0	0	0	0	0	0	0
4-6	15.5	0.1	0.1	0	0	0	0	0
6-8	22.6	7.9	11.5	5.1	0.8	0	0	0
8-10	38.5	39.6	36	46.6	45.9	21.6	2	0
10-12	13.7	19.4	10.8	13.4	27.9	67.7	55.9	0
12-14	5	21.6	20.8	6	1.1	7.8	30.9	0
14-16	0.3	9.1	16.9	19	16.4	2.8	11.2	0
16-18	0	2.1	3.5	9.4	6	0	0	0
18-20	0	0.2	0.3	0.5	2	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	23.7	0	0	0	0	0	0	0
4-6	30.9	0.1	0	0	0	0	0	0
6-8	39.4	9.9	11.3	0.8	0	0	0	0
8-10	1.9	25.6	34.6	43.2	5.1	0	0	0
10-12	0.6	21.2	8.7	16.1	34.7	0	0	0
12-14	0.7	29	21.9	5.7	0.7	0	0	0
14-16	2.4	11.5	18.8	21.4	39.9	0	0	0
16-18	0.3	2.4	4.1	12.1	14.8	0	0	0
18-20	0	0.3	0.5	0.7	4.9	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec)	Significant Wave Height (m) 0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3	0	0	0	0	0	0	0
4-6	14.8	0.1	0.2	0	0	0	0	0
6-8	21.6	7.5	11.7	34.1	2.1	0	0	0
8-10	40.5	57.4	42.5	62.3	89.5	0	0	0
10-12	14.5	13.9	14	1.5	8.5	0	0	0
12-14	5.3	12.7	14.8	0.2	0	0	0	0
14-16	0.2	6.5	13.4	1.5	0	0	0	0
16-18	0	1.6	3.2	0.3	0	0	0	0
18-20	0	0.2	0.2	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-58. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 58

Grid 58

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3.7	0	0	0	0	0	0	0
4-6	1.7	0.2	0.1	0	0	0	0	0
6-8	2.4	1.8	5.3	36.5	2.7	0	0	0
8-10	12.4	12.9	7.1	53	92.6	0	0	0
10-12	34	25.5	15.3	2.3	4.7	0	0	0
12-14	28.4	34.8	26.3	1.7	0	0	0	0
14-16	13.3	19.1	36.2	5	0	0	0	0
16-18	3.7	5.1	9.2	1.5	0	0	0	0
18-20	0.4	0.5	0.5	0.1	0	0	0	0
20-22	0.1	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	2.7	0	0	0	0	0	0	0
4-6	0.7	0.2	0	0	0	0	0	0
6-8	2.7	2.6	2.1	2.3	0	0	0	0
8-10	14	11.5	5.7	26.4	0	0	0	0
10-12	39.8	28	4.8	9.3	0	0	0	0
12-14	26.5	36.8	23.8	4.9	0	0	0	0
14-16	10.9	16.8	45.7	39.9	0	0	0	0
16-18	2.4	3.8	16.1	16.5	0	0	0	0
18-20	0.2	0.3	1.8	0.7	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	6.2	0	0	0	0	0	0	0
4-6	7.8	0.4	0.1	0	0	0	0	0
6-8	5.9	2.3	6.5	40.9	1.9	0	0	0
8-10	16.2	13.4	7.2	55.7	93.5	0	0	0
10-12	19.8	23.2	15.2	1	4.7	0	0	0
12-14	25.1	34.2	25.6	1.1	0	0	0	0
14-16	14.2	20.1	35.8	1.2	0	0	0	0
16-18	4.2	5.7	9	0	0	0	0	0
18-20	0.5	0.6	0.5	0	0	0	0	0
20-22	0.1	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-59. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 59

Grid 59

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.3	0	0	0	0	0	0	0
4-6	5.1	2.9	0	0	0	0	0	0
6-8	21.6	27.6	16.2	1.9	0	0	0	0
8-10	42.2	44.2	56.5	56.3	24.5	1.6	0	0
10-12	16.2	19.3	25.6	40.9	74.6	96.9	0	0
12-14	7.6	3	0.8	0.6	0.8	1.5	0	0
14-16	5.1	1.9	0.6	0.2	0.1	0	0	0
16-18	1.6	0.8	0.3	0.1	0	0	0	0
18-20	0.3	0.1	0.1	0	0	0	0	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.4	0	0	0	0	0	0	0
4-6	4.6	3.4	0.1	0	0	0	0	0
6-8	43.1	53.4	41.6	9.7	0	0	0	0
8-10	32.4	30.5	54.9	88	94.6	0	0	0
10-12	9.4	9	2	2.2	5.4	0	0	0
12-14	5.7	2.4	1.2	0.1	0	0	0	0
14-16	3.4	1.1	0.1	0	0	0	0	0
16-18	1	0.3	0.1	0	0	0	0	0
18-20	0.1	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.7	0	0	0	0	0	0	0
4-6	12.6	2.3	0	0	0	0	0	0
6-8	28.4	16.4	13.8	1.8	0	0	0	0
8-10	31.5	49.7	53.6	52.5	22.3	0.4	0	0
10-12	14.3	25.8	30.7	44.8	76.6	97.5	0	0
12-14	5.5	2.5	0.8	0.7	0.9	2.1	0	0
14-16	4.4	2	0.7	0.2	0.1	0	0	0
16-18	2.1	1	0.3	0.1	0	0	0	0
18-20	0.3	0.2	0.1	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-60. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 60

Grid 60

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.6	0	0	0	0	0	0	0
4-6	2.4	4.8	0.1	0	0	0	0	0
6-8	3.5	16.4	24	4.4	0	0	0	0
8-10	30.4	21.2	26.5	67.8	51.2	1.4	0	0
10-12	23.3	22.9	28	24.1	47	92.9	86.4	0
12-14	20.1	14.9	5.8	1.6	1.7	5.7	13.6	0
14-16	13.4	13.2	8.9	0.9	0	0	0	0
16-18	4.6	5.5	5.3	1	0.1	0	0	0
18-20	0.6	1	1.2	0.2	0	0	0	0
20-22	0.1	0.2	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.5	0	0	0	0	0	0	0
4-6	5.4	10.3	0.1	0	0	0	0	0
6-8	7.4	39.7	65.3	4	0.3	0	0	0
8-10	22.3	11.3	31.4	94	92.6	0	0	0
10-12	22	13.5	0.6	2	7.1	0	0	0
12-14	22.9	12.8	1.1	0	0	0	0	0
14-16	13.7	9.2	1.2	0	0	0	0	0
16-18	4.1	2.8	0.3	0	0	0	0	0
18-20	0.6	0.4	0	0	0	0	0	0
20-22	0.1	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	33	0	0	0	0	0	0	0
4-6	5.8	0.9	0	0	0	0	0	0
6-8	21.1	5.1	16.8	3.8	0	0	0	0
8-10	21.2	32.9	28.1	66.5	50.8	1.4	0	0
10-12	7.9	29.7	33.9	26	47.4	92.9	86.4	0
12-14	4.2	11.4	5.8	1.6	1.7	5.7	13.6	0
14-16	4.1	12.1	8.6	0.9	0	0	0	0
16-18	2.1	6.1	5.3	0.9	0.1	0	0	0
18-20	0.6	1.4	1.3	0.2	0	0	0	0
20-22	0.1	0.2	0.2	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-61. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 61

Grid 61

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	18.7	0	0	0	0	0	0	0
4-6	13	2.8	0.1	0	0	0	0	0
6-8	7.4	5.9	12.1	7.3	0.1	0	0	0
8-10	8.6	4.8	11.1	50.4	61	8	0.5	0
10-12	7.1	9	5.5	3.5	29.2	89.5	90.8	0
12-14	20.4	32.5	13.6	1.9	0.3	2.5	8.7	0
14-16	17.7	32.2	35.6	17.2	3.1	0	0	0
16-18	6.1	11	18.3	16.6	5.4	0	0	0
18-20	0.9	1.5	3.2	3	0.9	0	0	0
20-22	0.2	0.3	0.4	0.2	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	17.5	0	0	0	0	0	0	0
4-6	18.2	4.1	0.2	0	0	0	0	0
6-8	2.5	10.1	47.7	16.5	1.2	0	0	0
8-10	3.9	3.2	12.5	71.4	78.5	13.3	0	0
10-12	10.4	11.6	2.3	4.3	19.2	82	0	0
12-14	26.2	35.8	10.5	1.5	1.1	4.7	0	0
14-16	16.3	26.9	20.8	6.1	0	0	0	0
16-18	4.4	7.4	5.7	0.2	0	0	0	0
18-20	0.5	0.8	0.4	0	0	0	0	0
20-22	0.1	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	17.3	0	0	0	0	0	0	0
4-6	10.9	5	0.1	0	0	0	0	0
6-8	20.8	6.8	9.2	7.3	0	0	0	0
8-10	20.1	8.1	8.8	44.3	60.8	6.1	0	0
10-12	2.8	6.6	6.9	3.1	25	92.6	98	0
12-14	6.2	22.9	13.4	2.2	0.1	1.3	2	0
14-16	13.7	33.1	37	19.7	4.3	0	0	0
16-18	6.6	14.1	20.2	19.6	8.3	0	0	0
18-20	1.3	2.7	3.9	3.6	1.4	0	0	0
20-22	0.3	0.6	0.6	0.3	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-62. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 62

Grid 62

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	39.6	0	0	0	0	0	0	0
4-6	35.4	27.3	0.1	0	0	0	0	0
6-8	16	41.3	30.6	2	0	0	0	0
8-10	7.5	24.6	48.2	54.9	19.9	0.9	0	0
10-12	1.4	6.6	20.2	40.9	75.4	85.8	45.9	8.2
12-14	0.1	0.2	0.9	2.2	4.6	13.3	54.1	91.8
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	36.5	0	0	0	0	0	0	0
4-6	29.6	14.6	0	0	0	0	0	0
6-8	22.5	48.1	22.7	0.6	0	0	0	0
8-10	9.6	31.2	56.7	55.4	16.1	0.4	0	0
10-12	1.7	5.9	20	42	78.7	84	37.4	2.1
12-14	0.1	0.1	0.5	2	5.1	15.7	62.6	97.9
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	43.8	0	0	0	0	0	0	0
4-6	47.8	60	0.1	0	0	0	0	0
6-8	6.8	37.7	79.1	13.8	0	0	0	0
8-10	1.3	2.1	20.6	82.9	70.2	8.6	0	0
10-12	0.4	0.1	0.2	3.4	29.8	89.6	84.3	0
12-14	0.1	0	0	0	0	1.8	15.7	0
14-16	0	0	0	0	0	0	0	0
16-18	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-63. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 63

Grid 63

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.4	0	0	0	0	0	0	0
4-6	2.5	2	0.1	0	0	0	0	0
6-8	8.7	11.2	13.2	4.6	0.7	0	0	0
8-10	66.9	49.3	50.5	59.1	47.4	18.9	2.1	0
10-12	17.8	27.6	23.5	28.8	46.7	75.3	86.3	44
12-14	3	7.9	9.1	5	4.5	5.6	11.2	53.6
14-16	0.6	1.8	3.3	2.3	0.7	0.2	0.4	2.4
16-18	0.1	0.2	0.2	0.2	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	2.5	0	0	0	0	0	0	0
4-6	1.2	0.1	0	0	0	0	0	0
6-8	6.1	5.3	8.4	1.8	0.5	0	0	0
8-10	56.9	47.9	52.6	55.6	25.3	10.8	0	0
10-12	24.6	31.9	25.3	34.5	67.5	81.8	86	0
12-14	6.6	11.3	9.8	5.2	5.7	7.2	14	0
14-16	2	3.1	3.6	2.7	0.9	0.1	0	0
16-18	0.1	0.3	0.3	0.3	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.6	0	0	0	0	0	0	0
4-6	3.6	5.5	0.4	0	0	0	0	0
6-8	11.2	24	46.6	10	0.5	0	0	0
8-10	72.3	58.7	42.5	76.6	68.5	17.2	0.3	0
10-12	10.4	9.9	8.9	12.9	29.4	76	75	38.9
12-14	1.4	1.6	1.3	0.5	1.6	6.5	23.4	58.1
14-16	0.4	0.3	0.3	0	0	0.3	1.2	3
16-18	0.1	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-64. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 64

Grid 64

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	2	0	0	0	0	0	0	0
4-6	8	0.1	0	0	0	0	0	0
6-8	6.5	0.8	1.1	0.1	0	0	0	0
8-10	9.5	3.6	9.2	22.7	11.3	0	0	0
10-12	9.1	5.3	3.4	20.6	60.9	0	0	0
12-14	25.5	36.2	17.5	4.3	1.2	0	0	0
14-16	27.3	38.5	44.7	24.2	6	0	0	0
16-18	10.1	13	20.7	24.9	17.7	0	0	0
18-20	1.6	2	3	3	3	0	0	0
20-22	0.4	0.4	0.4	0.2	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	4.5	0	0	0	0	0	0	0
4-6	9	0	0	0	0	0	0	0
6-8	2.5	0.9	1.1	0.3	0	0	0	0
8-10	3.5	1	1.6	2.7	0	0	0	0
10-12	6.9	4.2	1.2	6.7	0	0	0	0
12-14	28.8	35.5	15.4	10.7	0	0	0	0
14-16	31	41.1	47.5	28.7	0	0	0	0
16-18	11.2	14.3	27.9	43.2	0	0	0	0
18-20	2.1	2.5	4.6	7.7	0	0	0	0
20-22	0.5	0.5	0.8	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	2.1	0	0	0	0	0	0	0
4-6	15.2	0.6	0	0	0	0	0	0
6-8	15.4	1.4	1.4	0.1	0	0	0	0
8-10	18.6	9.3	14.8	22.8	14.1	0	0	0
10-12	10.7	8.7	5.7	22.3	56.1	0	0	0
12-14	15.2	35.7	18.9	5.4	0.6	0	0	0
14-16	15.9	31.9	39.5	24.2	7.7	0	0	0
16-18	5.8	10.3	16.8	22.3	18.6	0	0	0
18-20	0.9	1.6	2.5	2.7	2.8	0	0	0
20-22	0.2	0.4	0.3	0.2	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-65. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 65

Grid 65

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.6	0	0	0	0	0	0	0
4-6	4	0.1	0	0	0	0	0	0
6-8	4.2	0.4	1.8	1.4	0	0	0	0
8-10	3	1.9	4.5	14.8	24.1	0	0	0
10-12	8.2	9.4	4.5	5.4	21.3	0	0	0
12-14	31.8	38.1	24.9	10.5	1.3	0	0	0
14-16	31.7	35.1	44.5	41.5	28.1	0	0	0
16-18	12.6	12.6	17.3	23.8	24.4	0	0	0
18-20	2.4	2	2.4	2.6	0.8	0	0	0
20-22	0.6	0.3	0.2	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3	0	0	0	0	0	0	0
4-6	4.4	0	0	0	0	0	0	0
6-8	2.3	0.3	0.3	0.1	0	0	0	0
8-10	1.6	0.9	1	15.9	0	0	0	0
10-12	8.3	9.4	3	11.9	0	0	0	0
12-14	33.2	37.7	26.7	10.3	0	0	0	0
14-16	31.8	35.2	44.9	46.8	0	0	0	0
16-18	12.4	13.8	20.6	13.9	0	0	0	0
18-20	2.5	2.3	2.9	1	0	0	0	0
20-22	0.6	0.4	0.5	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.5	0	0	0	0	0	0	0
4-6	7.9	0.6	0	0	0	0	0	0
6-8	12.7	1	2.7	1.7	0	0	0	0
8-10	8.6	3.6	7.1	16.4	22.7	0	0	0
10-12	10	11.2	5.8	5.2	11.8	0	0	0
12-14	24.2	38	26.4	12	0.4	0	0	0
14-16	23.6	32.6	40.4	41.1	36.5	0	0	0
16-18	9.2	10.8	15	21.5	27.6	0	0	0
18-20	1.8	1.9	2.2	2.1	0.9	0	0	0
20-22	0.5	0.3	0.3	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-66. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 66

Grid 66

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	32.1	0	0	0	0	0	0	0
4-6	25.8	3	0	0	0	0	0	0
6-8	16.1	22.7	17.5	0.9	0	0	0	0
8-10	17.3	38.1	44.2	48.7	0	0	0	0
10-12	3.5	13.3	9.1	33	0	0	0	0
12-14	3.1	14.7	14.9	5.3	0	0	0	0
14-16	1.6	6.5	11.6	9.7	0	0	0	0
16-18	0.4	1.5	2.4	2.4	0	0	0	0
18-20	0.1	0.2	0.3	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	39.6	0	0	0	0	0	0	0
4-6	18	1.7	0	0	0	0	0	0
6-8	9.6	19.9	17.1	6.1	0	0	0	0
8-10	19.4	31.6	29.8	3.8	0	0	0	0
10-12	5.6	15.7	9.3	2	0	0	0	0
12-14	4.2	19.6	18.4	1.2	0	0	0	0
14-16	2.7	9	19.8	72.4	0	0	0	0
16-18	0.7	2.2	4.9	13.8	0	0	0	0
18-20	0.1	0.3	0.7	0.6	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	25.6	0	0	0	0	0	0	0
4-6	32.6	5.1	0	0	0	0	0	0
6-8	19.6	27.6	16.3	0.5	0	0	0	0
8-10	19.4	51	57.7	55.8	0	0	0	0
10-12	1.7	7.7	9.1	28.3	0	0	0	0
12-14	0.9	5.6	9.4	5	0	0	0	0
14-16	0.2	2.3	6.1	7.9	0	0	0	0
16-18	0	0.5	1.2	2.4	0	0	0	0
18-20	0	0.1	0.1	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-67. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 67

Grid 67

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	2.2	0	0	0	0	0	0	0
4-6	11.7	0.2	0	0	0	0	0	0
6-8	17	9.6	9.5	0.7	0	0	0	0
8-10	42	18.9	27.9	37.9	12.1	0	0	0
10-12	17	25.2	12.1	18.2	71.5	65.6	0	0
12-14	7.4	29.4	28.4	15	7.5	34	0	0
14-16	2.1	13.1	18.1	24.2	6.2	0.4	0	0
16-18	0.4	3.2	3.6	3.8	2.7	0	0	0
18-20	0.1	0.4	0.3	0.2	0	0	0	0
20-22	0.1	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	7.5	0	0	0	0	0	0	0
4-6	4.1	0.1	0	0	0	0	0	0
6-8	12.4	11.2	14.6	0.5	0	0	0	0
8-10	10.5	12	17.1	15.8	0	0	0	0
10-12	33	23.7	7.4	8.6	0	0	0	0
12-14	23.3	33.4	28	6.7	0	0	0	0
14-16	8.3	15.5	25.1	47.3	0	0	0	0
16-18	0.8	3.7	7	19.4	0	0	0	0
18-20	0.1	0.5	0.9	1.7	0	0	0	0
20-22	0	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1	0	0	0	0	0	0	0
4-6	15	1.1	0	0	0	0	0	0
6-8	19.9	8.8	8.5	0.8	0	0	0	0
8-10	52.9	30.5	33.7	41.4	13.1	0	0	0
10-12	10.3	24.6	12.8	14.2	57.4	4.6	0	0
12-14	0.7	23.1	26.4	15.2	9.7	94.3	0	0
14-16	0.2	9.3	15.4	23.9	13.7	1.1	0	0
16-18	0	2.3	2.9	4.3	6.1	0	0	0
18-20	0	0.3	0.2	0.2	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-68. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 68

Grid 68

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.7	0	0	0	0	0	0	0
4-6	2	0.1	0	0	0	0	0	0
6-8	3.7	3.3	5.6	1.2	0	0	0	0
8-10	21.6	14.4	20.4	29.9	18.9	7.1	0	0
10-12	39.6	28	15.9	18.6	41.7	65.9	63.5	0
12-14	21.1	34	31.2	19.7	14.6	16.5	36.5	0
14-16	8.5	15.8	22.1	25.3	21.4	10.5	0	0
16-18	2.6	3.9	4.5	5	3.4	0	0	0
18-20	0.2	0.4	0.3	0.3	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.9	0	0	0	0	0	0	0
4-6	1.7	0.1	0	0	0	0	0	0
6-8	2.3	3.8	8.1	1.2	0	0	0	0
8-10	17.1	14.8	22.9	42	9.3	0	0	0
10-12	46	30.2	16.4	25.2	90.7	0	0	0
12-14	21.5	33.8	31.4	12.6	0	0	0	0
14-16	8	13.9	17.5	18.2	0	0	0	0
16-18	2.3	3.1	3.6	0.9	0	0	0	0
18-20	0.1	0.3	0.2	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.2	0	0	0	0	0	0	0
4-6	5.1	0.5	0	0	0	0	0	0
6-8	11.7	2.1	4.3	1.3	0	0	0	0
8-10	45.2	12.3	17.5	29.3	19.9	8.6	0	0
10-12	19.2	25.7	15.6	15.8	33.9	66.5	0	0
12-14	10.4	36.6	32.6	20.2	14.2	12.6	0	0
14-16	5.2	17.9	24.3	27.4	27.7	12.2	0	0
16-18	1.6	4.5	5.1	5.6	4.2	0	0	0
18-20	0.3	0.4	0.4	0.4	0	0	0	0
20-22	0	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-69. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 69

Grid 69

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.2	0	0	0	0	0	0	0
4-6	1.5	0.8	0	0	0	0	0	0
6-8	12.4	7	4.3	0.8	0.1	0	0	0
8-10	47.9	34.6	34.5	33.2	17.6	14.4	5.3	0
10-12	17.6	20.3	26.3	40.2	65.3	80.1	88.9	0
12-14	11.5	18.2	9.6	3	2.4	5.2	3.9	0
14-16	6.3	13.8	16.5	12.5	5.6	0.4	1.8	0
16-18	2.2	4.5	7.3	8.8	7.7	0	0	0
18-20	0.3	0.6	1.2	1.4	1.4	0	0	0
20-22	0.1	0.1	0.1	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.5	0	0	0	0	0	0	0
4-6	2.9	1.5	0.4	0	0	0	0	0
6-8	22.2	14.2	30.2	15.8	0.2	0	0	0
8-10	39.8	31	27.2	61.4	62.7	14.9	0	0
10-12	14.8	18.1	13.5	15	33.4	73.7	0	0
12-14	11.9	19.4	12.4	4.2	2.5	8.8	0	0
14-16	5.8	12.1	12.7	2.5	0.8	2.6	0	0
16-18	1.8	3.3	3.3	0.9	0.4	0	0	0
18-20	0.3	0.4	0.3	0.1	0	0	0	0
20-22	0.1	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0	0	0	0	0	0	0	0
4-6	0.5	0.9	0	0	0	0	0	0
6-8	50.9	4.9	1.6	0.1	0	0	0	0
8-10	80.4	42.9	34.1	29.7	10.2	0.3	0	0
10-12	5.1	22.5	32.4	43.8	69.1	83.6	0	0
12-14	2	11.7	7.8	3.2	3	16.1	0	0
14-16	1.1	11.4	15	12.5	6.4	0	0	0
16-18	0	4.7	7.5	9.1	9.6	0	0	0
18-20	0	0.9	1.4	1.5	1.7	0	0	0
20-22	0	0.2	0.2	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-70. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 70

Grid 70

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.2	0	0	0	0	0	0	0
4-6	1	0.1	0	0	0	0	0	0
6-8	3.3	2.2	3.4	0.9	0.1	0	0	0
8-10	7.6	9.8	15.8	26.6	29.4	18	2.8	0
10-12	12.5	11.3	6.7	12	37	76.7	83.3	0
12-14	30	37.1	17	3.8	1.8	5.2	13.9	0
14-16	30.7	29.7	38.5	29	13.1	0	0	0
16-18	11.5	8.5	15.9	24.4	16.6	0.1	0	0
18-20	1.9	1.1	2.3	3.1	2.1	0	0	0
20-22	0.3	0.2	0.3	0.2	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3.1	0	0	0	0	0	0	0
4-6	2.4	0.1	0.1	0	0	0	0	0
6-8	2.9	3.2	16.6	9.7	0.4	0	0	0
8-10	7	11.1	25.3	73.2	63.8	20.1	3.7	0
10-12	22.9	15.4	9	9.1	32.7	72.7	78.8	0
12-14	35.4	38.8	17.3	2	2.9	7.2	17.5	0
14-16	20.1	24.4	24.6	4.9	0.1	0	0	0
16-18	5.3	6.2	6.5	1.1	0.2	0	0	0
18-20	0.9	0.6	0.5	0	0	0	0	0
20-22	0.1	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.1	0	0	0	0	0	0	0
4-6	0.3	0.5	0	0	0	0	0	0
6-8	7.5	1.5	0.6	0.2	0	0	0	0
8-10	15.1	8.5	12.2	21.1	16.8	11.8	0	0
10-12	4.8	5.5	7.6	13.3	37.8	80.7	0	0
12-14	17	33.3	15.7	3.9	2.3	7.5	0	0
14-16	34.3	35.9	41.3	30.9	18.7	0	0	0
16-18	17.3	12	19	26.9	21.3	0	0	0
18-20	3.1	2.2	3.1	3.5	3.1	0	0	0
20-22	0.6	0.6	0.5	0.2	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-71. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 71

Grid 71

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	6.2	0	0	0	0	0	0	0
4-6	6.6	1.4	0.1	0	0	0	0	0
6-8	10.9	8.1	16.3	9.9	0.1	0	0	0
8-10	44.4	43.5	44	69.6	56.1	8.5	0.1	0
10-12	21.9	25.5	16.4	16.6	42.6	88.6	72.1	0
12-14	7	13.1	10.4	2.2	1	2.9	27.8	0
14-16	2.3	6.2	9.4	1.4	0.2	0	0	0
16-18	0.6	1.8	3.1	0.3	0	0	0	0
18-20	0.1	0.3	0.4	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	5.1	0	0	0	0	0	0	0
4-6	8.2	1	0.2	0	0	0	0	0
6-8	10	2.9	14.4	13.8	0.1	0	0	0
8-10	32.5	27.6	28.5	67.7	58.3	5.5	0	0
10-12	28.6	38.5	24.3	15	39.9	90.4	65.8	0
12-14	10.8	20.3	15.4	2.4	1.7	4	34.2	0
14-16	3.8	7.8	12.9	0.9	0	0	0	0
16-18	0.8	1.6	3.8	0.3	0	0	0	0
18-20	0.1	0.2	0.4	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	10.2	0	0	0	0	0	0	0
4-6	9.4	2.2	0	0	0	0	0	0
6-8	13.8	14.1	16.9	1	0	0	0	0
8-10	55	61	64.8	81	17.1	0	0	0
10-12	7.9	9.8	5.6	10.9	63.2	0	0	0
12-14	2.3	7	4.8	3.7	0	0	0	0
14-16	0.9	4.2	5.2	3	18.9	0	0	0
16-18	0.3	1.5	2.3	0.4	0.7	0	0	0
18-20	0.1	0.3	0.3	0	0	0	0	0
20-22	0	0	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-72. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 72

Grid 72

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.9	0	0	0	0	0	0	0
4-6	4.1	0.5	0.1	0	0	0	0	0
6-8	6.4	5.3	9	3.8	0.2	0	0	0
8-10	26.2	18.1	22.3	39.3	37.8	12.6	1	0
10-12	21.5	19.4	11.3	13.7	37.6	73.2	68.5	41.1
12-14	22	28.2	22.9	12.8	8.8	12	30.1	57.3
14-16	13.6	20.4	24.7	21	10.4	0.9	0.4	1.6
16-18	4.5	6.8	8.5	8.6	5	1.3	0	0
18-20	0.7	1.1	1.1	0.7	0.2	0	0	0
20-22	0.2	0.2	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	2.7	0	0	0	0	0	0	0
4-6	2.5	0.3	0.1	0	0	0	0	0
6-8	4.1	3.8	10	7.9	0.2	0	0	0
8-10	12.3	14.4	22.9	52.1	46.2	12.8	0.8	0
10-12	22.3	17.5	10.9	24.6	45.9	76.4	72.7	40.2
12-14	31.1	31.4	19.6	6.7	6.8	10.5	26	57.9
14-16	17.9	23	24.3	5.2	0.5	0.4	0.5	1.8
16-18	5.7	7.7	10.1	2.8	0.4	0	0	0
18-20	1.1	1.7	1.8	0.6	0.1	0	0	0
20-22	0.3	0.3	0.2	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.7	0	0	0	0	0	0	0
4-6	10.3	1.2	0	0	0	0	0	0
6-8	11.5	8	9.4	2.7	0.1	0	0	0
8-10	41.2	24.3	25	35.4	29.2	15.1	1.2	0
10-12	15.2	21.4	11	9.7	20.4	44.5	92.4	0
12-14	11.2	24.5	25	16.2	12.3	11.9	6.4	0
14-16	7.1	14.8	21.7	25.4	26.3	4.5	0	0
16-18	2.4	5	6.8	9.7	11.1	24.1	0	0
18-20	0.3	0.7	0.8	0.8	0.6	0	0	0
20-22	0.1	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-73. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 73

Grid 73

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3.3	0	0	0	0	0	0	0
4-6	30.3	0.4	0	0	0	0	0	0
6-8	22.6	2	3.3	0.6	0	0	0	0
8-10	40.5	2.6	9.7	24.8	16.8	0.6	0	0
10-12	2.4	10.7	3.4	6.9	29.1	4.3	0	0
12-14	0.5	39.1	26.2	7.8	4.7	17.7	0	0
14-16	0.3	31.5	40.3	37	22.8	23.7	0	0
16-18	0	11.4	14.7	21	24.3	49.8	0	0
18-20	0	1.9	2.1	1.9	2.3	4	0	0
20-22	0	0.4	0.3	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	10.1	0	0	0	0	0	0	0
4-6	63.2	0.1	0	0	0	0	0	0
6-8	22.9	2.2	4.2	1.2	0.6	0	0	0
8-10	1.5	1.3	5.4	26.9	58.8	0	0	0
10-12	1.2	7.3	1.4	0.7	30.6	0	0	0
12-14	0.5	37	24.4	5.1	9	0	0	0
14-16	0.6	35.6	41.3	44.8	0.2	0	0	0
16-18	0	13.4	19.2	18.4	0.8	0	0	0
18-20	0	2.5	3.4	2.6	0	0	0	0
20-22	0	0.6	0.7	0.4	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.1	0	0	0	0	0	0	0
4-6	15	2.6	0	0	0	0	0	0
6-8	22.8	2.7	3.4	0.6	0	0	0	0
8-10	59.7	5.8	14.1	26.2	19.2	0.1	0	0
10-12	2.2	19.7	5.9	8.6	28.1	3.9	0	0
12-14	0.1	38.8	28.8	8.9	5.4	11.3	0	0
14-16	0.1	21.9	35	35.1	22.9	22.5	0	0
16-18	0	7.1	11	18.8	22.2	57.5	0	0
18-20	0	1.2	1.6	1.7	2.2	4.6	0	0
20-22	0	0.4	0.2	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-74. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 74

Grid 74

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.3	0	0	0	0	0	0	0
4-6	6.2	2.5	0.3	0	0	0	0	0
6-8	38.4	23	18.6	7.1	0.2	0	0	0
8-10	27.8	28	24.8	27.8	20.8	5.4	0	0
10-12	14.6	24.7	23.7	22.7	32.5	42.9	29.7	10.3
12-14	8.3	14.5	24.2	31	32.1	40	62	78.4
14-16	3.4	5.7	7.2	10.6	13.7	11.6	8.2	11.3
16-18	0.8	1.4	1	0.7	0.7	0.1	0	0
18-20	0.1	0.2	0.1	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.5	0	0	0	0	0	0	0
4-6	7.5	3.2	0.3	0	0	0	0	0
6-8	47.9	31.9	32.1	11.9	0.1	0	0	0
8-10	20.8	23.2	24.1	50.9	47.5	7.8	0	0
10-12	12.7	22.7	19.2	17.7	37.1	74	75.3	0
12-14	7	12.5	18.1	15.6	12	16.2	24.7	0
14-16	2.7	5	5	3.9	3.3	2	0	0
16-18	0.8	1.3	0.9	0.1	0	0	0	0
18-20	0.1	0.2	0.1	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.3	0	0	0	0	0	0	0
4-6	4.4	2.5	0.3	0	0	0	0	0
6-8	29.3	16.3	13.2	5.5	0.2	0	0	0
8-10	38.9	35.2	28.3	22.4	14.4	4.2	0.1	0
10-12	15.8	25.8	24	22	26.8	33.6	26	10.3
12-14	7.8	14.2	25.2	35.2	38.5	44.8	60.6	72
14-16	2.7	4.7	7.8	13.6	19	17.2	13.3	17.7
16-18	0.7	1.1	1.1	1.2	1	0.2	0	0
18-20	0	0.1	0.1	0.1	0.1	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-75. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 75

Grid 75

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	7.3	0	0	0	0	0	0	0
4-6	15.7	4.3	0.2	0	0	0	0	0
6-8	16.5	11.1	8.3	3.3	0.1	0	0	0
8-10	10.5	18.2	16.1	19.9	13.2	2.9	0.2	0
10-12	15	21	18.4	15.5	22.5	27	17.7	10.7
12-14	19.2	25.9	32.7	28	26.2	32.1	42	46
14-16	11.4	14.6	19.8	27.3	30.4	30.7	34.7	34.4
16-18	3.8	4.1	4.1	5.5	7.3	6.8	5.4	8.8
18-20	0.6	0.6	0.4	0.5	0.4	0.4	0	0
20-22	0.1	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	2.3	0	0	0	0	0	0	0
4-6	7.9	3.6	0.2	0	0	0	0	0
6-8	28.1	15	11.5	4.7	0.1	0	0	0
8-10	15	21.2	19.7	32.4	28.9	9.1	1.1	0
10-12	17.2	23.7	21.8	23.7	43.8	71.4	71.2	45.9
12-14	18.7	24.5	32.3	24.8	18.2	16.3	27	52
14-16	8.4	9.8	12.4	12.5	7.2	3.1	0.7	2.1
16-18	2.3	1.9	1.8	1.8	1.8	0.1	0	0
18-20	0.3	0.2	0.2	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	10.2	0	0	0	0	0	0	0
4-6	21.7	5.9	0.2	0	0	0	0	0
6-8	11.5	9	5.8	2.3	0	0	0	0
8-10	10	13.4	11.1	12	7.6	0.9	0	0
10-12	11	18	15.4	10.8	12.7	14.9	7.1	0.6
12-14	16.6	26	33.5	29.3	28.9	37.6	45.6	43.3
14-16	12.7	19.5	26.6	36.9	40.4	38.7	42.6	47.5
16-18	5.3	7.1	6.6	7.9	9.7	7.3	4.7	8.5
18-20	0.9	1	0.7	0.7	0.7	0.5	0	0
20-22	0.1	0.1	0.1	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-76. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 76

Grid 76

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	4.2	0	0	0	0	0	0	0
4-6	3.5	0.4	0	0	0	0	0	0
6-8	20.7	5.6	4.3	0.9	0	0	0	0
8-10	44.8	22.8	22.2	26.7	15	3.6	0.4	0
10-12	13.8	22.1	12.9	12.4	19.1	22.5	23.1	22.2
12-14	8.1	31	29.9	16.9	12.7	15.2	19	23.4
14-16	3.6	14.1	24.1	32.6	36.9	40.2	39.3	36.5
16-18	1.2	3.5	5.8	9.5	15	17.7	17.8	17.7
18-20	0.2	0.5	0.7	1	1.1	0.8	0.3	0.1
20-22	0	0.1	0.1	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	6.7	0	0	0	0	0	0	0
4-6	5.4	0.3	0	0	0	0	0	0
6-8	24.4	7.6	8.5	3.6	0.2	0	0	0
8-10	40.9	22.4	25.8	43	37.6	11.9	1	0.1
10-12	11.9	23.5	14.1	21.9	45.1	70.7	68.5	49.1
12-14	7.1	30.8	30.3	14.5	11.1	15.6	27.6	45.1
14-16	2.6	12.1	17.5	14.1	5	1.6	2.4	4.9
16-18	0.8	2.8	3.5	2.8	1	0.3	0.5	0.8
18-20	0.2	0.3	0.3	0.2	0	0	0	0
20-22	0	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0	0	0	0	0	0	0	0
4-6	2.5	4.1	0	0	0	0	0	0
6-8	12.2	5	1.7	0.4	0	0	0	0
8-10	74.7	28.6	19.1	23.4	12.6	0.9	0	0
10-12	7.5	17.5	13.3	12.4	16.1	9.2	2	0.4
12-14	2	26.8	28.5	15.6	11.2	13.9	15.8	10.9
14-16	0.8	13.4	28.3	35.4	40.5	50.7	55.1	57.3
16-18	0.3	3.9	7.7	11.2	18	23.9	26.3	31.2
18-20	0.1	0.7	1.1	1.4	1.6	1.4	0.7	0.2
20-22	0	0.1	0.2	0.2	0.1	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-77. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 77

Grid 77

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	16.9	0	0	0	0	0	0	0
4-6	13	0.2	0	0	0	0	0	0
6-8	9.8	2.2	3.6	1	0	0	0	0
8-10	33.1	8.1	9.2	12.9	7.5	1.4	0.1	0
10-12	13.4	20	8.2	3.8	6	6.1	3.5	1.7
12-14	10.8	42.8	36	19.4	12	12.9	15	15.1
14-16	2.8	20.6	33.3	46.4	50.3	51.5	55.8	65.5
16-18	0.2	5.1	8.5	15.1	23.1	27.6	25.3	17.6
18-20	0	0.8	1.1	1.3	1.1	0.6	0.2	0.1
20-22	0	0.1	0.2	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	43.3	0	0	0	0	0	0	0
4-6	31.6	0.1	0	0	0	0	0	0
6-8	6.8	2.6	5.2	2.1	0.1	0	0	0
8-10	0.4	11.2	16.9	31.9	33	18.5	1.7	0
10-12	12.9	24.5	14	12.2	31.8	65.9	63.1	20.6
12-14	3.6	40.6	37.8	25.7	14.1	11.5	35.2	79.4
14-16	1	16.6	21.4	24.2	18.7	3.7	0	0
16-18	0.4	3.9	4.3	3.8	2.3	0.4	0	0
18-20	0	0.4	0.4	0.1	0	0	0	0
20-22	0	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.1	0	0	0	0	0	0	0
4-6	1.2	3.6	0	0	0	0	0	0
6-8	13.6	5.1	2	0.6	0	0	0	0
8-10	52.5	10.9	4.9	10	6	0.6	0	0
10-12	9	9.1	4	2	3.5	2.8	0.9	0
12-14	10.2	37.9	31.3	16.7	10	10.8	11.5	9.6
14-16	3.4	23.8	42.4	49.9	52.9	54.5	58.4	70.7
16-18	0	7.1	13	18.9	26.3	30.6	29	19.6
18-20	0	2	2.1	1.7	1.3	0.7	0.3	0.1
20-22	0	0.5	0.4	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-78. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 78

Grid 78

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	15.1	0	0	0	0	0	0	0
4-6	19.6	6.3	0	0	0	0	0	0
6-8	10.2	9	4.1	1.4	0	0	0	0
8-10	4.5	2.7	3.6	9.1	9.7	3.5	0.4	0
10-12	6.9	10.3	6.2	5	9.5	16.2	11.4	8.2
12-14	20.2	35.7	29.9	18.9	12.1	12.2	15.6	16.4
14-16	16.2	26.9	41.9	45.7	45.5	42.5	49.3	58.6
16-18	5.8	7.7	12.6	18.5	22.2	24.9	23.1	16.8
18-20	1.3	1.2	1.5	1.3	0.8	0.6	0.2	0
20-22	0.3	0.2	0.2	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	12.3	0	0	0	0	0	0	0
4-6	25.1	6.5	0	0	0	0	0	0
6-8	11.3	10.5	8.5	4.3	0.1	0	0	0
8-10	6.9	5.5	11.2	31.7	36.8	15.3	2.9	0.2
10-12	12	18.6	16.7	16	35.6	75.8	79.1	80.2
12-14	19.8	37	37.2	26.2	9.5	4.3	18	19.6
14-16	9.5	17.4	22	18.9	16.2	4.1	0	0
16-18	2.7	4.1	4.1	2.8	1.8	0.5	0	0
18-20	0.4	0.4	0.3	0.1	0	0	0	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	16.9	0	0	0	0	0	0	0
4-6	17.1	10.8	0	0	0	0	0	0
6-8	11	15.1	4	0.4	0	0	0	0
8-10	2.7	1	1.1	2	1.2	0.5	0	0
10-12	2.5	1.8	1.3	0.9	2	3.1	1.8	0.3
12-14	16.3	23.7	21	12.2	10.7	11.5	12.7	14.3
14-16	20.9	32.7	50.6	54.3	54.8	52.3	56.5	65
16-18	9.4	12	19	28.2	30.3	32.1	28.6	20.5
18-20	2.6	2.5	2.7	1.9	0.9	0.5	0.3	0
20-22	0.6	0.5	0.4	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-79. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 79

Grid 79

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	16.2	0	0	0	0	0	0	0
4-6	16.5	9.7	0.2	0	0	0	0	0
6-8	23.6	38.2	31.9	2.8	0.1	0	0	0
8-10	25.5	32.3	51.1	70	35.1	9.5	0.8	0
10-12	13.5	14.5	12.2	21.8	54.6	74.9	64.6	39.8
12-14	3.4	4.1	3.8	4.5	9	14.6	32.1	55.2
14-16	0.9	0.9	0.7	0.8	1.2	0.9	2.3	4.9
16-18	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0
18-20	0	0.1	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	11.7	0	0	0	0	0	0	0
4-6	15.9	10.2	0.2	0	0	0	0	0
6-8	21.4	33.1	28.3	5.5	0.2	0	0	0
8-10	30.4	36.6	50.1	62.7	43.5	13.6	2	0
10-12	16.4	16.5	18.3	29.1	52.8	79.5	76.4	49.3
12-14	3.2	2.9	2.8	2.7	3.5	6.9	21.5	50.7
14-16	0.9	0.5	0.3	0.1	0	0	0	0
16-18	0.2	0.1	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	25.7	0	0	0	0	0	0	0
4-6	18.3	10.2	0.2	0	0	0	0	0
6-8	21.5	39.2	34.3	2.1	0	0	0	0
8-10	19.2	29.3	50.1	73.8	29.5	4.5	0.1	0
10-12	8.8	13.4	9.4	17.8	54.4	58.9	35.1	18.6
12-14	5.1	6.1	5	5.3	13.9	34.3	58.3	64.9
14-16	1.1	1.3	0.9	0.9	2	2.2	6.5	16.5
16-18	0.3	0.3	0.2	0.2	0.2	0	0	0
18-20	0	0.1	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-80. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 80

Grid 80

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	2.5	0	0	0	0	0	0	0
4-6	6.7	3.6	0.1	0	0	0	0	0
6-8	11.1	16	16.8	4.2	0.1	0	0	0
8-10	32.1	26.1	26.1	37.1	27.1	8	0.8	0
10-12	27.2	24.2	19.1	21.3	38.3	57.7	53.4	34.8
12-14	12.3	16.6	18.8	18.1	20.9	26.1	37.1	51.9
14-16	5.8	9.6	13.9	14.4	10.6	7.1	7.3	12.5
16-18	1.9	3.2	4.4	4.4	2.9	1	1.4	0.7
18-20	0.3	0.5	0.6	0.4	0.1	0	0	0
20-22	0.1	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.6	0	0	0	0	0	0	0
4-6	4.2	2.2	0.1	0	0	0	0	0
6-8	10.1	11.9	15.6	5.7	0.2	0	0	0
8-10	30.6	26.7	32.5	50.5	42.1	12.4	1.5	0
10-12	31.9	29	22.7	28.3	49.8	79.1	77.7	51.7
12-14	13.9	19.2	18.2	11.4	7.1	8.4	20.7	47.8
14-16	5.8	8.7	8.8	3.5	0.7	0.1	0.2	0.4
16-18	1.6	2	1.9	0.6	0.1	0	0	0
18-20	0.2	0.2	0.1	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	5.4	0	0	0	0	0	0	0
4-6	13.5	5.4	0.2	0	0	0	0	0
6-8	14.8	19.9	19.4	4.2	0.2	0	0	0
8-10	34.5	28.8	25.4	32.9	19.3	5.5	0.3	0
10-12	16.7	20.2	17.8	19.1	31.1	40.8	33.2	19.4
12-14	9	13.3	18.1	21.1	30	41	53	50.2
14-16	4.1	8.2	13.5	16.4	14.9	11.8	13.4	30.3
16-18	1.6	3.4	4.9	5.7	4.3	0.9	0	0
18-20	0.3	0.6	0.7	0.5	0.2	0	0	0
20-22	0.1	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-81. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 81

Grid 81

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	4.1	0	0	0	0	0	0	0
4-6	4.4	0.4	0.1	0	0	0	0	0
6-8	9.5	4.2	7.5	3.8	0.2	0	0	0
8-10	55.2	19.5	17.7	23.1	18.9	6.9	0.7	0.1
10-12	11.8	26.8	23.7	18.8	27.9	40.6	35.9	19.1
12-14	9.2	26.5	28.1	25.8	24.3	32.2	46.6	60.7
14-16	4.4	16.6	17.4	23.2	22.4	16.4	14.9	19.5
16-18	1.3	5.2	4.9	5	6	3.9	1.9	0.5
18-20	0.1	0.8	0.6	0.4	0.2	0	0	0
20-22	0	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	17	0	0	0	0	0	0	0
4-6	17.2	0.3	0.1	0	0	0	0	0
6-8	21.1	5.3	10.7	4.8	0.2	0	0	0
8-10	10.7	20.6	25.9	42.1	32.3	8.9	1.3	0.3
10-12	12.9	23.1	21.4	23.5	45.8	66.4	53.8	28.1
12-14	13.7	28.2	25.1	16.9	14.9	21.8	40.4	58
14-16	4.8	16.7	12.9	10.4	5.5	2.8	4.3	13.6
16-18	2.5	4.9	3.5	2	1.2	0.1	0.1	0
18-20	0.2	0.9	0.5	0.2	0.1	0	0	0
20-22	0	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0	0	0	0	0	0	0	0
4-6	0.5	1.1	0.2	0	0	0	0	0
6-8	6.3	3.3	5.9	3.8	0.2	0	0	0
8-10	30.1	19	12.5	15.9	14.5	5.4	0.5	0
10-12	8.9	36.1	27.7	17.6	22.8	31.2	27.4	13.1
12-14	2.3	22.4	31.6	31.2	30.7	39.1	51	61.6
14-16	1.7	12.9	16.4	25.1	25.2	19.6	18.7	24.3
16-18	0.2	4.5	4.9	5.8	6.4	4.7	2.4	1
18-20	0	0.6	0.6	0.5	0.2	0	0	0
20-22	0	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-82. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 82

Grid 82

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3.8	0	0	0	0	0	0	0
4-6	5.5	0.2	0	0	0	0	0	0
6-8	31.8	2.1	3.2	2.3	0.2	0	0	0
8-10	48.7	6	6.2	10.4	12.2	5.3	0.4	0
10-12	5	19.9	11.5	9.3	15.5	25.3	18.4	5
12-14	3.1	37.6	35.9	25.3	21.6	26.1	38.3	45.8
14-16	2	24	32.5	40.5	36.6	32.4	35.4	39
16-18	0.3	8.3	9.2	11.5	13.4	10.7	7.4	10.1
18-20	0	1.5	1.2	0.7	0.5	0.2	0.1	0
20-22	0	0.3	0.2	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	21.3	0	0	0	0	0	0	0
4-6	29.4	0.1	0	0	0	0	0	0
6-8	11.6	2.7	5.2	5.7	0.4	0	0	0
8-10	9.8	5.6	7.6	25.5	41.2	16.1	1.7	0.7
10-12	10	19	9.8	11.7	32.8	63.2	48.8	22.8
12-14	9.5	37.1	37	20.1	10.5	16.5	43.8	66.8
14-16	7.2	24.3	29.4	29.4	11.9	4.2	5.7	9.7
16-18	1.1	9.1	9.2	6.9	2.8	0	0	0
18-20	0	1.8	1.5	0.6	0.3	0	0	0
20-22	0.1	0.3	0.3	0.1	0.1	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0	0	0	0	0	0	0	0
4-6	0.3	0.6	0.1	0	0	0	0	0
6-8	36.6	2.8	2.6	2.1	0.2	0	0	0
8-10	57.7	10.3	6.6	9.1	10.7	4.6	0.2	0
10-12	3.4	28.3	16.6	10.9	15.9	23.6	14.1	2.3
12-14	1.5	33.9	36.6	28.1	25.3	29.4	40.3	40.9
14-16	0.5	17.5	28.4	38	35.2	33.6	37.7	43.4
16-18	0	5.2	7.9	10.9	12.2	8.6	7.6	13.5
18-20	0	1.1	1.1	0.9	0.5	0.2	0.1	0
20-22	0	0.2	0.2	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-83. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 83

Grid 83

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	3.6	0	0	0	0	0	0	0
4-6	8.4	0.3	0	0	0	0	0	0
6-8	22.8	1.1	1.8	1.2	0.1	0	0	0
8-10	21	3.3	4.1	7.5	6.6	2.6	0.4	0
10-12	13.9	19.7	12.9	9.3	12.4	15.5	12.1	4.2
12-14	17	36.2	38.7	31.3	27.2	31.2	35.9	32.6
14-16	8.9	25.9	31.4	40.2	40.6	39.2	40.3	48.7
16-18	3.1	11	9.6	9.7	12.4	11.2	11.2	14.5
18-20	0.9	2.1	1.3	0.7	0.6	0.4	0.1	0
20-22	0.4	0.4	0.2	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	17.7	0	0	0	0	0	0	0
4-6	35.1	0.1	0	0	0	0	0	0
6-8	12.1	0.8	1.6	1.9	0	0	0	0
8-10	4.3	2.6	4.4	12.6	13.3	3.2	0.1	0
10-12	10.5	18.6	14.2	9.3	12.7	17.2	3.7	0
12-14	11.1	32.7	39.5	40.3	38.6	45.4	26.2	3.3
14-16	6.5	27.6	26.7	29.9	30.8	30.6	56.7	78.9
16-18	2.1	14	11.3	5.4	4.5	3.5	13.2	17.9
18-20	0.4	2.8	1.8	0.6	0.2	0	0	0
20-22	0.2	0.7	0.4	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0.6	0	0	0	0	0	0	0
4-6	3.3	1	0	0	0	0	0	0
6-8	32.3	2.6	2.3	1.2	0.2	0	0	0
8-10	31.1	5.1	4.9	7	6.1	2.7	0.4	0
10-12	12.6	21.7	14.2	11	13.7	15.8	12.2	4
12-14	12.5	36.9	38.5	31.6	28.8	32.9	39.3	32.7
14-16	5.3	23	30.4	38.7	39.3	38	38.5	49.9
16-18	1.7	7.8	8.4	9.8	11.5	10.1	9.5	13.4
18-20	0.5	1.6	1.2	0.7	0.5	0.4	0.1	0
20-22	0.1	0.2	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-84. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 84

Grid 84

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	4	0	0	0	0	0	0	0
4-6	4.7	0.4	0.1	0	0	0	0	0
6-8	11.1	4.9	6.1	2.1	0.1	0	0	0
8-10	20.1	14.3	13.5	17.4	10.2	2	0.1	0
10-12	23.8	36.1	24.5	16.8	21.1	23.2	13.6	5.7
12-14	22.4	28.3	38.6	36.9	34.6	38.4	49.7	43
14-16	11.4	12.3	14.7	24.1	30.7	32.9	33.5	46.5
16-18	1.9	3.2	2.3	2.5	3.3	3.5	3.1	4.8
18-20	0.3	0.4	0.2	0.1	0.1	0	0	0
20-22	0.2	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	6.3	0	0	0	0	0	0	0
4-6	7.2	0.3	0.1	0	0	0	0	0
6-8	8.9	5.1	8.2	3.1	0.1	0	0	0
8-10	13.9	12.6	16.6	32.3	26.4	7	0	0
10-12	22.9	36.6	24.5	19.8	45.2	67	0	0
12-14	26.6	28.5	36.2	26.4	14	12.7	0	0
14-16	12.8	13	11.9	17	13.8	13.3	0	0
16-18	1	3.4	2.4	1.4	0.6	0	0	0
18-20	0.2	0.4	0.2	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0	0	0	0	0	0	0	0
4-6	0.7	0.8	0.1	0	0	0	0	0
6-8	23	5.9	4.5	1.7	0	0	0	0
8-10	46.7	18	11	12.9	7.4	1.3	0.1	0
10-12	17.6	36.1	25.3	16.1	16.9	16.2	8.5	1.8
12-14	6.2	26.4	41.2	40.5	37.3	38.8	44.7	34
14-16	3.3	9.9	15.3	25.8	34	38.7	42.6	58.2
16-18	2.2	2.5	2.3	2.8	4.2	4.9	4.1	6
18-20	0.1	0.3	0.2	0.2	0.1	0	0	0
20-22	0.2	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-85. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 85

Grid 85

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	4.2	0	0	0	0	0	0	0
4-6	2.1	0.3	0	0	0	0	0	0
6-8	7.8	2.9	4.7	2.8	0.1	0	0	0
8-10	28	14.5	11.3	14.2	11.2	2.7	0.2	0
10-12	33.5	42.2	33.4	22.7	24.1	26.6	18.2	4.7
12-14	14.7	28.9	37.7	42	40.9	43.5	51.1	53.2
14-16	7.2	9.1	10.9	16.4	21.3	24.5	28	39.3
16-18	1.9	1.9	1.6	1.8	2.4	2.6	2.5	2.8
18-20	0.5	0.2	0.1	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	18.7	0	0	0	0	0	0	0
4-6	8.4	0.3	0	0	0	0	0	0
6-8	3.1	3.8	6.3	3.8	0.1	0	0	0
8-10	20.1	19.4	15.5	20.8	15.5	1.9	0	0
10-12	28.7	46.7	39.6	26.9	31.8	35.1	20.4	9.1
12-14	11.2	21.6	31.2	37.6	38.6	46.2	64.6	72
14-16	8.6	6.7	6.3	10.1	13.2	16.1	14.8	18.9
16-18	1.1	1.3	1	0.9	0.7	0.7	0.1	0
18-20	0	0.1	0.1	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0	0	0	0	0	0	0	0
4-6	0.5	0.4	0.1	0	0	0	0	0
6-8	18.5	2.3	2.5	1.9	0.1	0	0	0
8-10	46.9	8.5	5.8	7.6	7.5	2.6	0.2	0
10-12	21.9	34.7	27.3	20.1	21.1	23.5	17.7	4.5
12-14	8.2	39.1	45.7	47.1	44.6	45	50	51.3
14-16	2.9	12.8	16.1	20.5	23.9	26.1	29.7	41.1
16-18	0.6	2.1	2.2	2.6	2.7	2.6	2.4	3
18-20	0.3	0.2	0.2	0.2	0.1	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-86. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 86

Grid 86

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	7.5	0	0	0	0	0	0	0
4-6	8.5	2.4	0.2	0	0	0	0	0
6-8	9.4	6.9	7.3	3.8	0.3	0	0	0
8-10	29.2	20.3	14.4	17.5	15.7	5.6	0.4	0
10-12	23.6	27.9	25.2	20.8	26.8	33.9	25.1	8.7
12-14	12.7	24.7	31.9	30.6	25.8	29.7	41.5	47.5
14-16	6.8	12.9	16.3	23	26.5	25.8	28.2	38.5
16-18	2	4.1	4.1	4	4.7	4.9	4.8	5.2
18-20	0.3	0.7	0.5	0.3	0.2	0.1	0	0
20-22	0	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	5.2	0	0	0	0	0	0	0
4-6	6.9	1.4	0.2	0	0	0	0	0
6-8	8	5.8	7.8	4.5	0.2	0	0	0
8-10	30.6	20	15.7	23.3	21.1	5.8	0.5	0.1
10-12	23.9	29.1	26	21.5	31.8	46	37.1	20.4
12-14	14.9	26.3	34	33.1	26.3	29.1	43	52.3
14-16	7.7	12.6	13	15.8	18.2	17.4	18.8	27.1
16-18	2.4	4.1	3	1.8	2.4	1.6	0.6	0
18-20	0.3	0.7	0.3	0.1	0	0	0	0
20-22	0	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	10.6	0	0	0	0	0	0	0
4-6	9.7	5	0.3	0	0	0	0	0
6-8	11.2	11.1	7.7	4	0.3	0	0	0
8-10	28.1	23.4	15.4	17.1	15.4	5.8	0.4	0
10-12	22.3	28.9	31	25.1	29.3	35	26.3	8.9
12-14	11.8	17.5	27.4	29.7	26.1	30.6	42.8	50.6
14-16	5	10.2	13.7	19.8	23.8	23.8	26.1	35.8
16-18	1.2	3.4	3.9	3.9	4.8	4.7	4.3	4.7
18-20	0.2	0.4	0.6	0.4	0.3	0.1	0	0
20-22	0	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-87. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 87

Grid 87

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	35.3	0	0	0	0	0	0	0
4-6	12.8	8.7	0.9	0	0	0	0	0
6-8	19.8	29.7	27	9.6	0.3	0	0	0
8-10	18.4	36.8	31.8	39.5	31.3	7.5	0.3	0
10-12	9.4	18.2	28.8	31.7	45	59	42.4	15.3
12-14	3.1	4.5	9.7	16.9	20.6	29.9	51.3	71
14-16	0.9	1.6	1.5	2.2	2.7	3.6	6.1	13.7
16-18	0.3	0.5	0.2	0.1	0.1	0.1	0	0
18-20	0	0.1	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	32	0	0	0	0	0	0	0
4-6	14.9	8.1	0.9	0	0	0	0	0
6-8	28.8	34.7	30.6	9.5	0.2	0	0	0
8-10	15.2	37.6	35.1	43.6	31.4	6.9	0.5	0
10-12	5.9	15	26.2	33.5	50.8	66.3	41.2	15.1
12-14	2.2	3.3	6.4	12.3	16.2	24.3	52.9	67.2
14-16	0.8	1	0.7	1.1	1.5	2.5	5.4	17.7
16-18	0.2	0.2	0.1	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	37.5	0.1	0	0	0	0	0	0
4-6	11.1	10.5	1	0	0	0	0	0
6-8	15.1	27.8	27.2	10.1	0.3	0	0	0
8-10	20	34.7	29.8	38.5	31.2	7.6	0.3	0
10-12	11.6	20	28.9	30.5	44.2	58.4	42.9	14.6
12-14	3.7	4.8	10.7	17.8	20.9	29.7	49	68.7
14-16	0.8	1.6	1.9	2.8	3.3	4.2	7.8	16.7
16-18	0.2	0.5	0.3	0.2	0.1	0.1	0	0
18-20	0.1	0.1	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-88. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 88

Grid 88

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.7	0	0	0	0	0	0	0
4-6	2.2	2.6	0.5	0	0	0	0	0
6-8	16.4	12.3	13.3	6.6	0.4	0	0	0
8-10	20.8	26.1	22.7	26.4	21.3	6	0.3	0
10-12	22.1	29.5	34.9	32	38.1	43.5	28.8	8.3
12-14	20.6	17.1	20.7	28.2	31.6	39.4	54.6	62.5
14-16	11.8	9.4	6.4	6.2	8.3	10.7	15.8	28
16-18	3.7	2.6	1.3	0.5	0.4	0.4	0.6	1.1
18-20	0.5	0.3	0.1	0	0	0	0	0
20-22	0.2	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	2.8	0	0	0	0	0	0	0
4-6	2.4	2.5	0.5	0	0	0	0	0
6-8	14.9	13.1	15.2	7.5	0.2	0	0	0
8-10	20.4	26.7	25.4	32.8	27.9	5.6	0.1	0
10-12	22.7	30.1	35.7	34.2	43.7	52	25.5	6.7
12-14	22.3	16.5	17.5	22.1	24.1	36.7	64.1	65.5
14-16	11.6	8.5	4.6	3.1	3.9	5.7	10.3	27.8
16-18	2.2	2.2	1	0.2	0.1	0	0	0
18-20	0.6	0.3	0.1	0	0	0	0	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0	0	0	0	0	0	0	0
4-6	1.2	3.6	0.5	0	0	0	0	0
6-8	29	16	13.7	6.2	0.4	0	0	0
8-10	25.5	27.2	22.7	23.7	19.1	5.6	0.2	0
10-12	18	27.6	35.2	32.6	38.2	42.8	28.8	7.4
12-14	16	13.4	20.5	29.9	32.9	40	53.8	62.9
14-16	8	9.2	5.9	6.9	9	11.1	16.5	28.3
16-18	2.2	2.7	1.3	0.6	0.4	0.5	0.7	1.5
18-20	0.1	0.3	0.2	0	0	0	0	0
20-22	0	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-89. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 89

Grid 89

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	19.8	0	0	0	0	0	0	0
4-6	19.2	0.6	0.2	0	0	0	0	0
6-8	5.8	2.8	4.6	3.1	0.2	0	0	0
8-10	13.5	18.4	11.8	12.7	10.5	3.1	0.2	0
10-12	17.2	44.9	40.6	32	32.2	31.3	18.8	4.5
12-14	14	22	33.8	40	41	44.8	52.9	52.7
14-16	8	8.7	7.8	11.3	15.1	19.5	26.5	40.8
16-18	2.3	2.3	1.1	0.9	1	1.4	1.6	2
18-20	0.1	0.3	0.1	0.1	0	0	0	0
20-22	0.1	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	26.6	0	0	0	0	0	0	0
4-6	25.8	0.5	0.2	0	0	0	0	0
6-8	6.7	2.3	4.4	3.2	0.1	0	0	0
8-10	10	19.3	13.2	15.6	12.2	2.2	0	0
10-12	13.4	45.7	46.3	39.2	41	39	17.9	2.4
12-14	11.6	20.6	29.2	34.5	35.5	43.4	57.1	40.9
14-16	4.7	8.8	5.6	7	10.7	15.1	24.6	56.7
16-18	1	2.4	1	0.5	0.5	0.4	0.4	0.1
18-20	0.1	0.3	0.1	0	0	0	0	0
20-22	0.2	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0	0	0	0	0	0	0	0
4-6	0.1	0.9	0.2	0	0	0	0	0
6-8	0.2	5.7	4.7	2.8	0.2	0	0	0
8-10	17	20.2	10.4	10.1	9.3	3	0.1	0
10-12	38.8	42	37.9	31.2	31.2	30.7	18.4	4.1
12-14	31.9	21.2	36.7	42.4	42.9	45.2	53.1	54.7
14-16	5.8	7.6	9	12.4	15.3	19.7	26.6	38.8
16-18	6.1	2	1	0.9	1.1	1.3	1.8	2.3
18-20	0	0.3	0.1	0.1	0	0	0	0
20-22	0	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-90. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 90

Grid 90

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	22.7	0	0	0	0	0	0	0
4-6	8.6	0.6	0.1	0	0	0	0	0
6-8	7.7	4.8	5.6	4.3	0.2	0	0	0
8-10	24.2	19.4	9.9	13.4	13.2	3.1	0.1	0
10-12	20	45.5	33.3	19.6	20.5	23.7	14.8	3
12-14	11.2	22.7	38.8	42.3	40.4	43.8	49.8	47.5
14-16	4.4	5.6	10.5	18.1	22.8	26.2	31.7	45.5
16-18	1.1	1.1	1.5	2.1	2.7	3.1	3.5	4.1
18-20	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	47.5	0	0	0	0	0	0	0
4-6	17.4	0.7	0.1	0	0	0	0	0
6-8	6.7	5.3	6	4.3	0.2	0	0	0
8-10	17.1	20.6	10.1	13.8	12.5	1.6	0	0
10-12	7.6	52.4	40.6	26	27.6	31.4	18.8	4.3
12-14	2.6	17.3	35.4	43	44.7	53.4	65.9	63.1
14-16	1.1	3.1	6.7	11.8	13.9	12.6	14.9	32.6
16-18	0.2	0.5	0.9	1	1.2	0.9	0.4	0
18-20	0	0.1	0.1	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0	0	0	0	0	0	0	0
4-6	0	0.6	0.1	0	0	0	0	0
6-8	9.3	6.1	4.4	3.6	0.2	0	0	0
8-10	30.6	22.4	6.9	9.7	10.8	3.1	0.2	0
10-12	25.9	29.2	25.7	15.9	16.5	19.7	12.9	2.6
12-14	22.1	29.4	43.6	43.9	41.6	43.7	48.3	47
14-16	9.6	10.3	16.6	23.4	27.6	29.8	34.3	45.7
16-18	2.2	1.8	2.4	3.2	3.1	3.5	4.3	4.7
18-20	0.4	0.2	0.3	0.2	0.2	0.2	0.1	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-91. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 91

Grid 91

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	42.2	0	0	0	0	0	0	0
4-6	21.6	0.4	0.1	0	0	0	0	0
6-8	6.9	2.1	3.3	2.3	0.2	0	0	0
8-10	10.2	8.2	5.3	7.2	6.9	2.4	0.1	0
10-12	14.1	39.4	23.2	14	13.1	13.3	7.6	1.6
12-14	2.4	36.5	46	43.7	38.3	35.8	35.7	28.6
14-16	2.1	10.4	18.3	28.2	36.1	41.7	47.8	58.3
16-18	0.4	2.5	3.4	4.2	5.2	6.7	8.6	11.5
18-20	0	0.5	0.4	0.3	0.3	0.2	0.2	0.1
20-22	0	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	47.9	0	0	0	0	0	0	0
4-6	24.6	0.4	0.1	0	0	0	0	0
6-8	6.7	2	3.6	2.8	0.2	0	0	0
8-10	7.3	8.5	6.5	10.5	10.7	3.2	0.3	0
10-12	11.2	44.9	29.8	20.6	22.3	27.4	17	7.9
12-14	1	33.4	45.1	46.8	44.8	46.2	54.8	49.2
14-16	1	8.5	12.7	17.3	19.9	21.7	27.1	42.2
16-18	0.2	2	2	1.9	2.1	1.5	0.9	0.7
18-20	0	0.2	0.2	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0	0	0	0	0	0	0	0
4-6	0	0.4	0.1	0	0	0	0	0
6-8	25.4	5.7	2.9	2	0.2	0	0	0
8-10	70.5	17.8	3.6	4.7	5.3	2.1	0.1	0
10-12	1	20.2	16	10	9.8	10.4	6.4	1.1
12-14	0	36.5	44.2	40.2	35.4	32.8	32.7	26.5
14-16	2.5	14.2	26.3	36.1	42.1	45.7	50.3	59.8
16-18	0	3.9	5.9	6.3	6.8	8.5	10.2	12.3
18-20	0	1	0.9	0.6	0.4	0.4	0.3	0.2
20-22	0	0.3	0.2	0.1	0	0	0	0
22-24	0.6	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-92. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 92

Grid 92

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	21.9	0	0	0	0	0	0	0
4-6	8.7	3.4	0.1	0	0	0	0	0
6-8	3.4	3.6	3.3	1.8	0.1	0	0	0
8-10	3.1	3.5	2.4	4.5	4.9	1.8	0.1	0
10-12	10.6	25.1	17	8.7	8.6	9.9	6.4	1.2
12-14	26.9	40	49	41.2	32.4	29.4	31	27.6
14-16	19.6	18.9	23	37.1	45.4	48.5	50.8	57.5
16-18	5.1	4.7	4.6	6.1	8.2	10	11.4	13.5
18-20	0.7	0.7	0.6	0.5	0.4	0.3	0.3	0.2
20-22	0.1	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	25	0	0	0	0	0	0	0
4-6	11.1	2.9	0.1	0	0	0	0	0
6-8	3.6	3.7	4	2.3	0.1	0	0	0
8-10	2.7	4.1	3.2	6.6	6.1	1.2	0	0
10-12	16.9	37.7	25.8	14	14.5	17	8	1.3
12-14	27.9	37.5	50.5	51.5	48.4	47.9	52.1	35.7
14-16	10.6	11.2	13.7	22.8	28.3	32.3	39.2	61.6
16-18	2	2.4	2.4	2.6	2.6	1.5	0.7	1.4
18-20	0.2	0.3	0.2	0.1	0	0	0	0
20-22	0	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	20.6	0	0	0	0	0	0	0
4-6	7.9	5.2	0.2	0	0	0	0	0
6-8	5.2	5.6	3	1.8	0.1	0	0	0
8-10	5.7	7.1	2	3.7	5.1	2.2	0.1	0
10-12	5.5	9.8	9.6	7.1	7.5	9.5	6.2	1.1
12-14	19.5	30.5	38.7	31.2	26	24.7	27.8	26.4
14-16	25.7	30.6	35.5	45.4	50.1	51.5	53.4	59.8
16-18	8.5	9.3	9.2	9.5	10.6	11.7	12.2	12.7
18-20	1.2	1.4	1.5	1	0.6	0.4	0.2	0.1
20-22	0.2	0.4	0.3	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-93. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 93

Grid 93

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	5.2	0	0	0	0	0	0	0
4-6	13.5	5.4	0.5	0	0	0	0	0
6-8	19.1	14	12.8	5.1	0.2	0	0	0
8-10	25	19.6	16.9	24.2	20	5	0.2	0
10-12	15.9	19.4	18	20.4	31.9	41.3	27.9	8.1
12-14	11.4	22	26.2	22	21.7	30	46.3	55.6
14-16	6.6	14.2	19.9	22.5	20.7	18.9	21.5	32.9
16-18	2.6	4.4	5	5.2	5.2	4.7	4	3.3
18-20	0.5	0.7	0.6	0.5	0.3	0.1	0	0
20-22	0.1	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	4.7	0	0	0	0	0	0	0
4-6	13.6	4.5	0.4	0	0	0	0	0
6-8	17.7	14.1	13.9	5.7	0.1	0	0	0
8-10	20.9	19.2	17.9	27.4	22.3	4.6	0.4	0.1
10-12	20.3	24	22.1	24.3	39.3	53.9	39.8	14.2
12-14	14	24.6	30	26.6	25.8	31.9	50	69.4
14-16	6.6	10.8	13.1	14	11.3	8.3	6.7	10.8
16-18	1.7	2.5	2.4	1.9	1.1	1	2.6	4.8
18-20	0.3	0.3	0.2	0.1	0.1	0.2	0.5	0.6
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	5.5	0	0	0	0	0	0	0
4-6	12.1	7.6	0.6	0	0	0	0	0
6-8	19.9	15.2	13.9	5.3	0.2	0	0	0
8-10	29.6	22.1	18.8	25.3	20.4	5.2	0.2	0
10-12	13.9	16.1	17	21.9	34.2	42.1	28.9	8.4
12-14	8.9	15.2	18.7	17.3	19.1	28.4	45.8	57.9
14-16	6.3	15.9	22.6	22.6	19.9	19	20.5	31.4
16-18	3.1	6.4	7.2	6.8	5.8	5.1	4.6	2.3
18-20	0.7	1.3	1.1	0.7	0.4	0.1	0	0
20-22	0.1	0.2	0.1	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-94. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 94

Grid 94

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	32.7	0	0	0	0	0	0	0
4-6	31.6	0.4	0.1	0	0	0	0	0
6-8	29.4	4.8	3.8	2.2	0.2	0	0	0
8-10	0.4	19	15	13.3	9.8	3.4	0.3	0
10-12	1.6	32.8	35.7	31.2	30.1	28.2	16.6	4.4
12-14	3.1	25.4	30.7	36	37.7	41.3	47.2	43.4
14-16	0.3	11.9	11.1	14.4	19.6	24.3	32.7	47.3
16-18	0.6	4.5	3	2.5	2.5	2.7	3.1	4.9
18-20	0.3	1	0.5	0.3	0.1	0.1	0	0
20-22	0	0.2	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	47.1	0	0	0	0	0	0	0
4-6	43.3	0.3	0.1	0	0	0	0	0
6-8	8.8	3	4.7	2.7	0.1	0	0	0
8-10	0	18.5	17.1	16.5	11.1	2.5	0.1	0
10-12	0.1	34.5	37.8	36	35.6	33.4	15.7	3.7
12-14	0.3	25.5	28.6	34.2	39.7	48.3	60.1	49.8
14-16	0.4	12.4	8.8	9.2	12.3	14.8	22.8	44
16-18	0	4.7	2.5	1.3	1.1	1	1.3	2.6
18-20	0	0.9	0.4	0.1	0	0	0	0
20-22	0	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0	0	0	0	0	0	0	0
4-6	6	1.2	0.1	0	0	0	0	0
6-8	39.2	20.8	3.2	2.1	0.3	0	0	0
8-10	1.4	25.8	15.2	12.6	10.1	4.2	0.4	0
10-12	3.2	25.7	39.3	35.3	33.1	31	20.2	5.8
12-14	0	16.9	27.7	34	35.4	38.7	45.8	45.1
14-16	0	6.8	10.8	13	18.4	22.8	30.4	44.3
16-18	0.3	2.2	2.9	2.5	2.5	3.1	3.2	4.7
18-20	0	0.4	0.7	0.5	0.2	0.1	0	0
20-22	0	0.1	0.2	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-95. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 95

Grid 95

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	37.8	0	0	0	0	0	0	0
4-6	10.6	2.6	0.1	0	0	0	0	0
6-8	2.6	3.1	2.8	1.8	0.2	0	0	0
8-10	3.7	12.4	10.1	9.3	7.2	2.7	0.3	0
10-12	14	29.4	32.5	27.8	24.3	21.4	12.9	3.8
12-14	18.8	28.2	34.4	41.1	42.3	42.4	44.7	36.3
14-16	9.1	15.5	14.6	17.2	23.4	29.8	36.6	52.1
16-18	2.7	6.9	4.5	2.5	2.5	3.6	5.3	7.6
18-20	0.5	1.5	0.8	0.2	0.1	0.1	0.1	0.1
20-22	0.2	0.4	0.2	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	39.9	0	0	0	0	0	0	0
4-6	10.7	1.3	0	0	0	0	0	0
6-8	1.4	1.1	1.7	1.4	0.1	0	0	0
8-10	3	9.6	9.2	9.6	6.6	1.9	0.1	0
10-12	17	33.2	36.6	34.3	31.1	28.6	14.6	5
12-14	16	22.7	32	41.4	47.7	52.6	63.2	59.1
14-16	7.1	17.7	12.6	11.3	13	15	19.9	30.9
16-18	3.7	11.4	6.1	1.7	1.3	1.9	2.2	5.1
18-20	0.9	2.2	1.4	0.3	0.1	0.1	0	0
20-22	0.4	0.8	0.4	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	86.2	0	0	0	0	0	0	0
4-6	12	5	0.3	0	0	0	0	0
6-8	5.5	8.2	5	2.4	0.2	0	0	0
8-10	5.3	16.1	12.3	11.2	8.3	3.5	0.4	0
10-12	11.9	24.1	30.1	27.6	25.1	21.8	14.8	5.2
12-14	18.1	29.1	33	37.8	38.7	38.8	42.7	37.4
14-16	9.2	13.4	15.6	17.9	24.7	31.8	35.9	49
16-18	1.6	3.1	3.3	2.9	2.8	3.9	6	8.4
18-20	0.2	0.8	0.4	0.2	0.2	0.2	0.2	0
20-22	0	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-96. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 96

Grid 96

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	14.3	0.1	0	0	0	0	0	0
4-6	19.1	15.1	1.5	0	0	0	0	0
6-8	28.2	40.4	42	12.8	0.2	0	0	0
8-10	26	29.4	35.6	57.1	43.2	7.5	0.3	0
10-12	10	11.8	16.3	24	48.1	76	59	20.4
12-14	2	2.3	3.7	5.3	7.8	15.6	38.8	74
14-16	0.3	0.7	0.7	0.7	0.7	0.9	1.9	5.6
16-18	0.1	0.2	0.2	0.1	0.1	0.1	0	0.1
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	12.8	0.1	0	0	0	0	0	0
4-6	20.7	14.6	1.7	0	0	0	0	0
6-8	37.2	48.1	47.6	13.7	0.2	0	0	0
8-10	22.2	27.4	36.8	62.5	46.1	7.5	0.2	0
10-12	5.7	7.8	11.6	20.7	48.5	79.9	65.6	23.8
12-14	1.1	1.5	2	2.8	4.9	12.2	33.2	73.5
14-16	0.2	0.4	0.4	0.2	0.3	0.4	1	2.7
16-18	0.1	0.1	0.1	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	16	0.1	0	0	0	0	0	0
4-6	18.3	15.6	1.5	0	0	0	0	0
6-8	22.4	36.4	39.1	12.1	0.2	0	0	0
8-10	27.7	30.9	36.3	56.5	42.4	6.8	0.2	0
10-12	12.6	13.6	18.3	24.6	48.1	75.8	56.8	18.2
12-14	2.6	2.5	3.9	5.8	8.5	16.3	40.9	76
14-16	0.2	0.5	0.8	0.8	0.8	1	2.1	5.9
16-18	0.1	0.2	0.2	0.1	0.1	0.1	0	0
18-20	0	0	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-97. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 97

Grid 97

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	6.8	0	0	0	0	0	0	0
4-6	5.4	2.3	0.4	0	0	0	0	0
6-8	26.8	19.6	12.3	5.3	0.3	0	0	0
8-10	15.1	39.2	39	33.2	20.6	4.9	0.2	0
10-12	14.6	18.4	32.1	44.5	54.4	55.1	34.8	10
12-14	17.3	11.5	10.1	13.5	21.7	35.6	56.2	69.8
14-16	10.9	7	4.8	3	2.7	4.3	8.5	19.8
16-18	2.8	1.9	1.1	0.5	0.2	0.2	0.2	0.5
18-20	0.1	0.2	0.1	0	0	0	0	0
20-22	0.2	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	13.5	0	0	0	0	0	0	0
4-6	6.4	2.6	0.5	0	0	0	0	0
6-8	26.1	21.2	14.9	5.7	0.2	0	0	0
8-10	14.6	39.8	42.8	39.5	24.7	4.4	0.1	0
10-12	18.3	18.9	30.7	43.4	58.1	65.3	38.4	10.8
12-14	12.5	10.6	7.7	9.6	15.5	27.9	56.1	73.4
14-16	6.5	5.2	2.9	1.5	1.3	2.3	5.4	15.9
16-18	2	1.5	0.5	0.3	0.1	0	0	0
18-20	0	0.2	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	1.9	0	0	0	0	0	0	0
4-6	5	2.1	0.4	0	0	0	0	0
6-8	36.4	26.5	11.5	5	0.3	0	0	0
8-10	15.6	41.5	40.6	30.6	18.7	5.2	0.3	0
10-12	3.2	13.8	32.2	46	54.4	52.7	34.9	10.3
12-14	22.3	7.6	8.8	14	23.3	37.3	55.8	69.3
14-16	10.6	6.4	5	3.7	3	4.5	8.7	19.6
16-18	4.6	1.8	1.2	0.6	0.3	0.2	0.3	0.7
18-20	0.4	0.2	0.2	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-98. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 98

Grid 98

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	55.5	0	0	0	0	0	0	0
4-6	17.9	0.8	0.2	0	0	0	0	0
6-8	2.9	6.3	5.2	3	0.3	0	0	0
8-10	2.8	40.4	20.9	15.4	11.3	3.2	0.2	0
10-12	14.5	38.5	50.1	44.9	41	36.1	20.2	4.9
12-14	4.8	9.5	19.9	30.9	38.9	47.8	58.8	58.1
14-16	1.4	3.3	3.1	5.2	7.9	12	19.5	34.7
16-18	0.1	1	0.5	0.5	0.6	0.8	1.2	2.4
18-20	0.1	0.1	0.1	0	0	0	0	0
20-22	0.1	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	73.1	0	0	0	0	0	0	0
4-6	23.6	0.9	0.2	0	0	0	0	0
6-8	2.8	5.4	5.4	3.1	0.2	0	0	0
8-10	0.1	39.4	22.8	18.3	12.4	2.3	0.1	0
10-12	0.1	40.6	52.6	50	49.5	46.3	23.8	5.7
12-14	0.3	9.2	16.2	25	33	44.2	62.6	61.9
14-16	0	3.4	2.2	3.2	4.6	6.9	13.2	31.7
16-18	0	1.1	0.4	0.3	0.3	0.3	0.3	0.6
18-20	0	0.1	0	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0	0	0	0	0	0	0	0
4-6	0	1	0.2	0	0	0	0	0
6-8	0	18.7	6.4	3.1	0.3	0	0	0
8-10	0	45.7	19.9	13	10.3	3.6	0.3	0
10-12	0	22	45.6	42.1	36.3	31.5	19.2	5
12-14	0	9.2	22.8	34.2	42.1	49	56.9	56.9
14-16	0	2.9	4.4	6.7	10.2	14.8	22.2	35.1
16-18	0	0.6	0.5	0.7	0.9	1	1.4	2.9
18-20	0	0	0.1	0.1	0	0	0	0.1
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-99. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 99

Grid 99

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	15.4	0	0	0	0	0	0	0
4-6	12.5	1.6	0.2	0	0	0	0	0
6-8	23.8	5.1	5.5	3.5	0.3	0	0	0
8-10	29.9	22.7	14	14.8	12.2	3.7	0.2	0
10-12	11.3	44	38.7	32.4	32.3	30.9	18	4.1
12-14	4.7	20.6	32.8	36.8	39.2	44.5	53	51.7
14-16	2	4.6	7.4	10.9	14.5	18.9	26	40.2
16-18	0.4	1.2	1.3	1.3	1.5	1.9	2.7	4
18-20	0	0.2	0.2	0.1	0.1	0.1	0.1	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	23.2	0	0	0	0	0	0	0
4-6	18.8	1.5	0.2	0	0	0	0	0
6-8	25.6	4.2	5.7	4	0.2	0	0	0
8-10	18.7	22.4	15.2	18.6	15.3	3.5	0.1	0
10-12	8.9	47.2	42.5	37.3	41.5	43.7	24.5	5.6
12-14	3.5	19.5	29.6	32.2	34.6	42.3	58.8	61.1
14-16	1	4	5.8	7.1	7.7	9.7	15.7	31.1
16-18	0.2	1	1	0.7	0.6	0.6	1	2.2
18-20	0	0.2	0.1	0	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	8.2	0	0	0	0	0	0	0
4-6	5.1	2.8	0.2	0	0	0	0	0
6-8	12.6	19	7.5	3.3	0.3	0	0	0
8-10	46.4	34.2	14.4	11.6	9.9	3.7	0.3	0
10-12	18.4	19	30.7	27.8	26.3	25	16.2	3.9
12-14	5.6	17.7	34.1	38.6	40.6	44.3	49.8	48.4
14-16	2.7	5.9	10.5	16.2	20.4	23.9	29.7	42.3
16-18	1	1.1	2.2	2.3	2.3	2.9	3.9	5.3
18-20	0.1	0.1	0.3	0.2	0.2	0.2	0.2	0.1
20-22	0	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-100. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 100

Grid 100

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	56.9	0	0	0	0	0	0	0
4-6	33.4	0.5	0.1	0	0	0	0	0
6-8	8.8	3.6	3.2	1.9	0.1	0	0	0
8-10	0.1	13.1	8	8.6	6.9	2.3	0.2	0
10-12	0.8	44.3	34.6	28.3	25.3	21	11.1	2.6
12-14	0	27.8	39.7	42.7	44.5	47.1	49.8	41.8
14-16	0	7.7	11.6	15.6	20.3	26.4	35	50
16-18	0	2.4	2.4	2.5	2.6	3.1	3.8	5.5
18-20	0	0.5	0.4	0.3	0.2	0.1	0.1	0.1
20-22	0	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	57.2	0	0	0	0	0	0	0
4-6	33.6	0.6	0.1	0	0	0	0	0
6-8	8.9	1.4	2.8	2	0.1	0	0	0
8-10	0.1	12.6	9.4	10.8	8.5	1.9	0.1	0
10-12	0.2	52.2	43.9	38.4	36.8	32.8	15.3	3.1
12-14	0	24.5	34.7	38.8	43.3	50.8	62.8	54.2
14-16	0	6.7	7.6	8.6	10.4	13.7	21.1	42.1
16-18	0	1.7	1.4	1.2	0.9	0.8	0.8	0.6
18-20	0	0.3	0.1	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	0	0	0	0	0	0	0	0
4-6	0	0.8	0.1	0	0	0	0	0
6-8	0	23.4	6.1	1.9	0.2	0	0	0
8-10	0	34.4	8.8	7.7	6.2	2.5	0.2	0
10-12	0	10.9	22	20.5	19.3	16.4	10	2.6
12-14	0	14.8	37.8	40.7	41	42.5	44.1	38.3
14-16	0	9.5	18.6	23.7	28.8	33.8	40.5	52.6
16-18	0	4.6	5	4.7	4.2	4.6	5.1	6.4
18-20	0	1	1.2	0.8	0.4	0.2	0.2	0.1
20-22	0	0.5	0.4	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-101. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 101

Grid 101

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	8.5	0	0	0	0	0	0	0
4-6	15.2	5.4	0.2	0	0	0	0	0
6-8	9.2	8.3	5.4	2.8	0.2	0	0	0
8-10	12.4	11.9	8.5	11	9.9	3	0.2	0
10-12	15.1	26.7	24.4	19.6	21	21.5	11.7	2.3
12-14	23	30.5	40.3	40.1	38.4	40.7	45.3	38.2
14-16	12.9	12.6	16.8	22.1	25.9	29.9	37.5	52.4
16-18	3.2	3.7	3.7	3.9	4.2	4.6	5.2	7
18-20	0.5	0.7	0.7	0.5	0.4	0.3	0.1	0.1
20-22	0.1	0.1	0.1	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	9.9	0	0	0	0	0	0	0
4-6	16.9	4.3	0.2	0	0	0	0	0
6-8	10.4	7.8	6.4	3.7	0.2	0	0	0
8-10	11.7	11.9	10.5	14.9	13.3	3.1	0.1	0
10-12	20.3	36.6	32.5	27.6	31.3	34.5	15.9	2.8
12-14	21.8	28.8	37.7	39.7	39.9	45.7	58.4	49.3
14-16	7.2	8.1	10.4	12.5	13.8	15.4	24	45
16-18	1.5	2.1	2	1.5	1.5	1.3	1.6	2.8
18-20	0.2	0.3	0.2	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	7	0	0	0	0	0	0	0
4-6	13.4	6.2	0.2	0	0	0	0	0
6-8	8.8	10.8	5.3	2.3	0.2	0	0	0
8-10	15.5	16.3	8.5	9.8	8.5	3	0.2	0
10-12	12.2	15.7	18.4	16.7	18.5	18.6	11.3	2.4
12-14	20	26.9	36.3	34.8	33.5	34.9	38.3	33.8
14-16	17.2	16.9	23.4	29.3	32.8	36.6	42.7	54.9
16-18	4.9	5.6	6.2	6.1	6	6.5	7.3	8.8
18-20	0.8	1.3	1.5	0.9	0.5	0.4	0.2	0.1
20-22	0.1	0.3	0.3	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-102. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 102

Grid 102

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	11.1	0	0	0	0	0	0	0
4-6	9.2	3.1	0.2	0	0	0	0	0
6-8	11.4	7.4	7.4	3.3	0.2	0	0	0
8-10	18.2	17.9	15.3	16.7	12.9	3.7	0.2	0
10-12	16.6	30.2	28.6	27	29.6	29.7	16.9	3.7
12-14	16.5	26.1	31.6	34.7	35.5	39.6	47.1	43.4
14-16	12.1	11.4	13	15.4	19.3	24.5	32.9	48.8
16-18	4.2	3.3	3.1	2.6	2.3	2.5	2.9	4.1
18-20	0.7	0.6	0.5	0.3	0.1	0	0	0
20-22	0.1	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	12.9	0	0	0	0	0	0	0
4-6	11.7	2.6	0.3	0	0	0	0	0
6-8	12.1	7.3	8.9	4.2	0.2	0	0	0
8-10	18.9	18.9	17.4	21.1	16.3	3.7	0.2	0
10-12	18.7	34.6	33.2	32.7	37.7	39.4	18.7	5.4
12-14	15.8	24.6	28.8	32.5	36	44.5	60.4	56.6
14-16	7.7	9.1	9.1	8.3	9.1	11.7	19.6	35.9
16-18	2	2.6	2.1	1.2	0.7	0.7	1.1	2.1
18-20	0.2	0.4	0.2	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	9.1	0	0	0	0	0	0	0
4-6	6.2	3.8	0.3	0	0	0	0	0
6-8	11.5	9	6.3	2.9	0.2	0	0	0
8-10	20.5	22.4	14.8	14.6	12.1	4	0.2	0
10-12	15.2	23.5	29.5	30.3	31.7	31.1	19.3	4.3
12-14	14.8	23.3	29.3	32.7	33.5	37.4	45.2	43.9
14-16	15	13	15.1	15.8	19.6	24.4	31.6	46.8
16-18	6.2	4.1	3.9	3.1	2.8	3	3.6	5
18-20	1.3	0.7	0.6	0.5	0.2	0.1	0	0
20-22	0.2	0.1	0.2	0.1	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-103. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 103

Grid 103

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	31.5	0.2	0	0	0	0	0	0
4-6	15.1	19.7	1.1	0	0	0	0	0
6-8	18.9	29.2	21.2	5.1	0.2	0	0	0
8-10	15.7	19.7	20.6	21.1	12.6	2.6	0.2	0
10-12	9.2	15.8	29.2	35.4	36.2	31	16	3.6
12-14	6.1	10.1	20.3	29.9	39.4	48.9	58.6	55
14-16	2.8	3.9	6	7.4	10.6	16.1	23.5	38.7
16-18	0.6	1.2	1.3	1	1.1	1.3	1.7	2.6
18-20	0.1	0.2	0.2	0.1	0.1	0.1	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	31.3	0.2	0	0	0	0	0	0
4-6	16.3	20.3	0.9	0	0	0	0	0
6-8	21	32.6	19.7	4.1	0.1	0	0	0
8-10	15.5	20.2	23.9	22.3	12.5	2.4	0.1	0
10-12	8.5	14.4	33.4	43.2	46.8	41.1	20.3	4.7
12-14	5	7.2	15.7	25.3	33.3	46.2	64	61.7
14-16	1.9	3.2	4.2	4.4	6.5	9.5	14.7	30.8
16-18	0.4	1.6	1.7	0.6	0.8	0.9	1	2.8
18-20	0.1	0.2	0.4	0.1	0	0	0	0
20-22	0	0.1	0.1	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	32.8	0.2	0	0	0	0	0	0
4-6	14.4	18.6	1.3	0	0	0	0	0
6-8	16.6	25.9	22.5	6.2	0.2	0	0	0
8-10	15.7	20.3	19.6	22.6	14	3.1	0.3	0
10-12	9.8	16.4	26	30.3	31.6	28.2	15.7	4
12-14	6.7	13.1	21.8	29.9	39.5	46.4	54.2	53.4
14-16	3.3	4.5	7.6	9.7	13.2	20.7	27.9	40.2
16-18	0.7	0.9	1.2	1.2	1.3	1.5	1.9	2.4
18-20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Table G-104. Annual and Seasonal Hs-Tp Conditional Probabilities for Grid 104

Grid 104

Annual

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	25.7	0	0	0	0	0	0	0
4-6	9.2	4.9	0.5	0	0	0	0	0
6-8	17.3	22.8	16.1	5.8	0.2	0	0	0
8-10	17.1	28.9	35.8	38.8	25.7	5.8	0.2	0
10-12	9.7	19.4	22.9	32.1	48.7	58.7	39.5	10.9
12-14	12.2	16	15.9	14.5	17.3	28	50.5	69.2
14-16	7.3	6.3	7.2	7.5	6.9	6.6	8.9	18.8
16-18	1.3	1.5	1.3	1.3	1.1	0.9	0.8	1.1
18-20	0.2	0.2	0.1	0.1	0.1	0	0.1	0.1
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Winter

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	25.5	0	0	0	0	0	0	0
4-6	10.2	4.5	0.5	0	0	0	0	0
6-8	19.3	25.2	18.8	6.7	0.2	0	0	0
8-10	17.3	31	40.2	46.5	31.3	6.2	0.2	0
10-12	9.1	19.7	21.5	31.1	52.1	69.2	49.8	18.1
12-14	11.5	14	13.6	11	12.4	21.6	46.3	74.1
14-16	5.8	4.2	4.5	4.1	3.5	2.6	3.6	7.7
16-18	1.2	1.1	0.8	0.6	0.6	0.3	0.1	0.1
18-20	0.2	0.1	0.1	0.1	0	0	0	0
20-22	0	0	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

Summer

Period (sec) \ Significant Wave Height (m)	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
2-4	25.4	0	0	0	0	0	0	0
4-6	8.8	5.3	0.6	0	0	0	0	0
6-8	17.3	25.3	15.7	5.5	0.2	0	0	0
8-10	18.6	29.6	36.3	37.1	24	5.6	0.3	0
10-12	9.9	16.2	23.1	33.5	49.2	56.7	38.8	10.3
12-14	11.3	14.4	14.3	13.8	17.8	29.3	50.3	66.6
14-16	7.2	7.2	8.2	8.6	7.6	7.2	9.3	21.4
16-18	1.3	1.5	1.6	1.4	1.1	1.2	1.1	1.4
18-20	0.1	0.3	0.2	0.1	0.1	0.1	0.2	0.3
20-22	0	0.1	0	0	0	0	0	0
22-24	0	0	0	0	0	0	0	0
24-26	0	0	0	0	0	0	0	0

APPENDIX H: Sea State Probability of Occurrence

FIGURES

Figure H-1. Annual Probability of Occurrence of Sea State 2 ..... H-2
Figure H-2. Annual Probability of Occurrence of Sea State 3 ..... H-3
Figure H-3. Annual Probability of Occurrence of Sea State 4 ..... H-4
Figure H-4. Annual Probability of Occurrence of Sea State 5 ..... H-5
Figure H-5. Annual Probability of Occurrence of Sea State 6 ..... H-6
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Figure H-13. Monthly Probability of Occurrence of Sea State 3 for Sep-Dec H-14
Figure H-14. Monthly Probability of Occurrence of Sea State 4 for Jan-Apr H-15
Figure H-15. Monthly Probability of Occurrence of Sea State 4 for May-Aug..... H-16
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Figure H-21. Monthly Probability of Occurrence of Sea State 6 for May-Aug..... H-22
Figure H-22. Monthly Probability of Occurrence of Sea State 6 for Sep-Dec H-23
Figure H-23. Monthly Probability of Occurrence of Sea State 7 for Jan-Apr H-24
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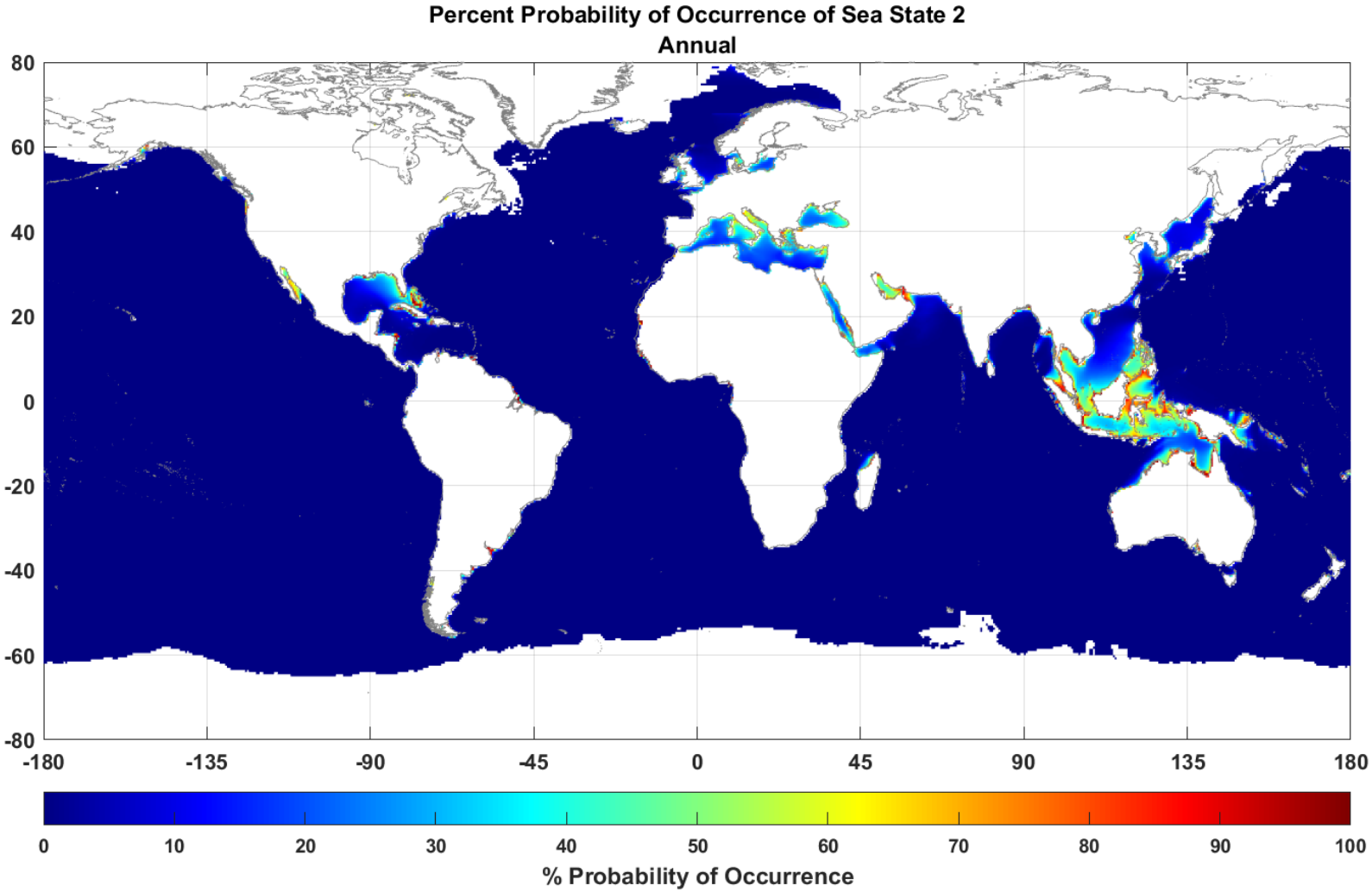


Figure H-1. Annual Probability of Occurrence of Sea State 2

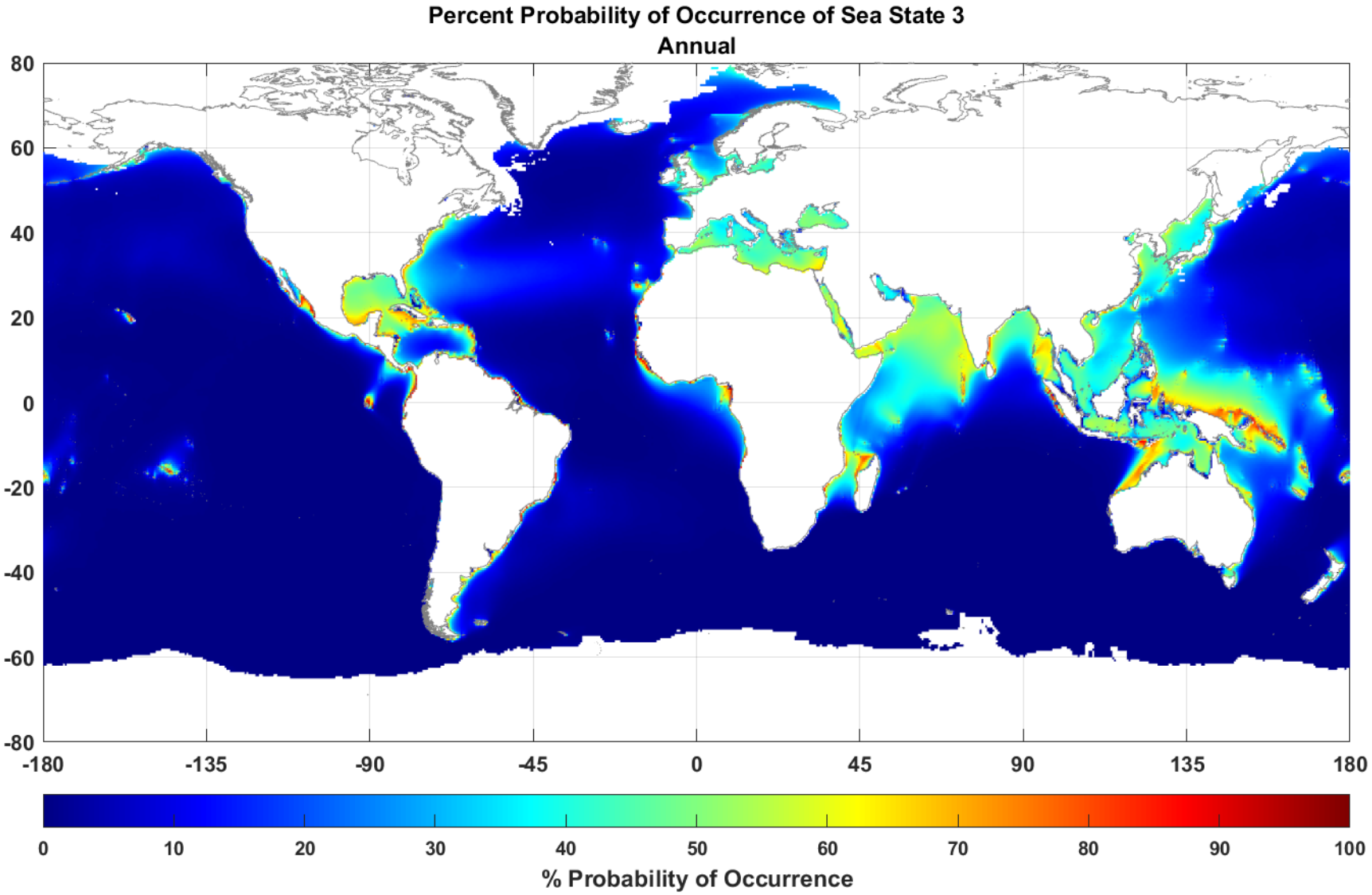


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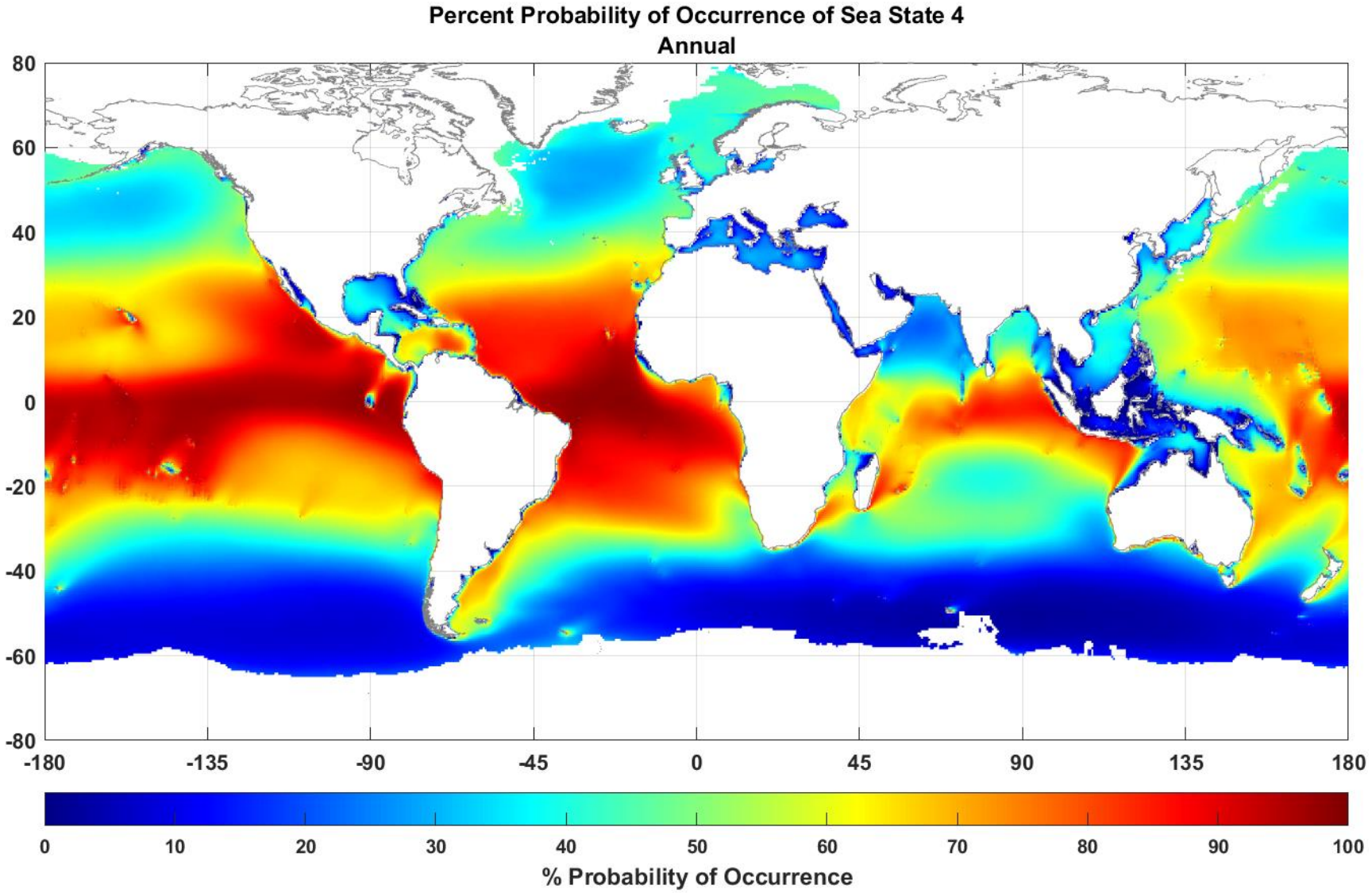


Figure H-3. Annual Probability of Occurrence of Sea State 4

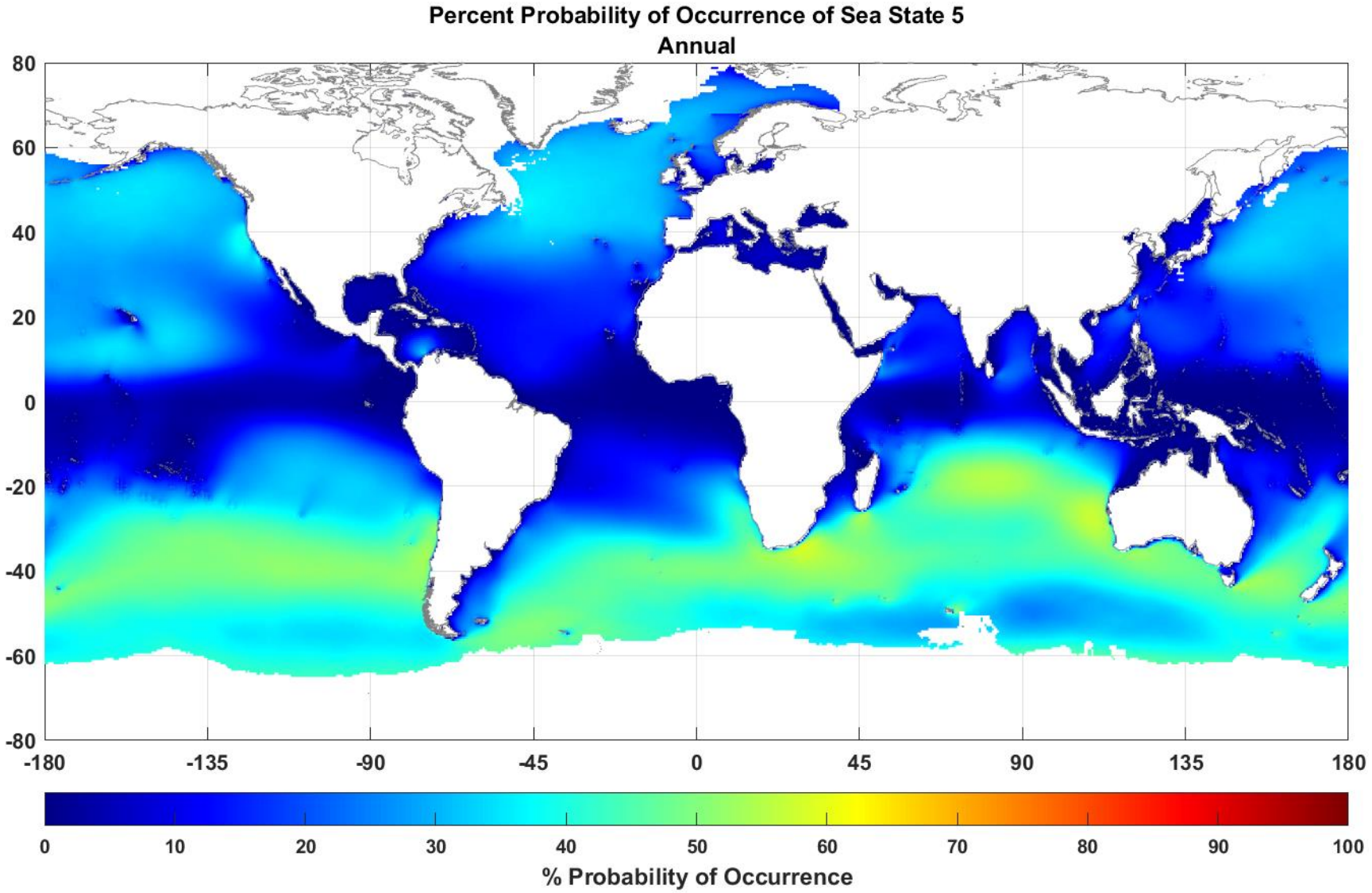


Figure H-4. Annual Probability of Occurrence of Sea State 5

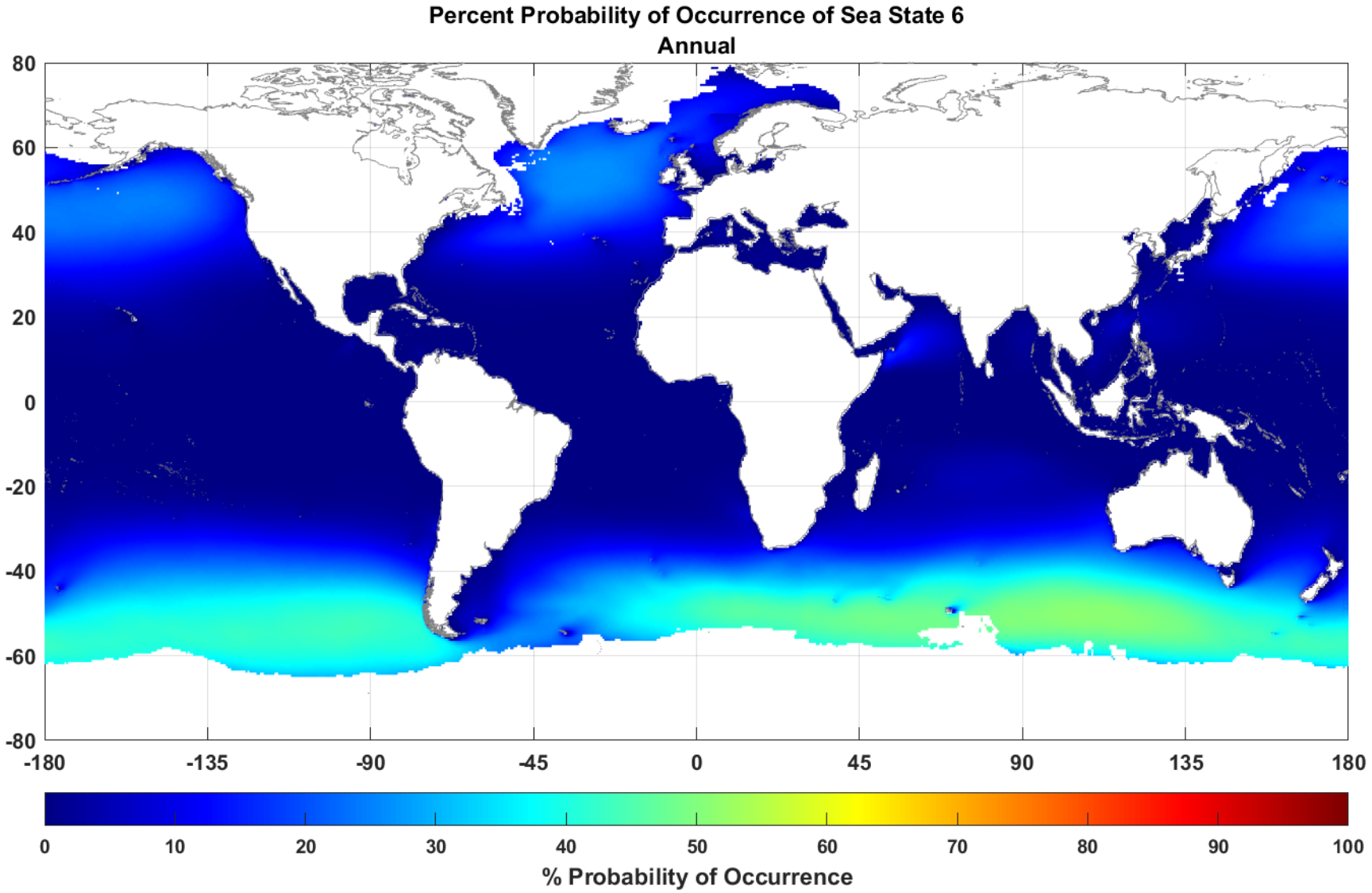


Figure H-5. Annual Probability of Occurrence of Sea State 6

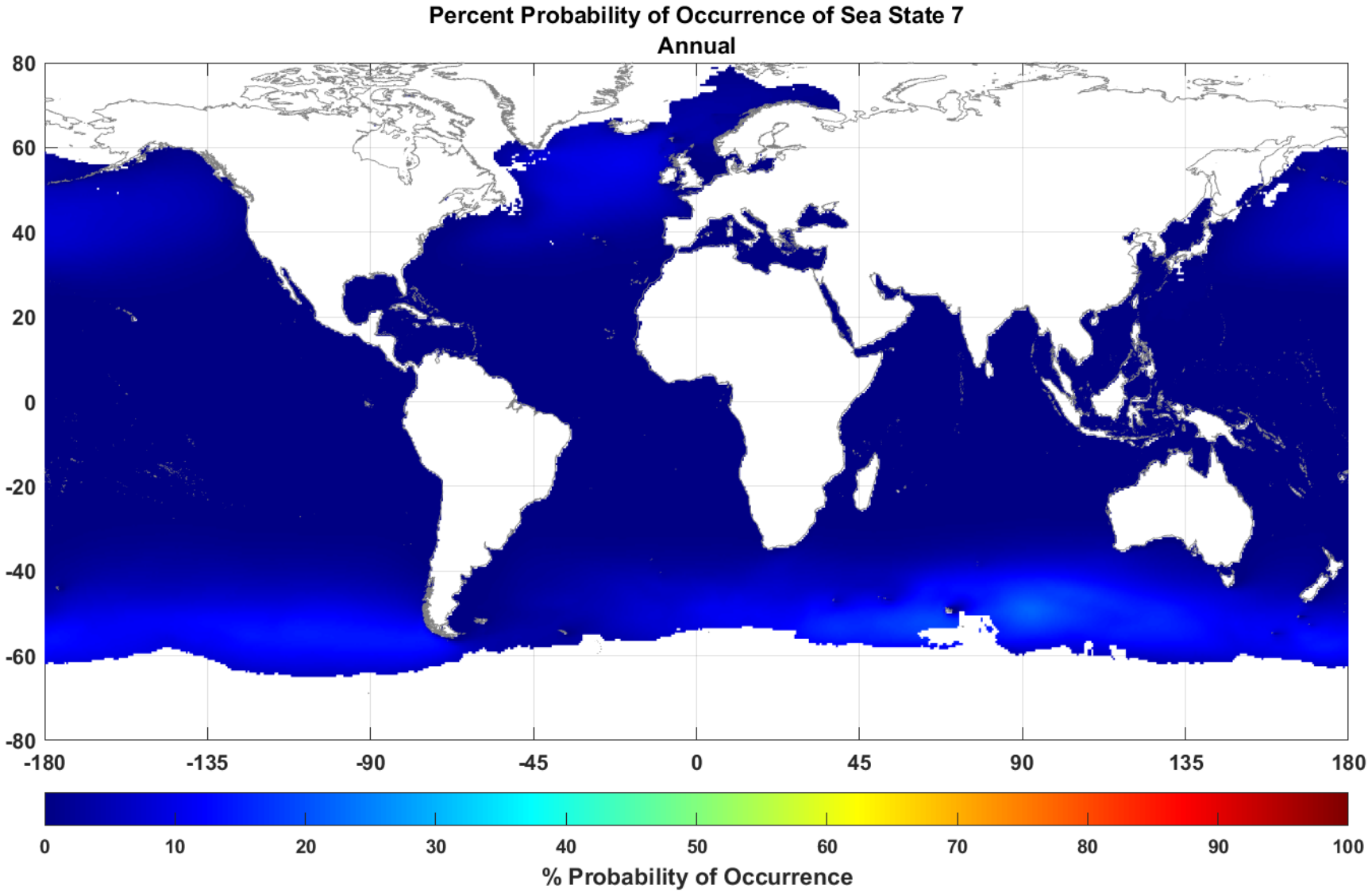


Figure H-6. Annual Probability of Occurrence of Sea State 7

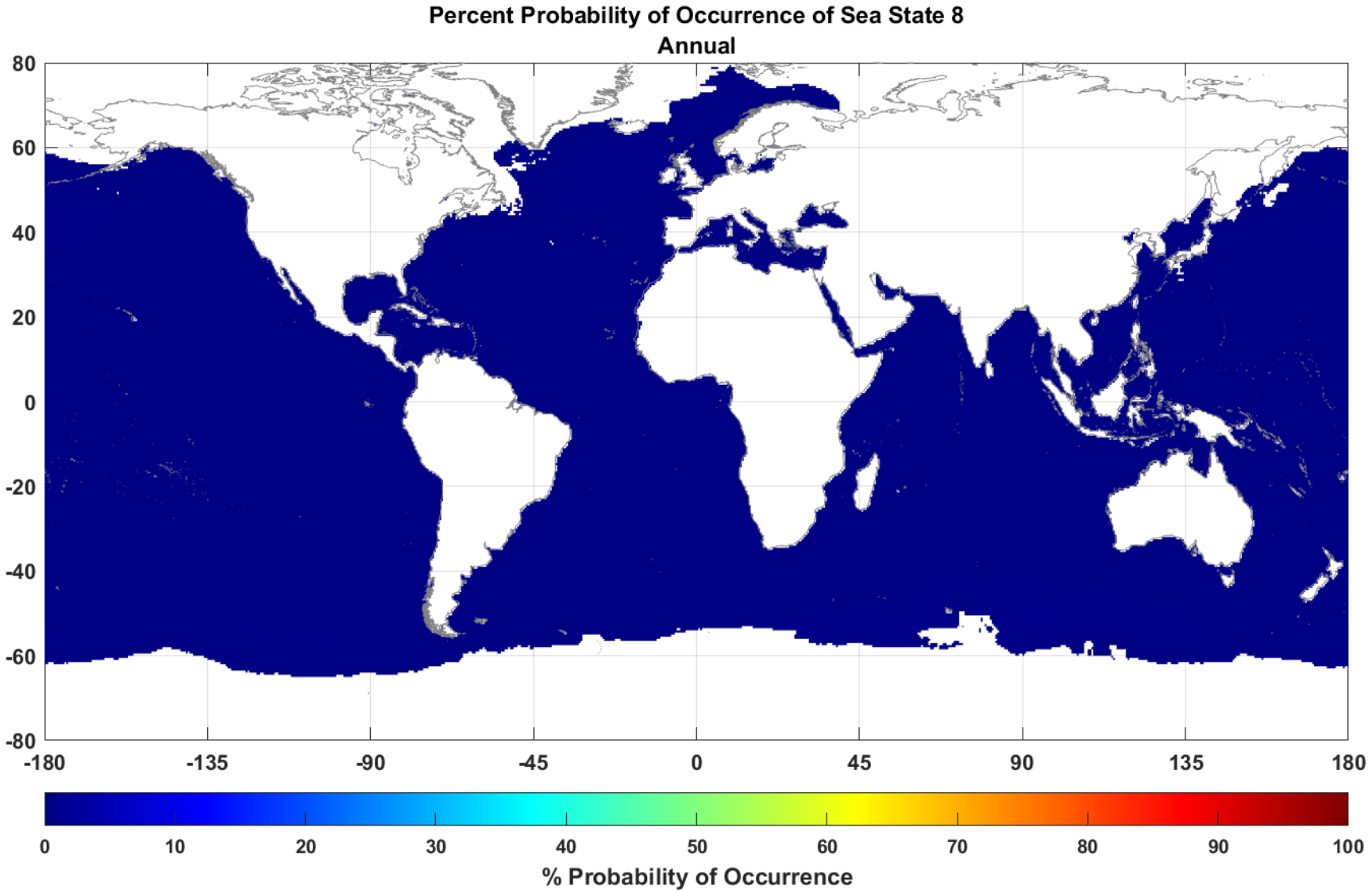


Figure H-7. Annual Probability of Occurrence of Sea State 8

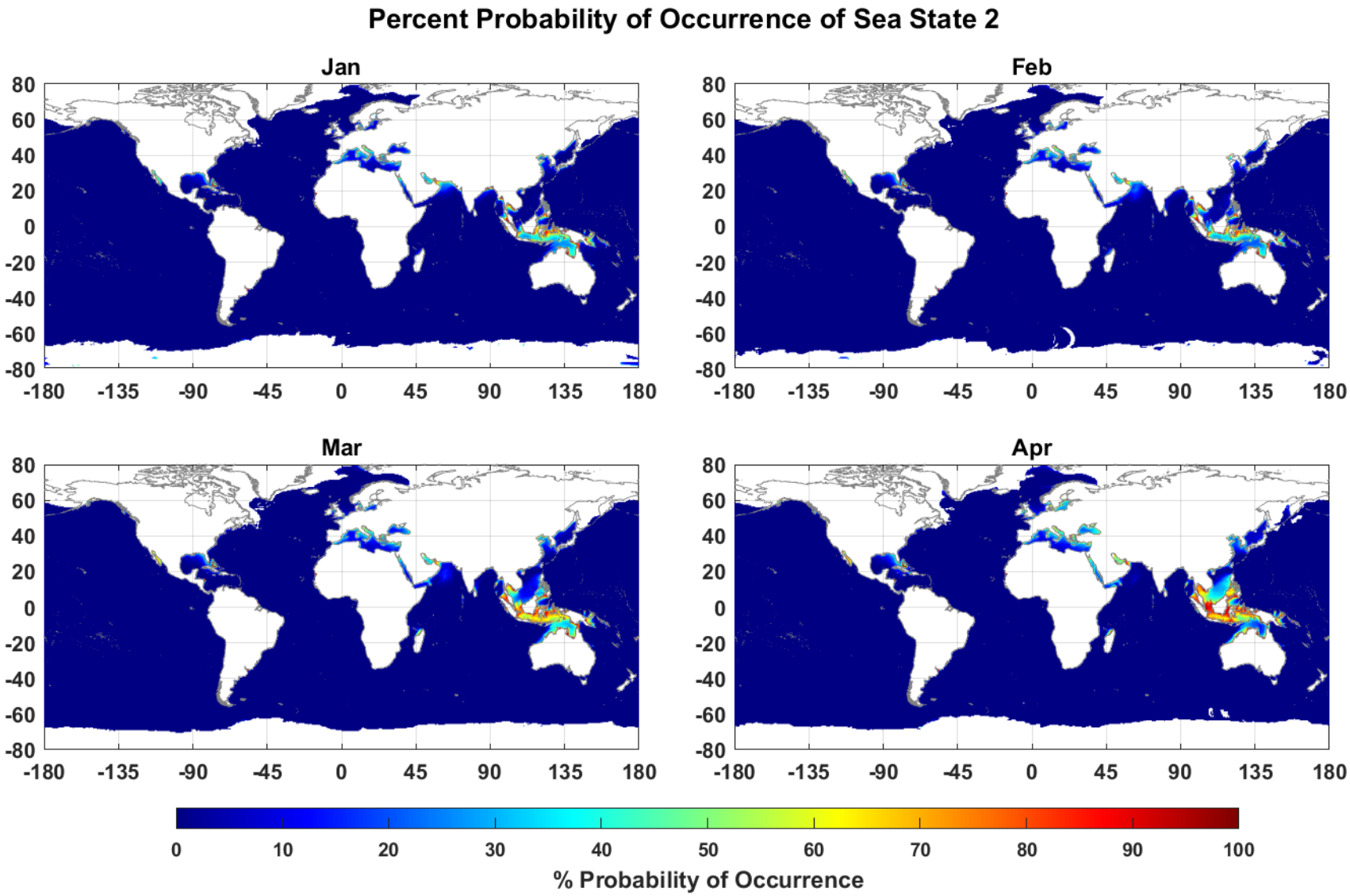


Figure H-8. Monthly Probability of Occurrence of Sea State 2 for Jan-Apr

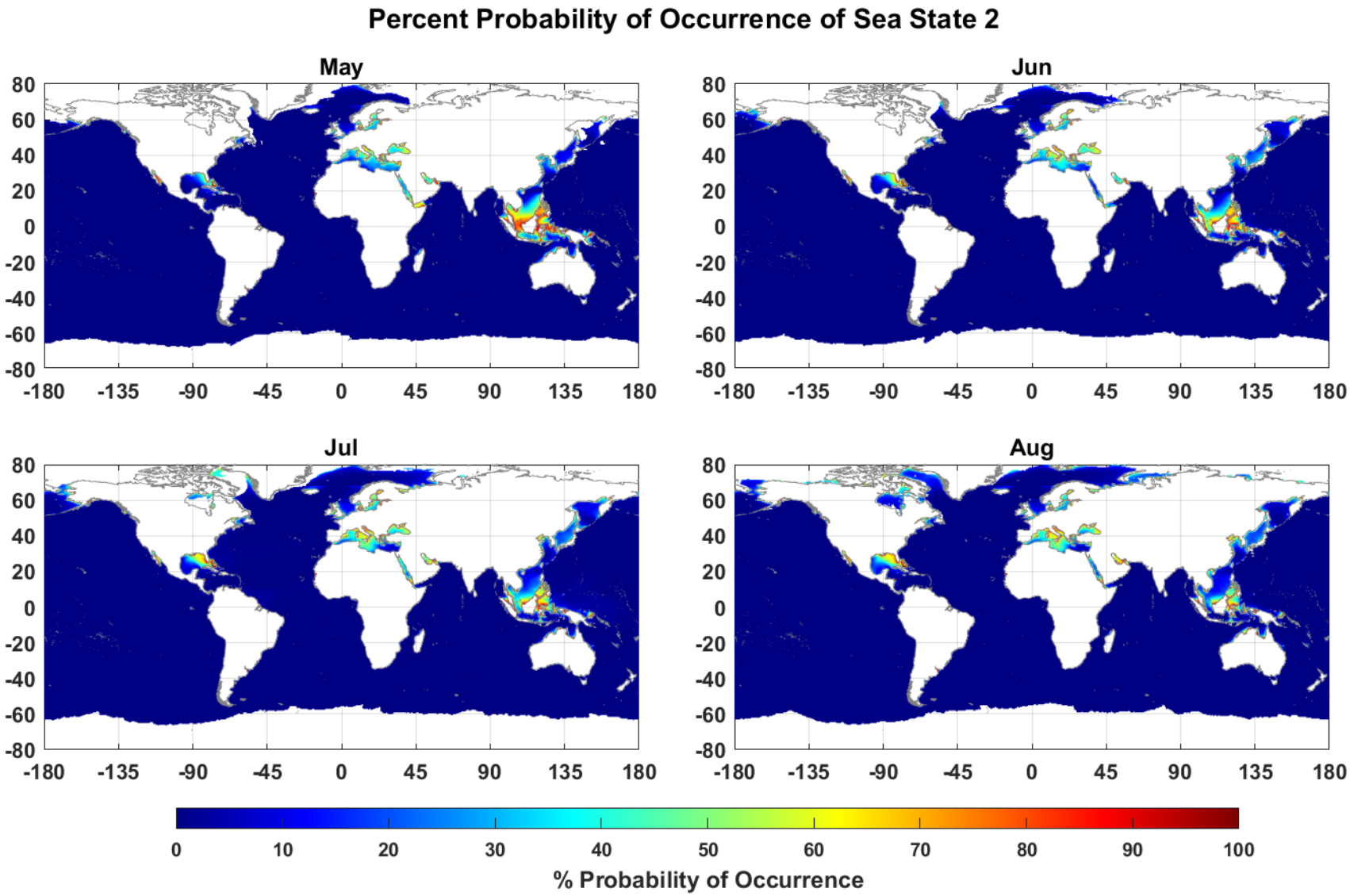


Figure H-9. Monthly Probability of Occurrence of Sea State 2 for May-Aug

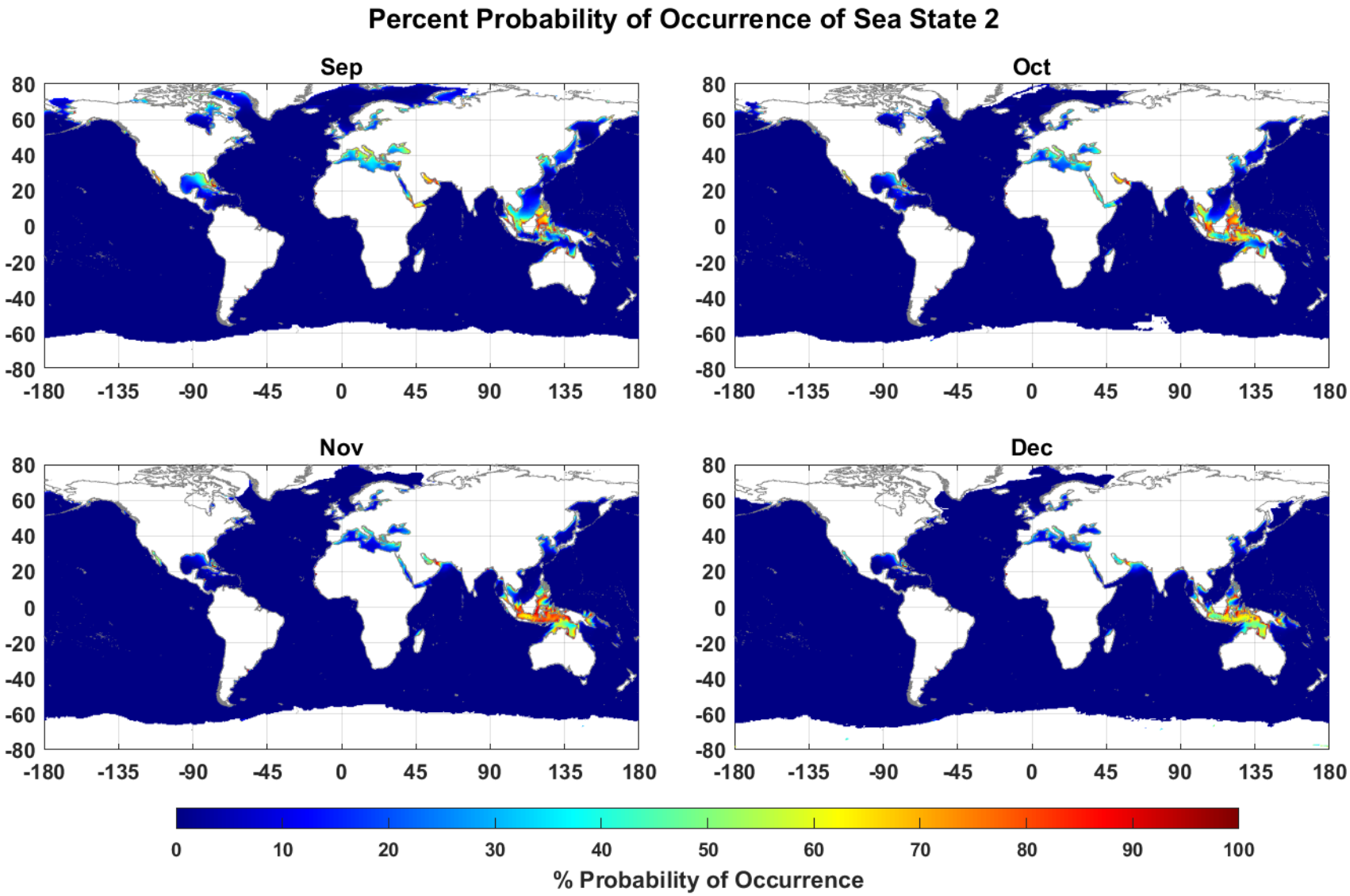


Figure H-10. Monthly Probability of Occurrence of Sea State 2 for Sep-Dec

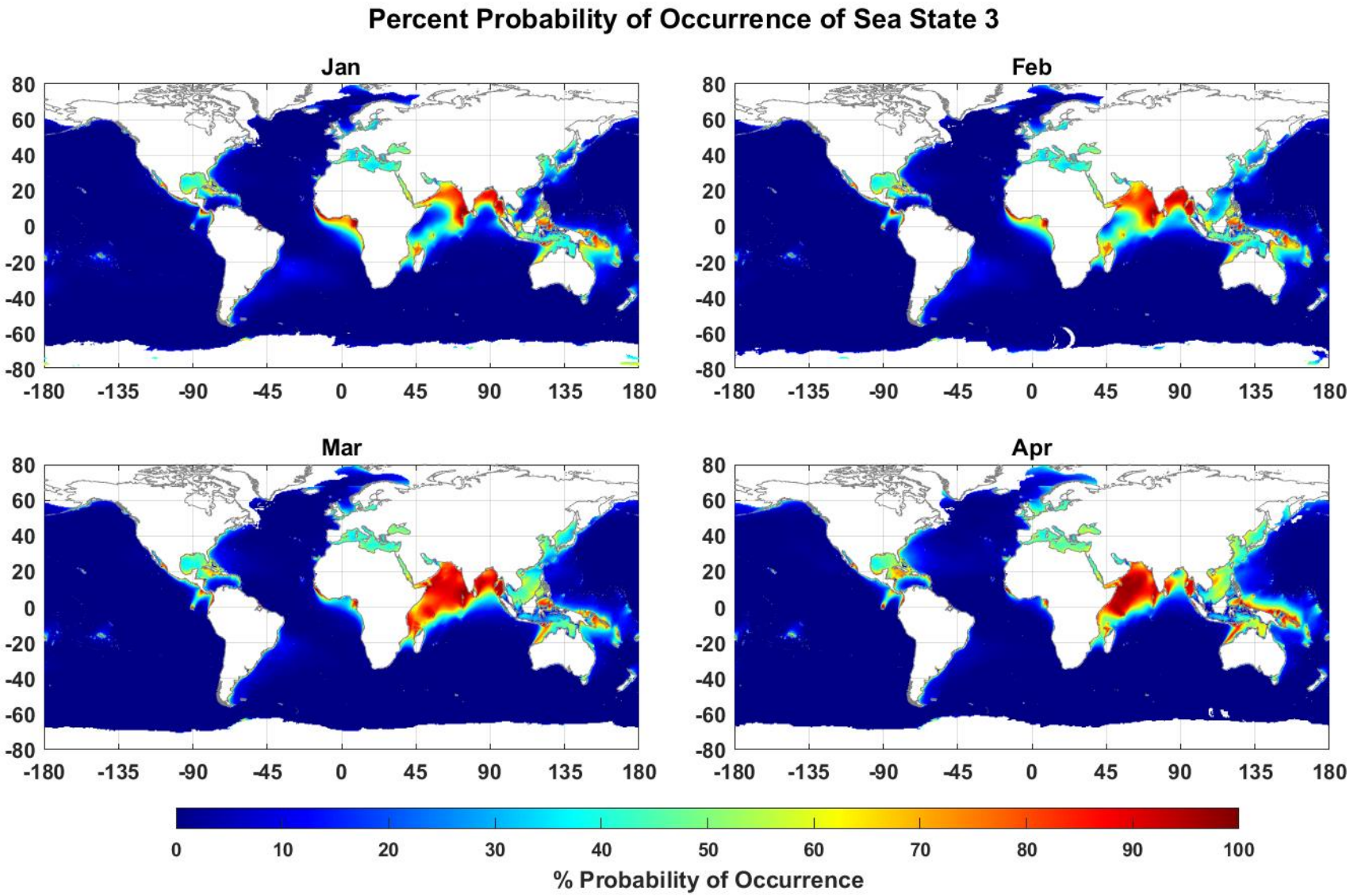


Figure H-11. Monthly Probability of Occurrence of Sea State 3 for Jan-Apr

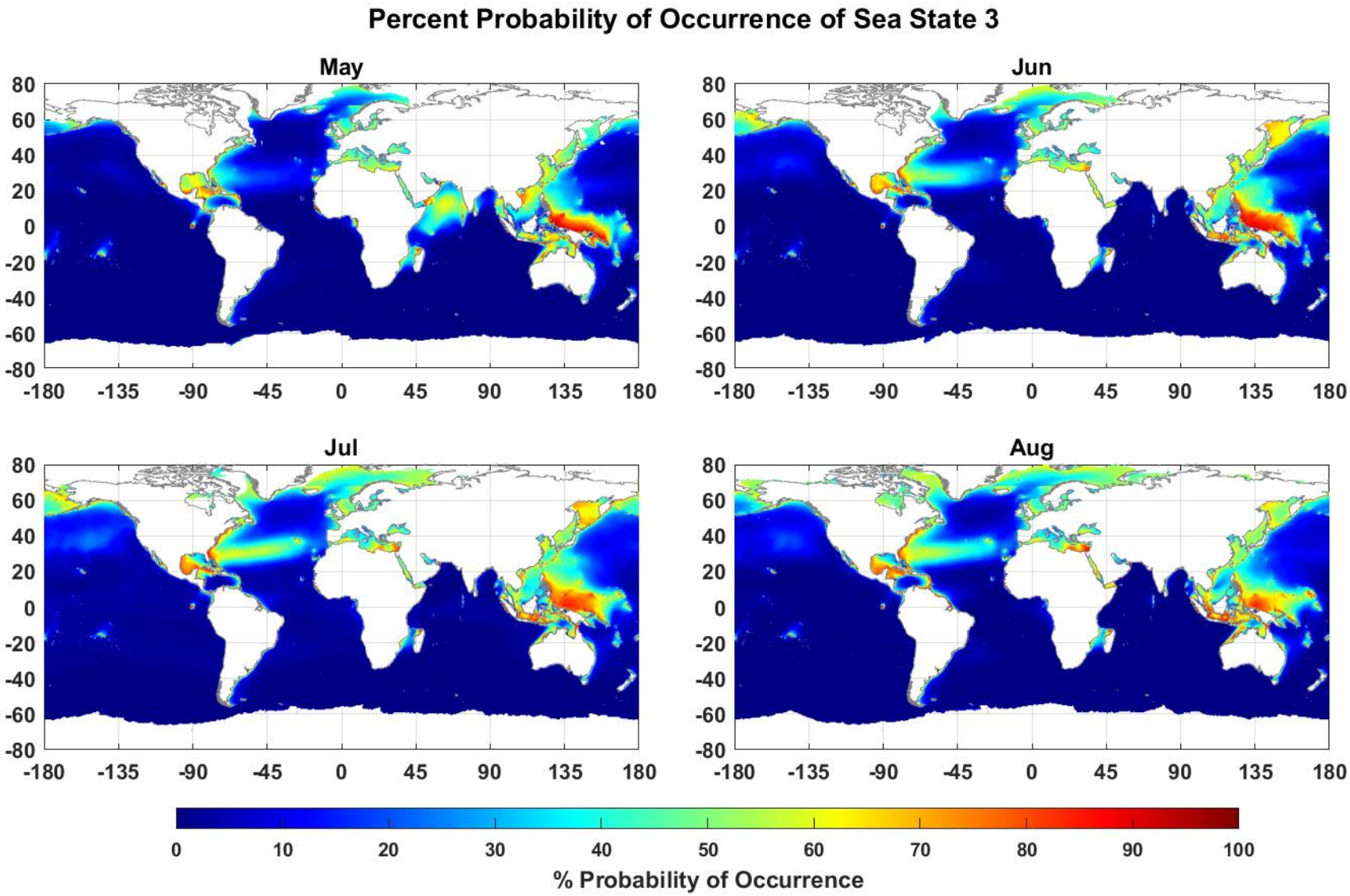


Figure H-12. Monthly Probability of Occurrence of Sea State 3 for May-Aug

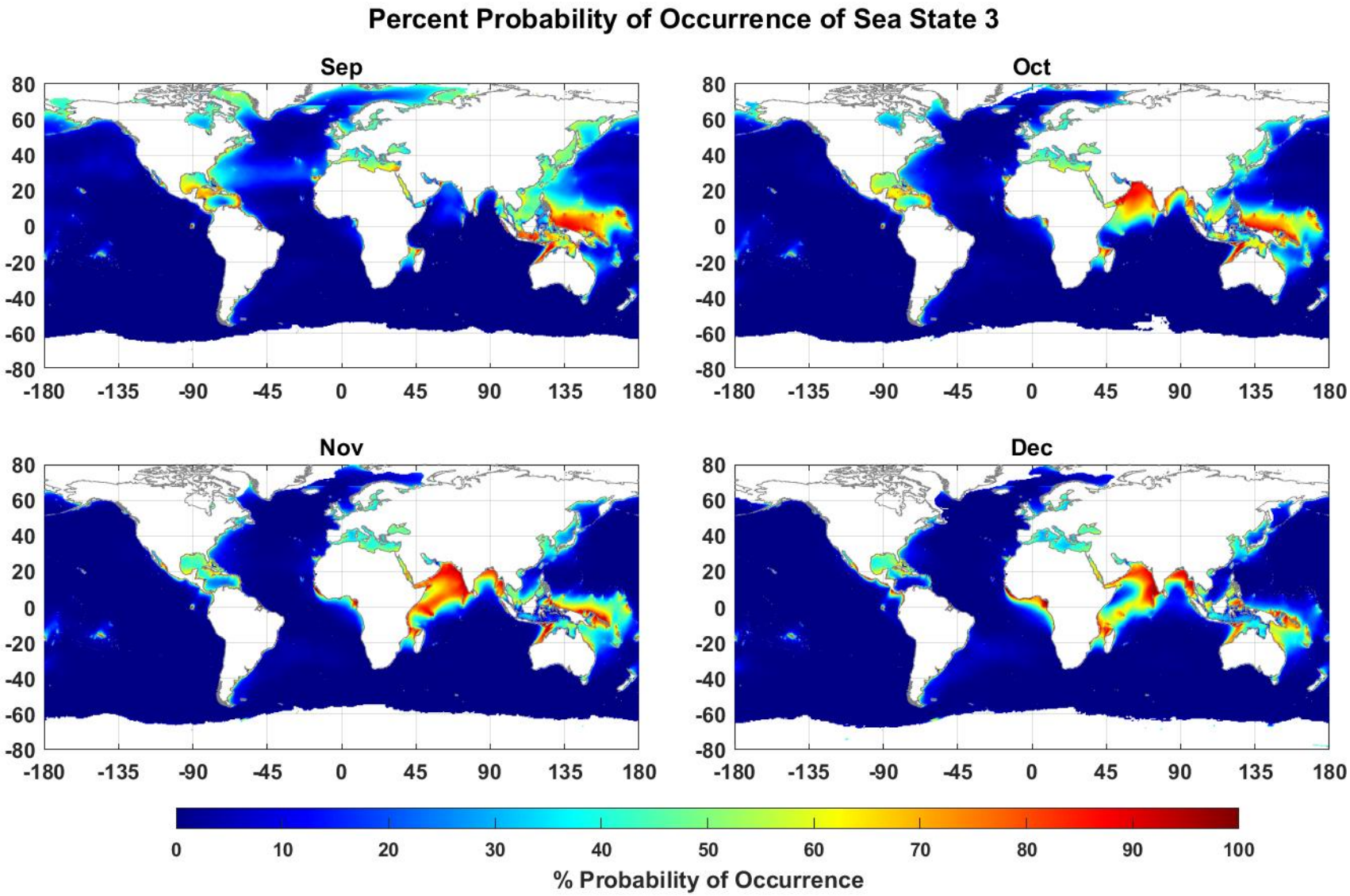


Figure H-13. Monthly Probability of Occurrence of Sea State 3 for Sep-Dec

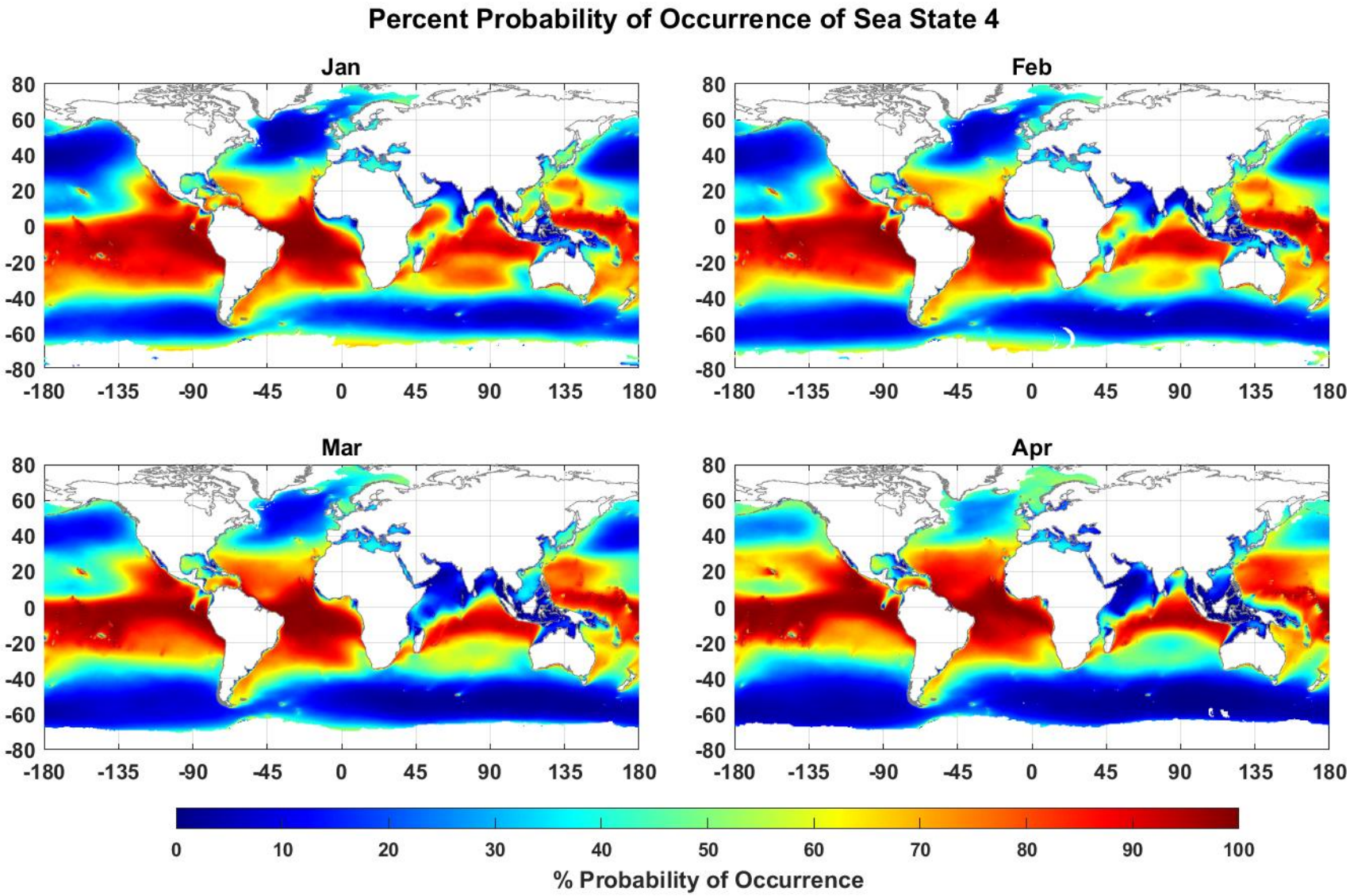


Figure H-14. Monthly Probability of Occurrence of Sea State 4 for Jan-Apr

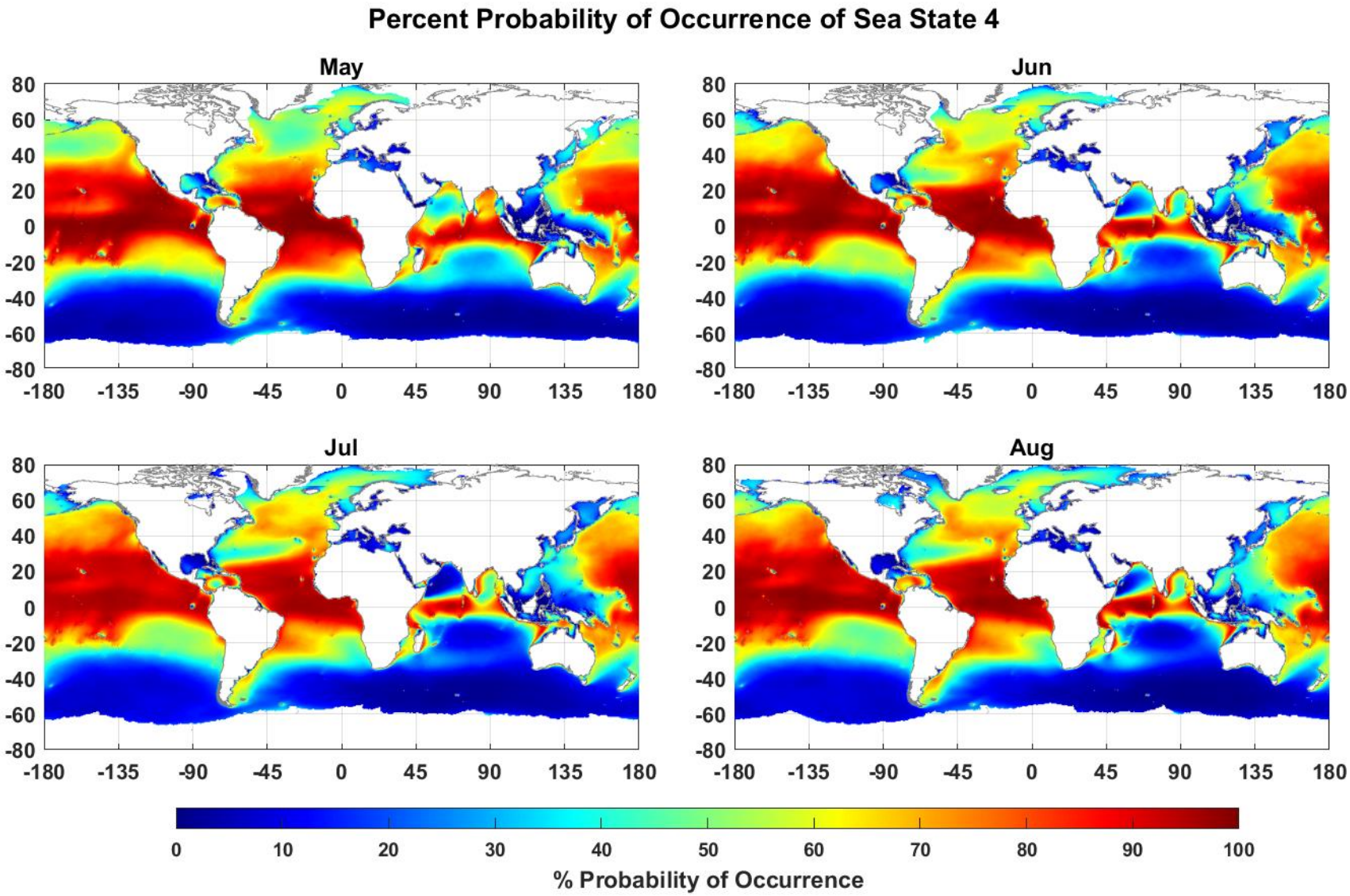


Figure H-15. Monthly Probability of Occurrence of Sea State 4 for May-Aug

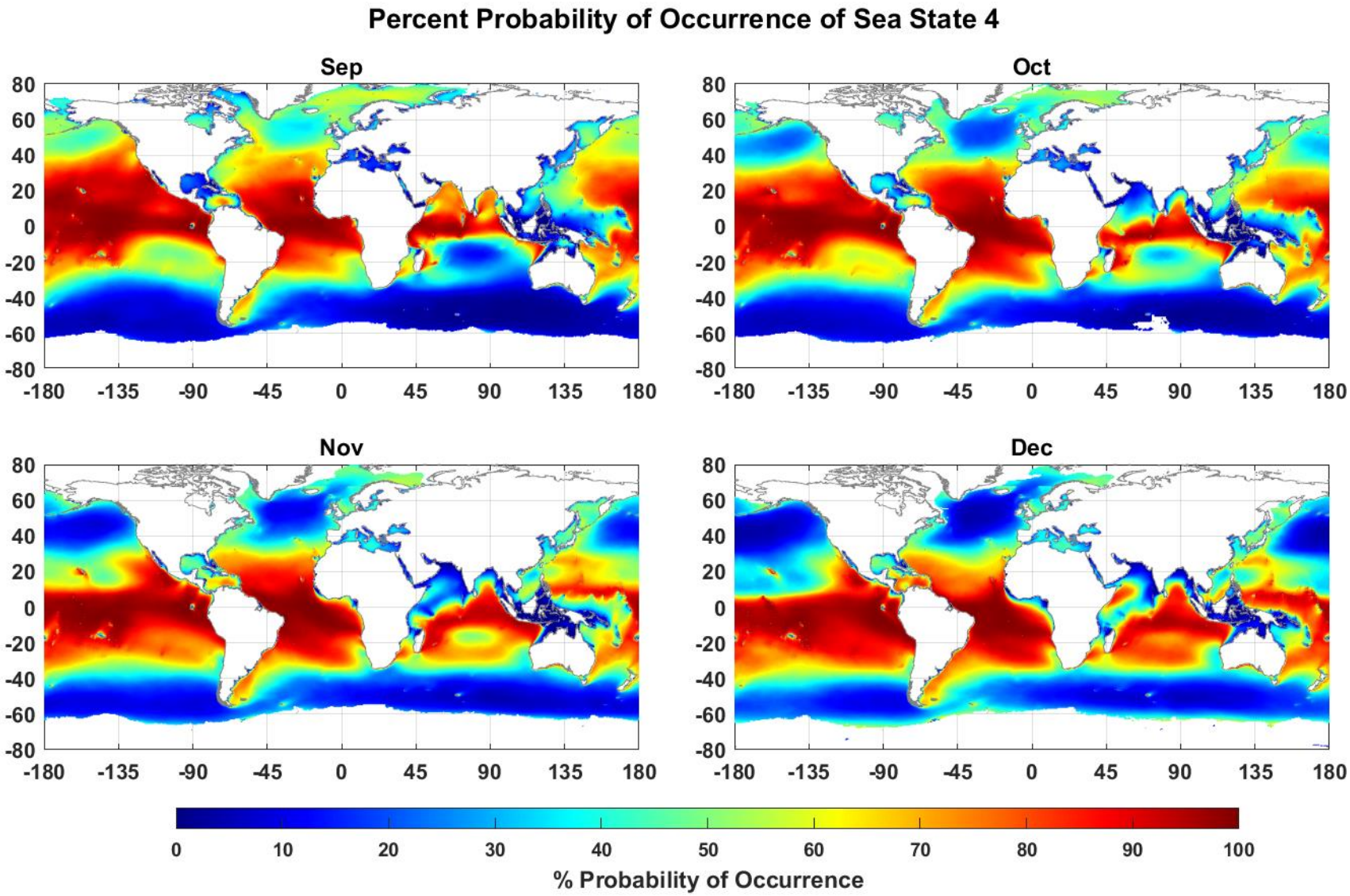


Figure H-16. Monthly Probability of Occurrence of Sea State 4 for Sep-Dec

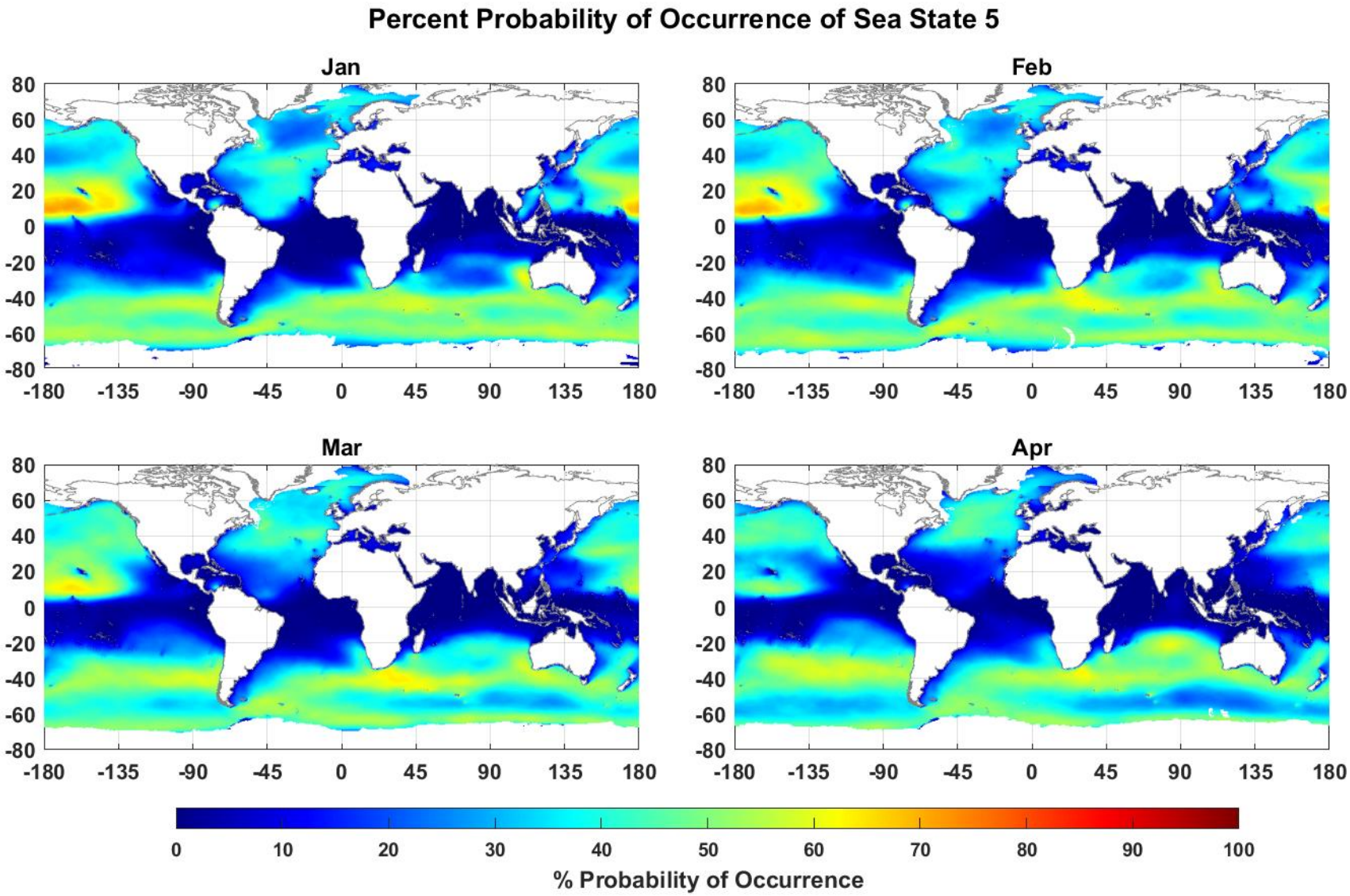


Figure H-17. Monthly Probability of Occurrence of Sea State 5 for Jan-Apr

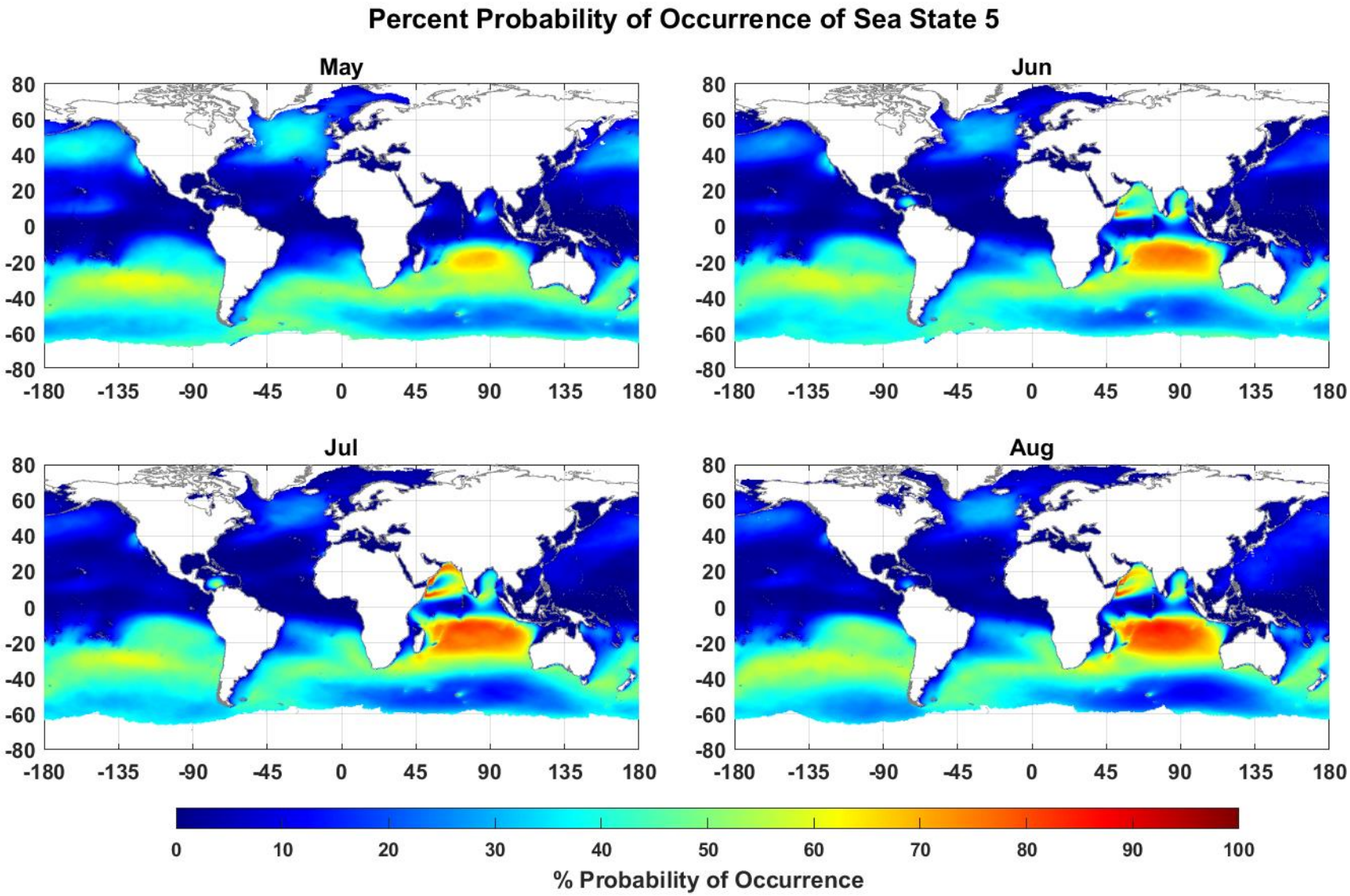


Figure H-18. Monthly Probability of Occurrence of Sea State 5 for May-Aug

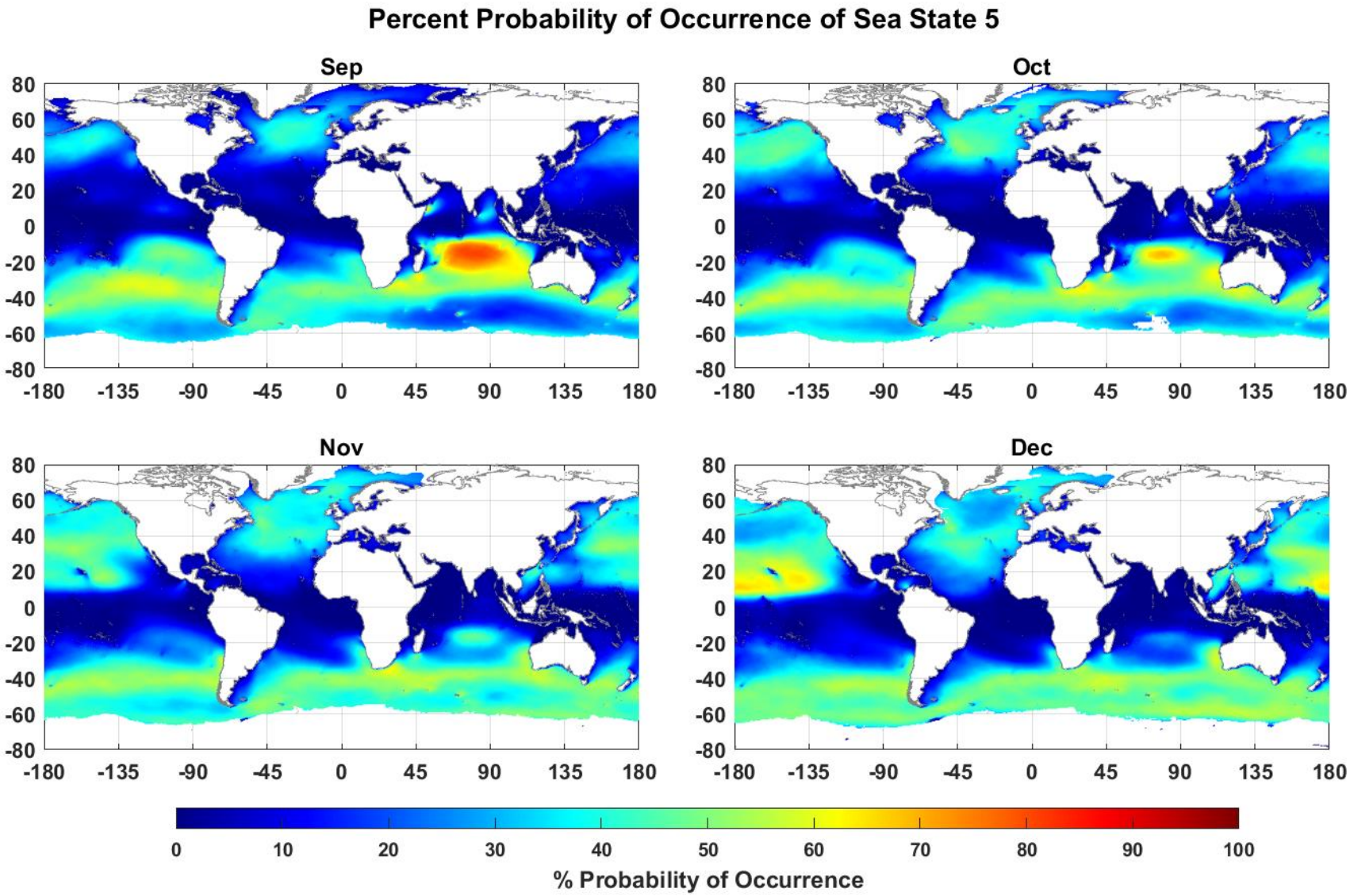


Figure H-19. Monthly Probability of Occurrence of Sea State 5 for Sep-Dec

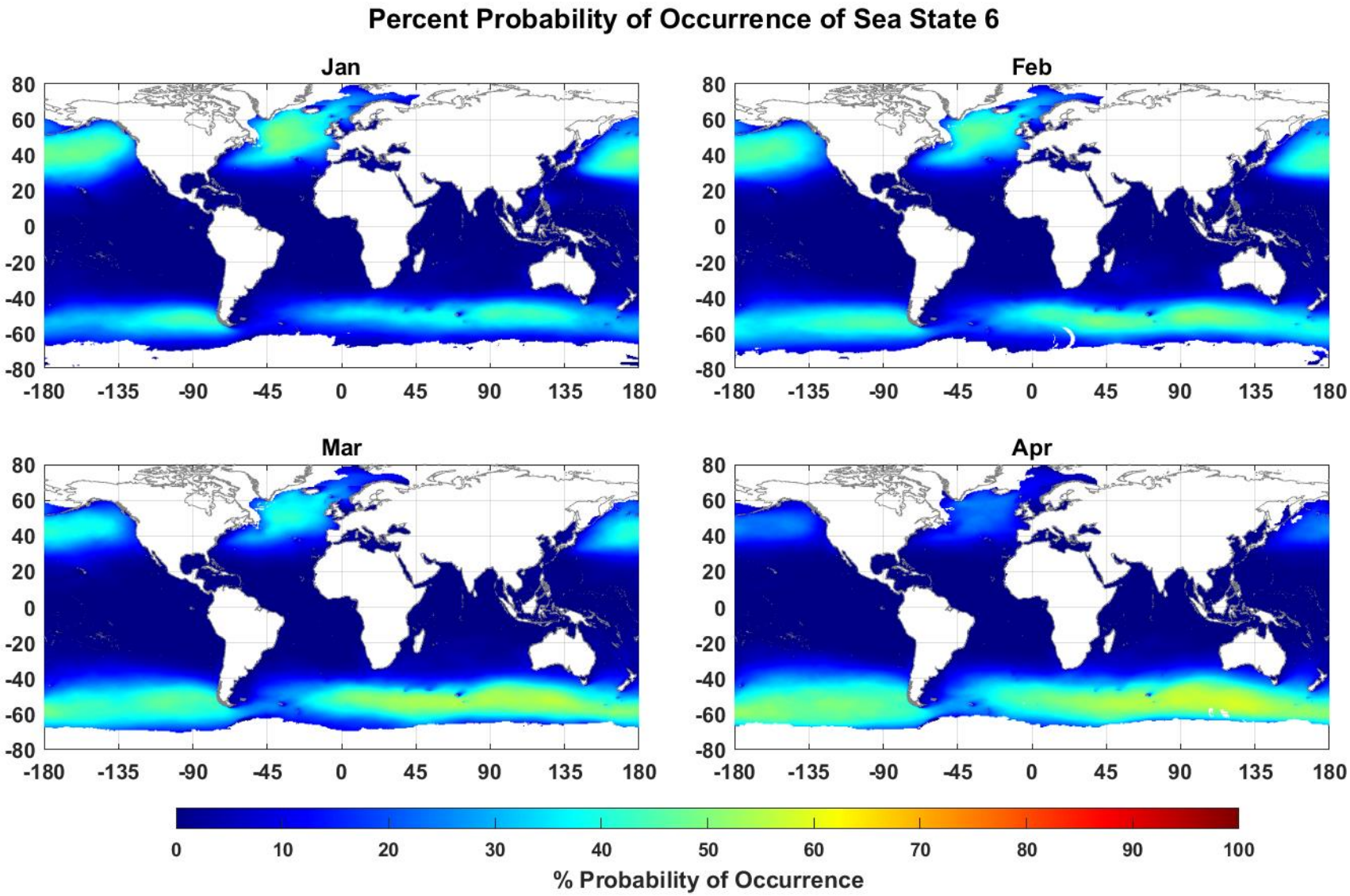


Figure H-20. Monthly Probability of Occurrence of Sea State 6 for Jan-Apr

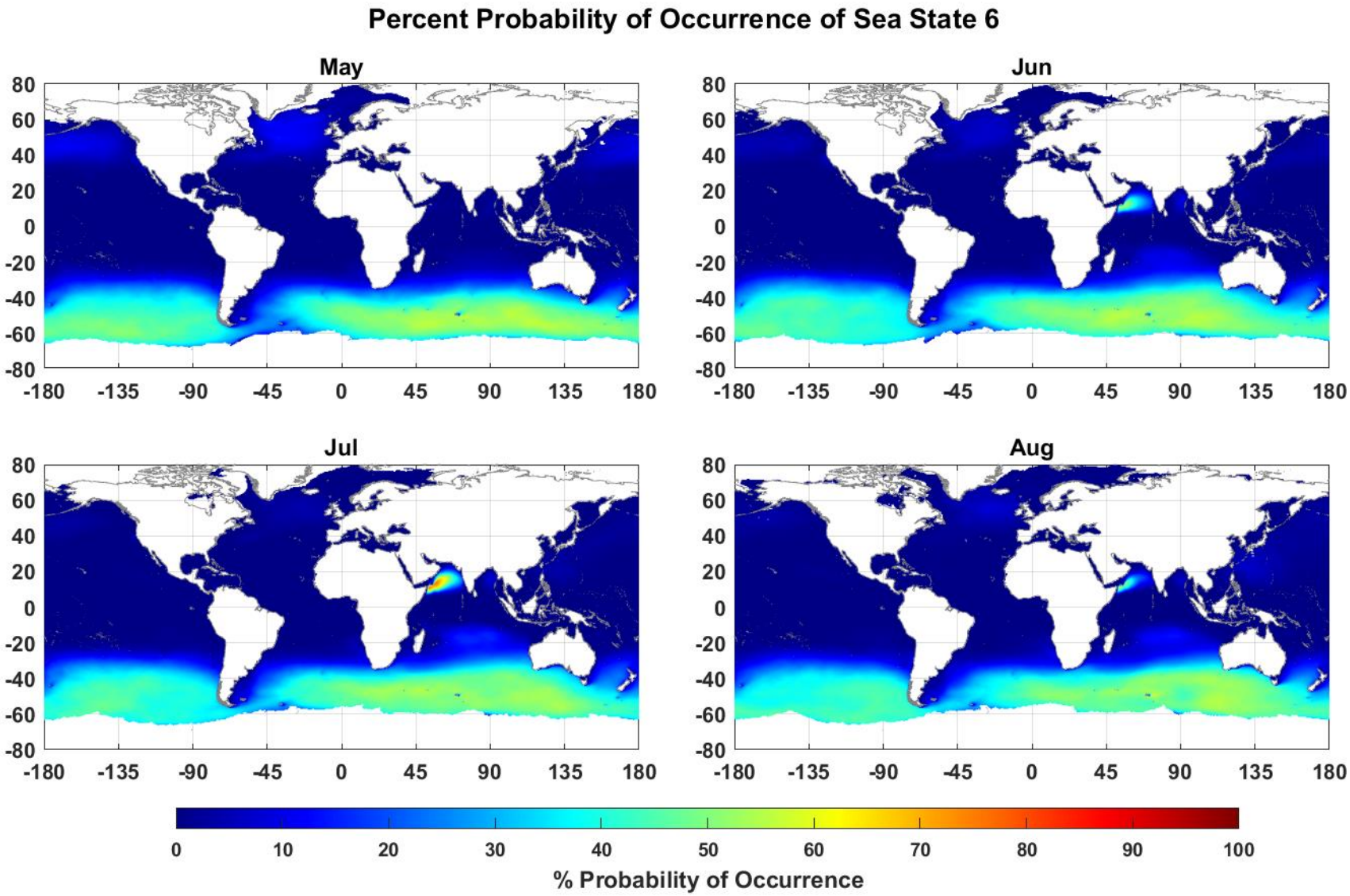


Figure H-21. Monthly Probability of Occurrence of Sea State 6 for May-Aug

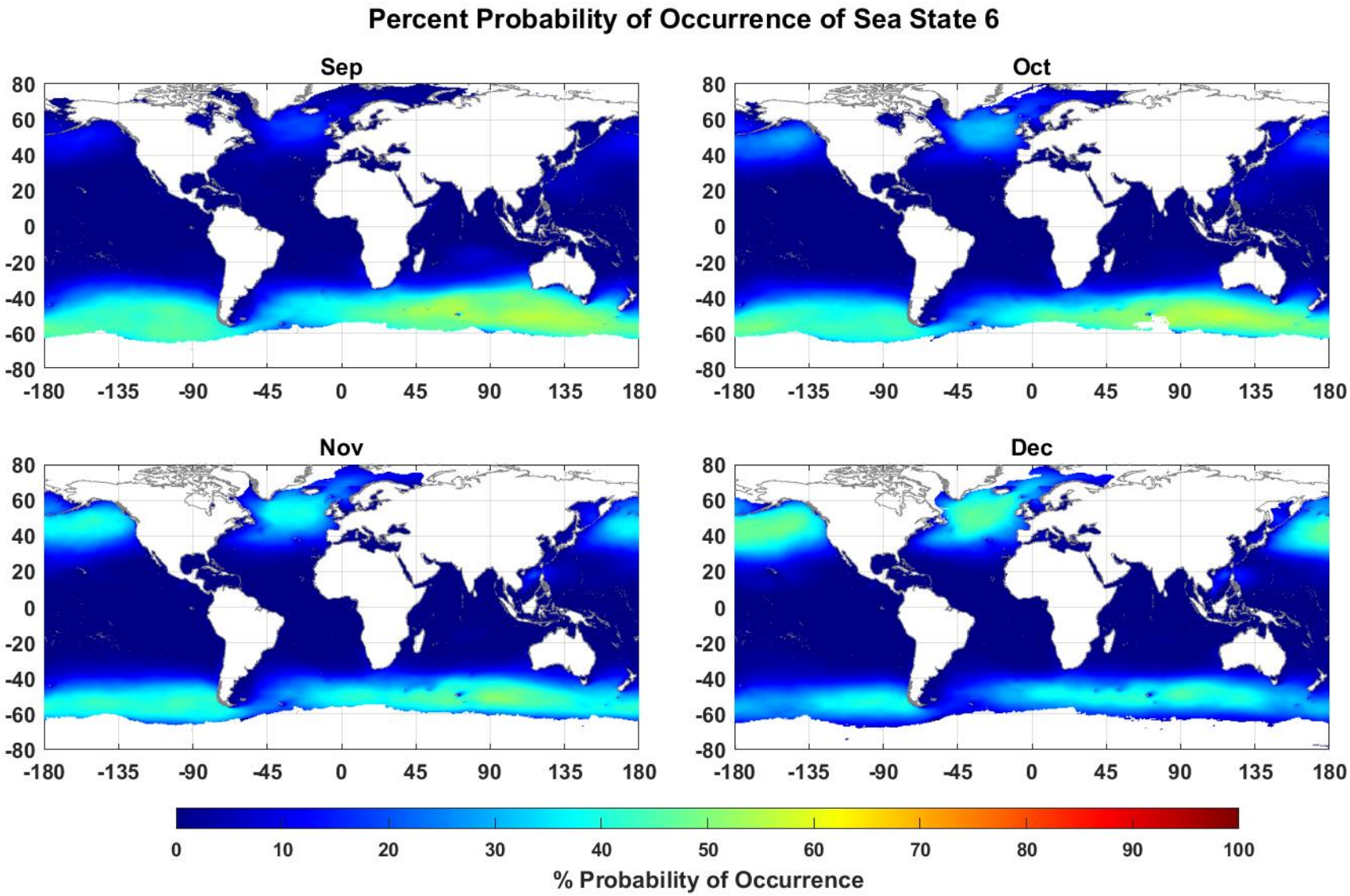


Figure H-22. Monthly Probability of Occurrence of Sea State 6 for Sep-Dec

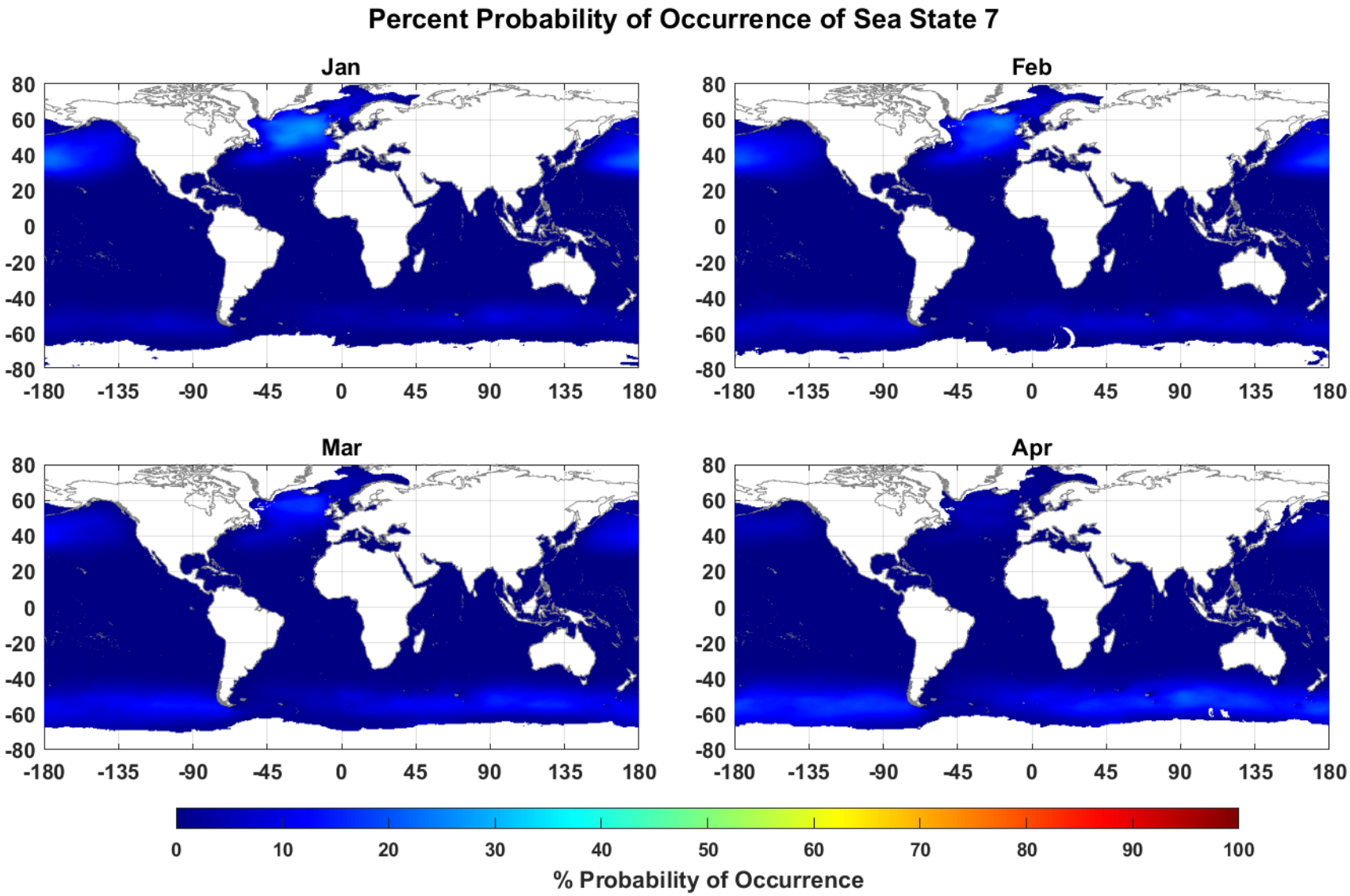


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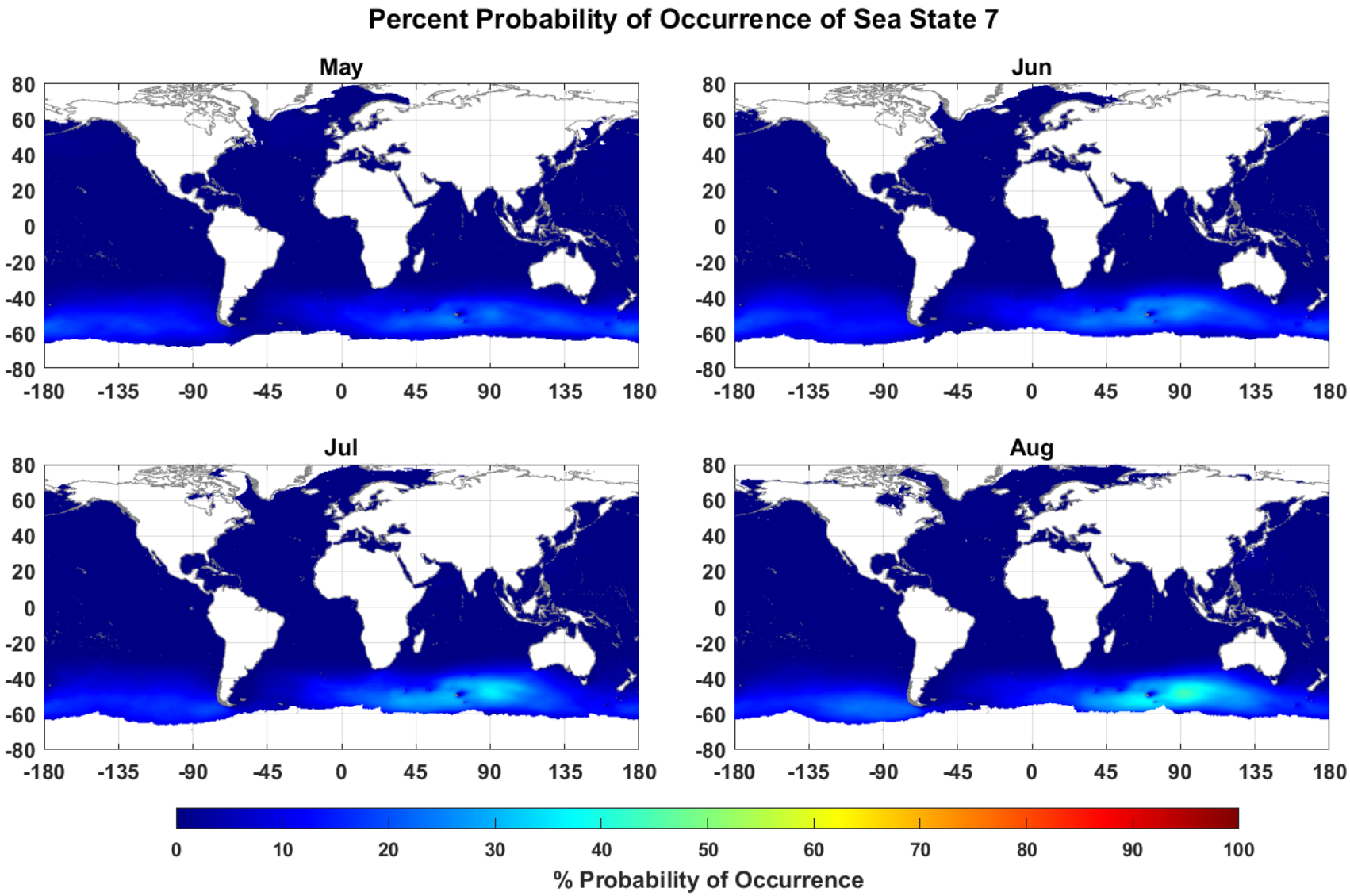


Figure H-24. Monthly Probability of Occurrence of Sea State 7 for May-Aug

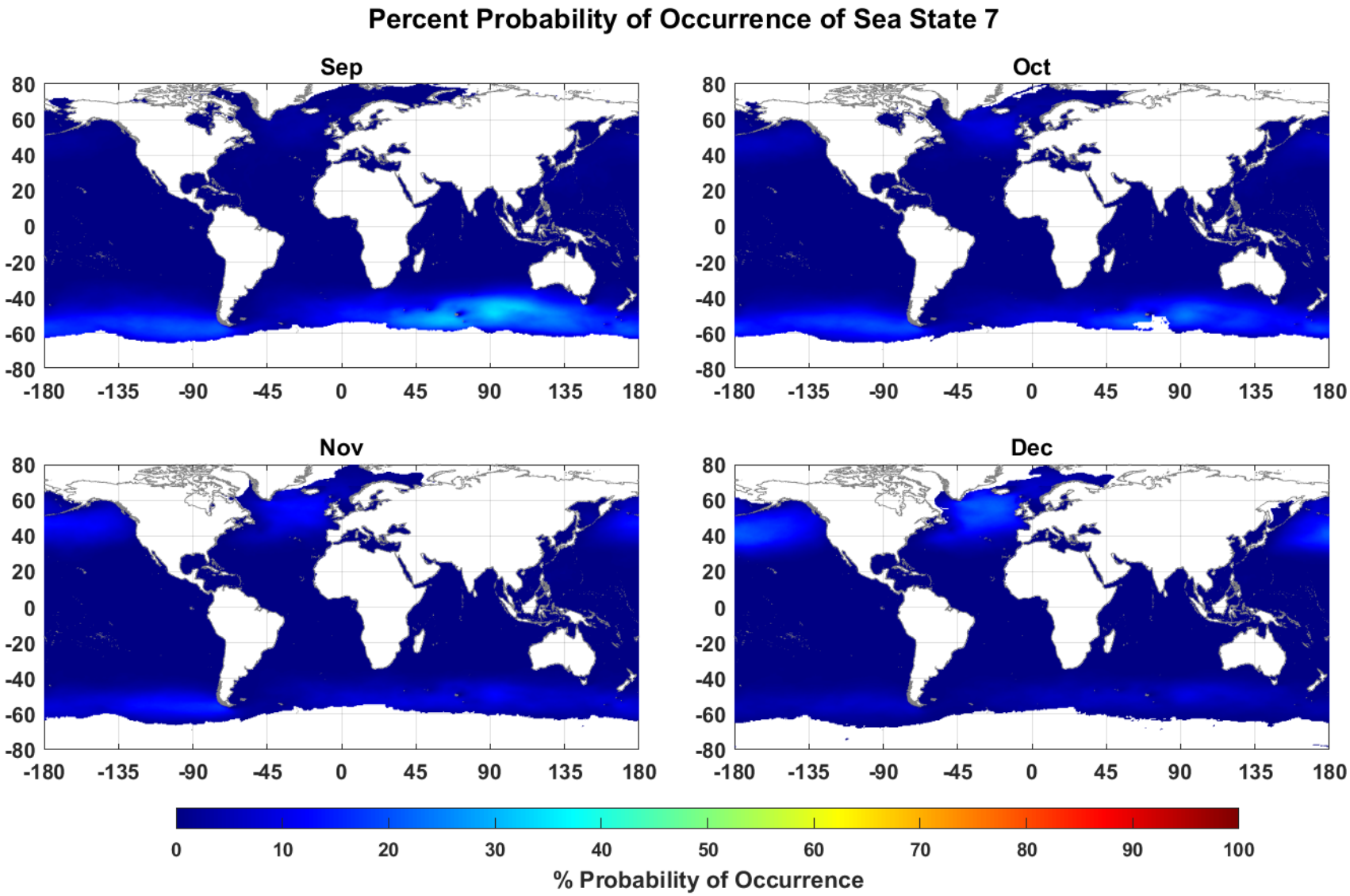


Figure H-25. Monthly Probability of Occurrence of Sea State 7 for Sep-Dec

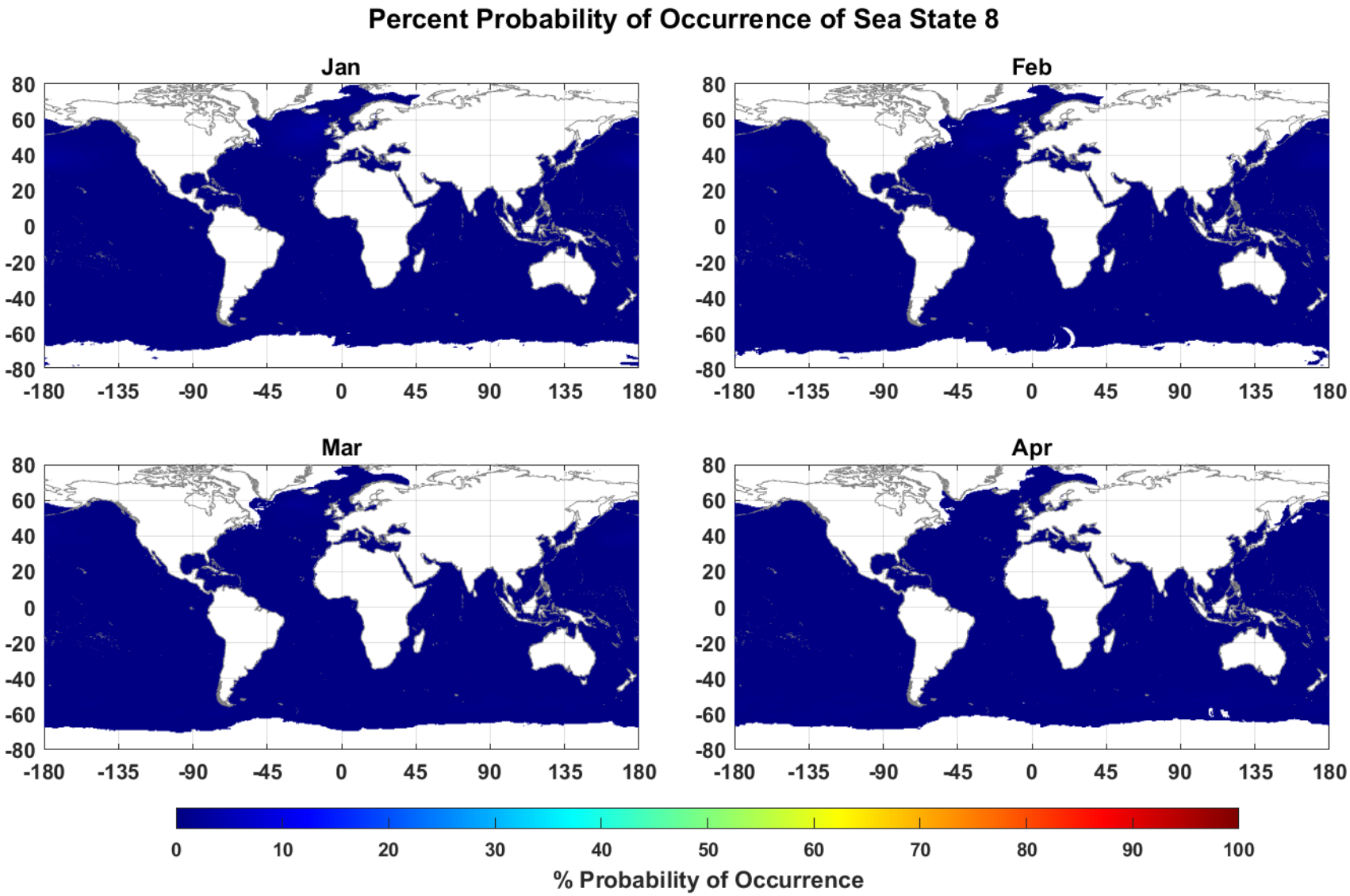


Figure H-26. Monthly Probability of Occurrence of Sea State 8 for Jan-Apr

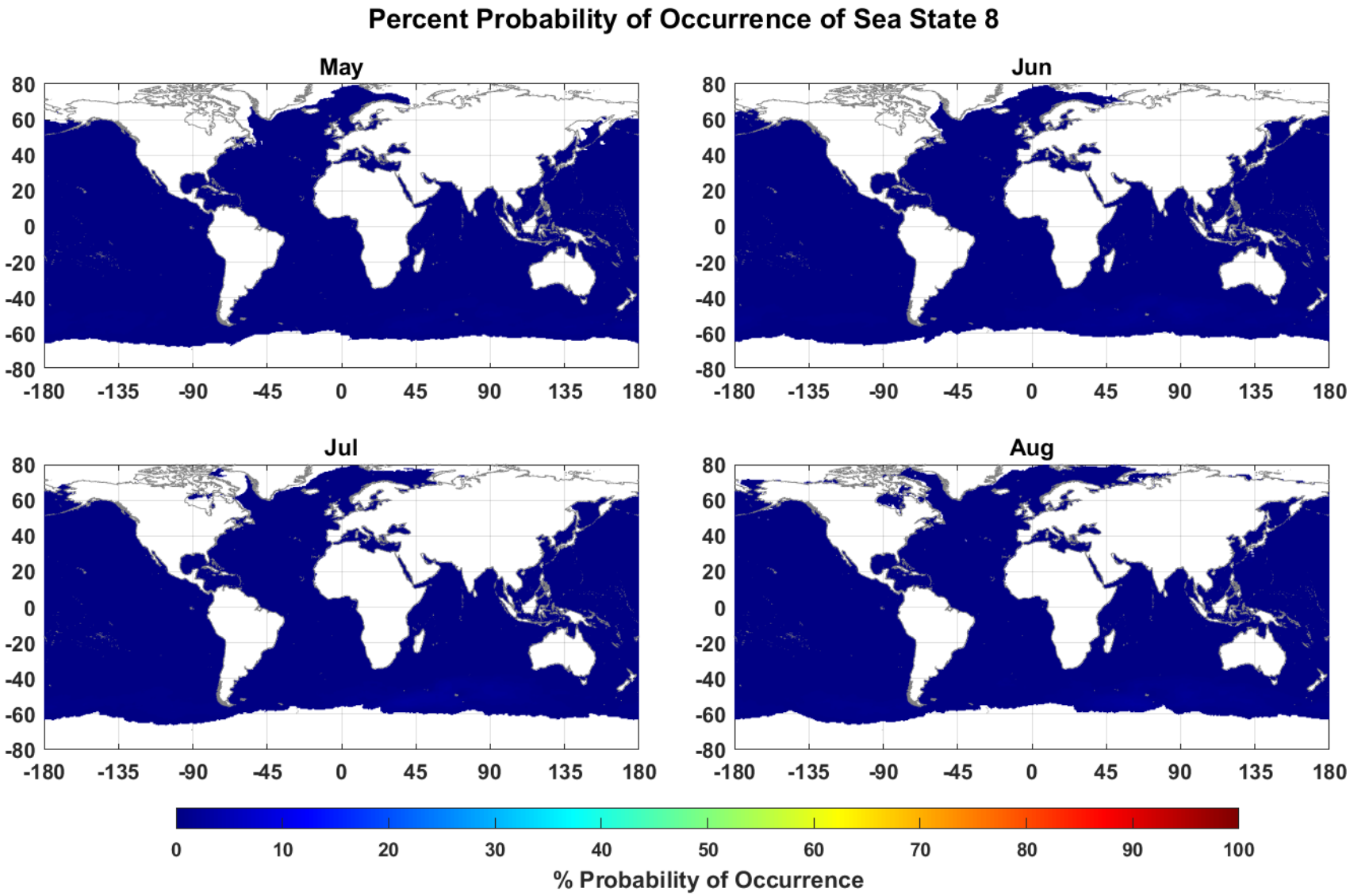


Figure H-27. Monthly Probability of Occurrence of Sea State 8 for May-Aug

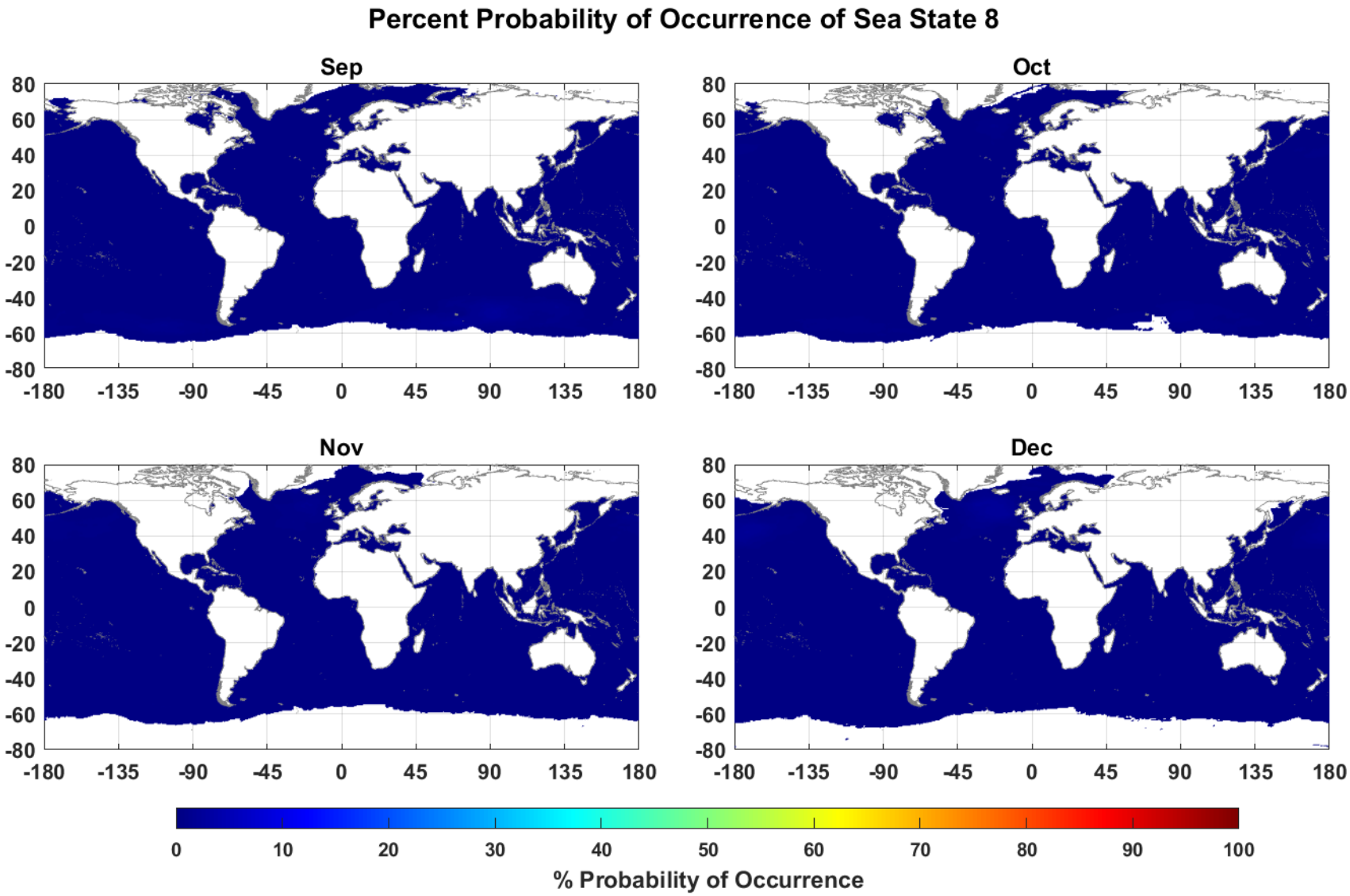


Figure H-28. Monthly Probability of Occurrence of Sea State 8 for Sep-Dec

APPENDIX I: Most Probable Period and Peak Direction

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Figure I-28. Monthly Most Probable Period and Peak Direction in Sea State 8 for Sep-Dec I-30

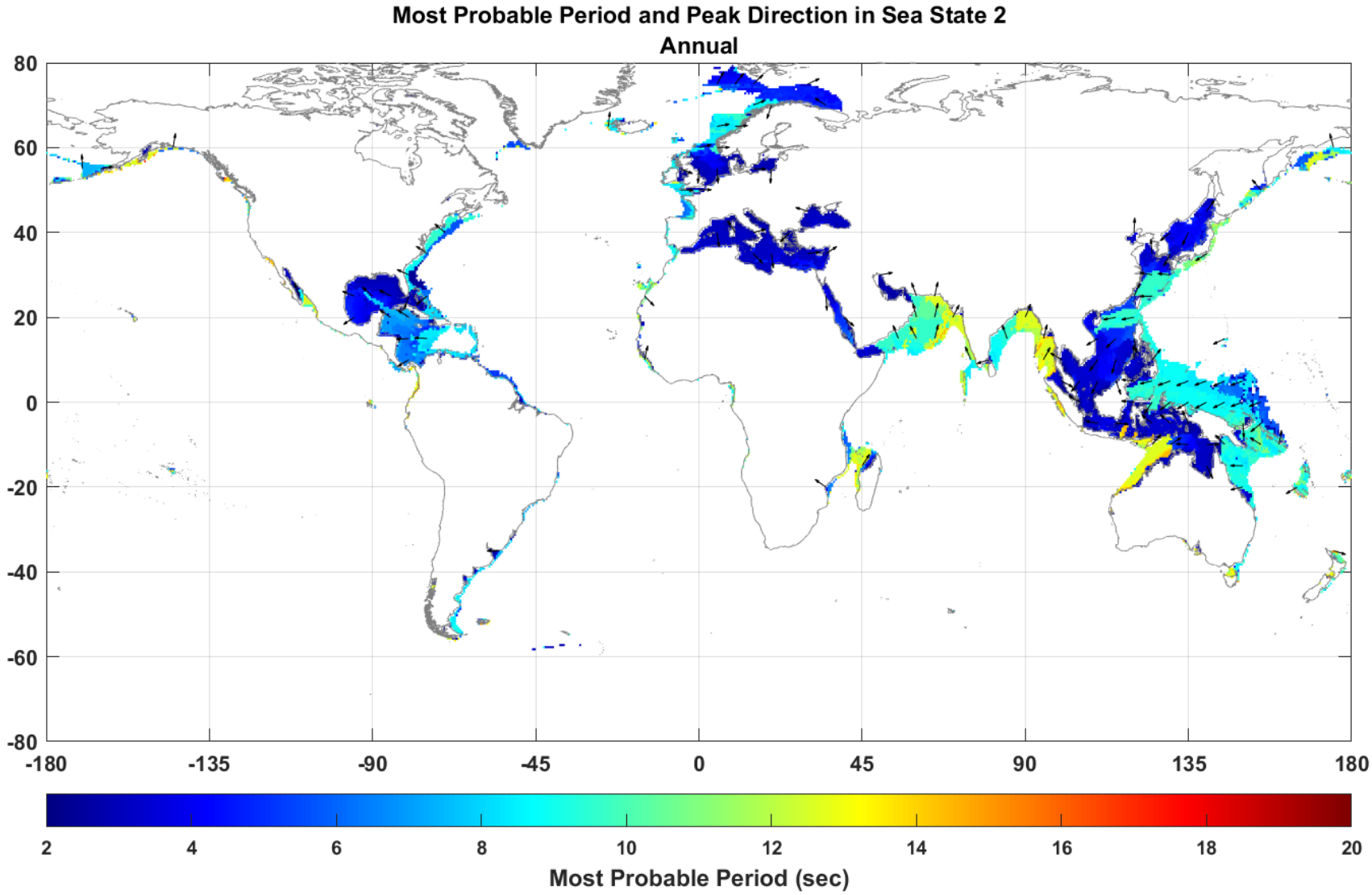


Figure I-1. Annual Most Probable Period and Peak Direction in Sea State 2

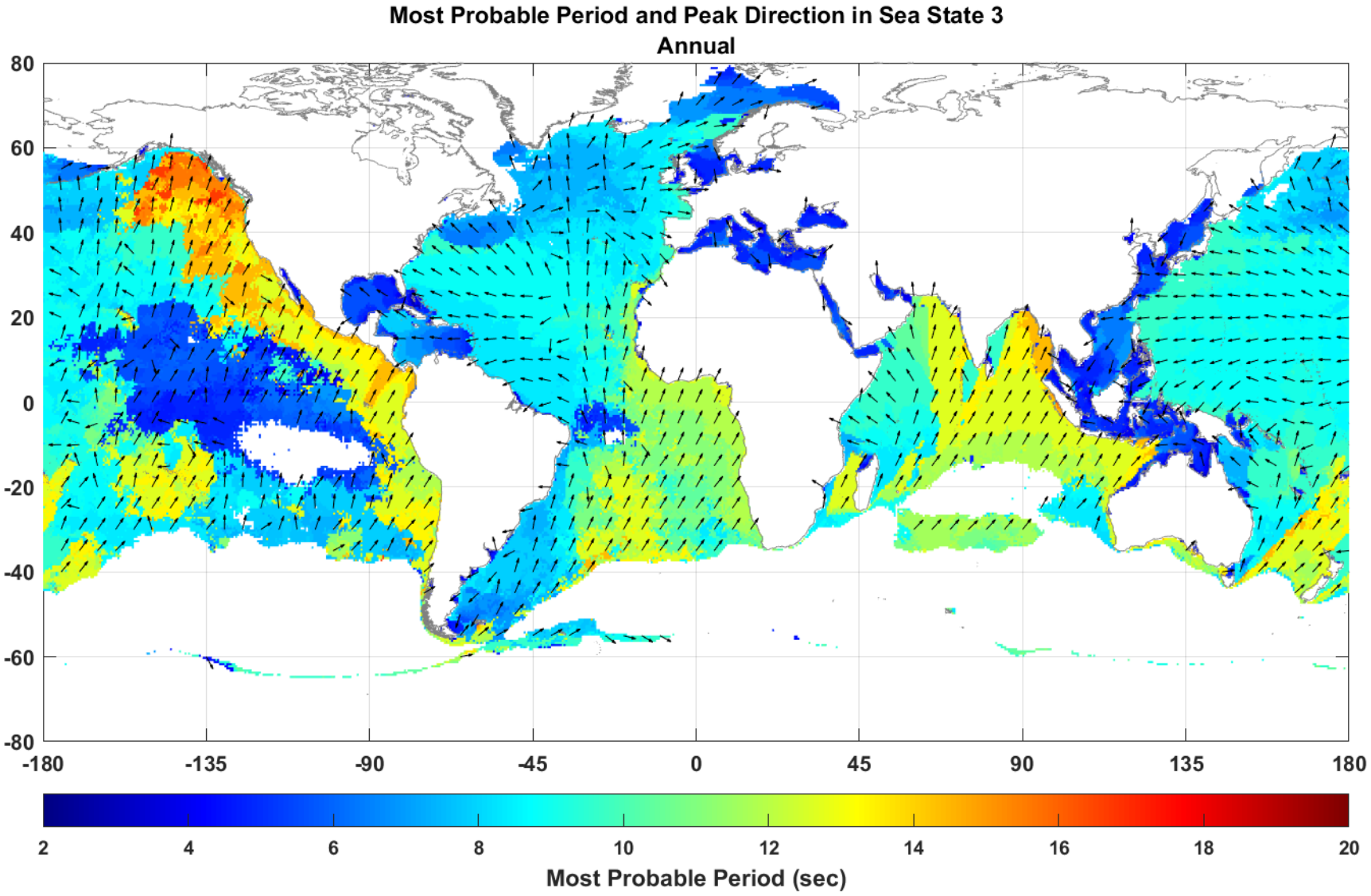


Figure I-2. Annual Most Probable Period and Peak Direction in Sea State 3

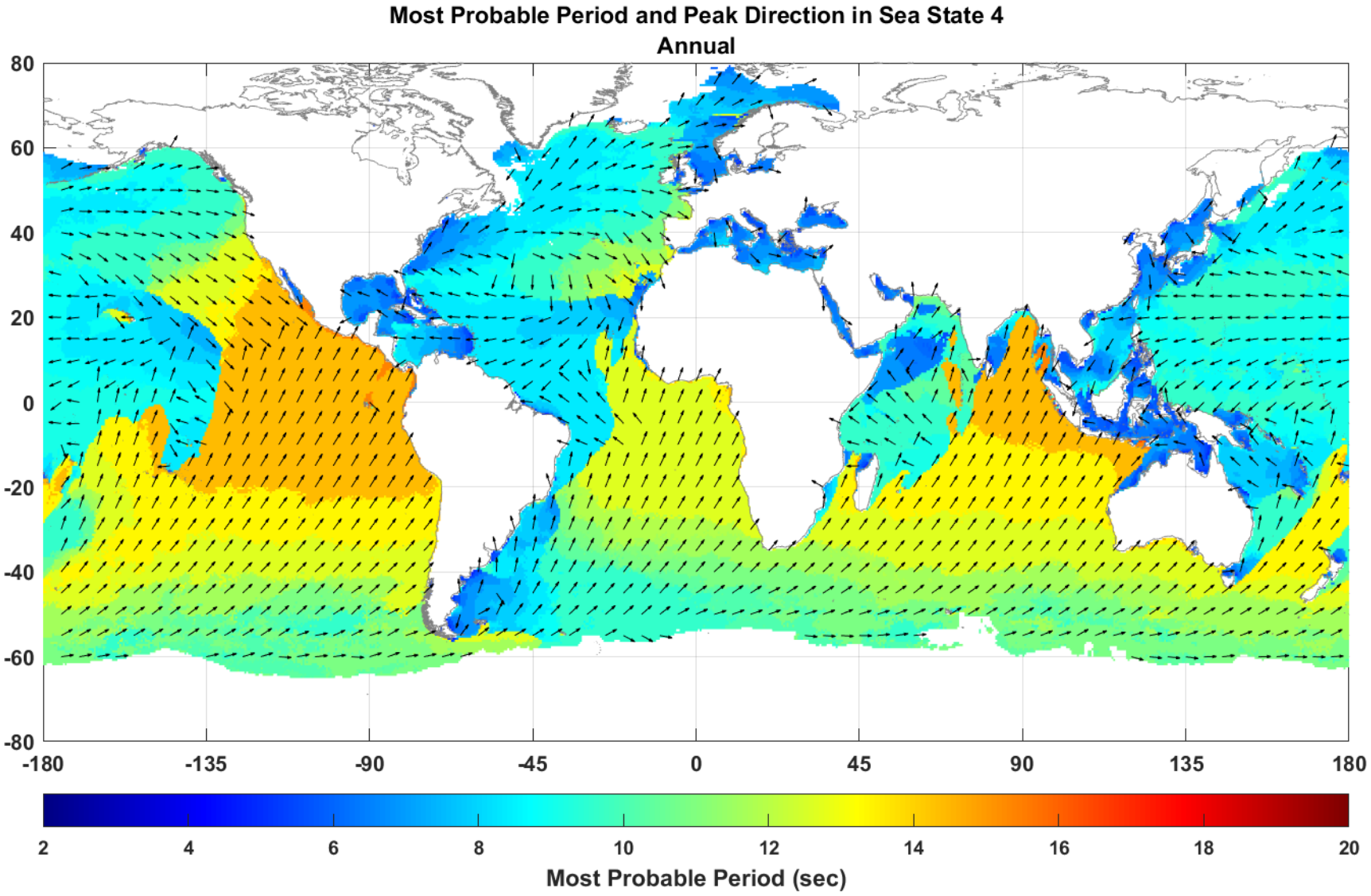


Figure I-3. Annual Most Probable Period and Peak Direction in Sea State 4

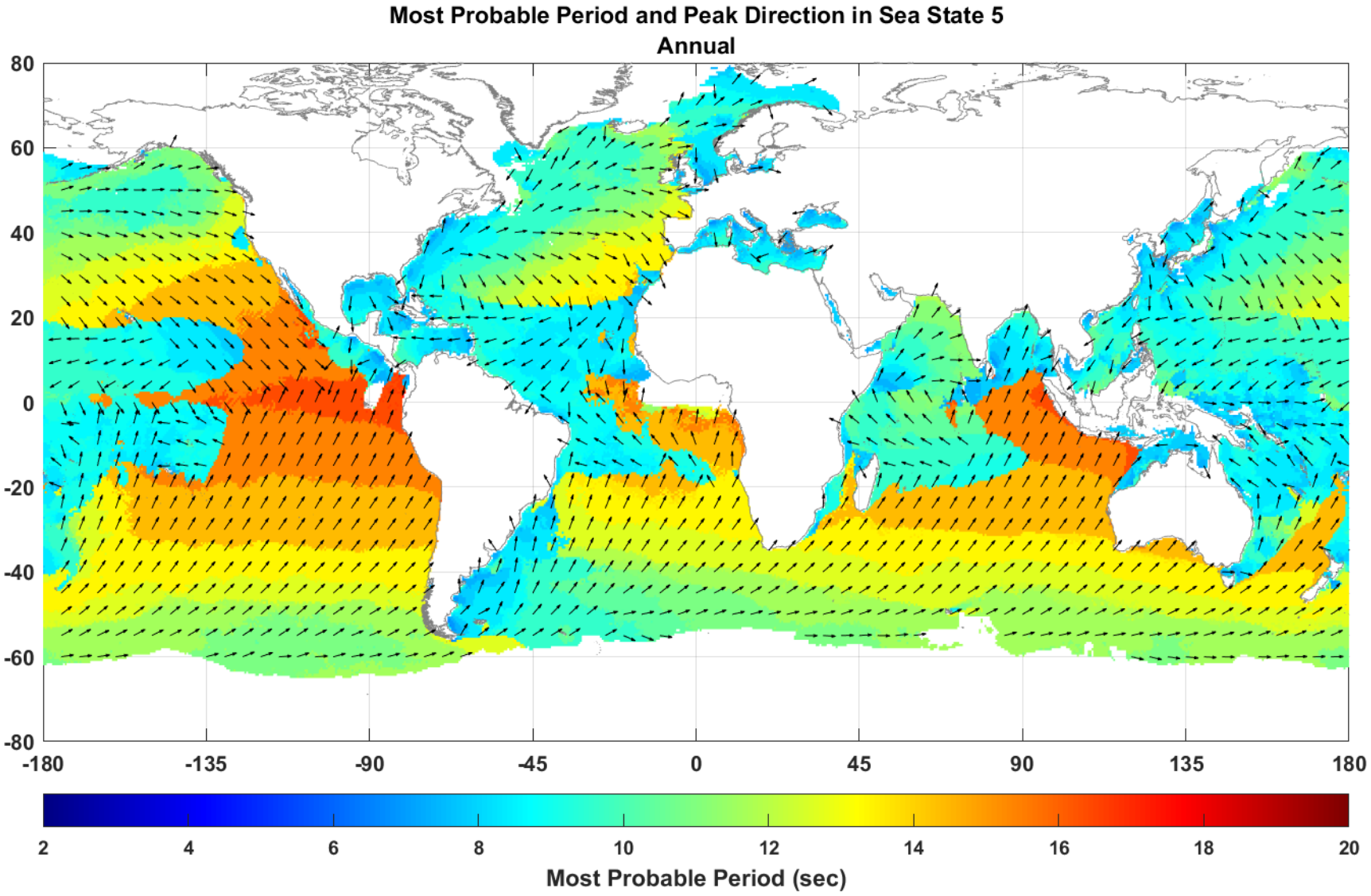


Figure I-4. Annual Most Probable Period and Peak Direction in Sea State 5

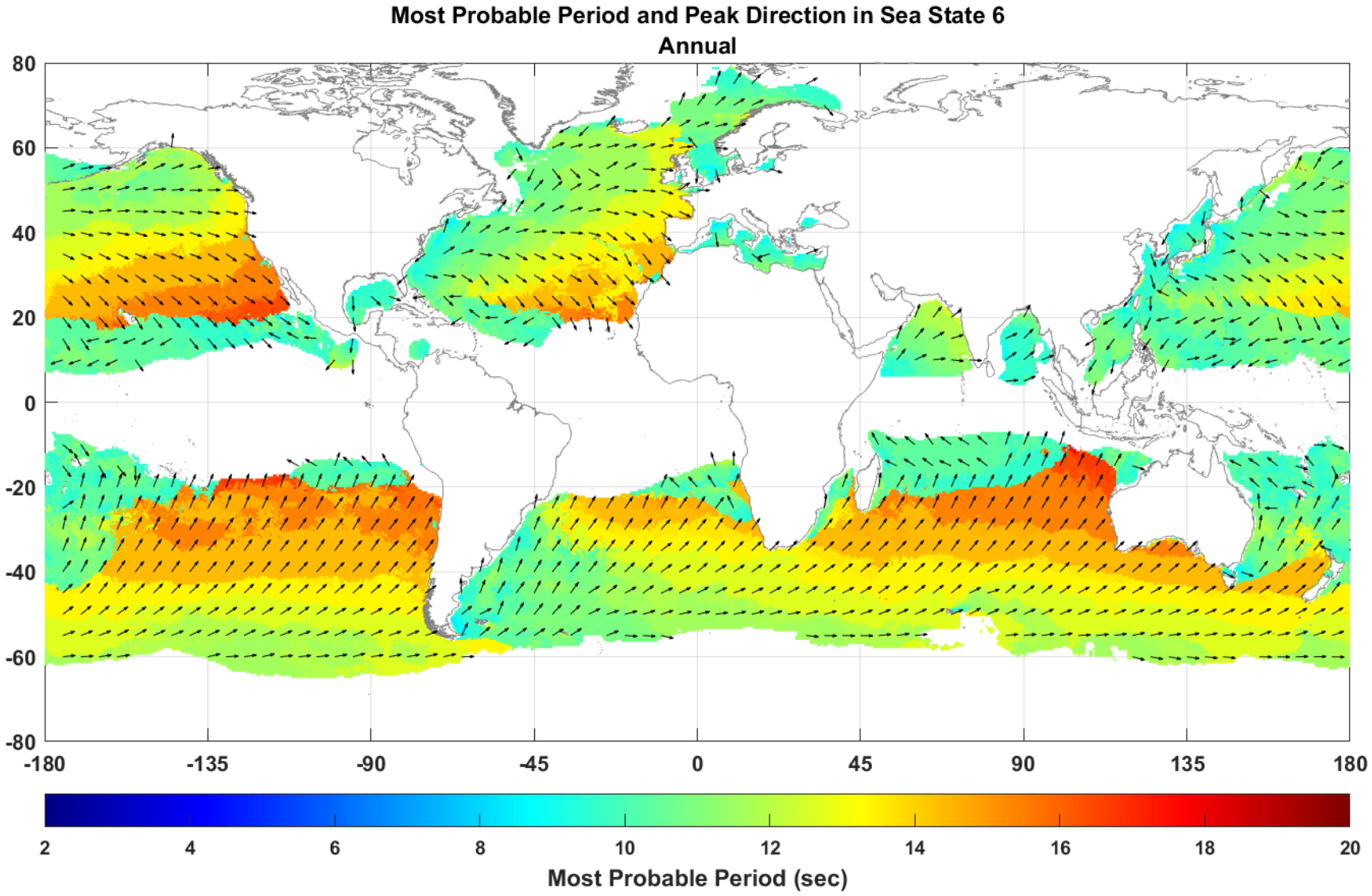


Figure I-5. Annual Most Probable Period and Peak Direction in Sea State 6

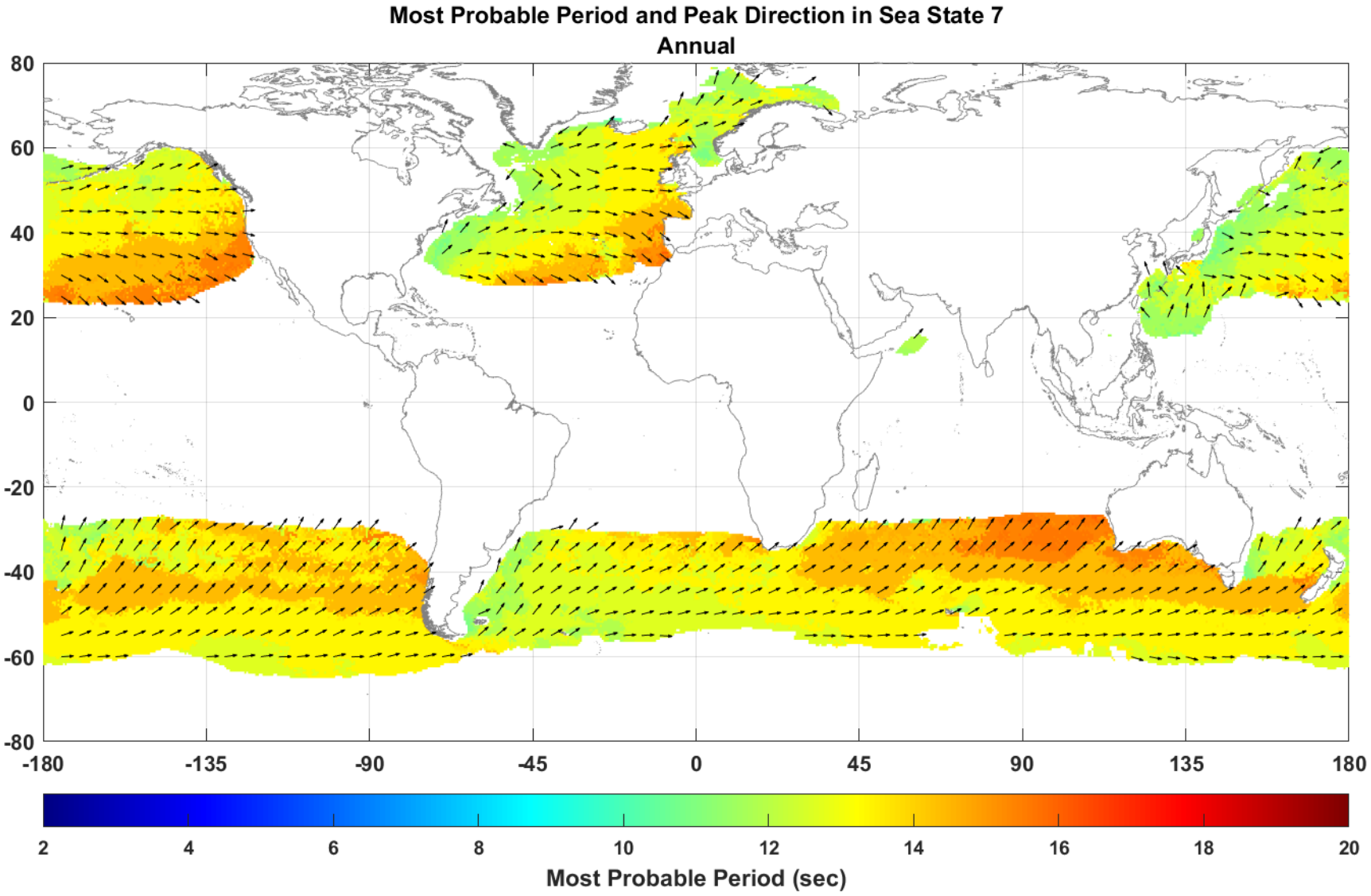


Figure I-6. Annual Most Probable Period and Peak Direction in Sea State 7

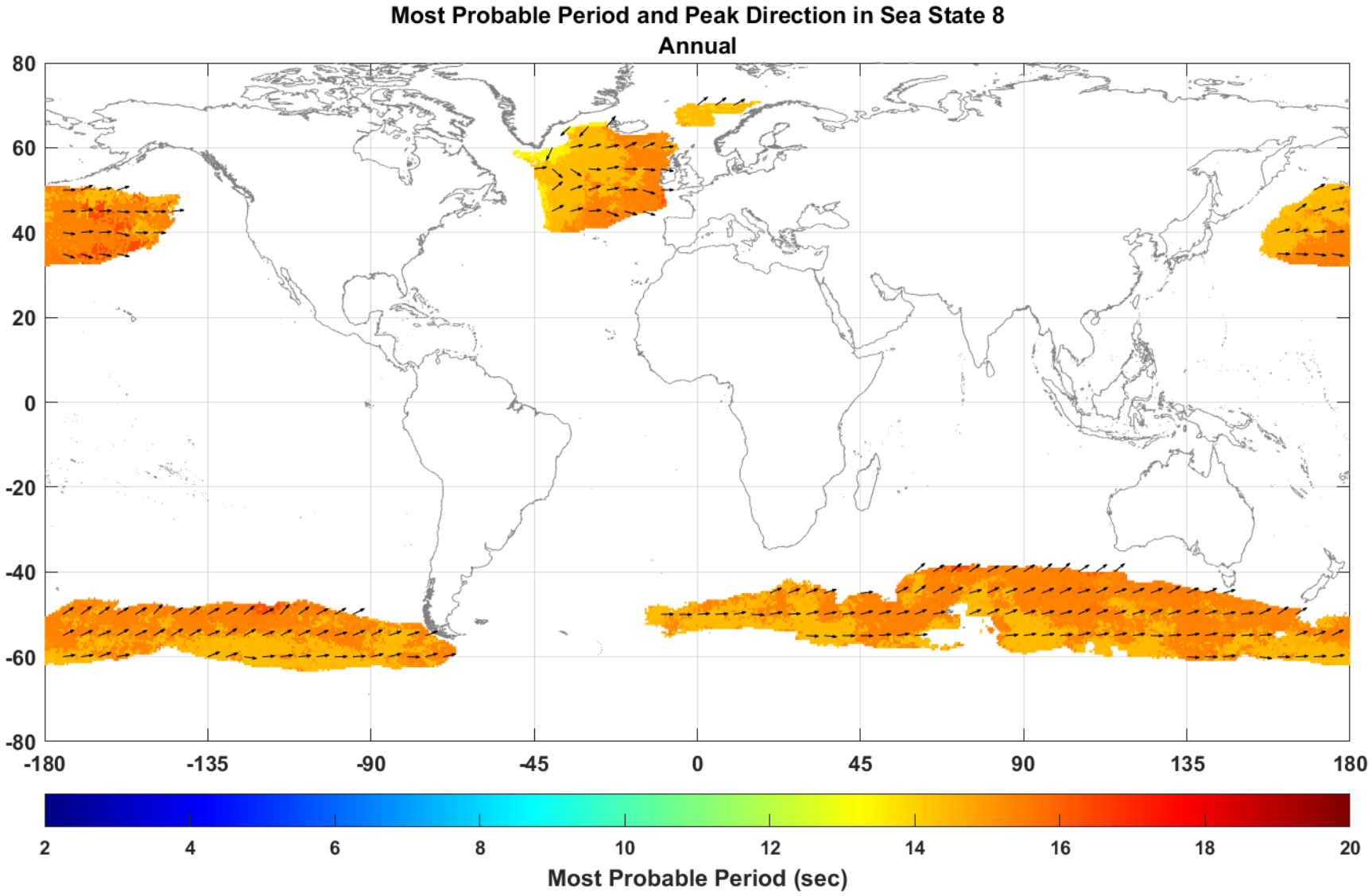


Figure I-7. Annual Most Probable Period and Peak Direction in Sea State 8

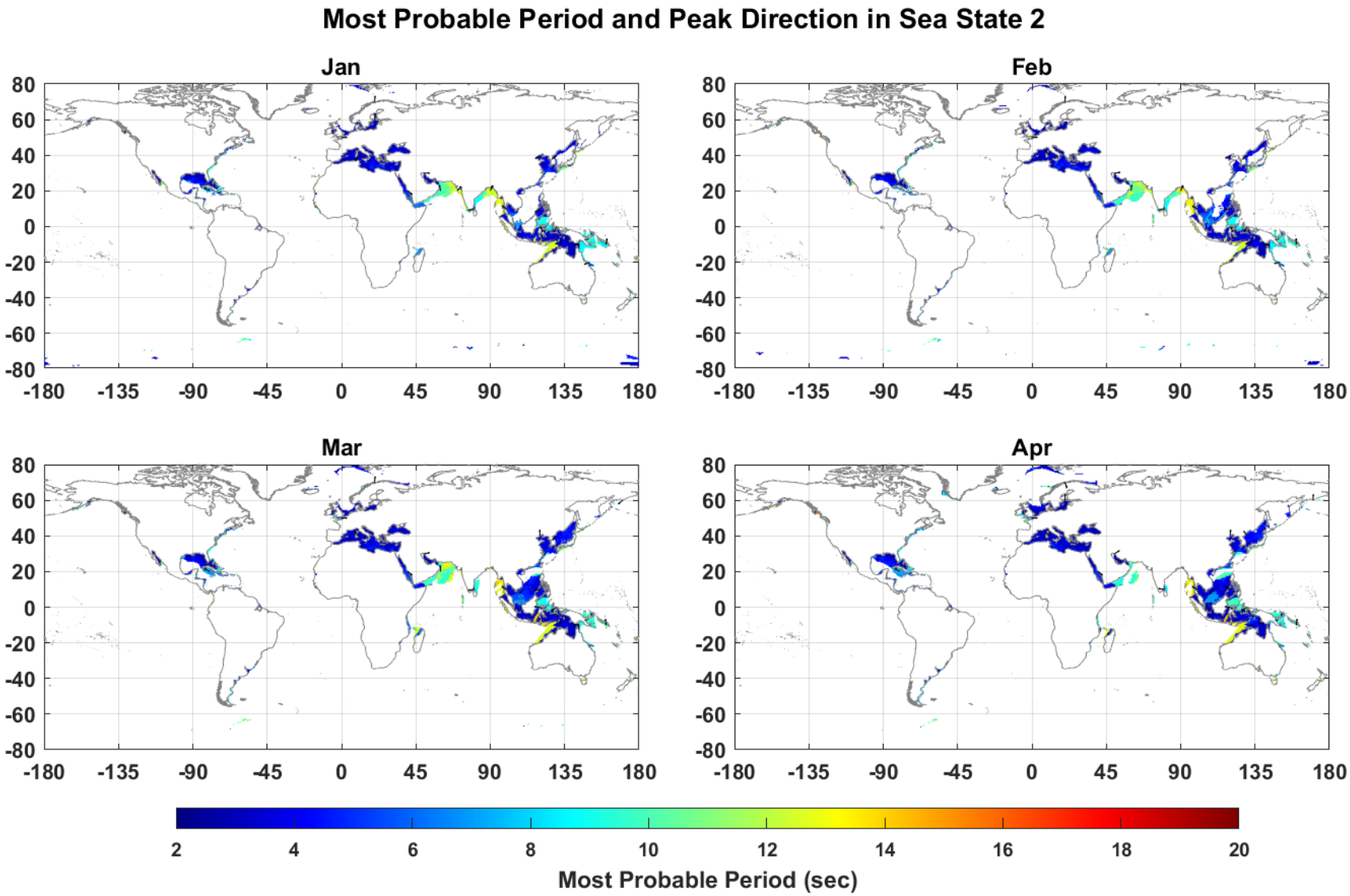


Figure I-8. Monthly Most Probable Period and Peak Direction in Sea State 2 for Jan-Apr

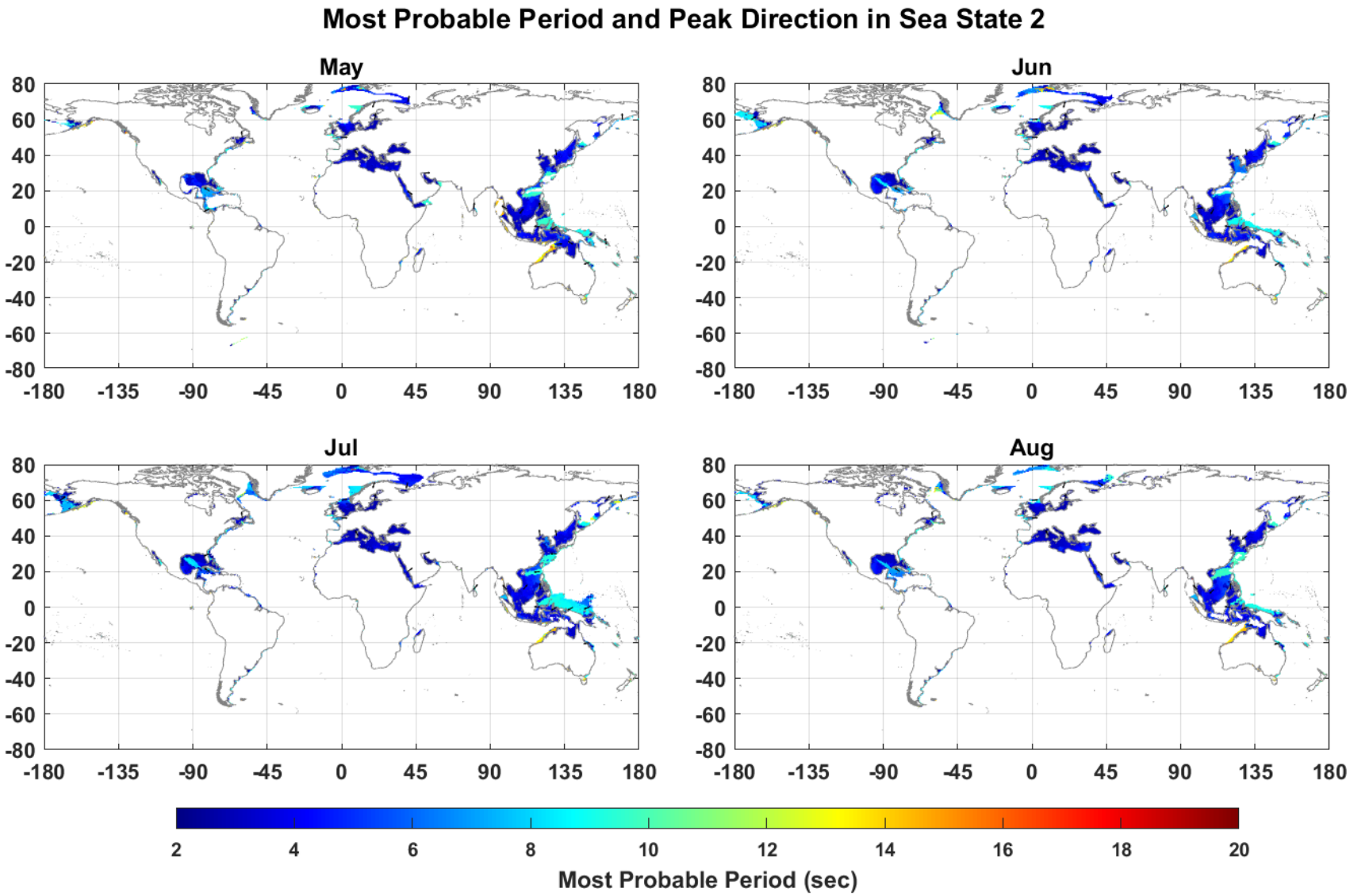


Figure I-9. Monthly Most Probable Period and Peak Direction in Sea State 2 for May-Aug

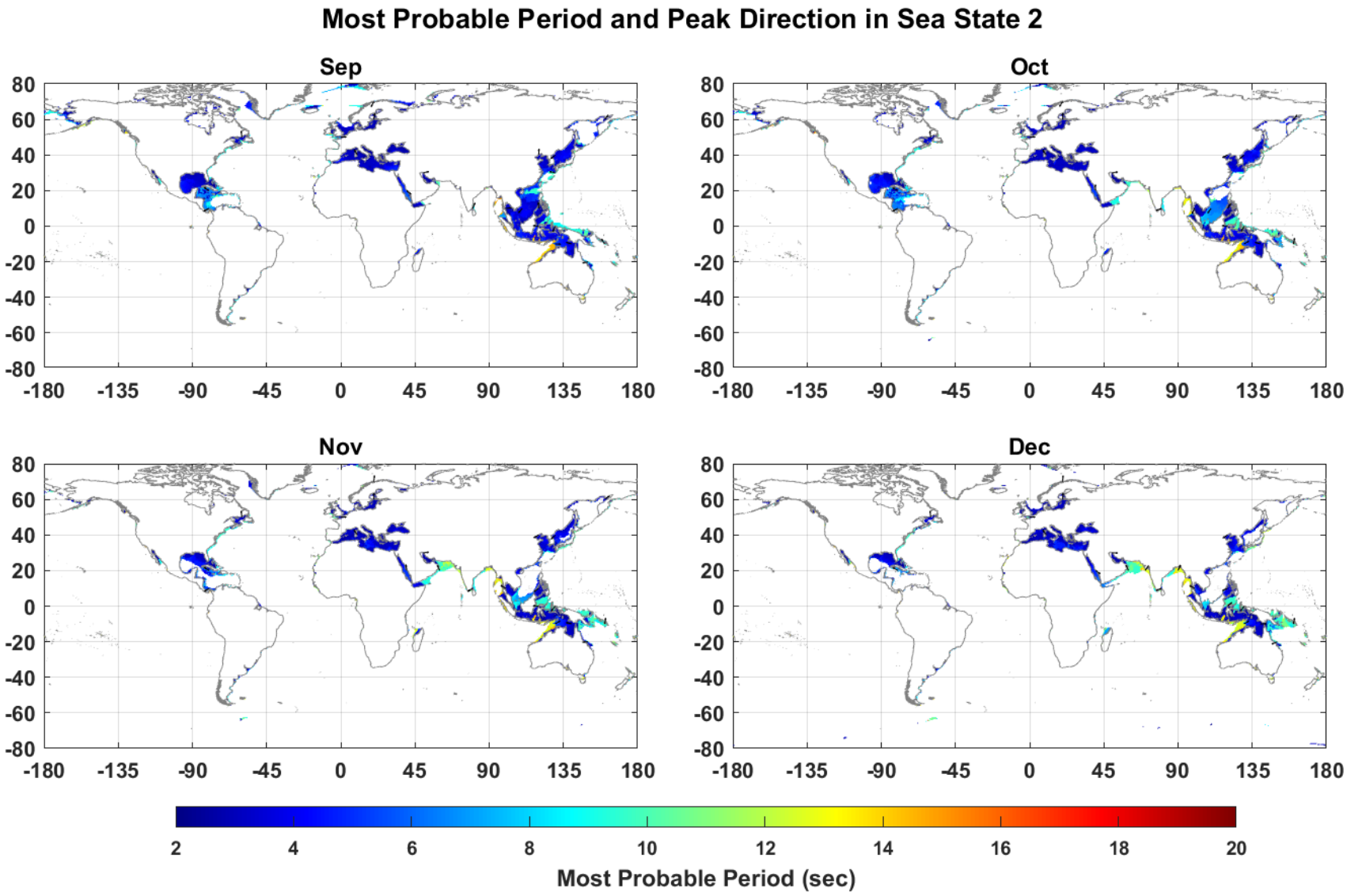


Figure I-10. Monthly Most Probable Period and Peak Direction in Sea State 2 for Sep-Dec

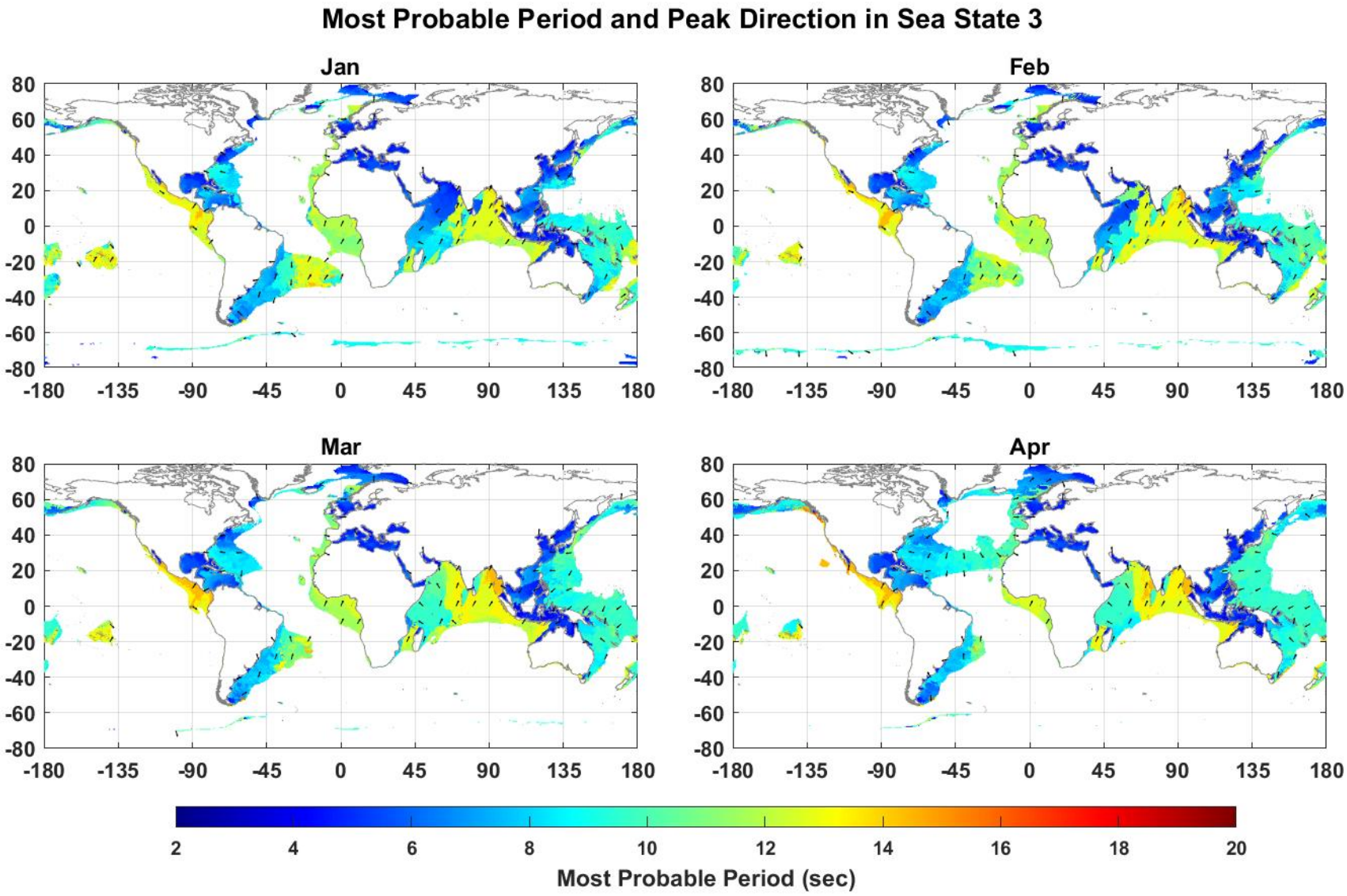


Figure I-11. Monthly Most Probable Period and Peak Direction in Sea State 3 for Jan-Apr

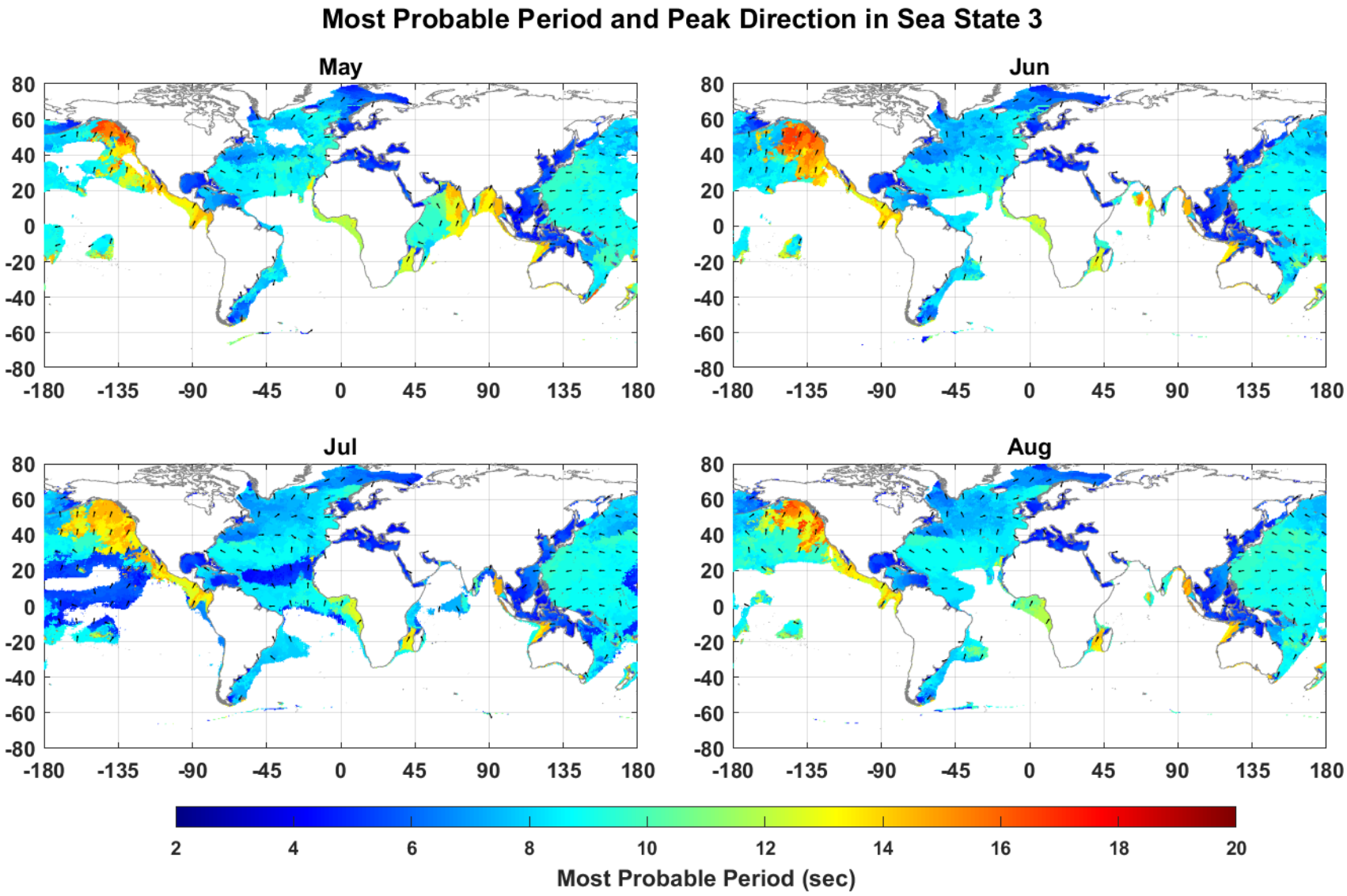


Figure I-12. Monthly Most Probable Period and Peak Direction in Sea State 3 for May-Aug

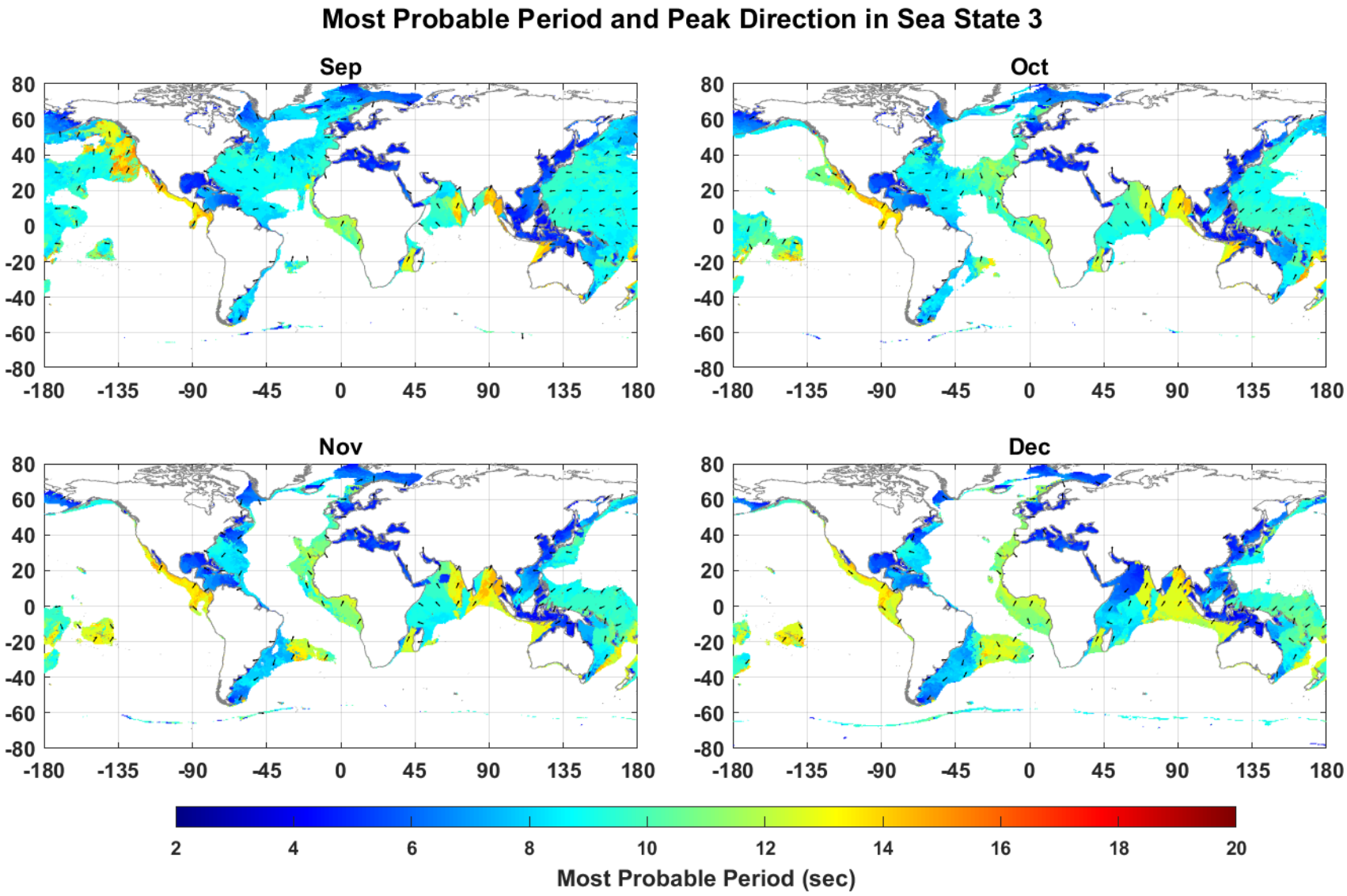


Figure I-13. Monthly Most Probable Period and Peak Direction in Sea State 3 for Sep-Dec

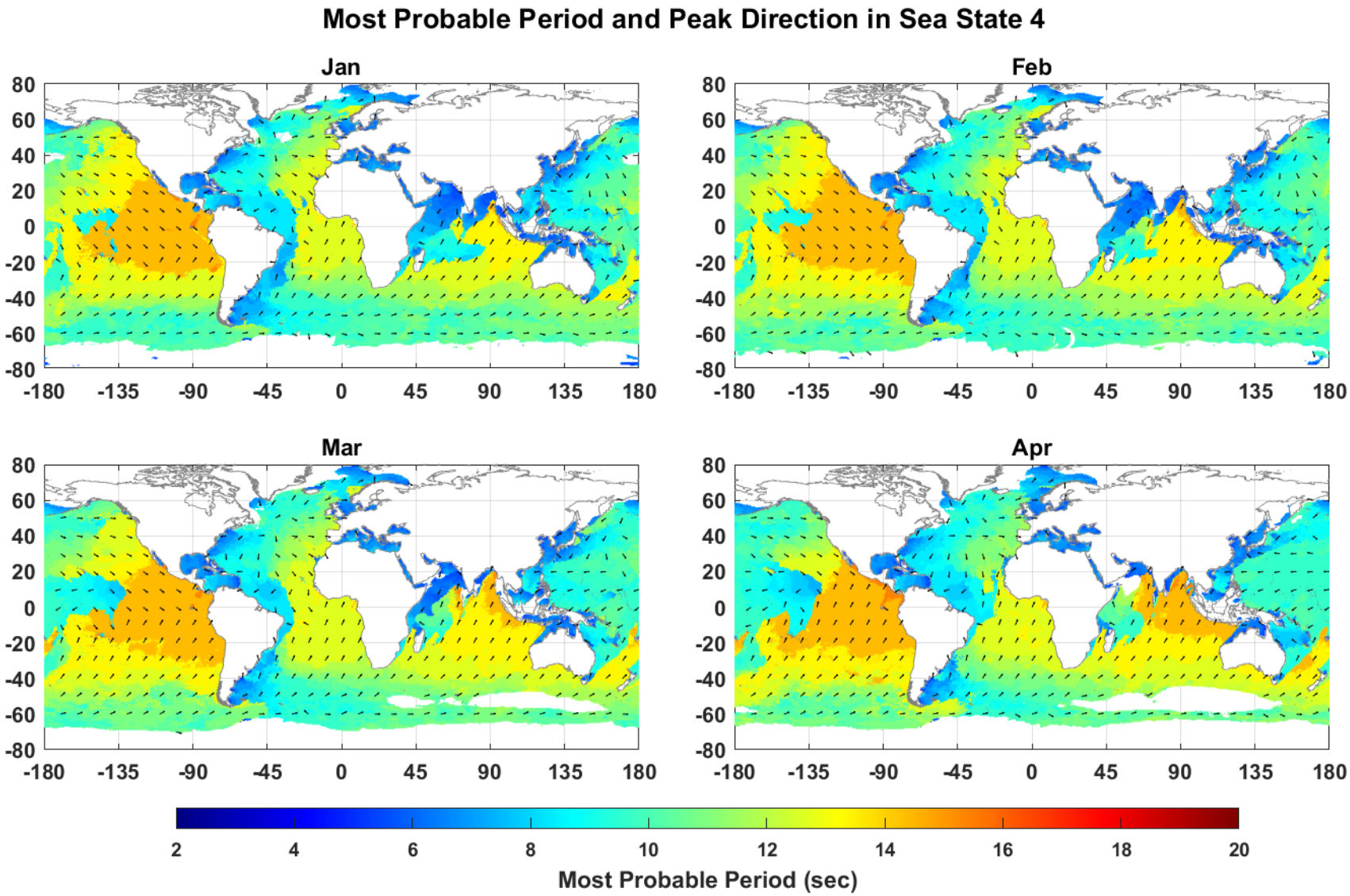


Figure I-14. Monthly Most Probable Period and Peak Direction in Sea State 4 for Jan-Apr

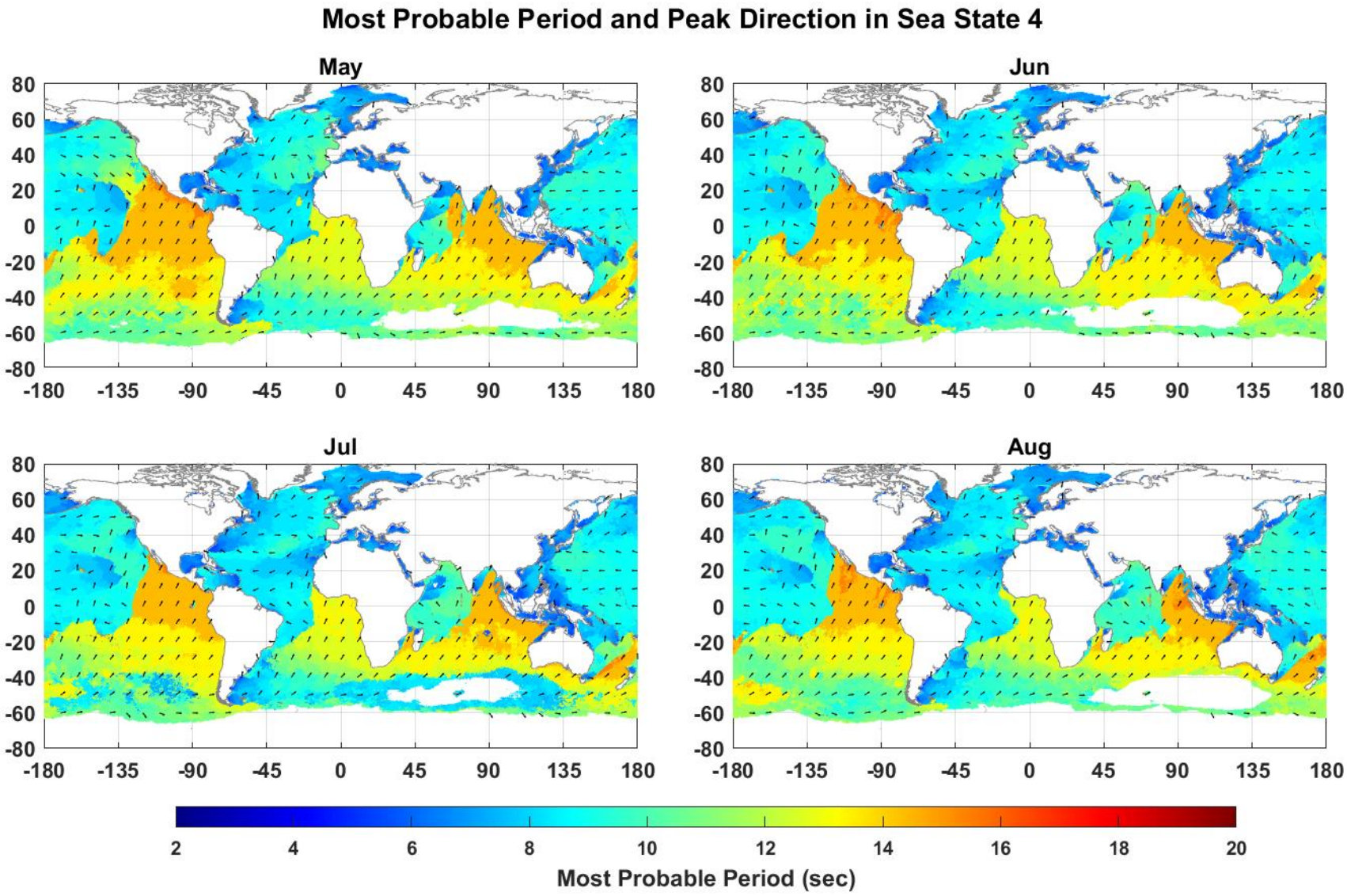


Figure I-15. Monthly Most Probable Period and Peak Direction in Sea State 4 for May-Aug

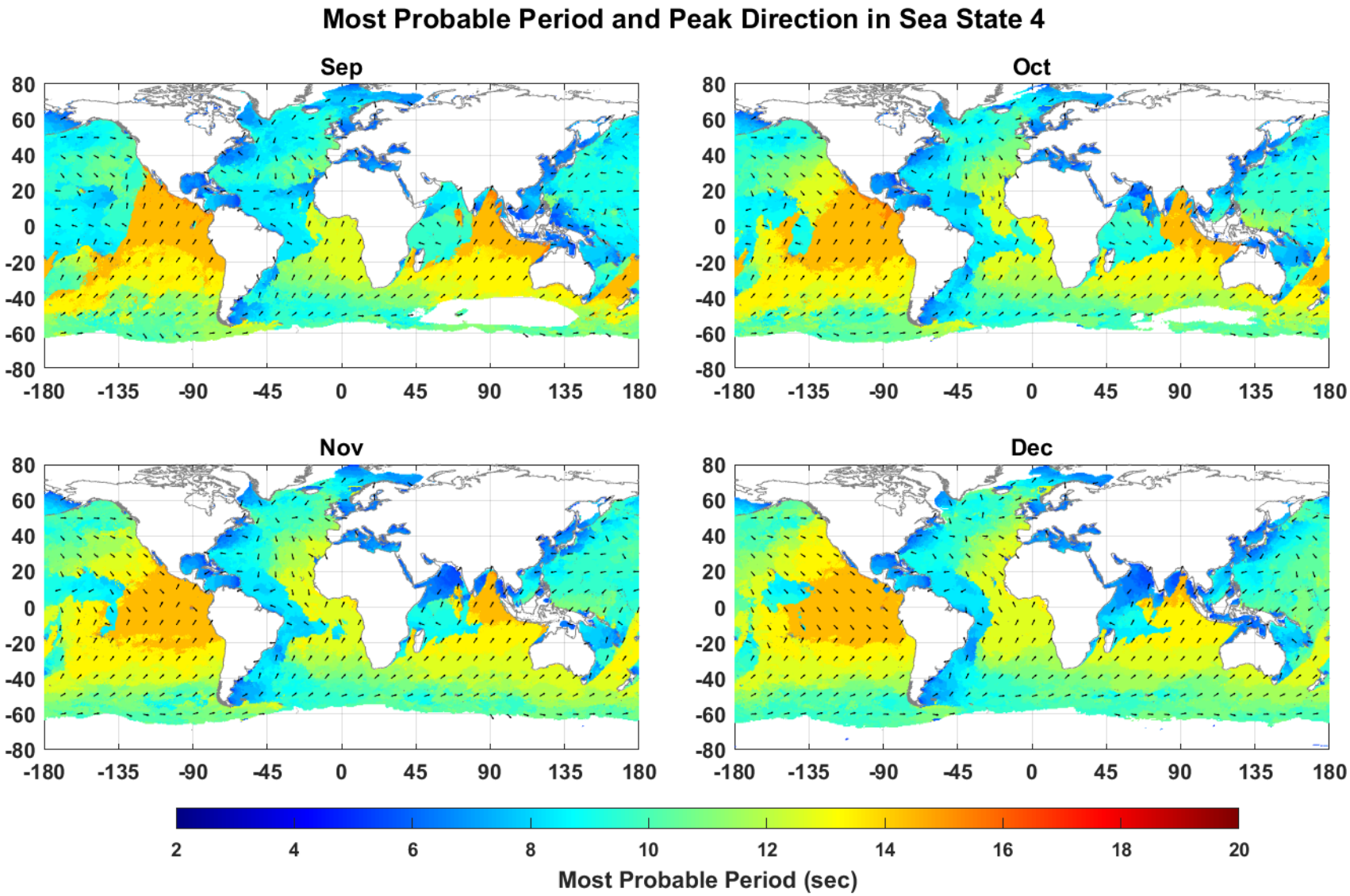


Figure I-16. Monthly Most Probable Period and Peak Direction in Sea State 4 for Sep-Dec

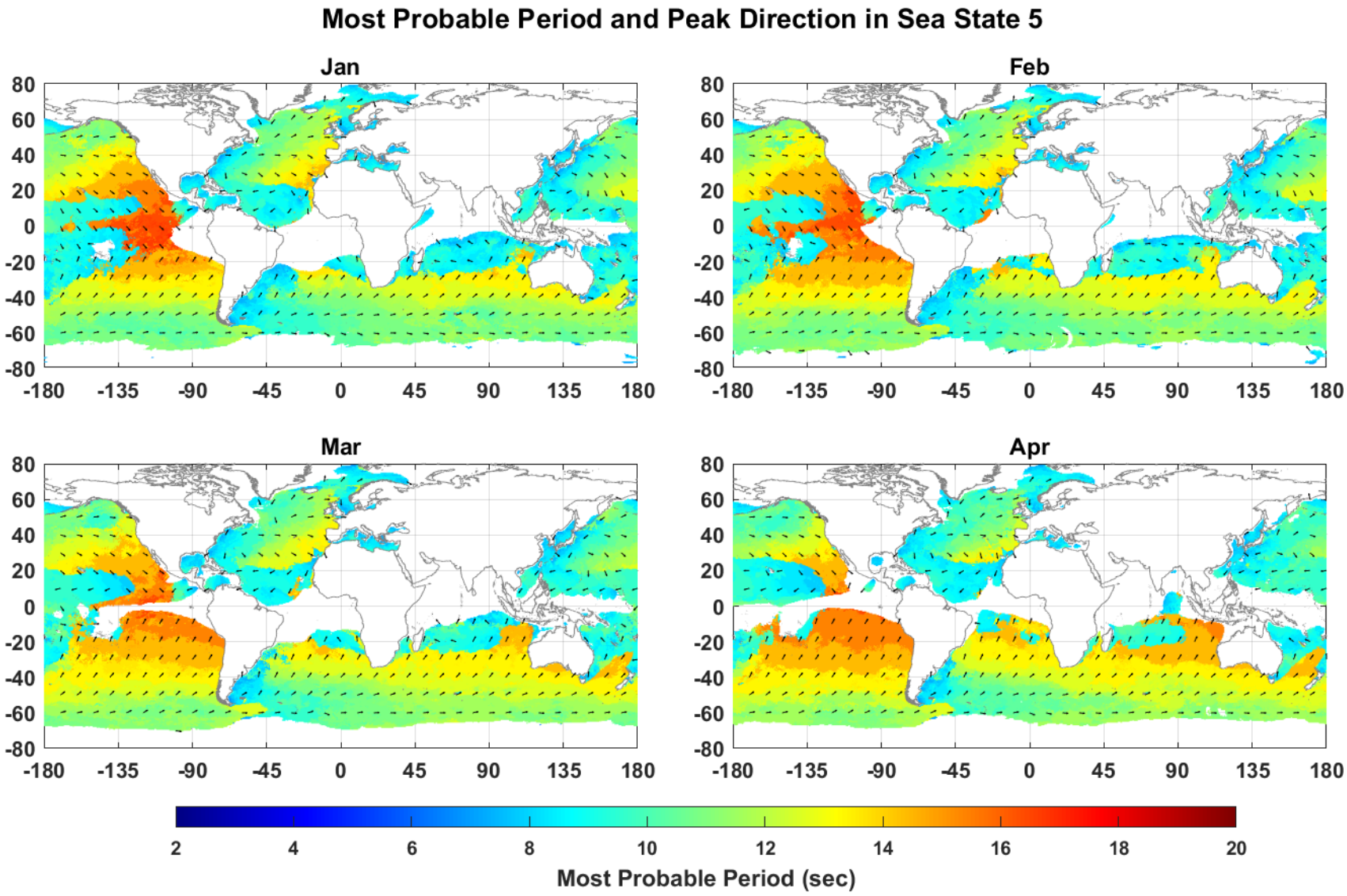


Figure I-17. Monthly Most Probable Period and Peak Direction in Sea State 5 for Jan-Apr

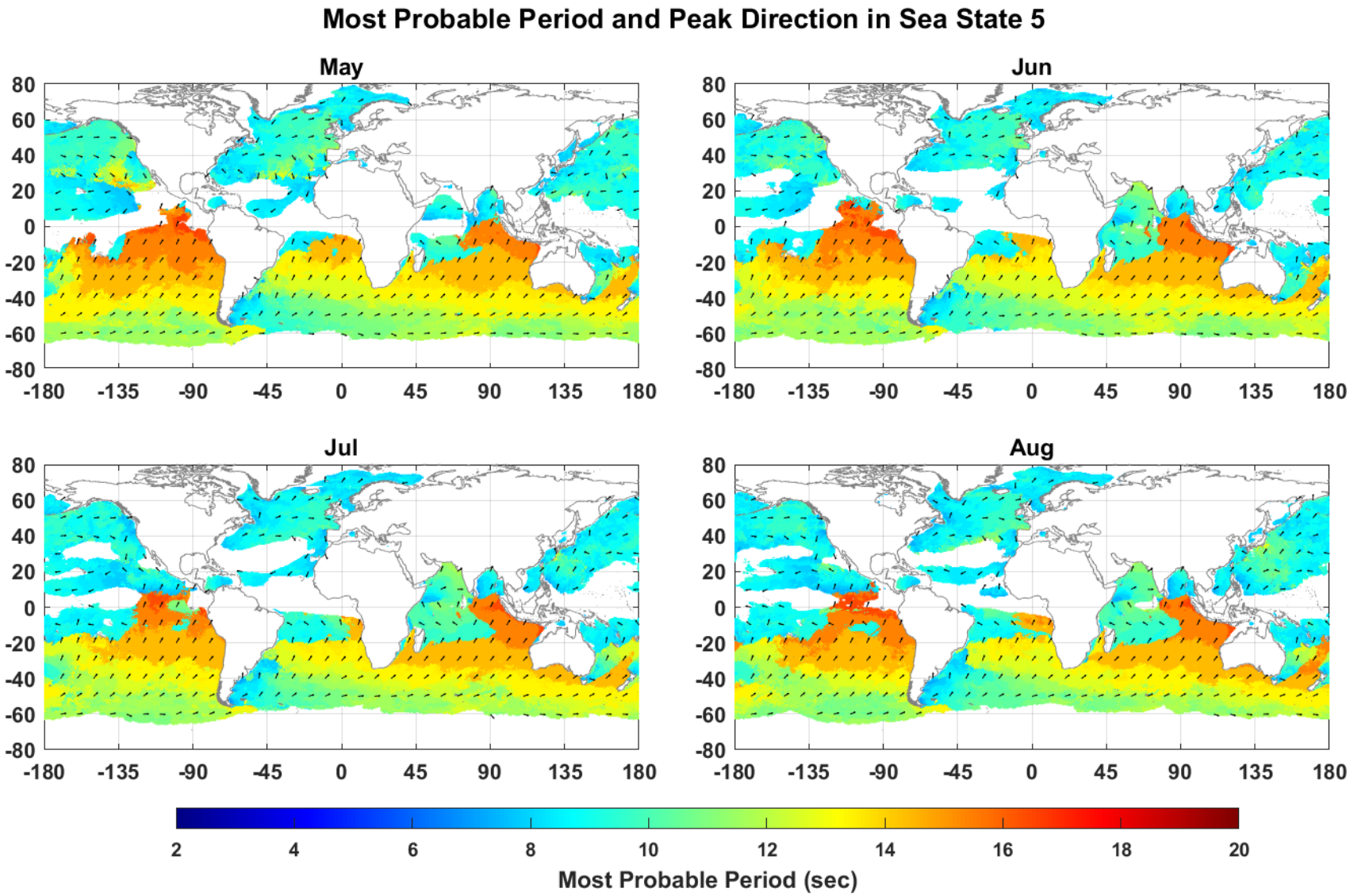


Figure I-18. Monthly Most Probable Period and Peak Direction in Sea State 5 for May-Aug

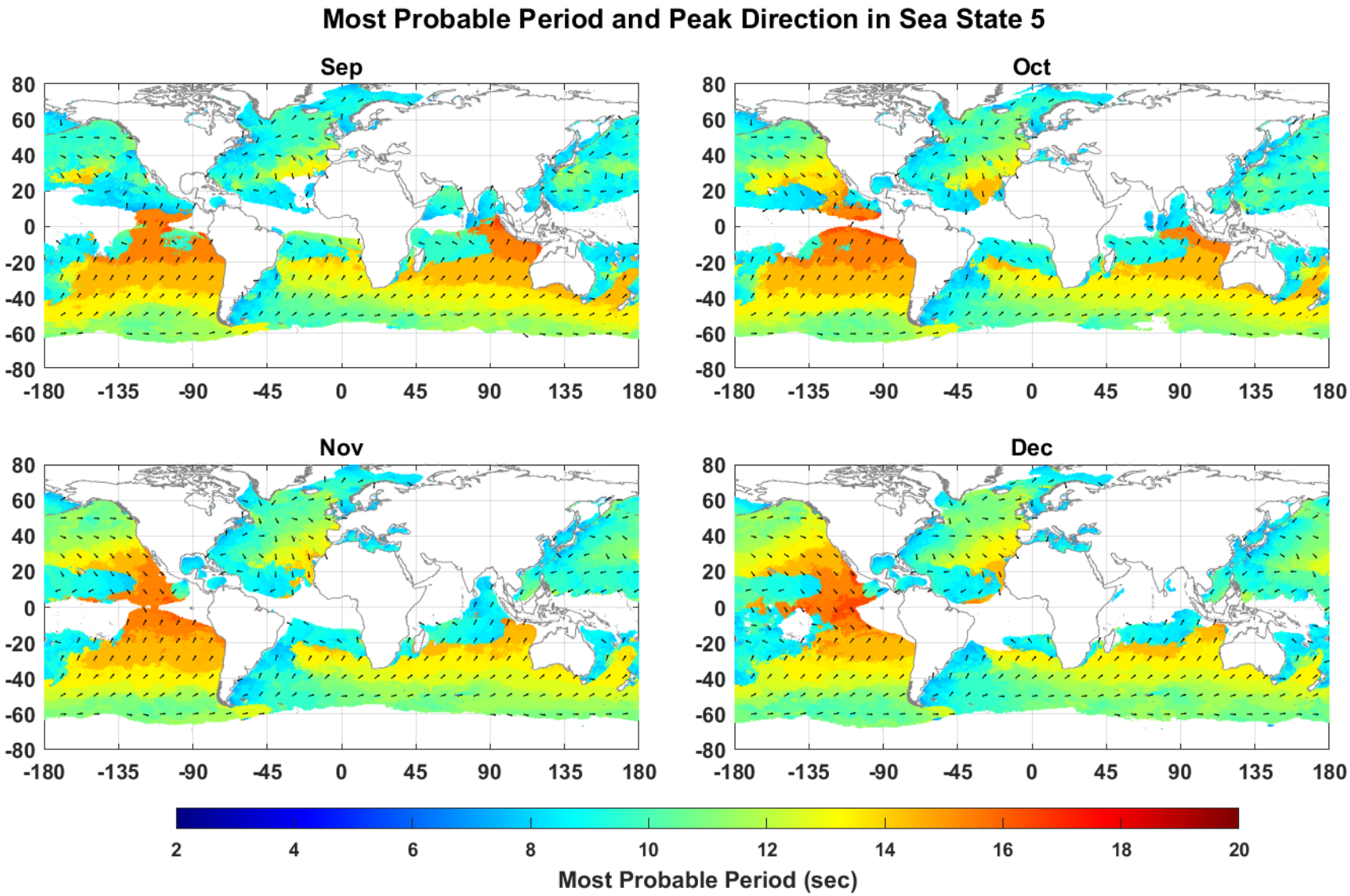


Figure I-19. Monthly Most Probable Period and Peak Direction in Sea State 5 for Sep-Dec

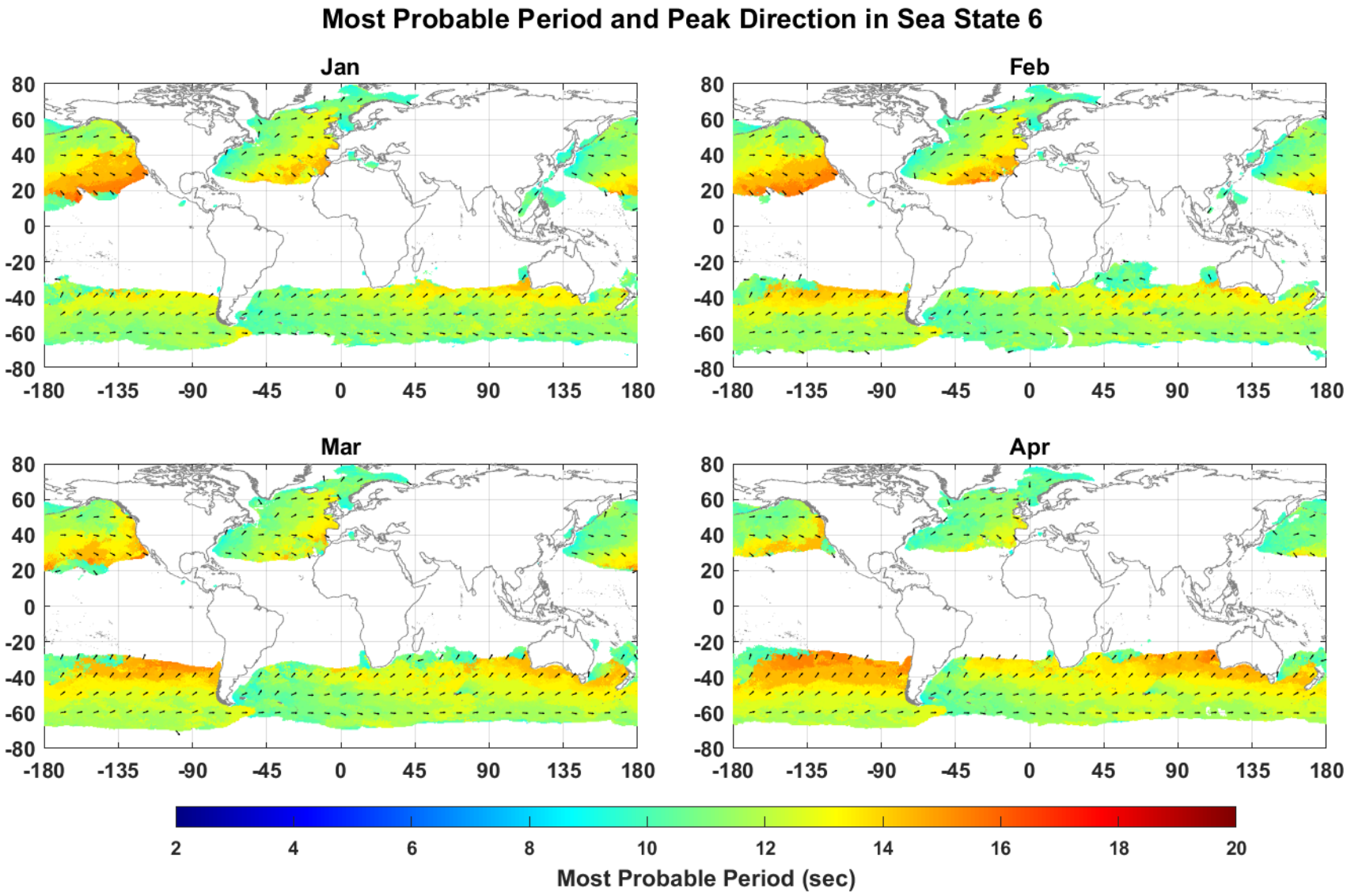


Figure I-20. Monthly Most Probable Period and Peak Direction in Sea State 6 for Jan-Apr

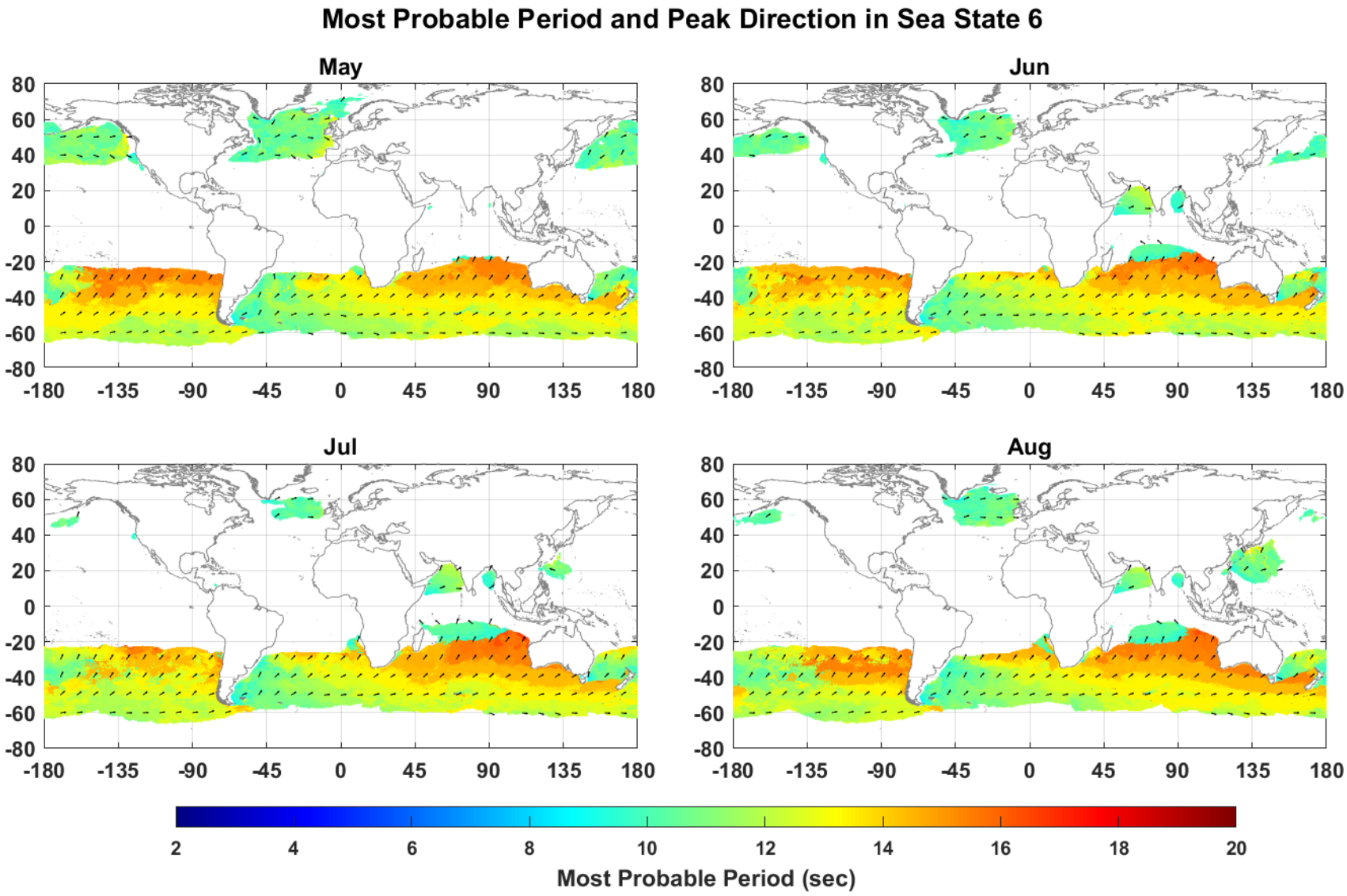


Figure I-21. Monthly Most Probable Period and Peak Direction in Sea State 6 for May-Aug

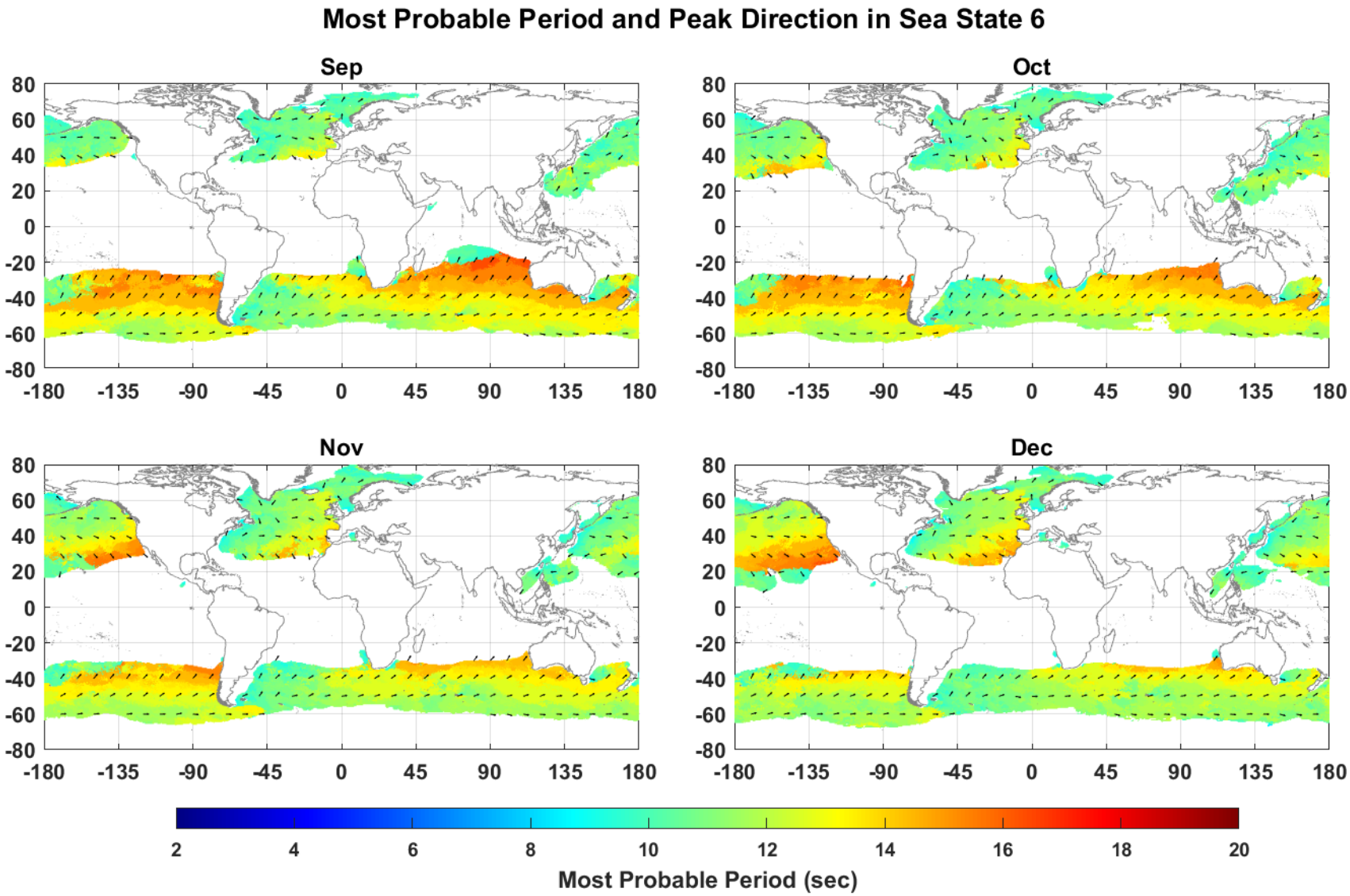


Figure I-22. Monthly Most Probable Period and Peak Direction in Sea State 6 for Sep-Dec

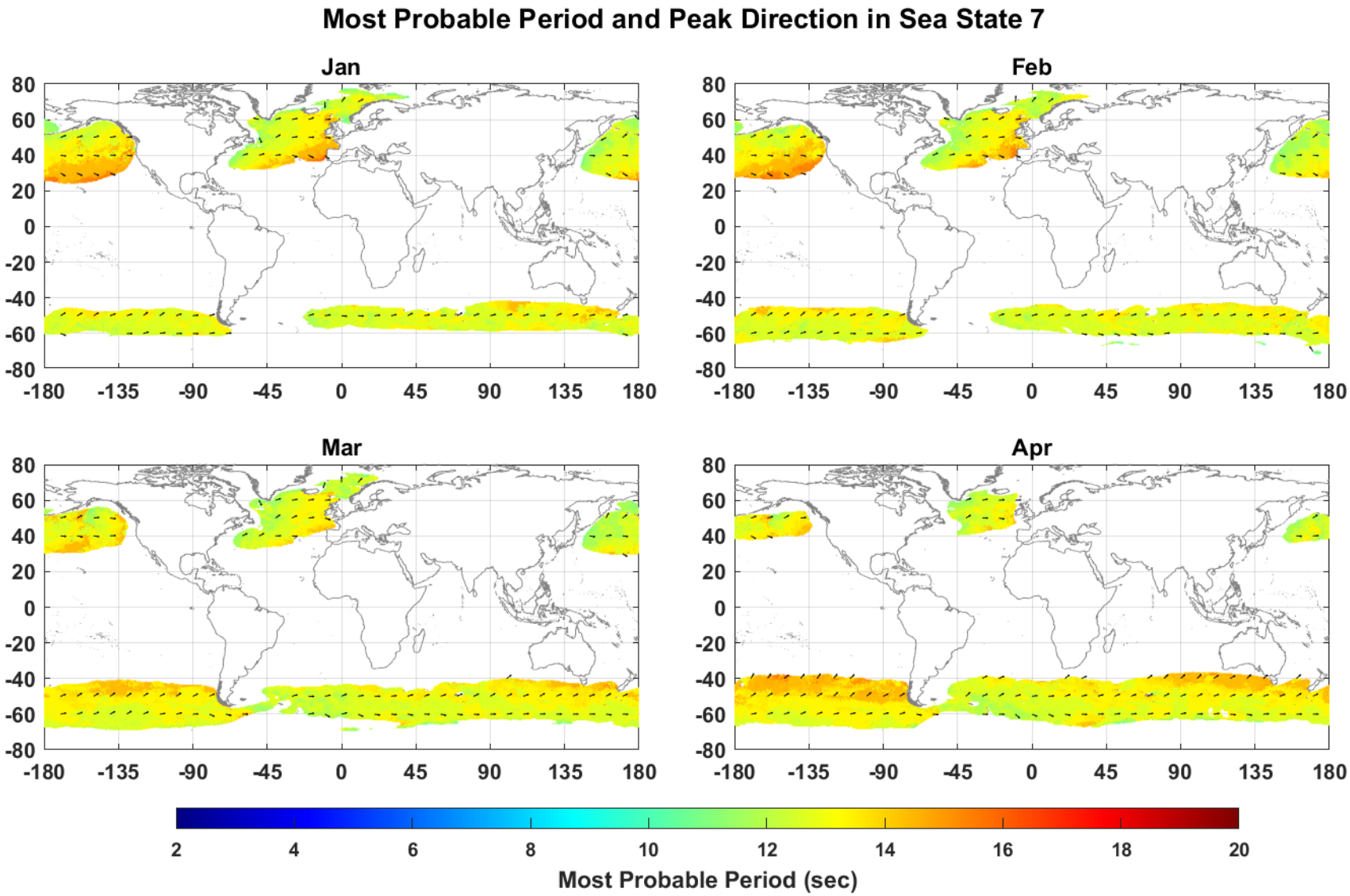


Figure I-23. Monthly Most Probable Period and Peak Direction in Sea State 7 for Jan-Apr

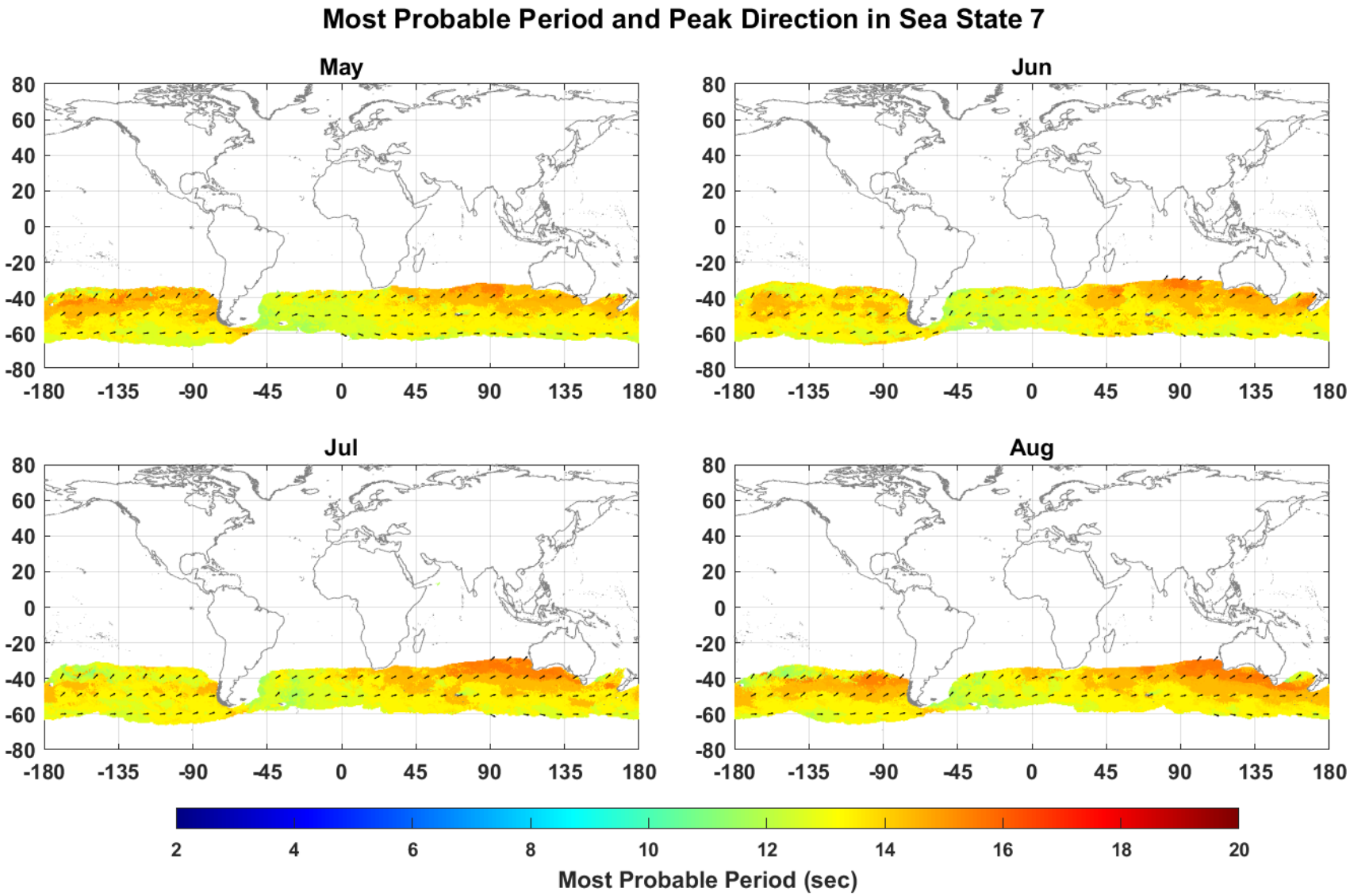


Figure I-24. Monthly Most Probable Period and Peak Direction in Sea State 7 for May-Aug

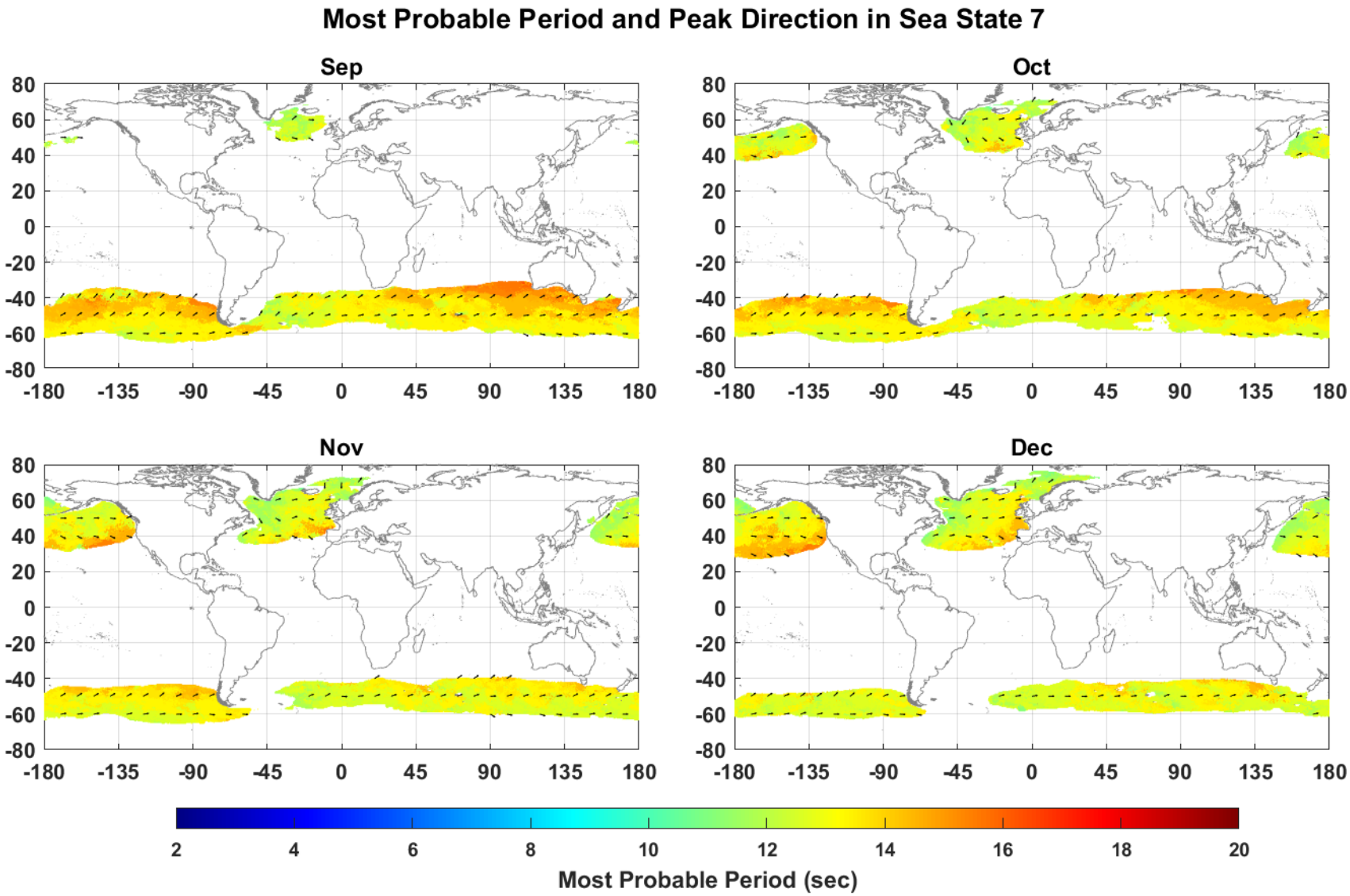


Figure I-25. Monthly Most Probable Period and Peak Direction in Sea State 7 for Sep-Dec

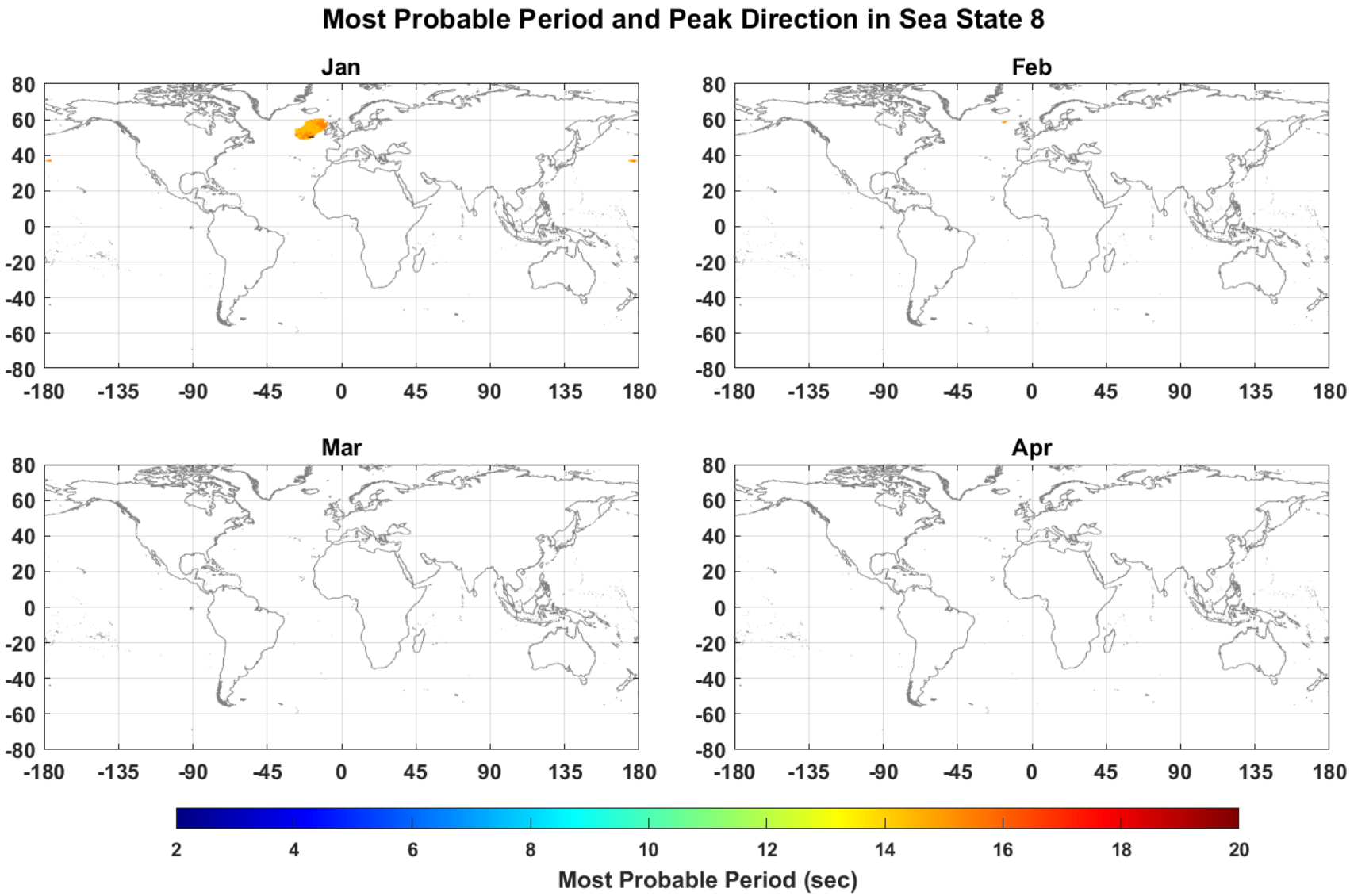


Figure I-26. Monthly Most Probable Period and Peak Direction in Sea State 8 for Jan-Apr

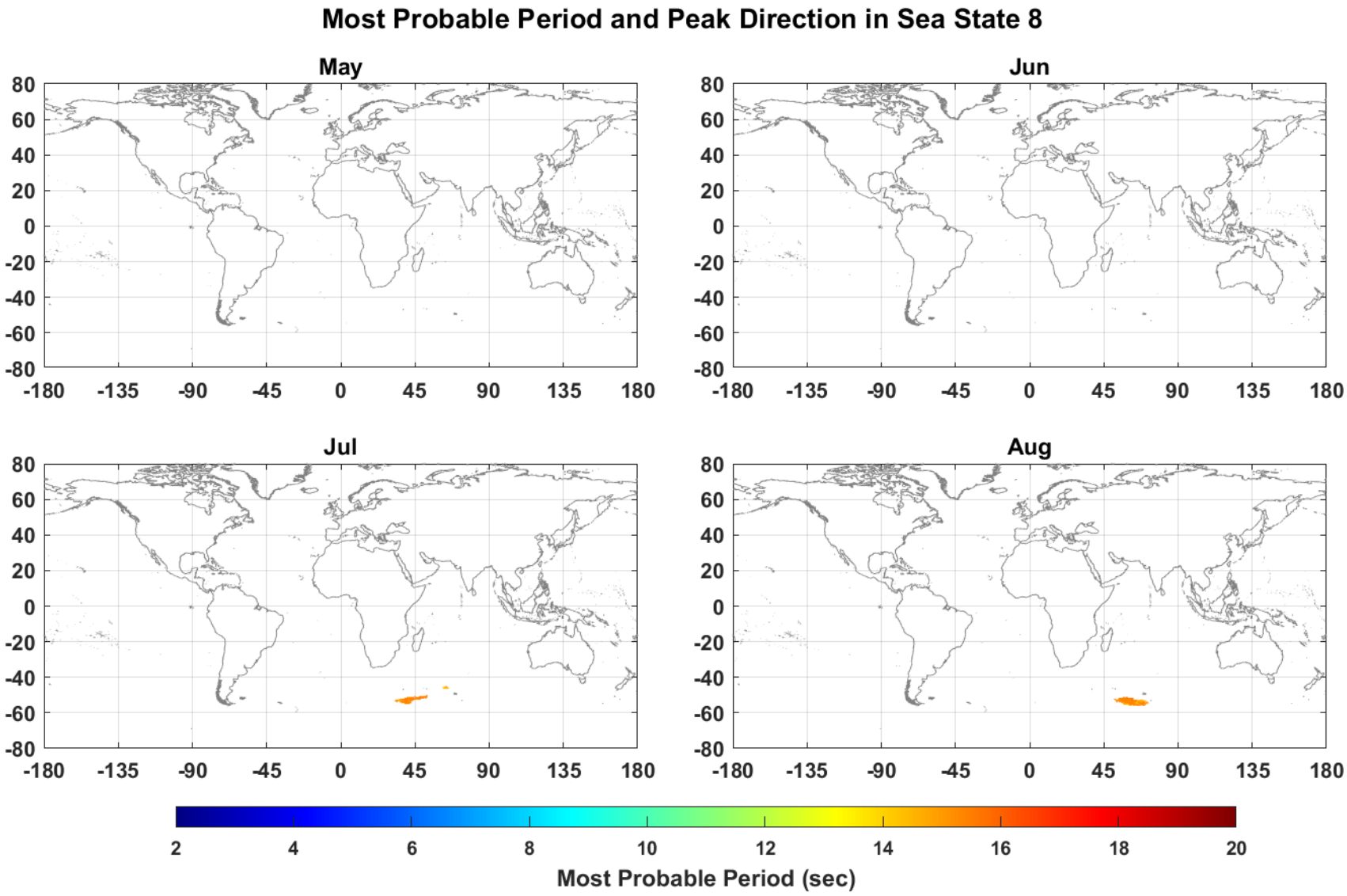


Figure I-27. Monthly Most Probable Period and Peak Direction in Sea State 8 for May-Aug

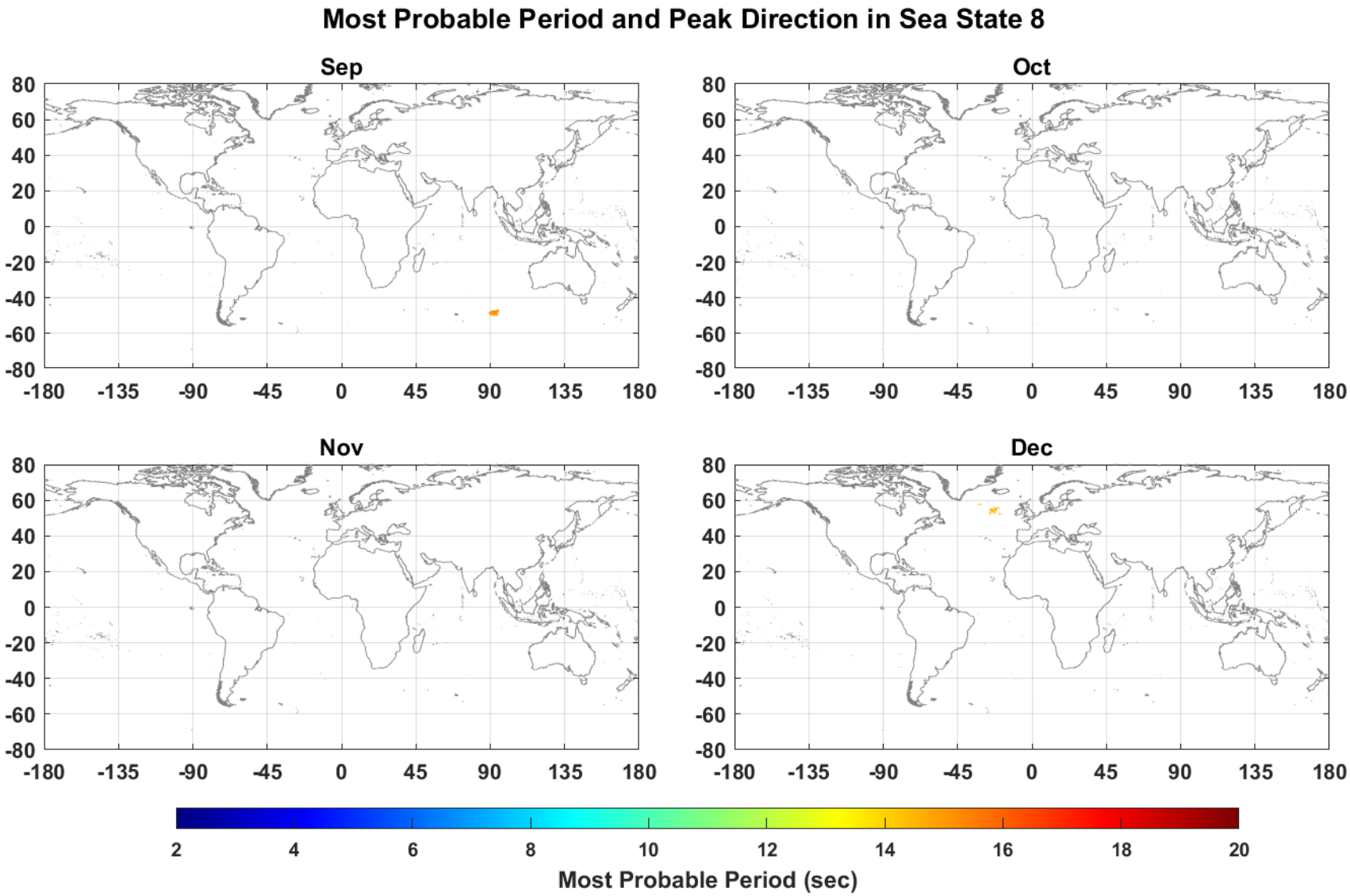


Figure I-28. Monthly Most Probable Period and Peak Direction in Sea State 8 for Sep-Dec

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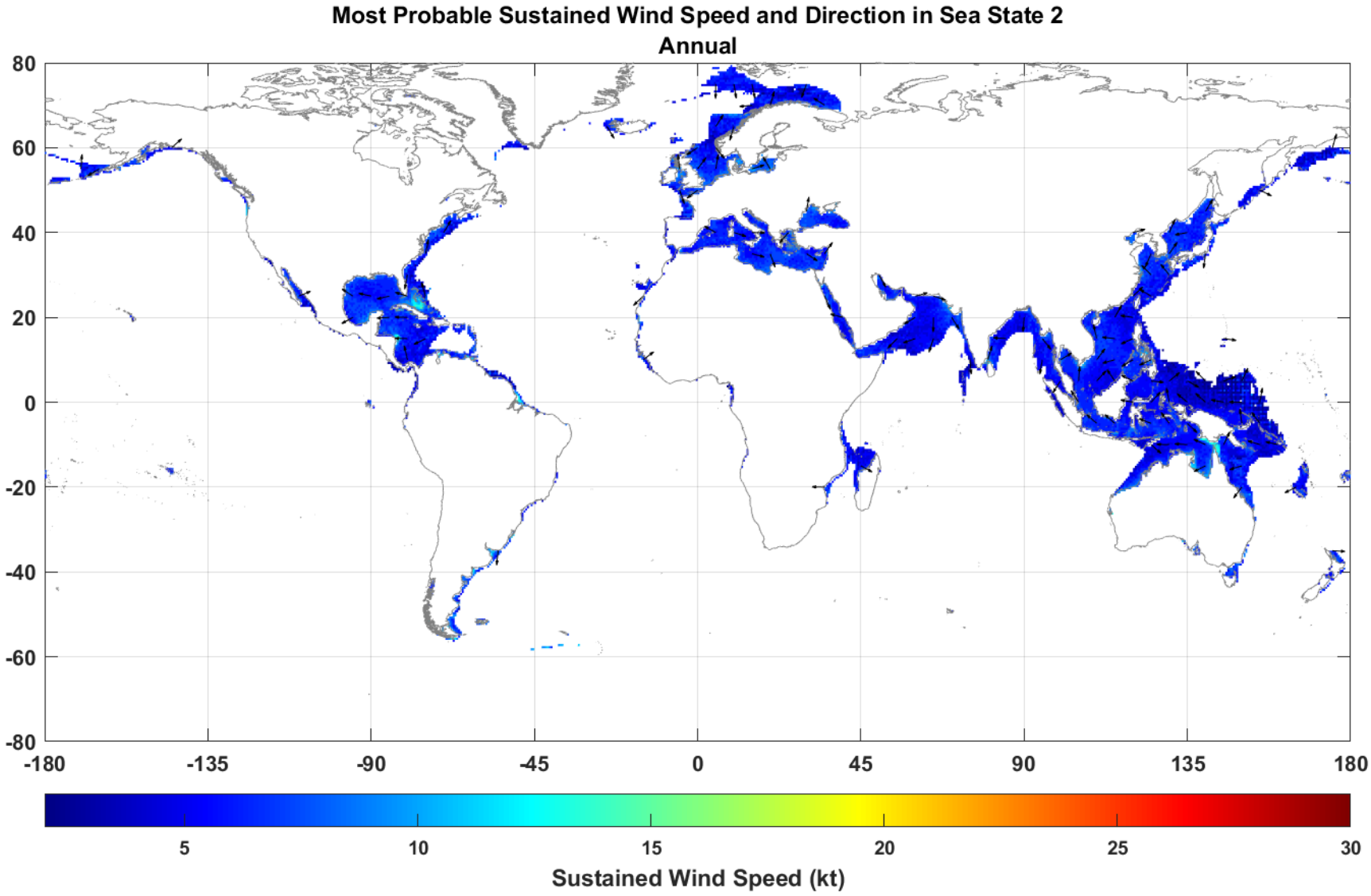


Figure J-1. Annual Most Probable Wind Speed and Direction in Sea State 2

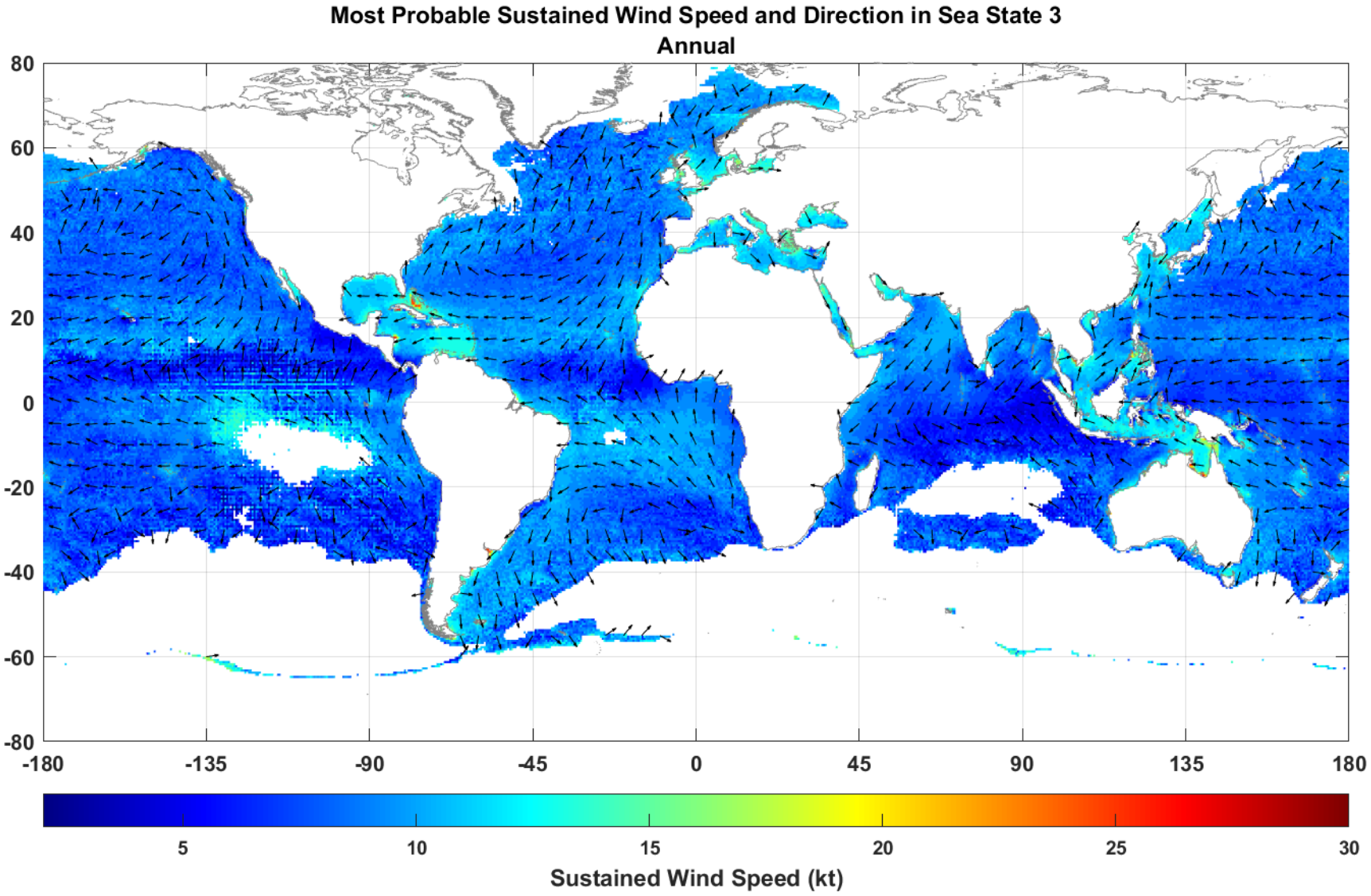


Figure J-2. Annual Most Probable Wind Speed and Direction in Sea State 3

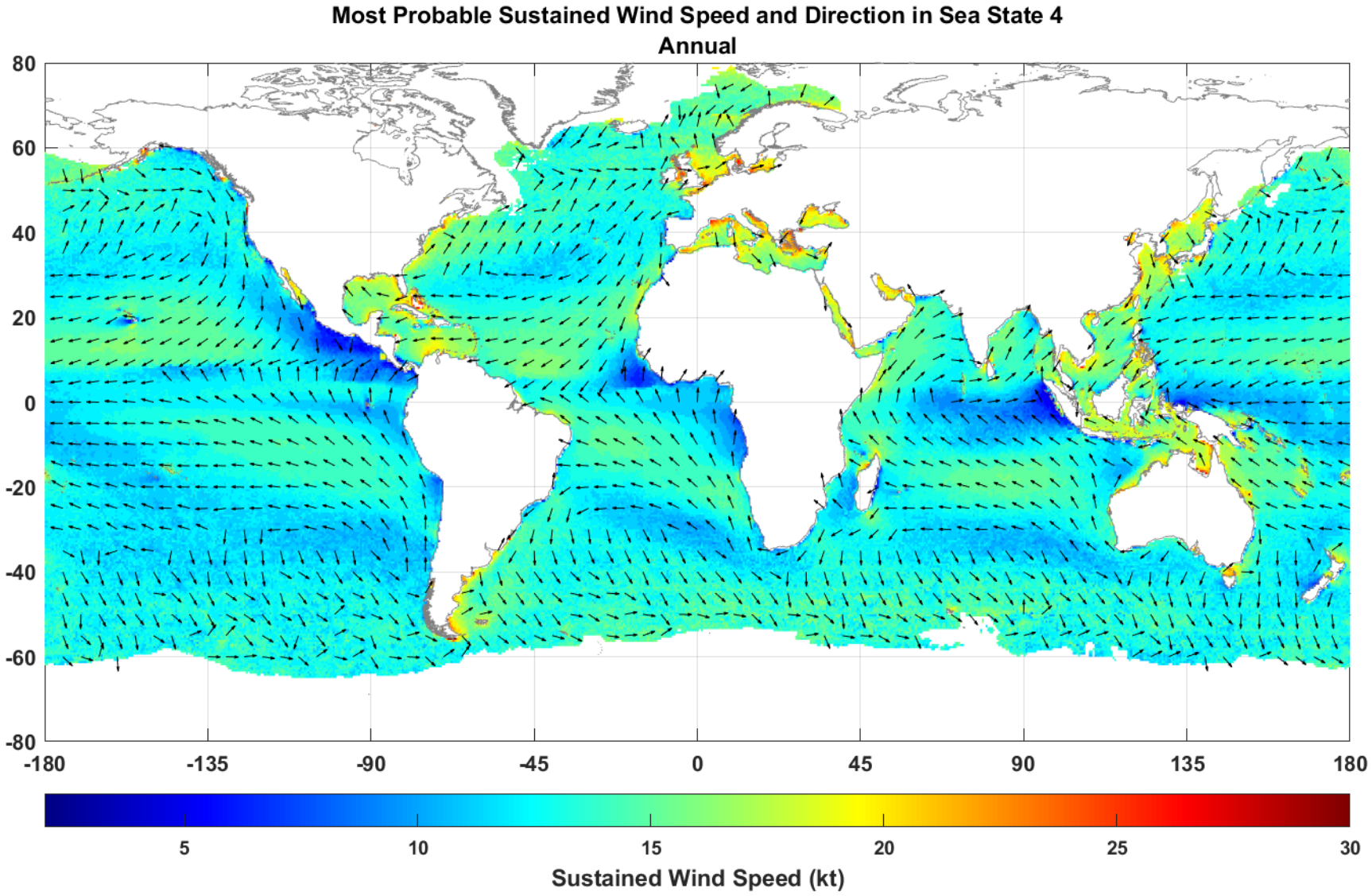


Figure J-3. Annual Most Probable Wind Speed and Direction in Sea State 4

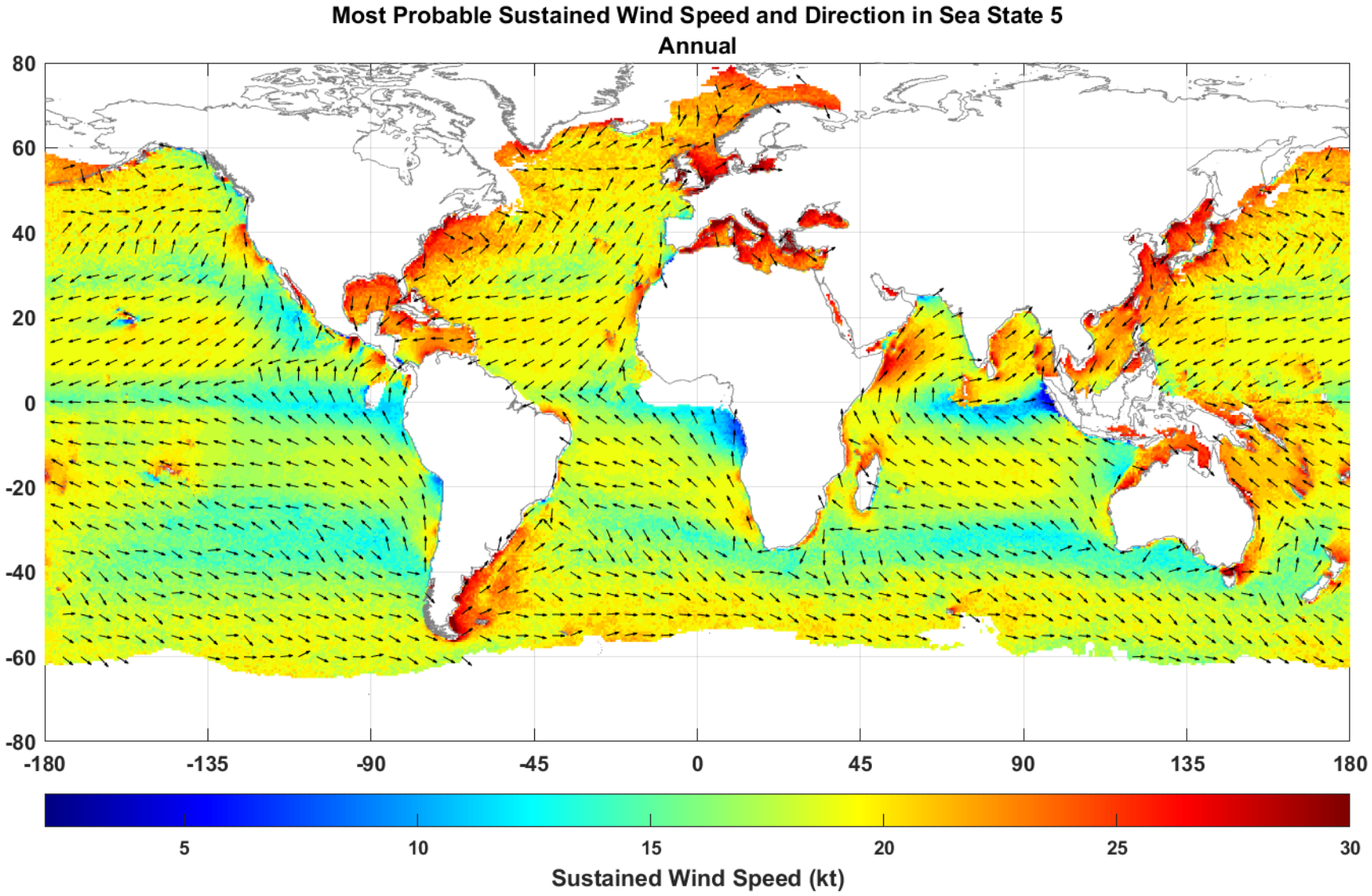


Figure J-4. Annual Most Probable Wind Speed and Direction in Sea State 5

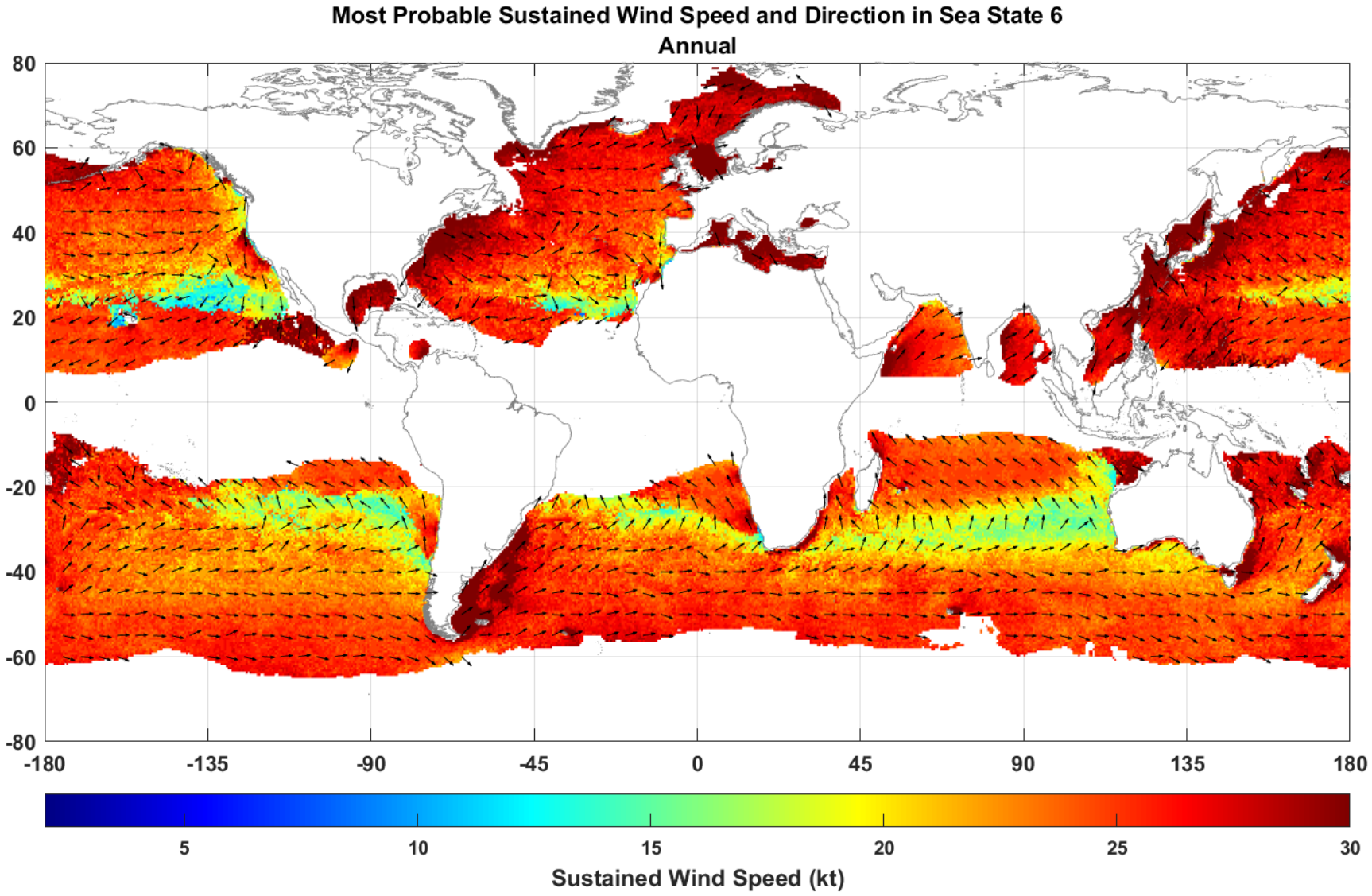


Figure J-5. Annual Most Probable Wind Speed and Direction in Sea State 6

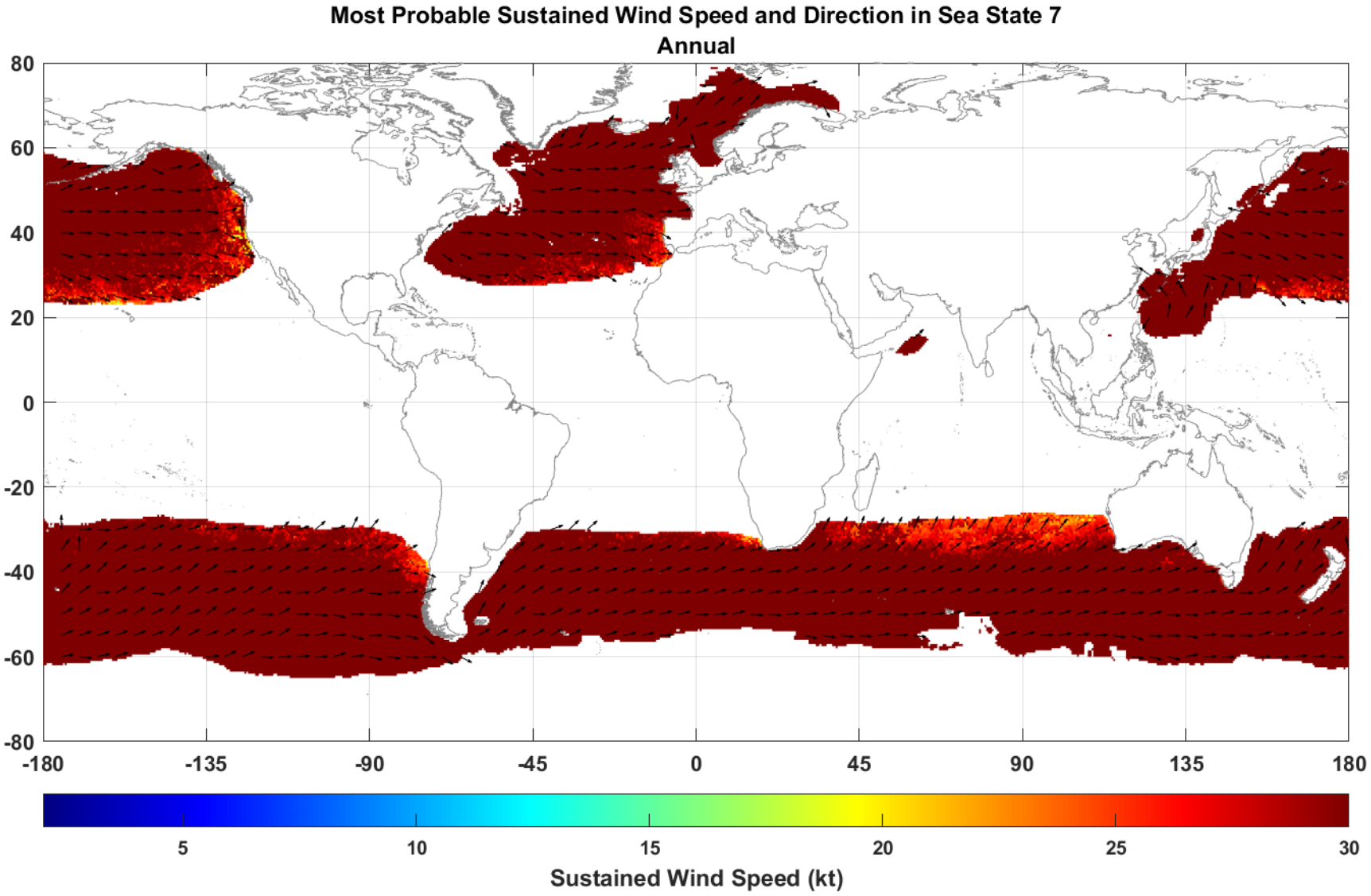


Figure J-6. Annual Most Probable Wind Speed and Direction in Sea State 7

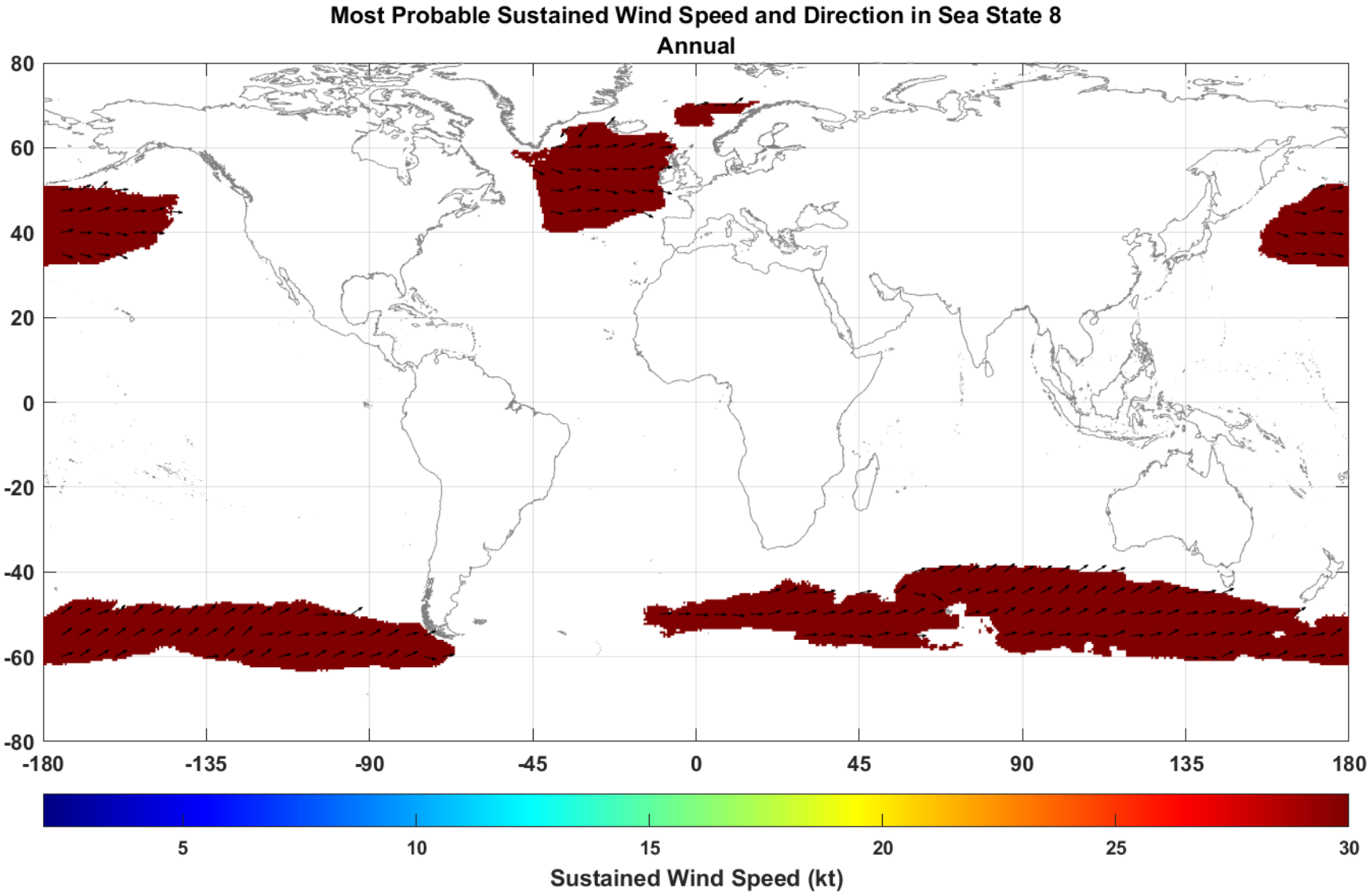


Figure J-7. Annual Most Probable Wind Speed and Direction in Sea State 8

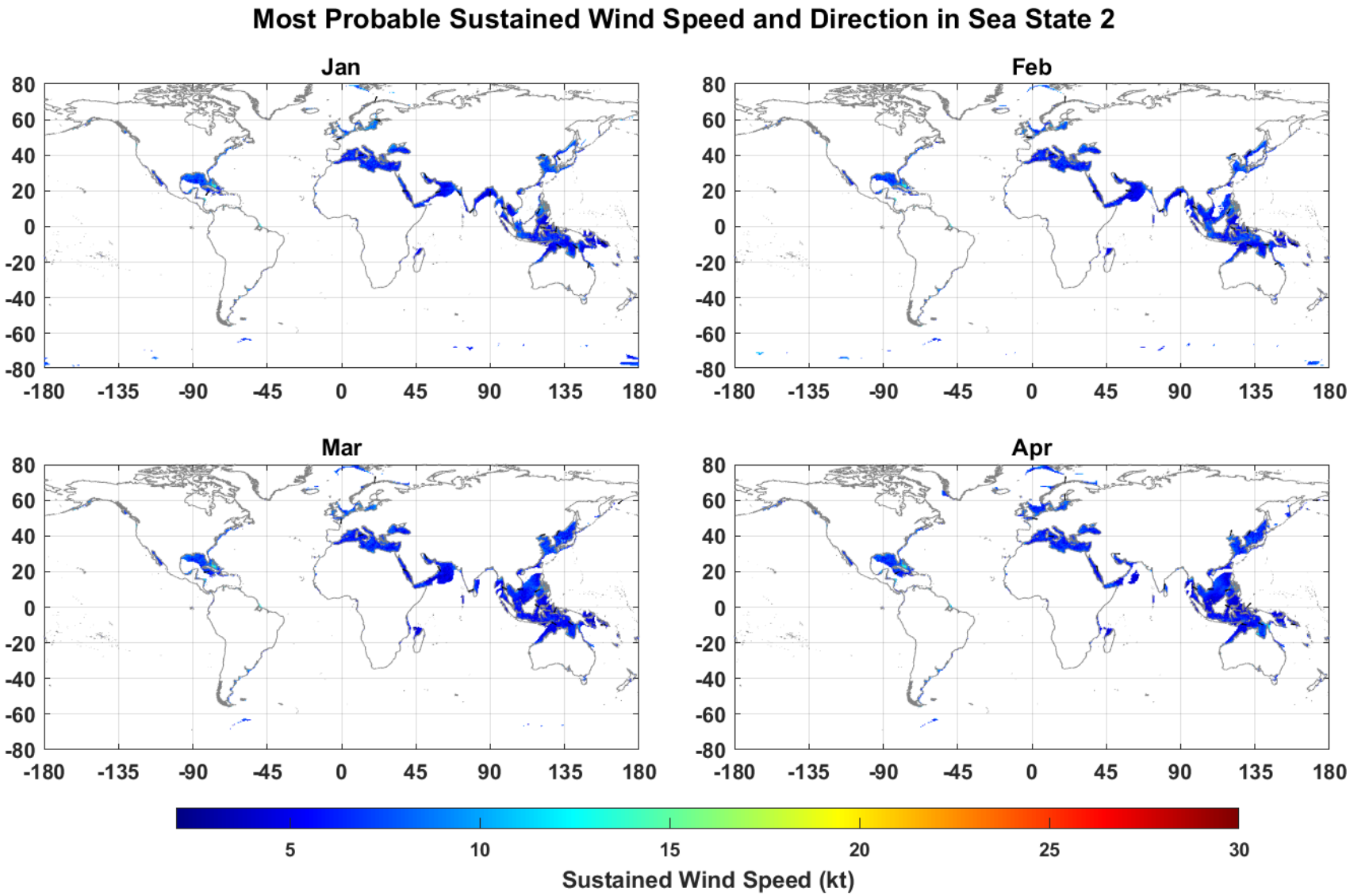


Figure J-8. Monthly Most Probable Wind Speed and Direction in Sea State 2 for Jan-Apr

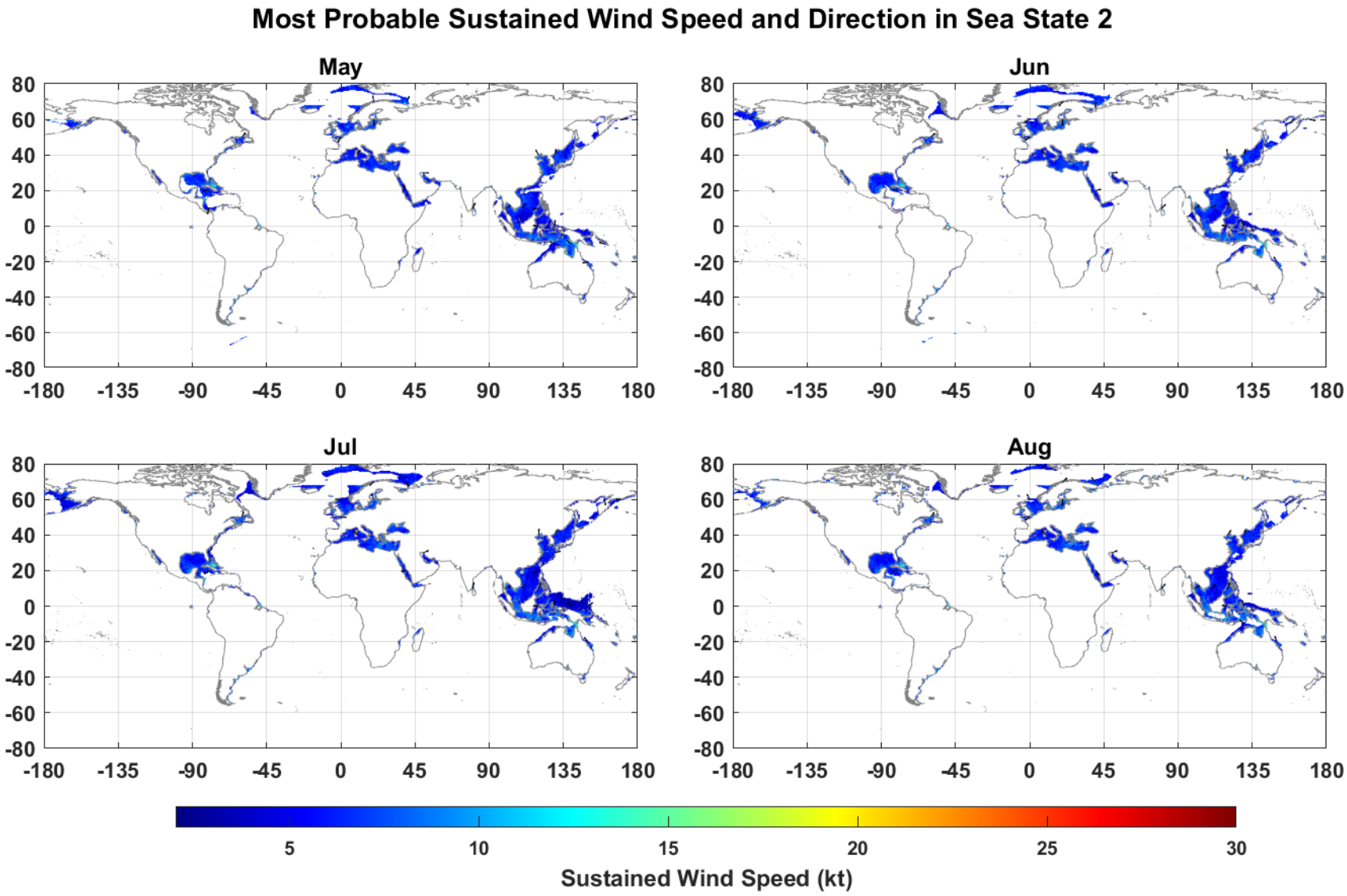


Figure J-9. Monthly Most Probable Wind Speed and Direction in Sea State 2 for May-Aug

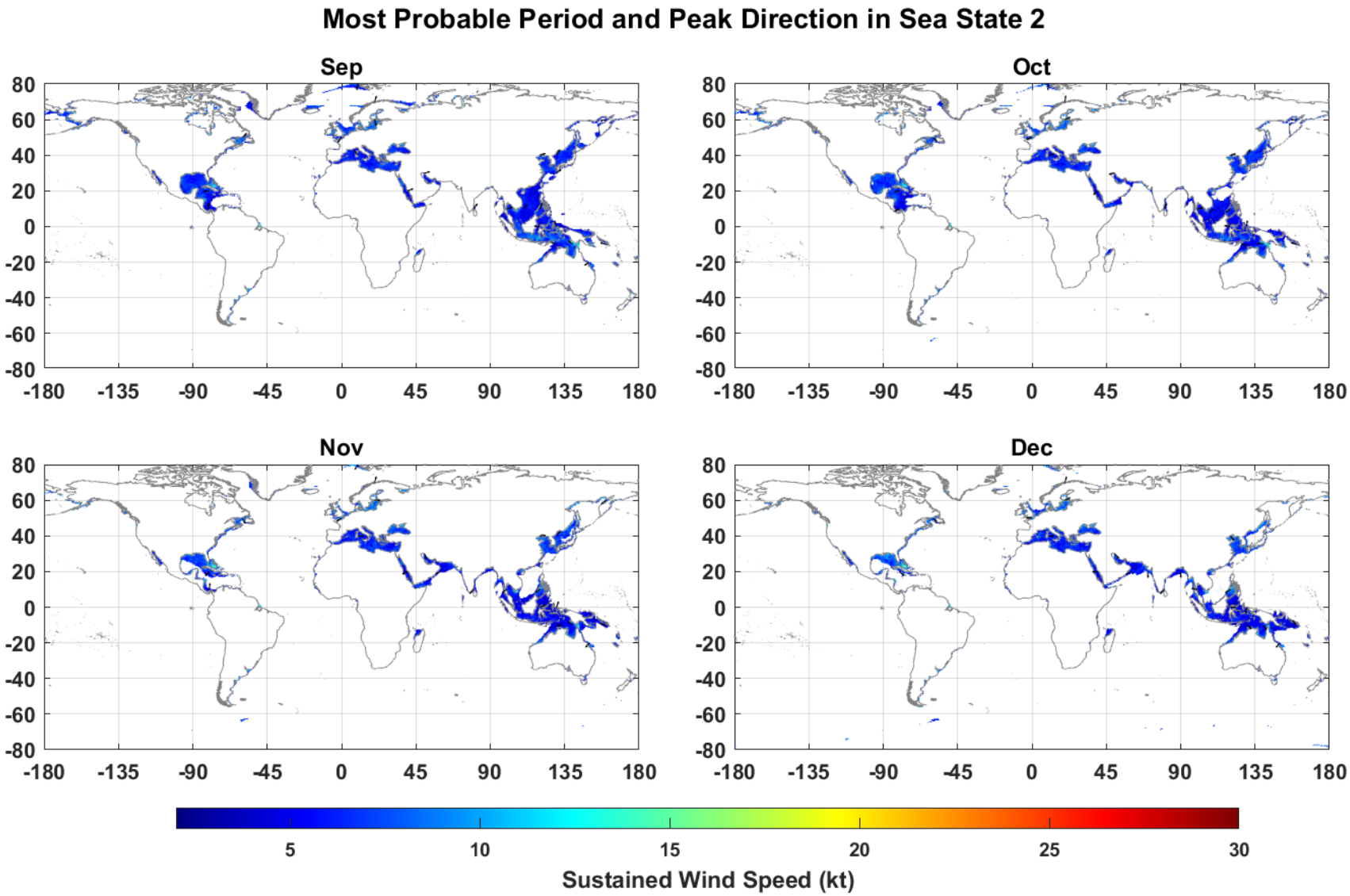


Figure J-10. Monthly Most Probable Wind Speed and Direction in Sea State 2 for Sep-Dec

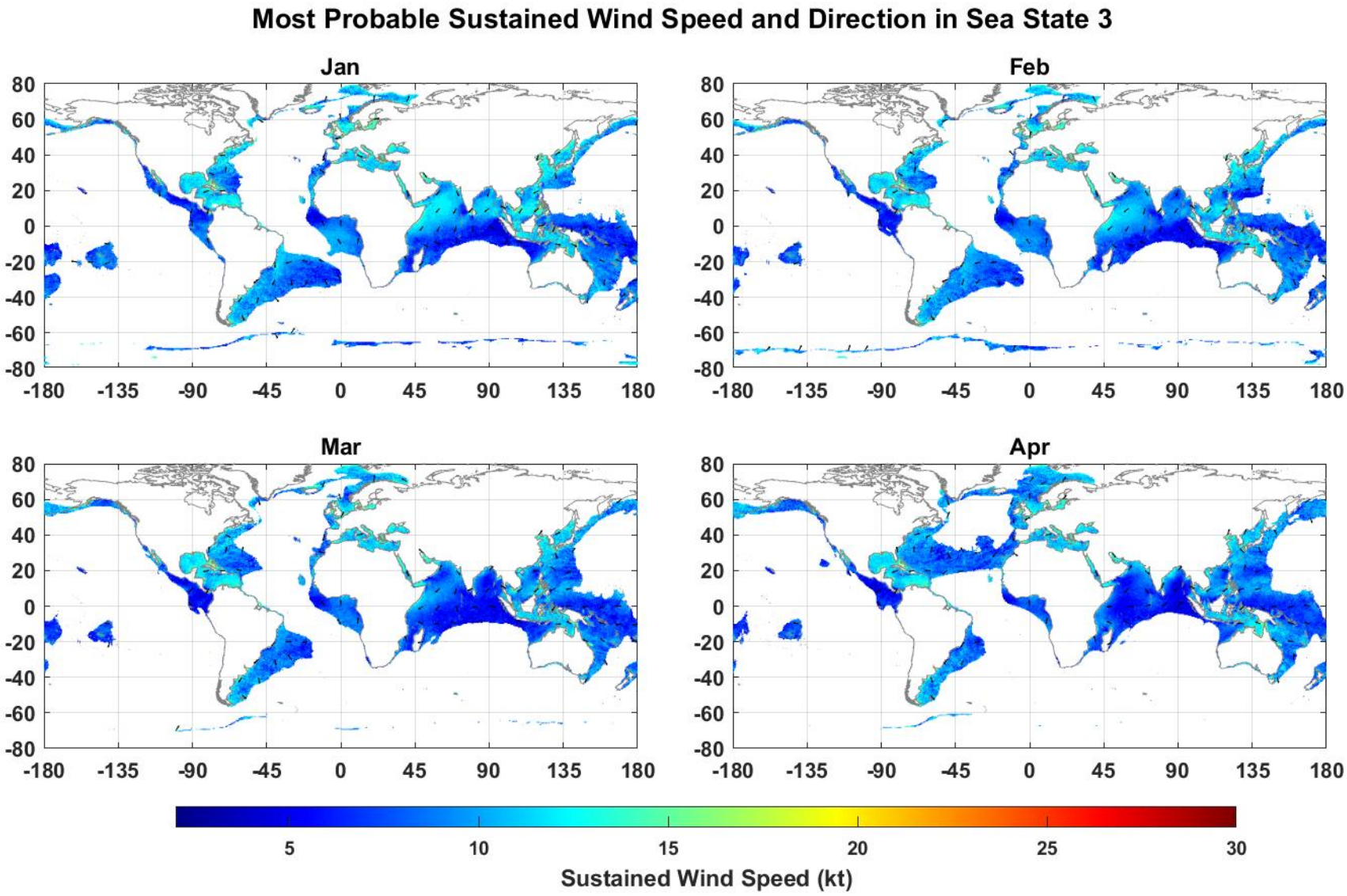


Figure J-11. Monthly Most Probable Wind Speed and Direction in Sea State 3 for Jan-Apr

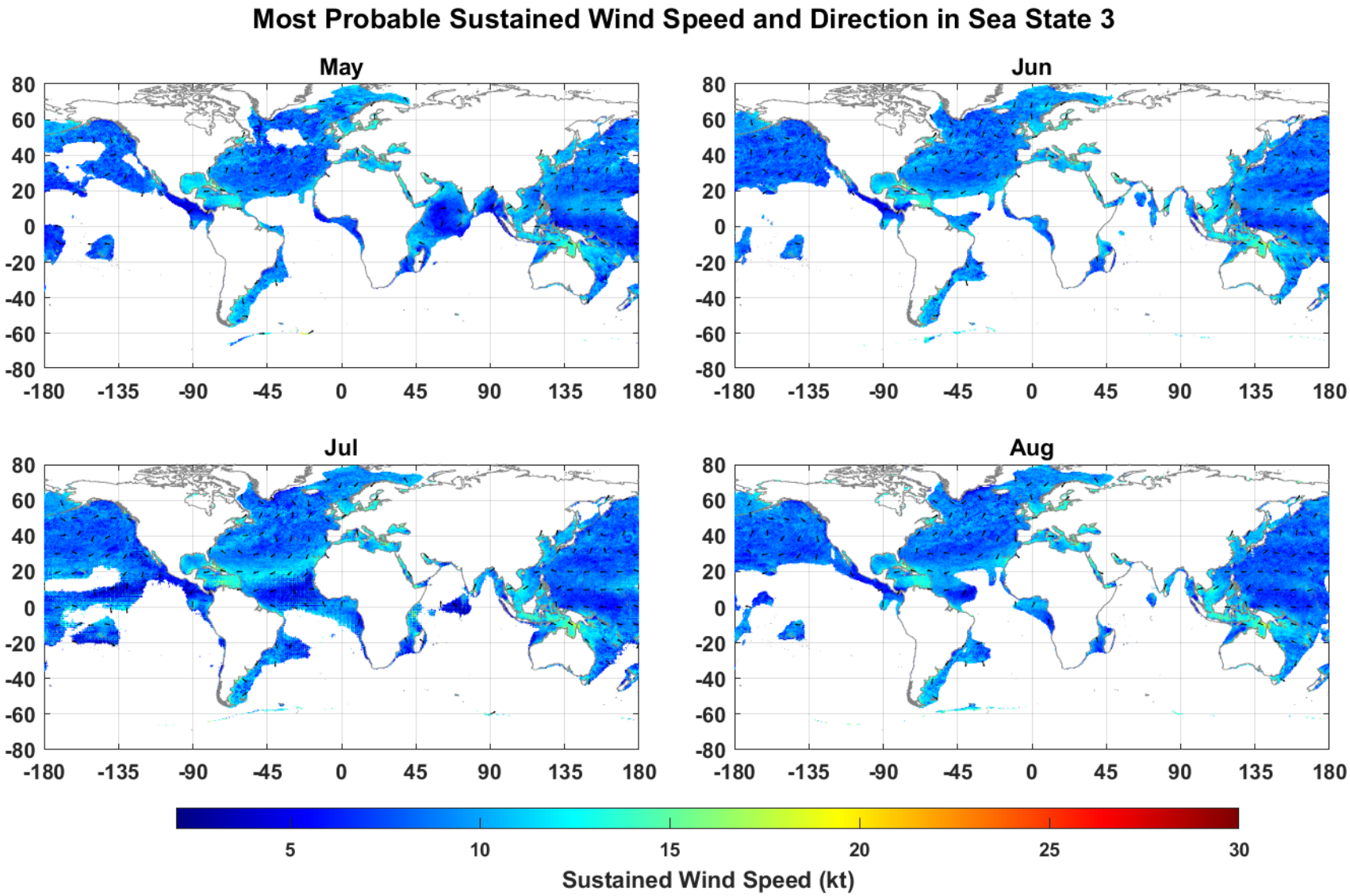


Figure J-12. Monthly Most Probable Wind Speed and Direction in Sea State 3 for May-Aug

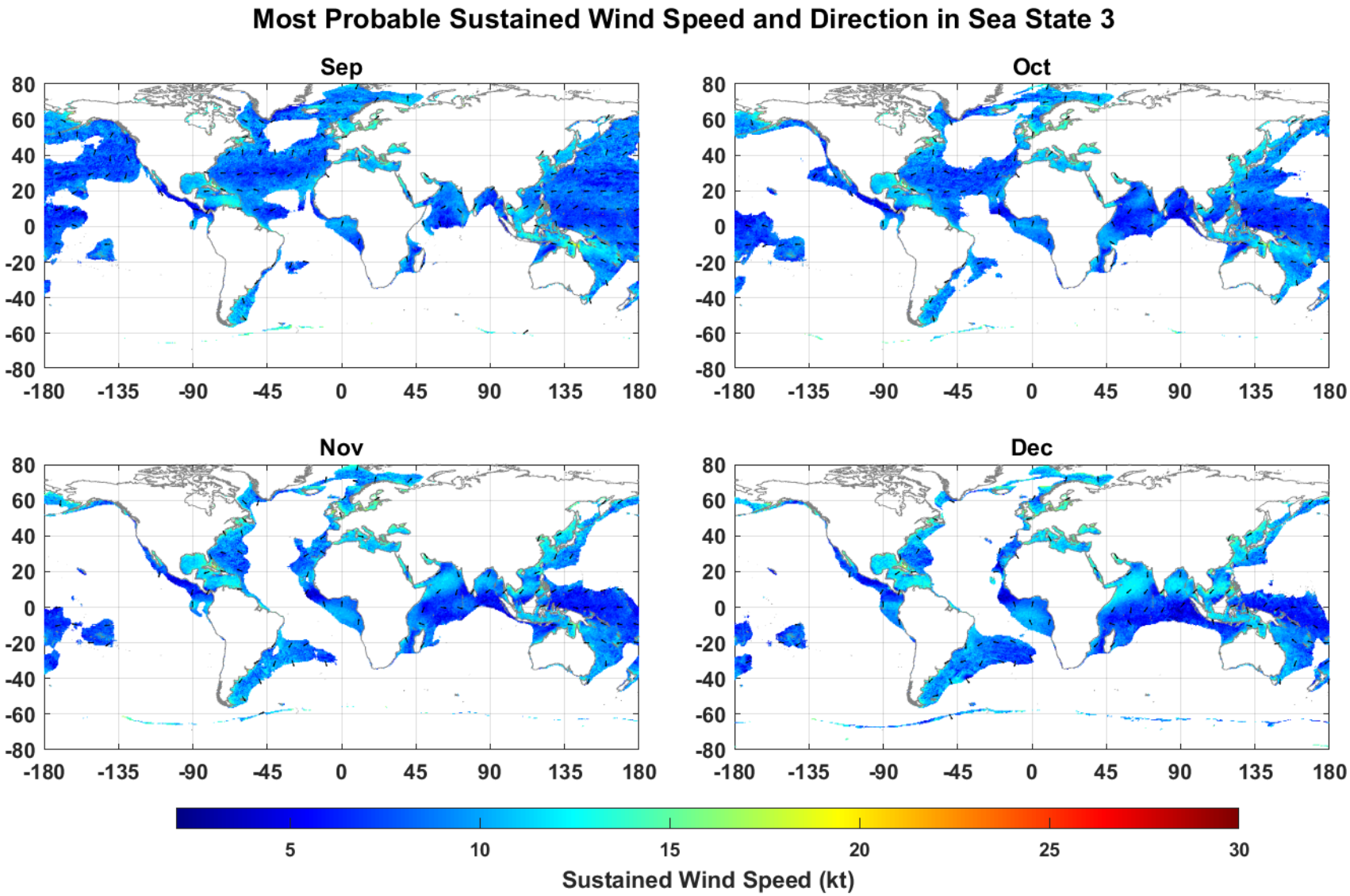


Figure J-13. Monthly Most Probable Wind Speed and Direction in Sea State 3 for Sep-Dec

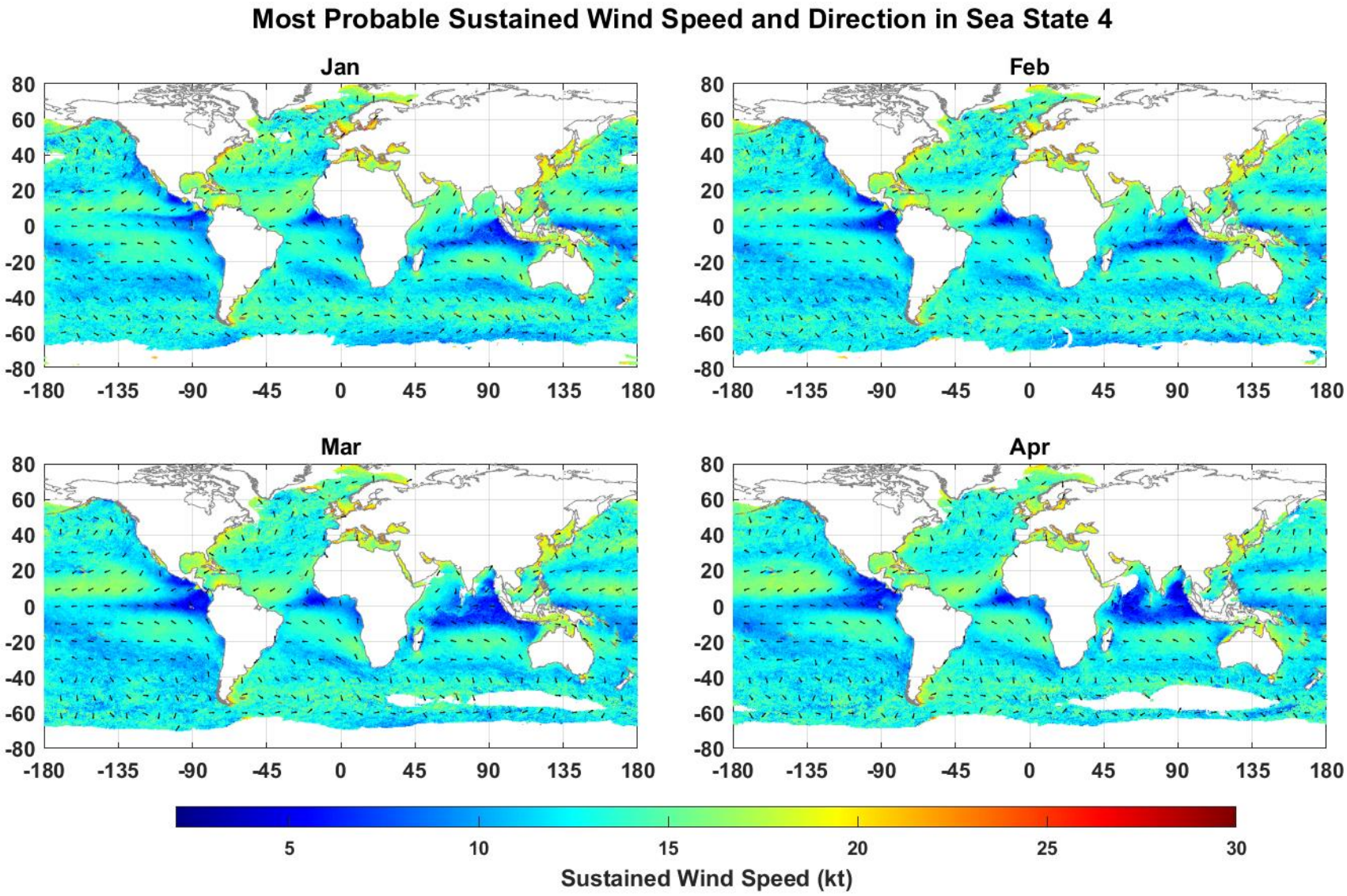


Figure J-14. Monthly Most Probable Wind Speed and Direction in Sea State 4 for Jan-Apr

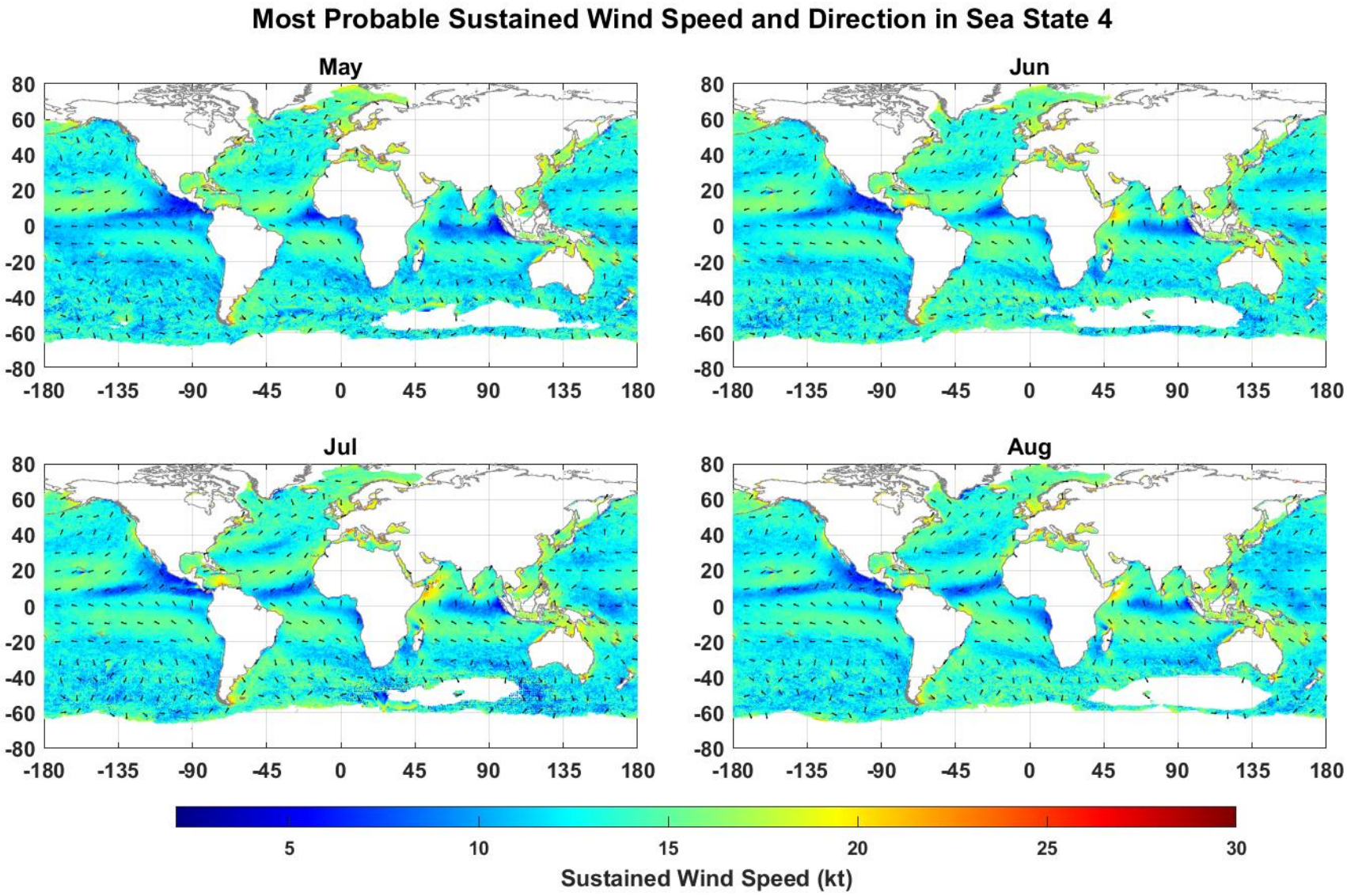


Figure J-15. Monthly Most Probable Wind Speed and Direction in Sea State 4 for May-Aug

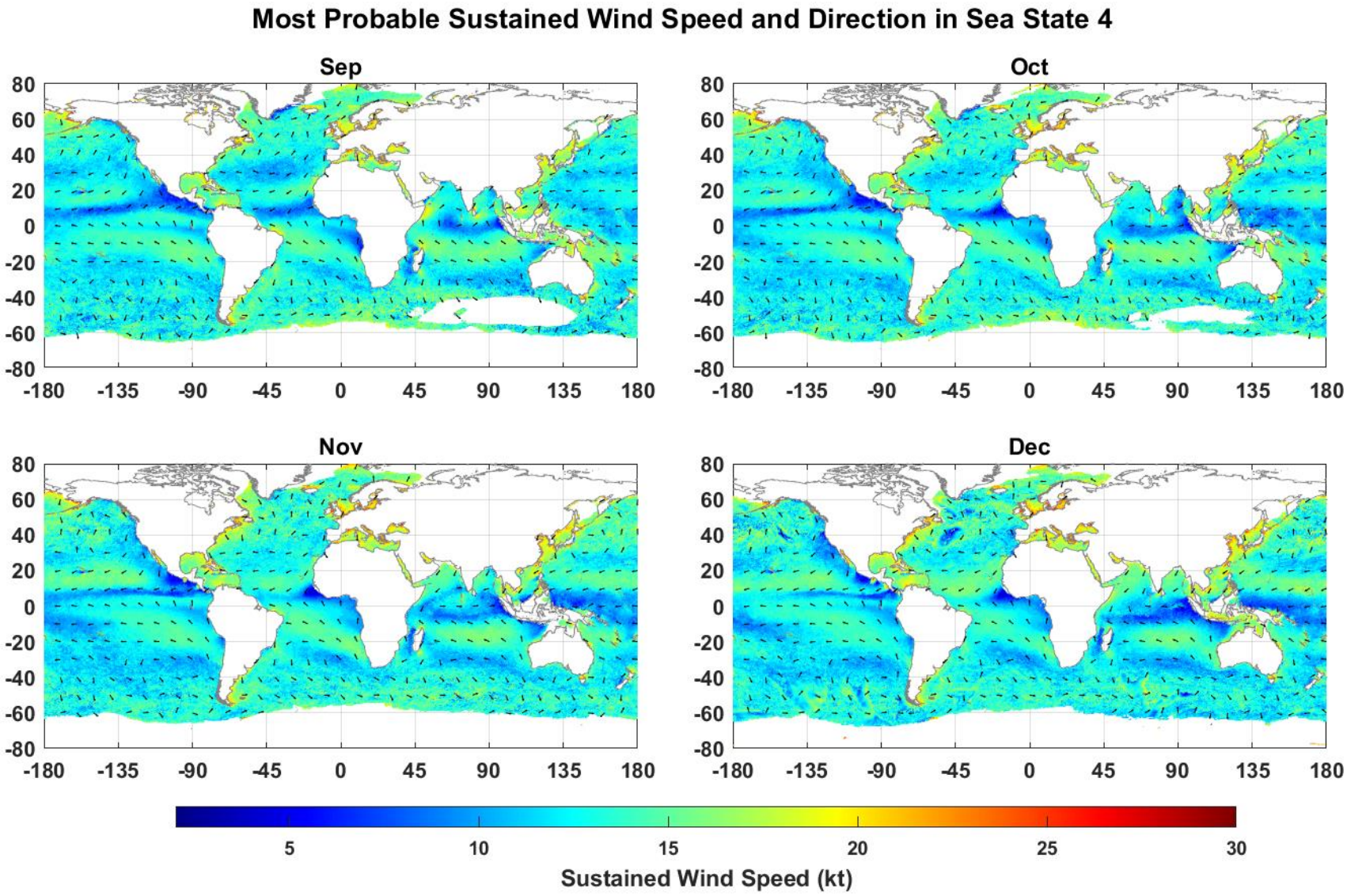


Figure J-16. Monthly Most Probable Wind Speed and Direction in Sea State 4 for Sep-Dec

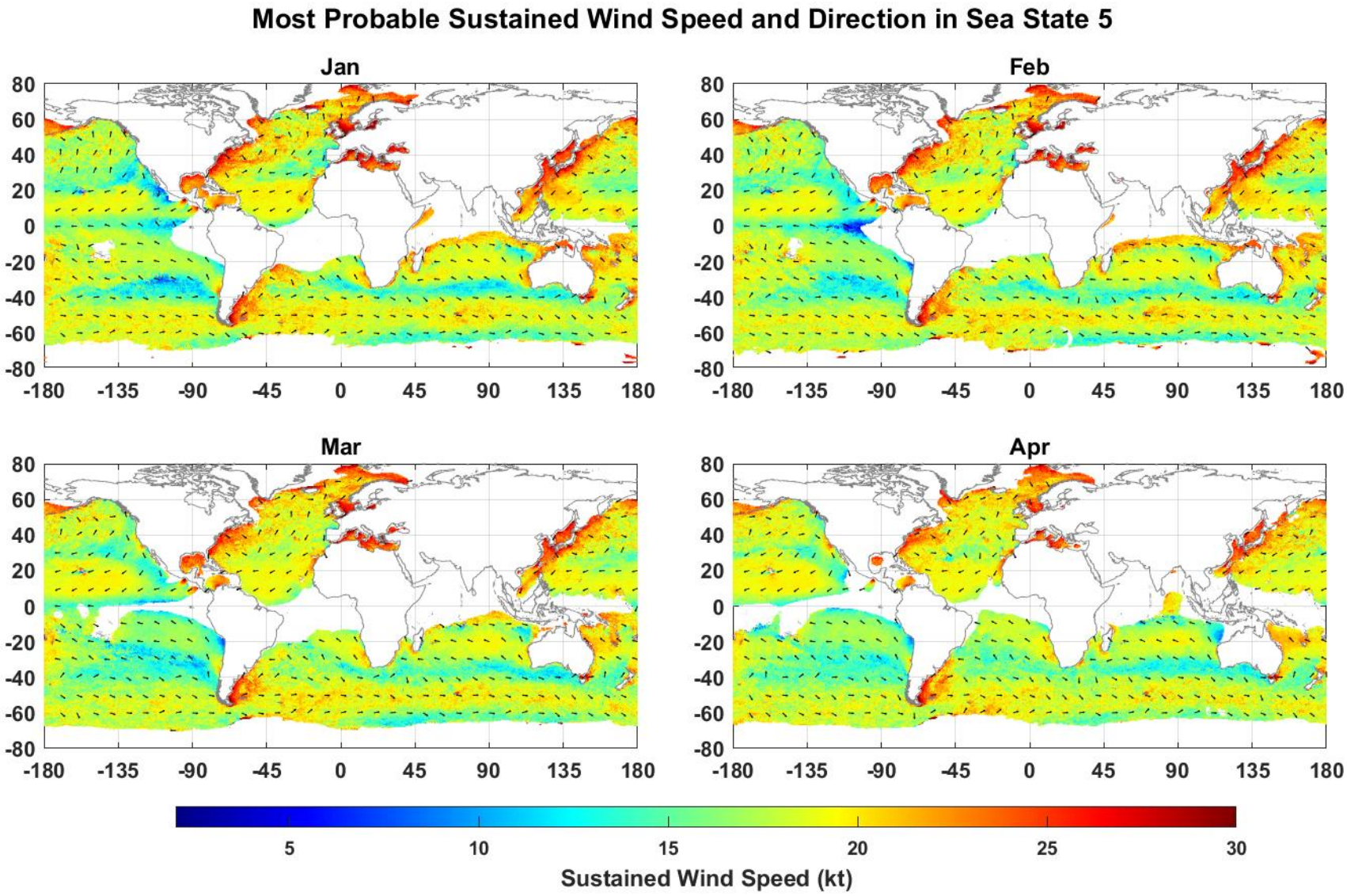


Figure J-17. Monthly Most Probable Wind Speed and Direction in Sea State 5 for Jan-Apr

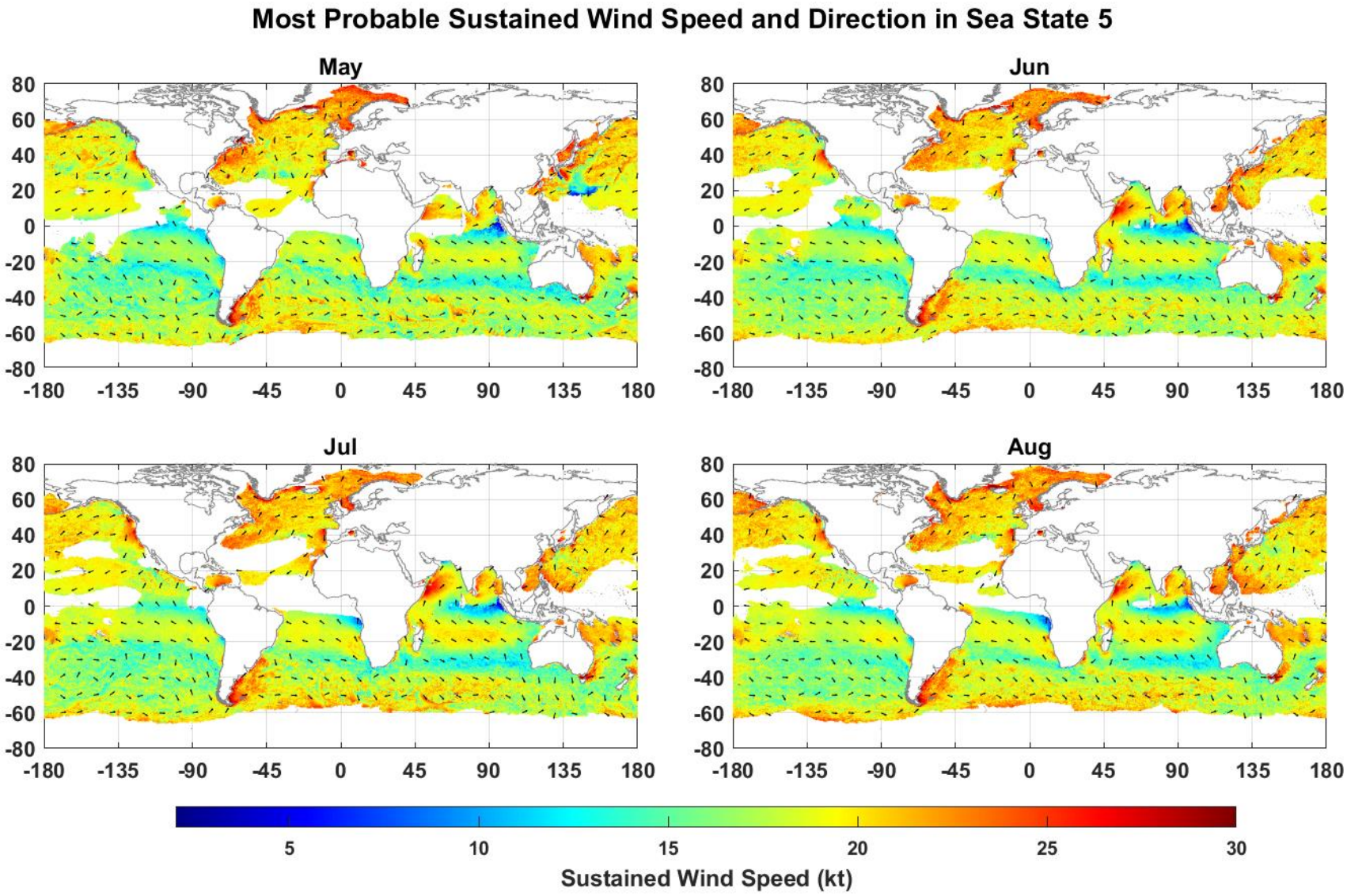


Figure J-18. Monthly Most Probable Wind Speed and Direction in Sea State 5 for May-Aug

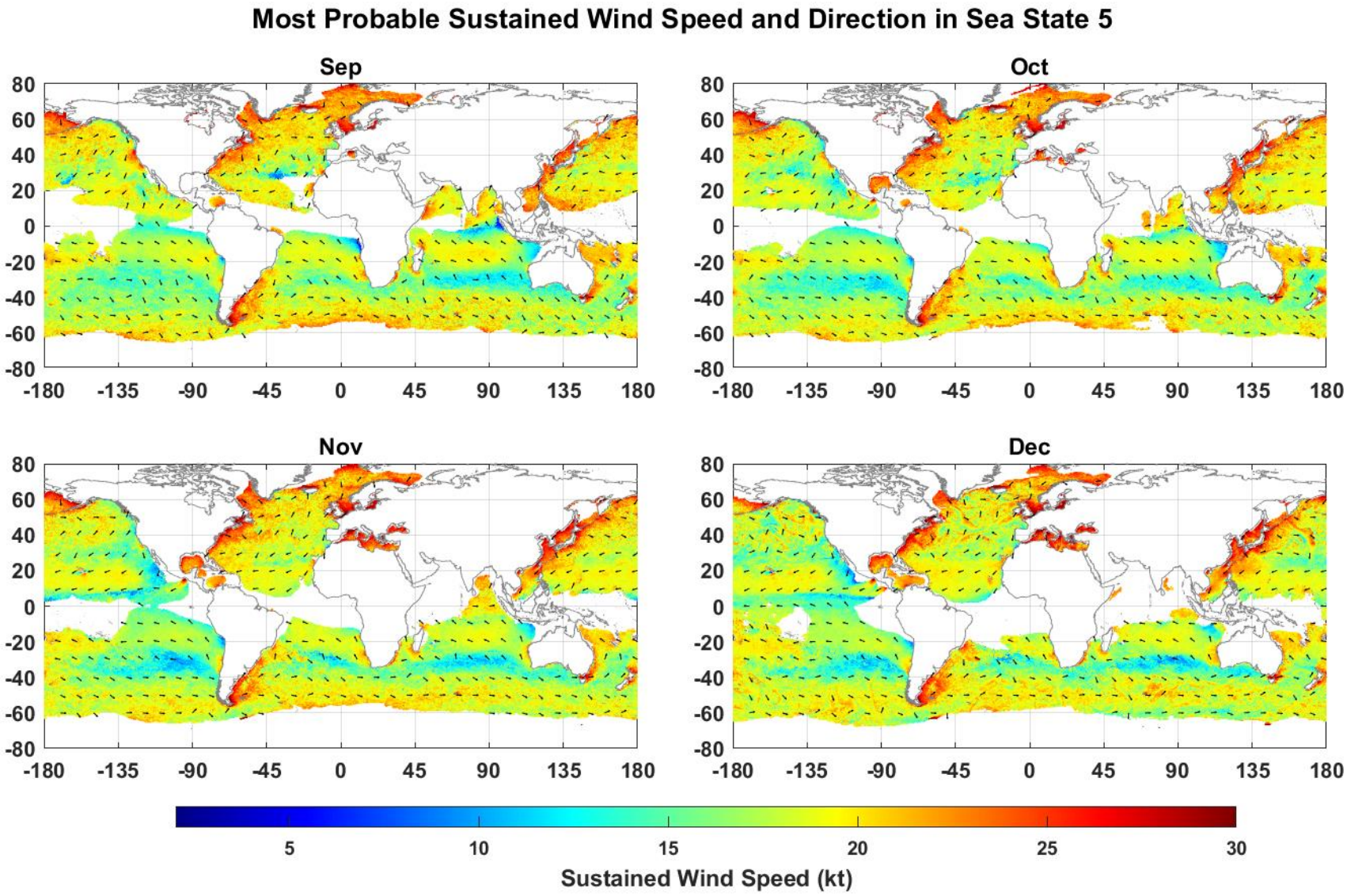


Figure J-19. Monthly Most Probable Wind Speed and Direction in Sea State 5 for Sep-Dec

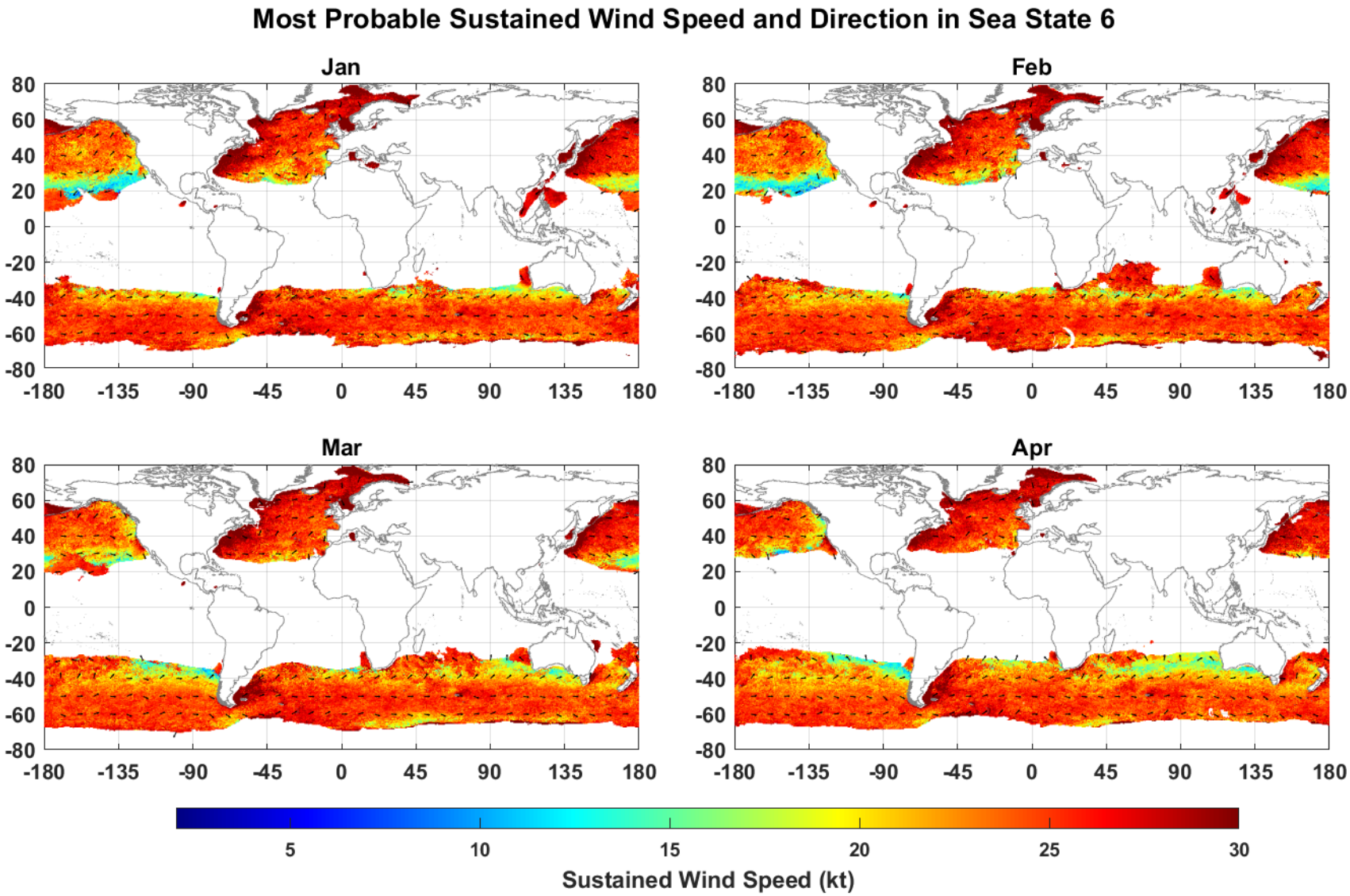


Figure J-20. Monthly Most Probable Wind Speed and Direction in Sea State 6 for Jan-Apr

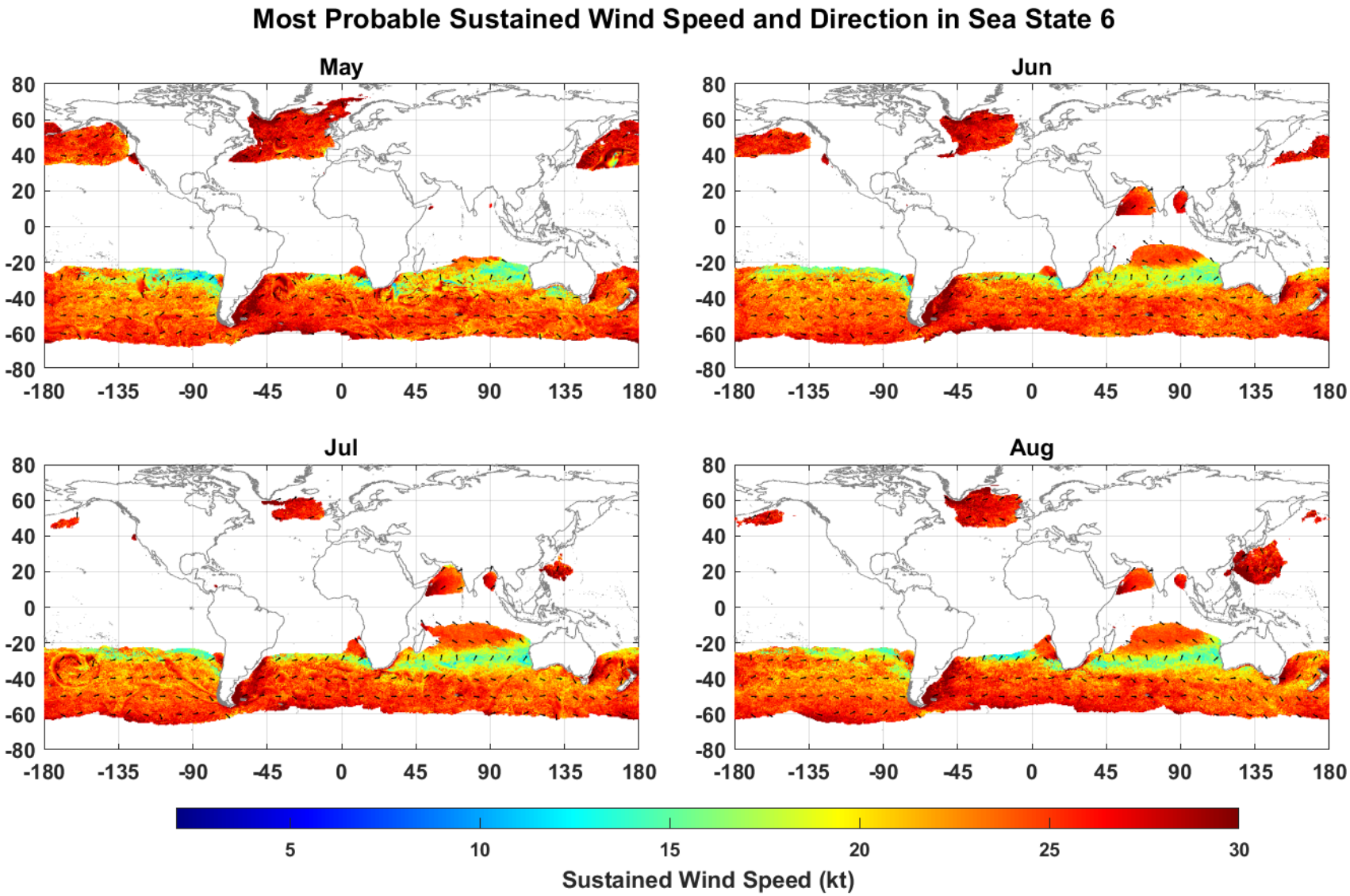


Figure J-21. Monthly Most Probable Wind Speed and Direction in Sea State 6 for May-Aug

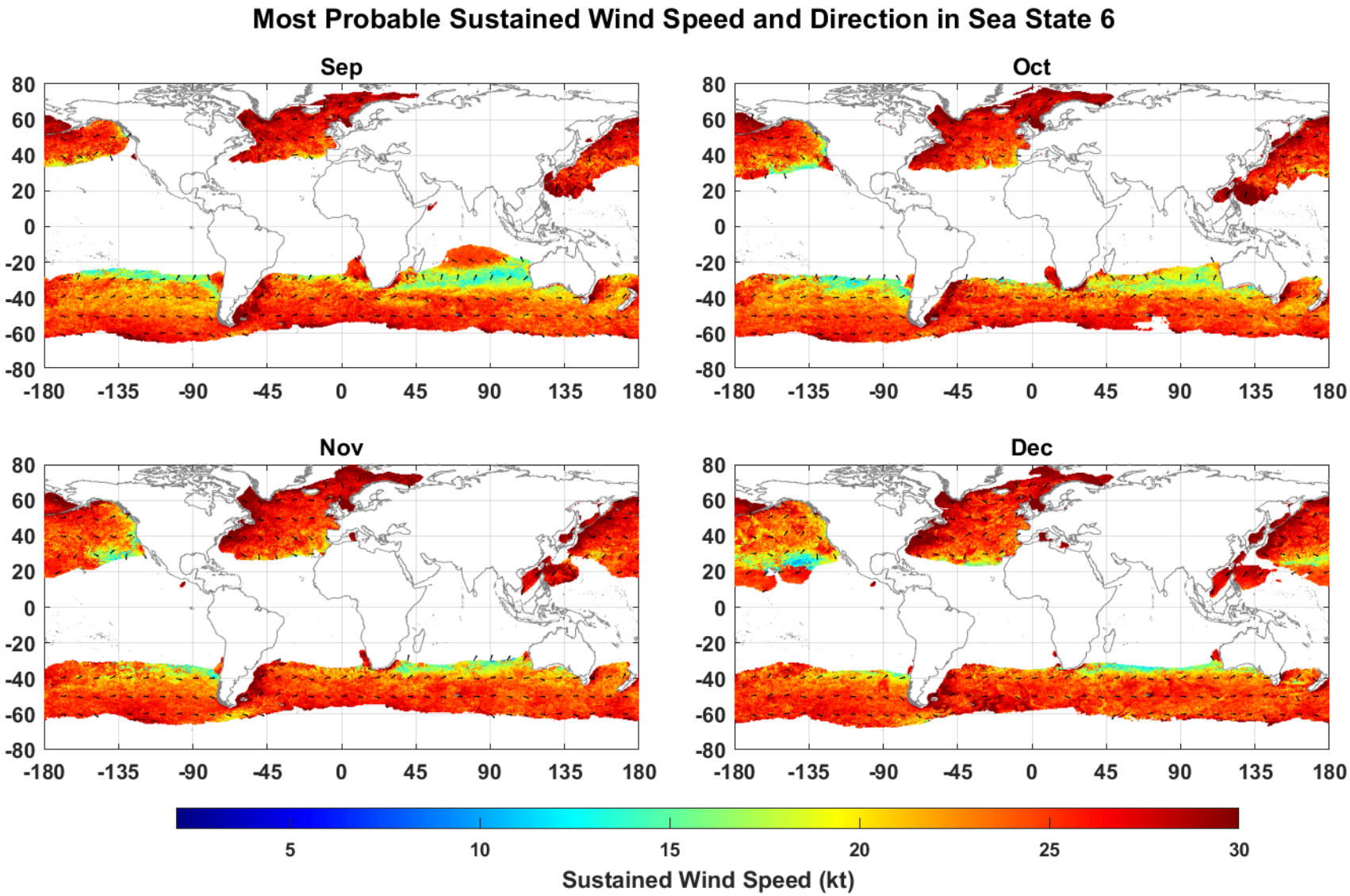


Figure J-22. Monthly Most Probable Wind Speed and Direction in Sea State 6 for Sep-Dec

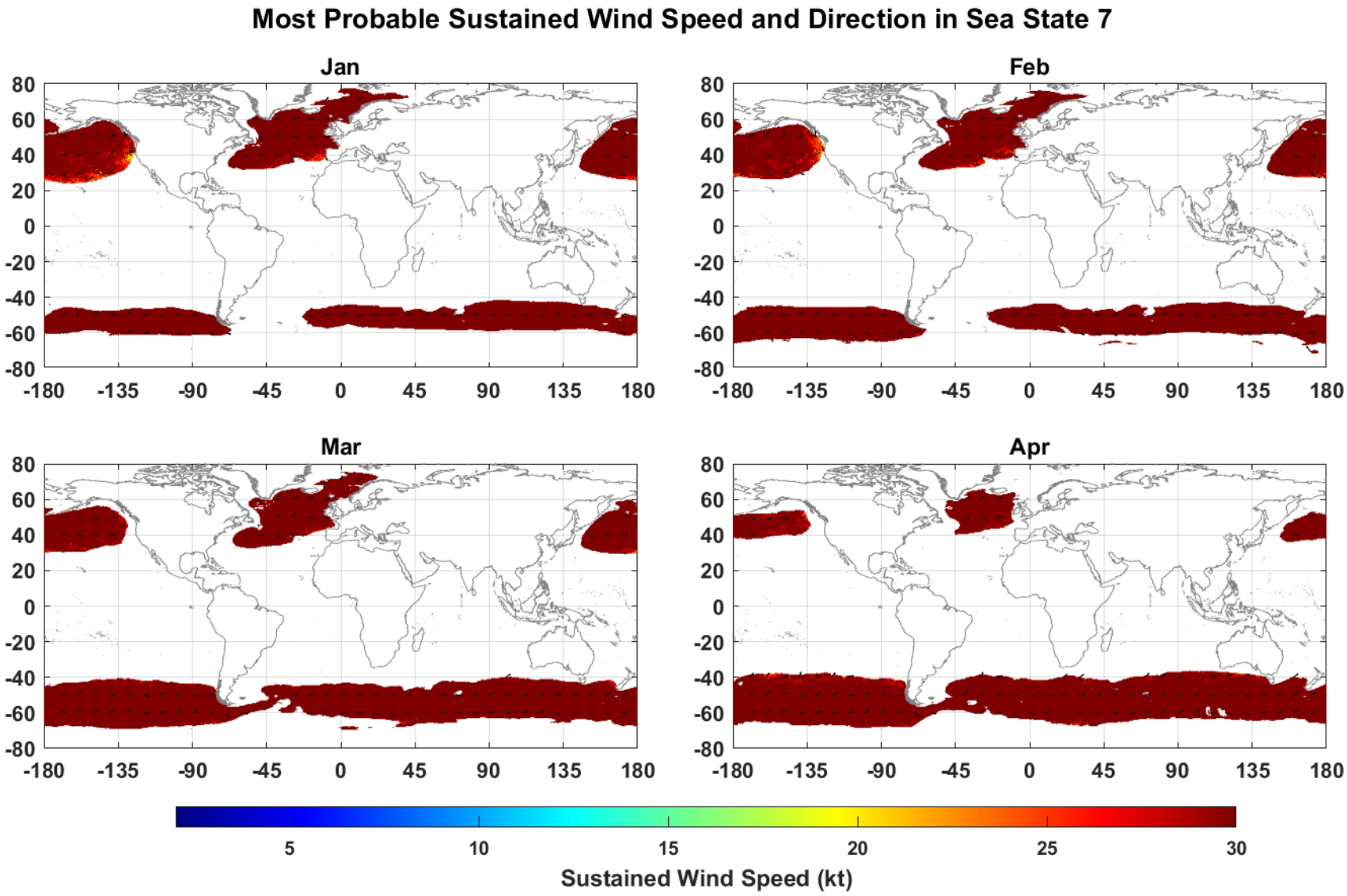


Figure J-23. Monthly Most Probable Wind Speed and Direction in Sea State 7 for Jan-Apr

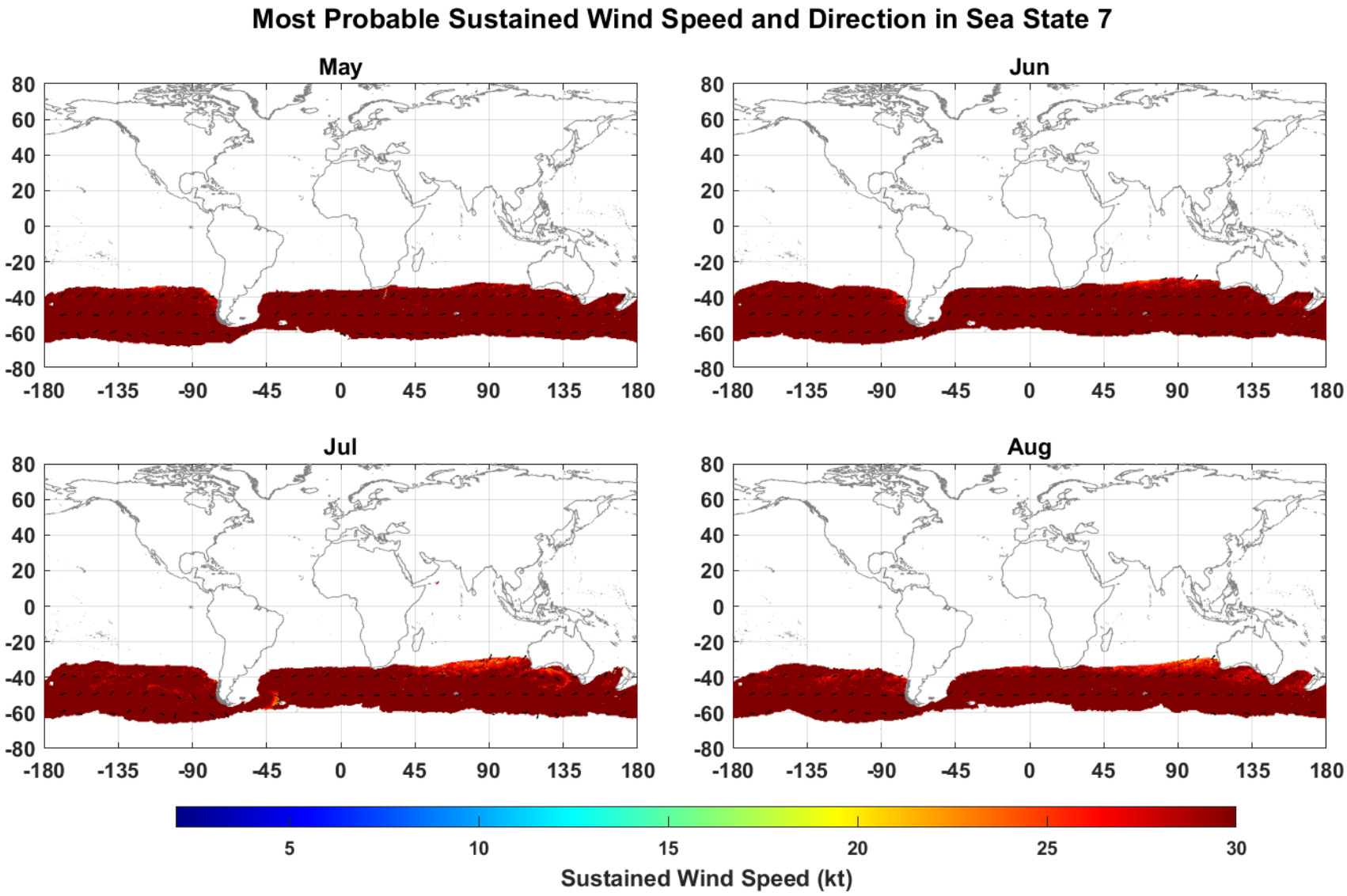


Figure J-24. Monthly Most Probable Wind Speed and Direction in Sea State 7 for May-Aug

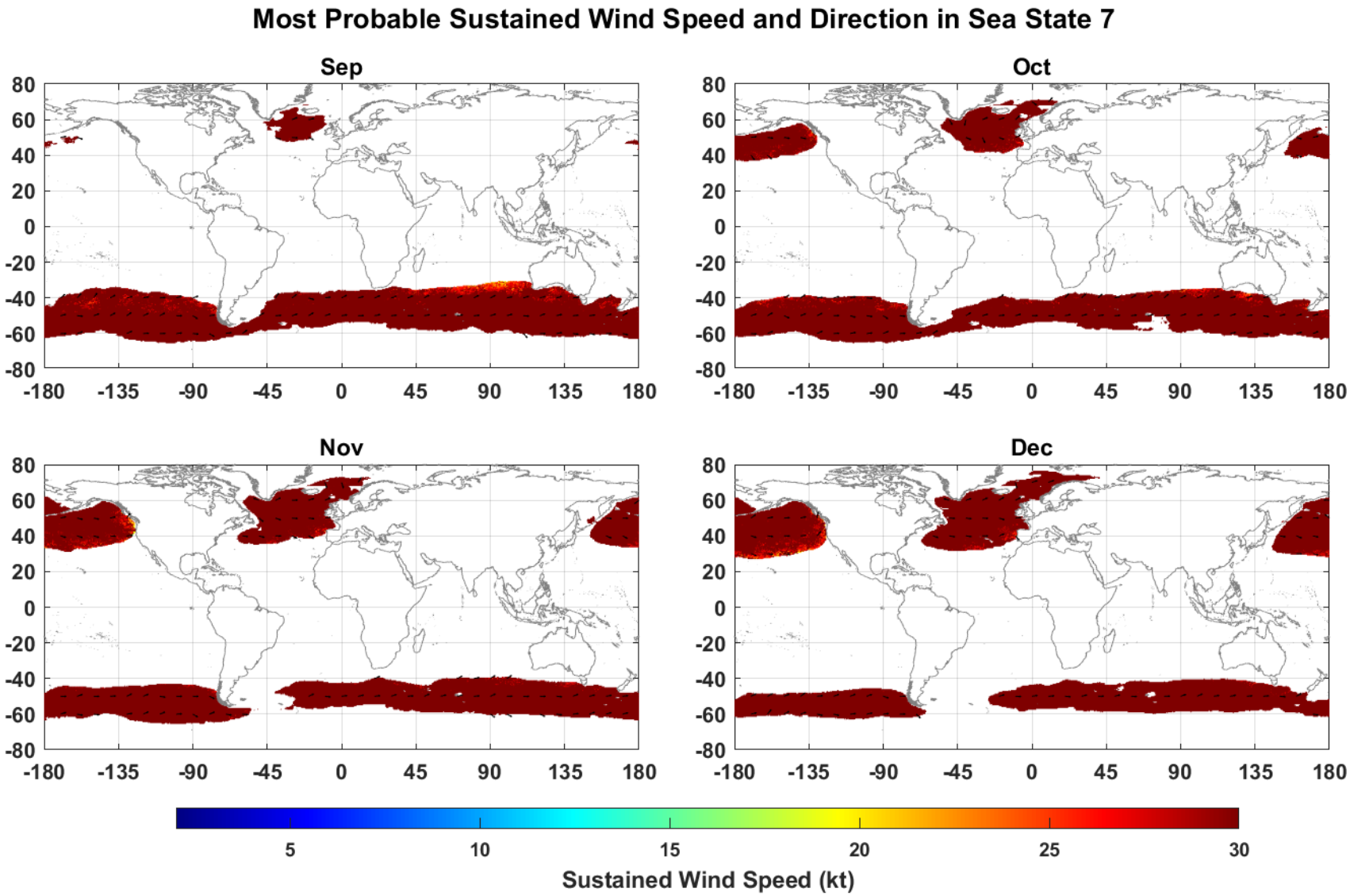


Figure J-25. Monthly Most Probable Wind Speed and Direction in Sea State 7 for Sep-Dec

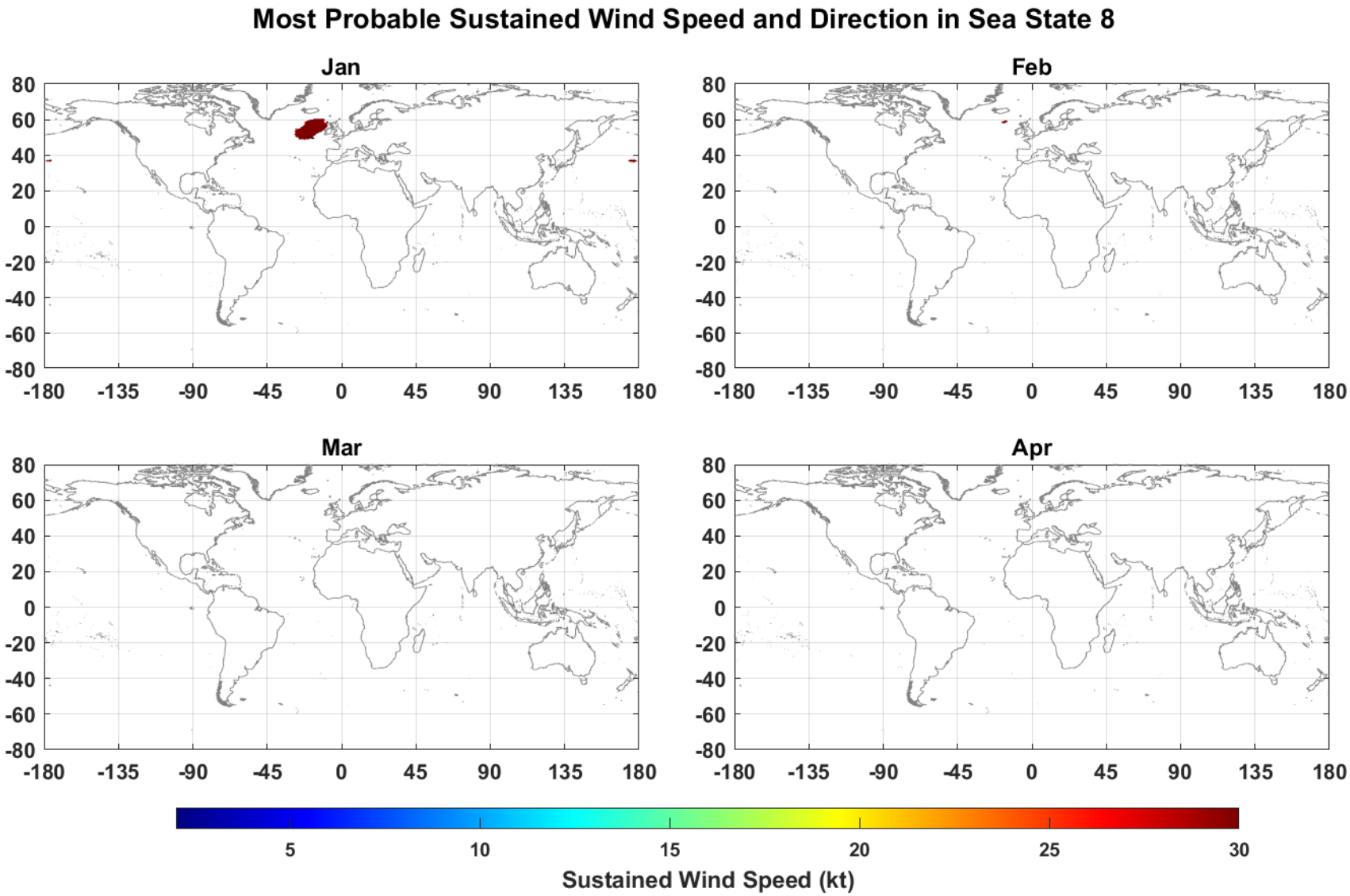


Figure J-26. Monthly Most Probable Wind Speed and Direction in Sea State 8 for Jan-Apr

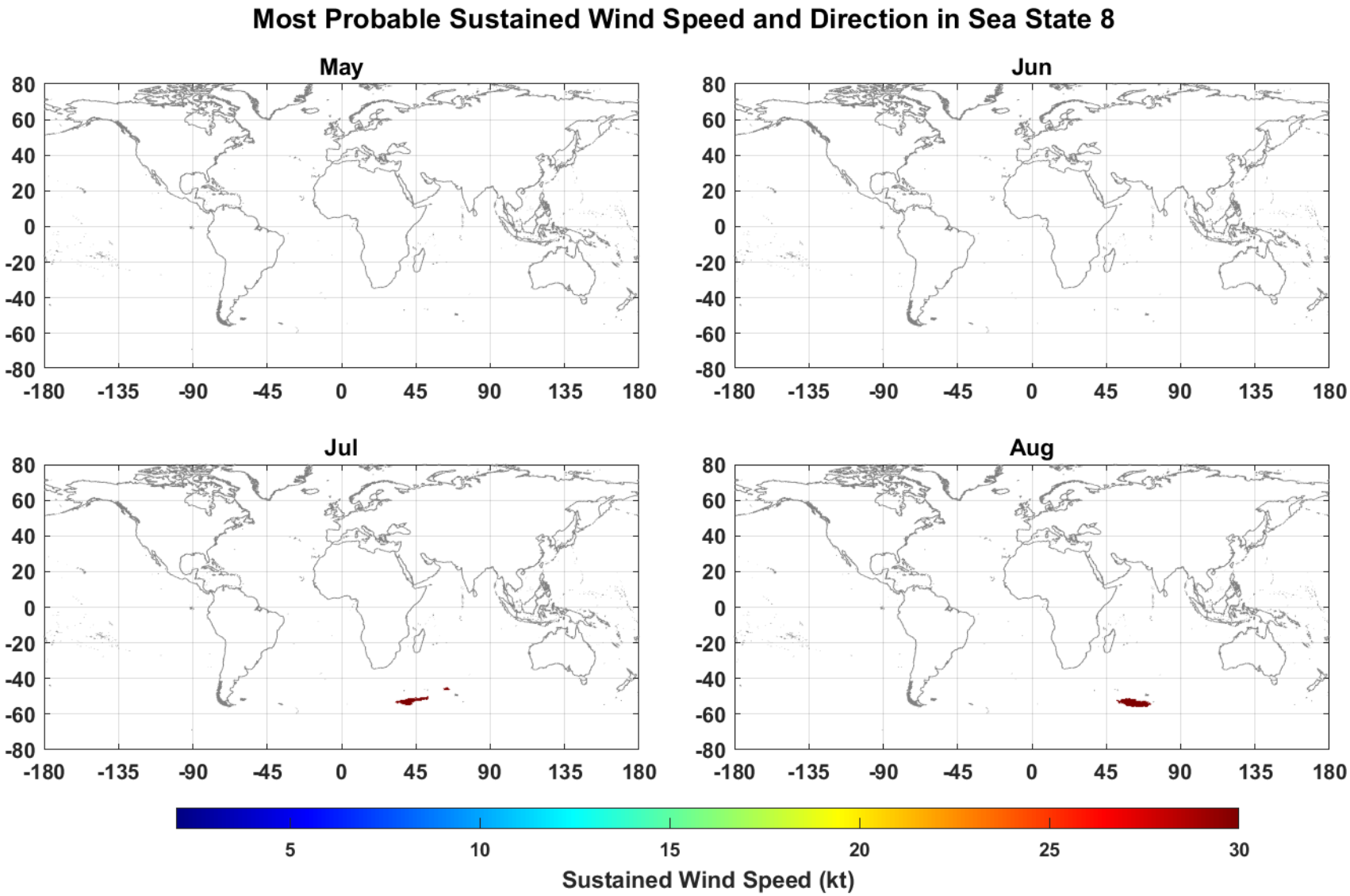


Figure J-27. Monthly Most Probable Wind Speed and Direction in Sea State 8 for May-Aug

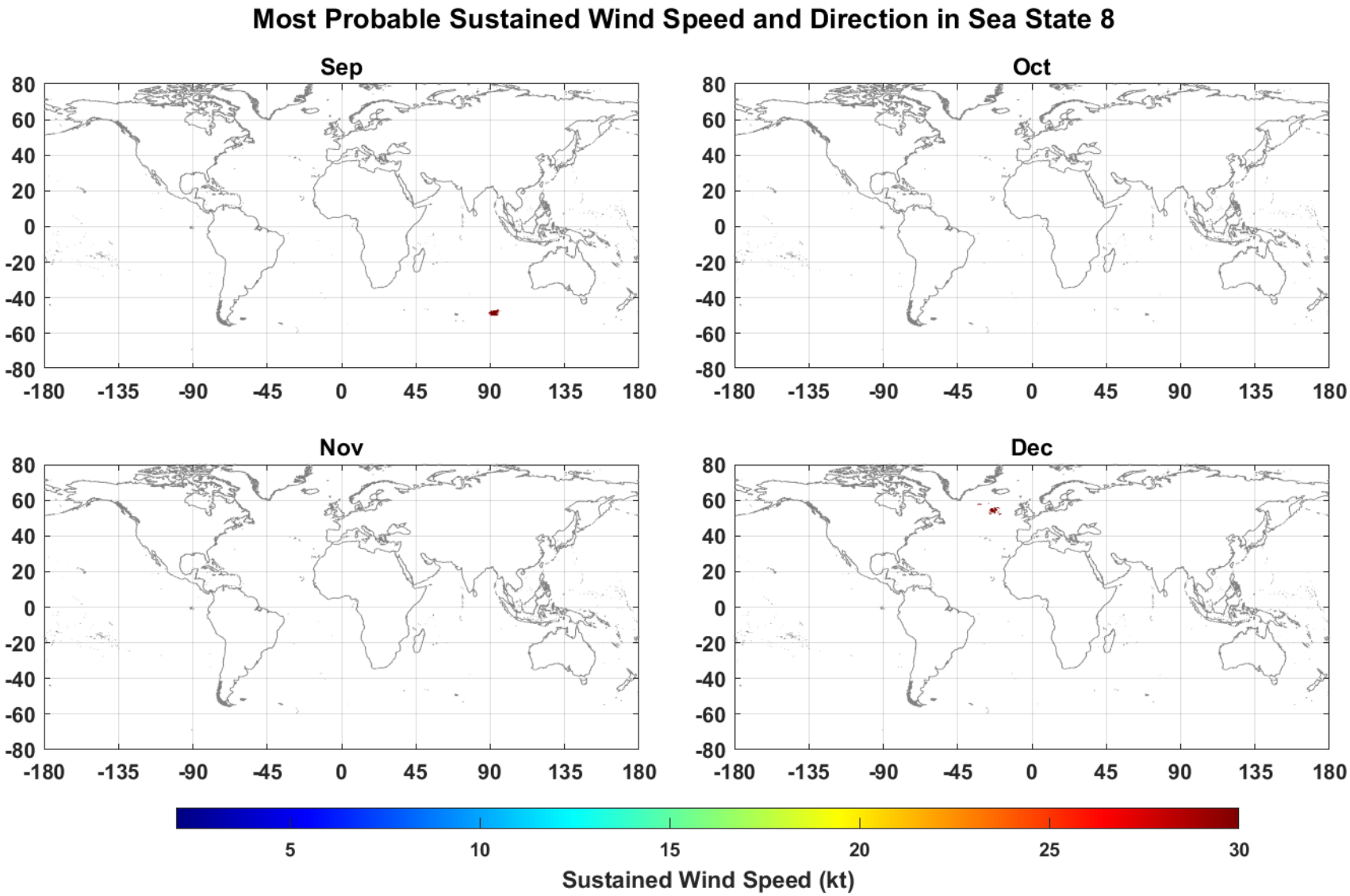


Figure J-28. Monthly Most Probable Wind Speed and Direction in Sea State 8 for Sep-Dec

APPENDIX K: Upper and Lower Limit Sea State Probability

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Figure K-31. Monthly Probability of Occurrence of Sea State 6 or Higher for May-Aug K-33
Figure K-32. Monthly Probability of Occurrence of Sea State 6 or Higher for Sep-Dec K-34

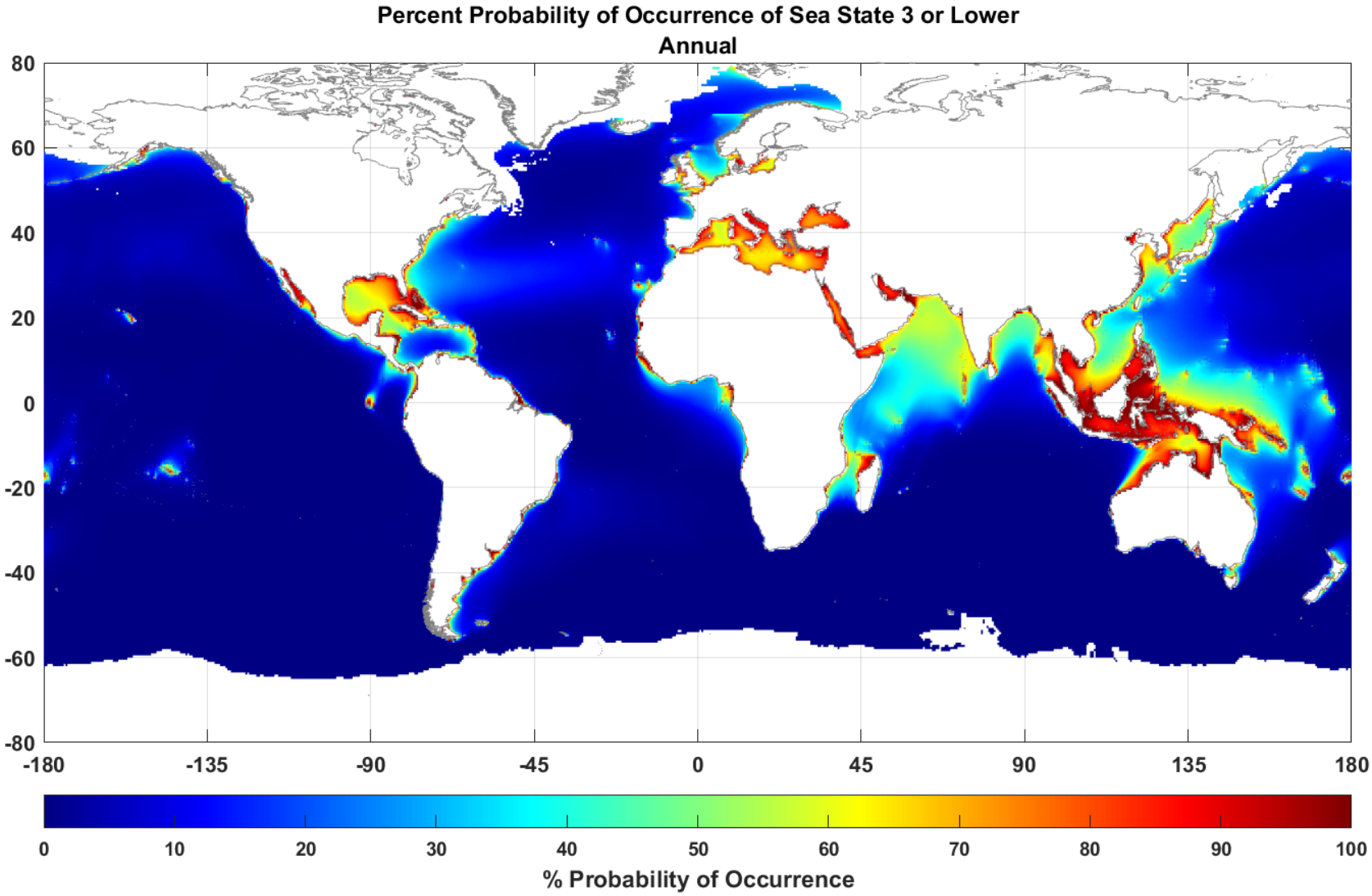


Figure K-1. Annual Probability of Occurrence of Sea State 3 or Lower

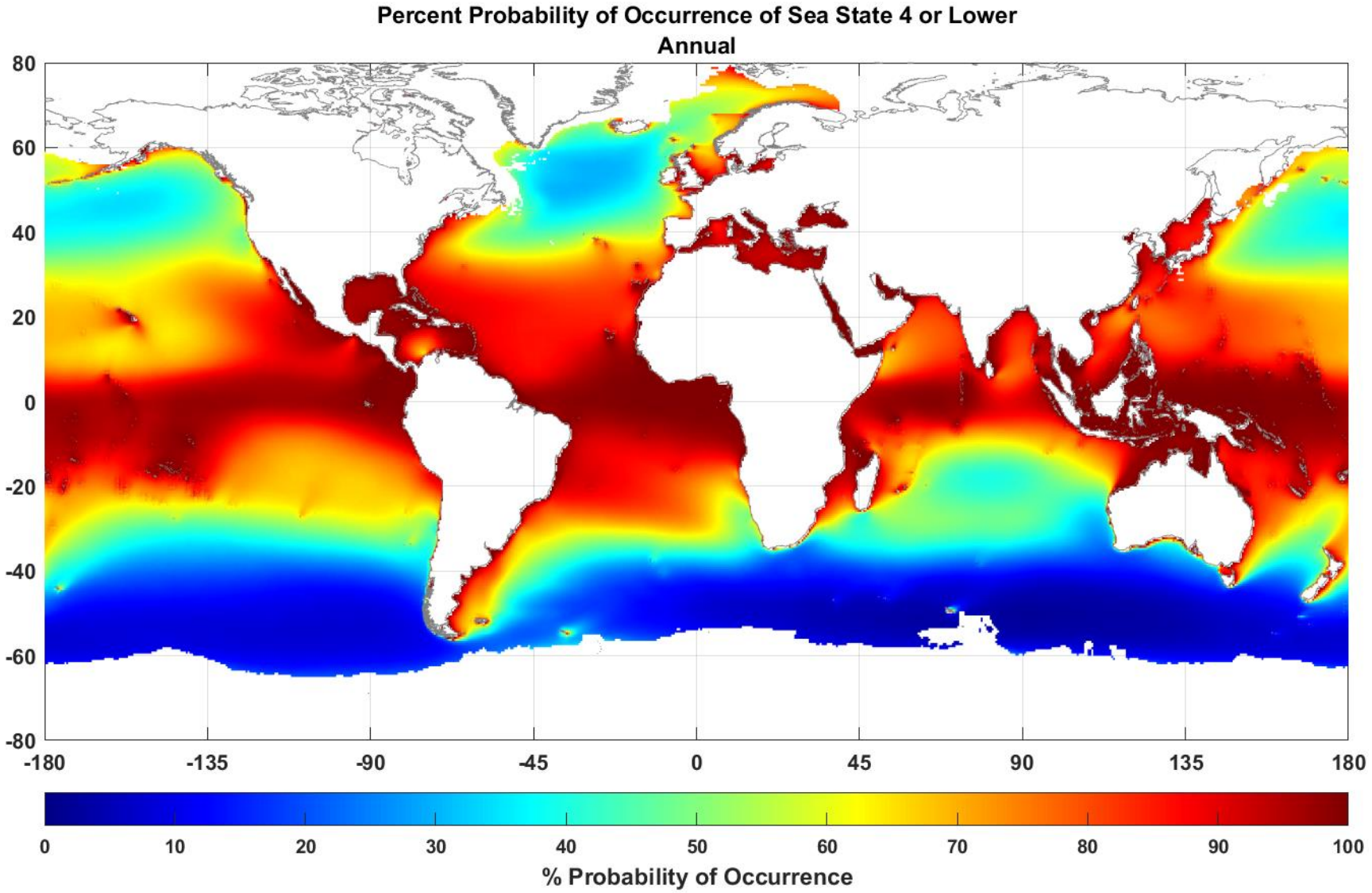


Figure K-2. Annual Probability of Occurrence of Sea State 4 or Lower

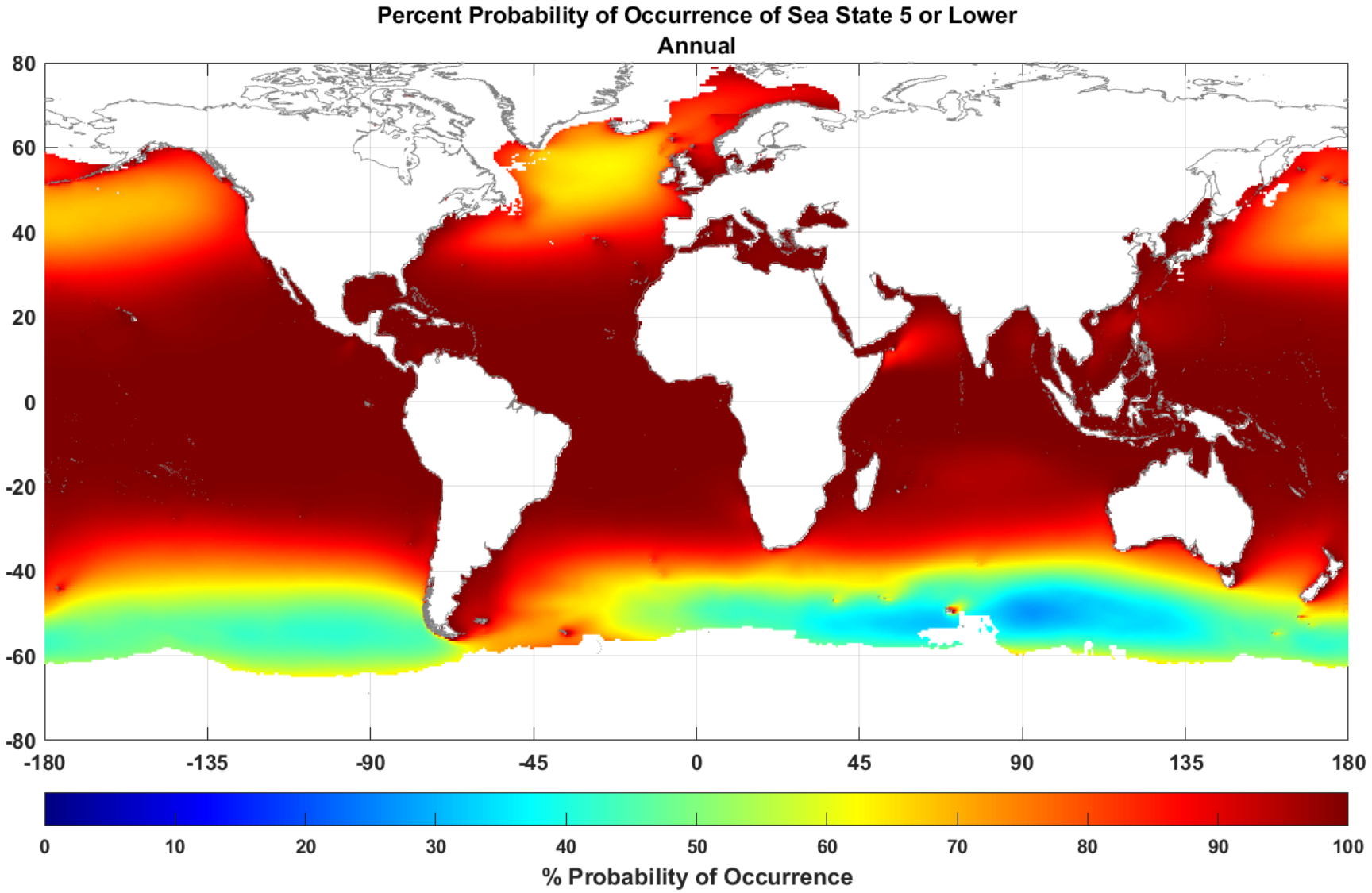


Figure K-3. Annual Probability of Occurrence of Sea State 5 or Lower

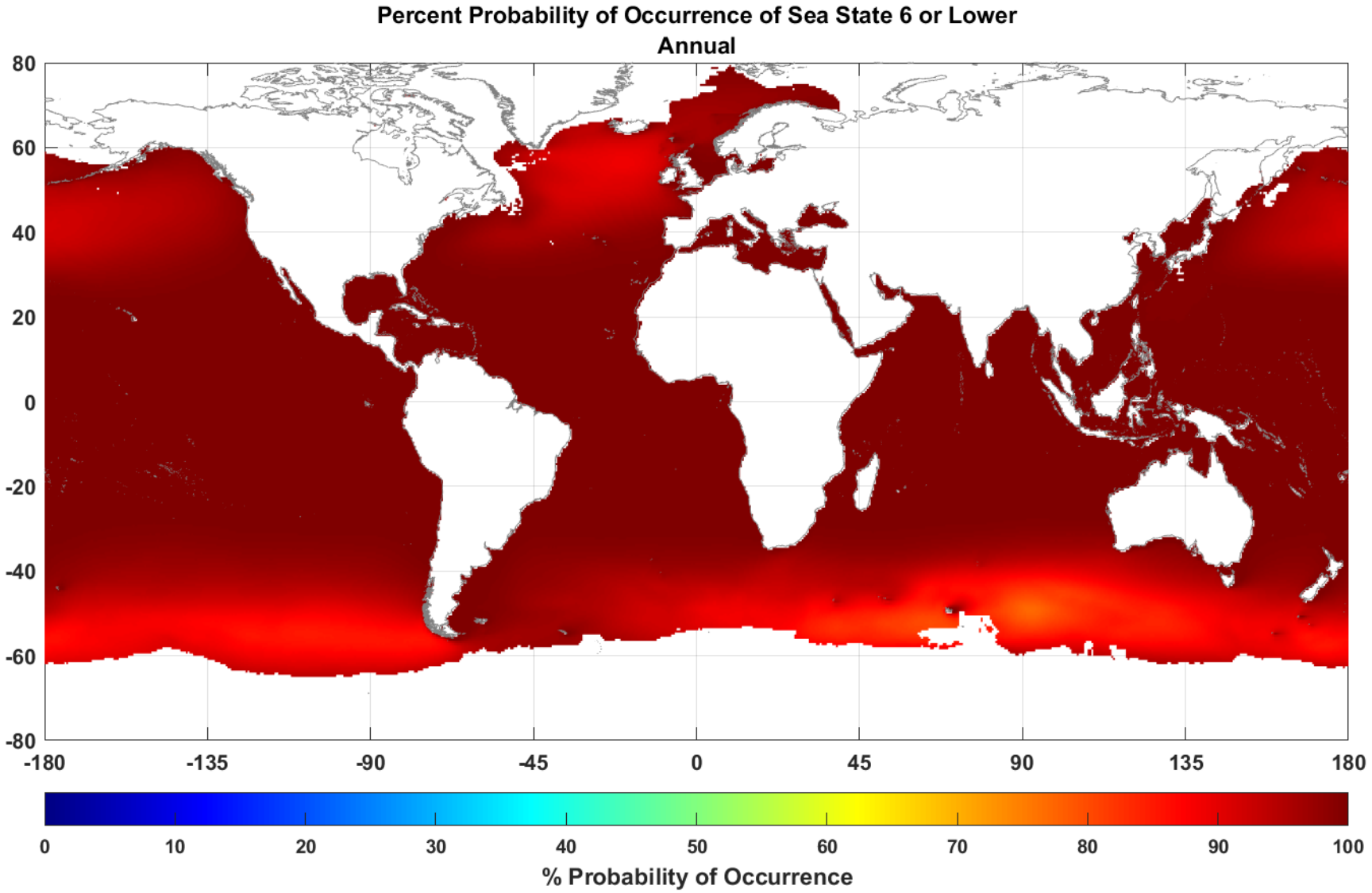


Figure K-4. Annual Probability of Occurrence of Sea State 6 or Lower

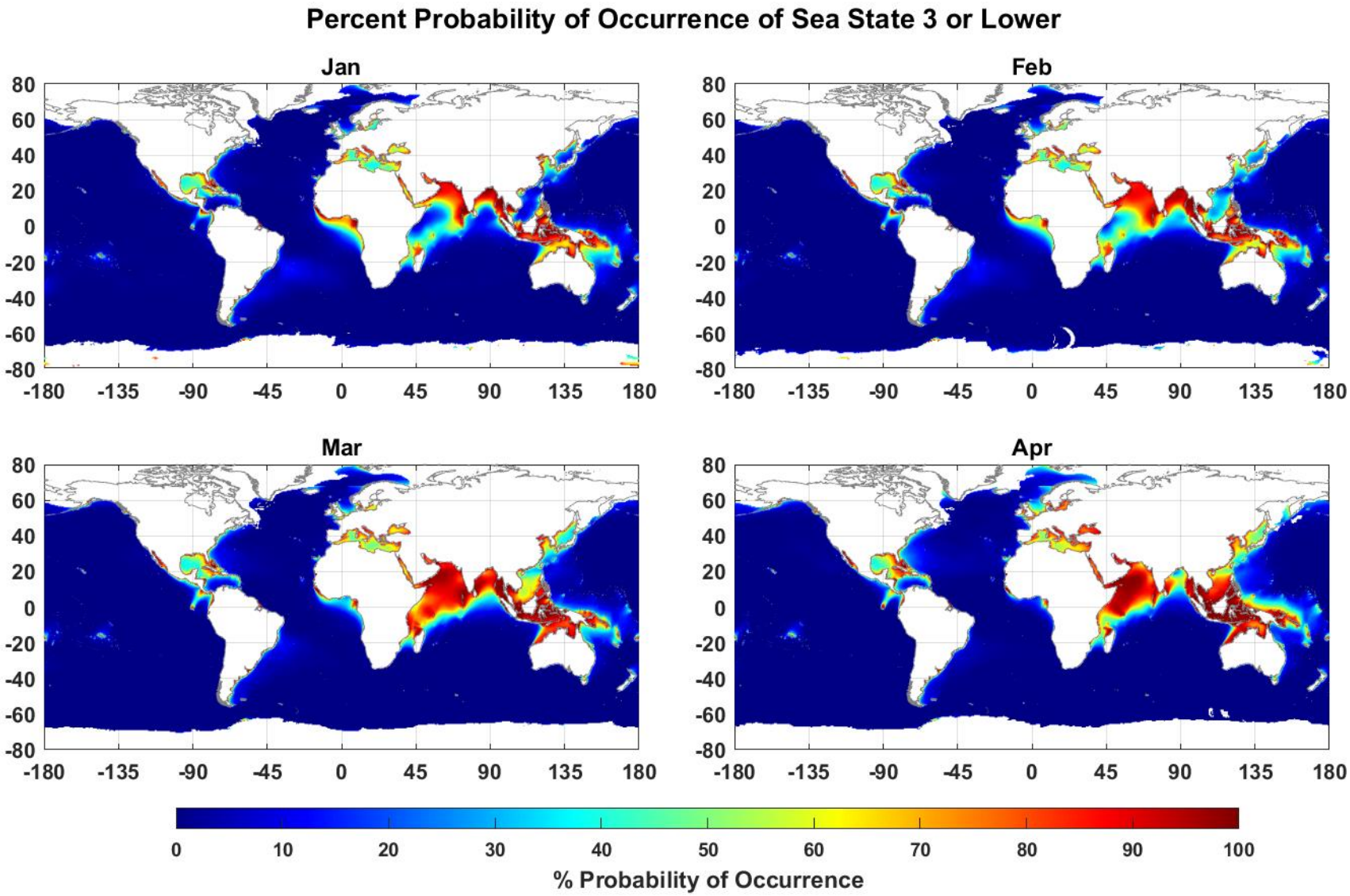


Figure K-5. Monthly Probability of Occurrence of Sea State 3 or Lower for Jan-Apr

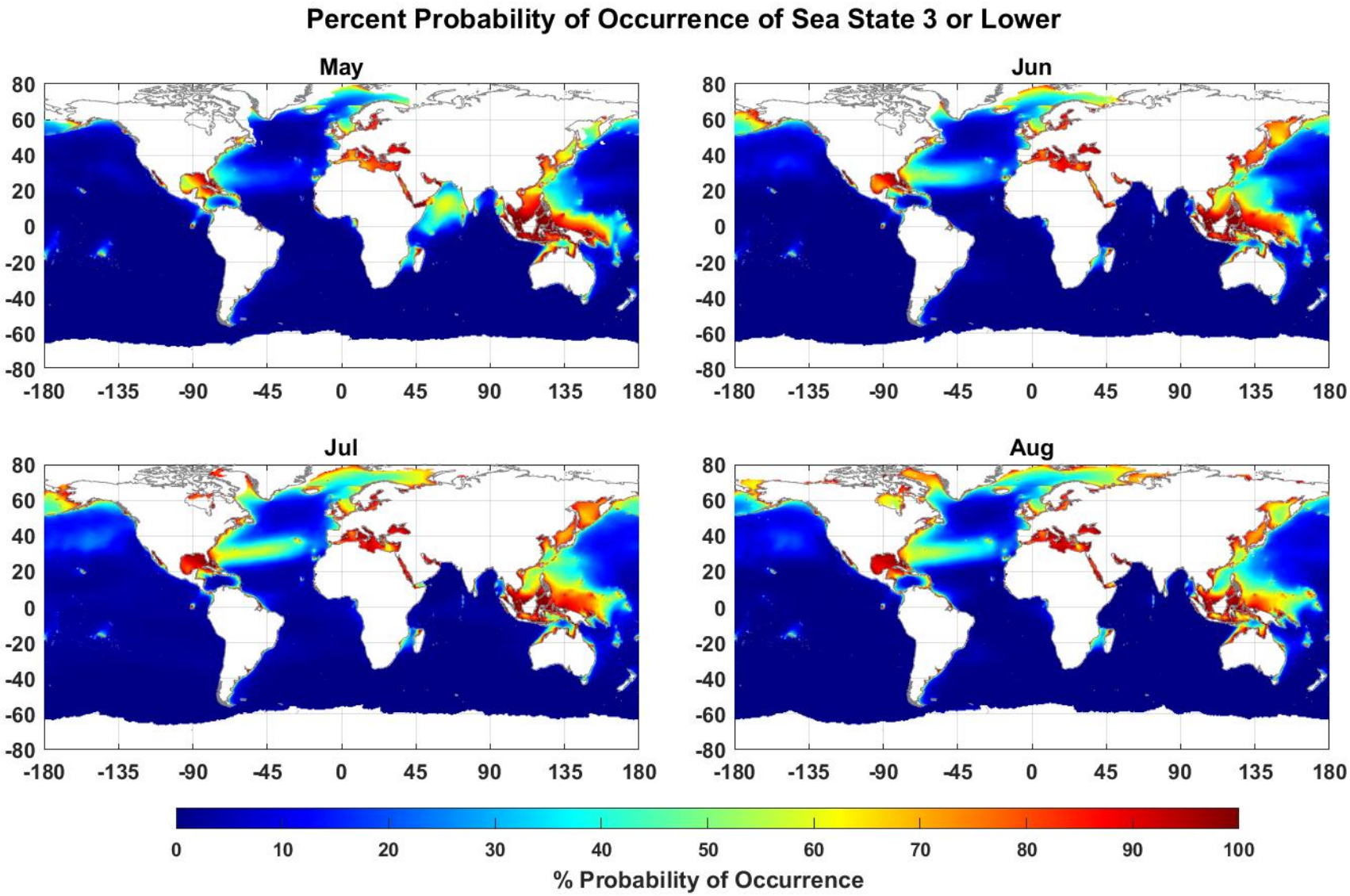


Figure K-6. Monthly Probability of Occurrence of Sea State 3 or Lower for May-Aug

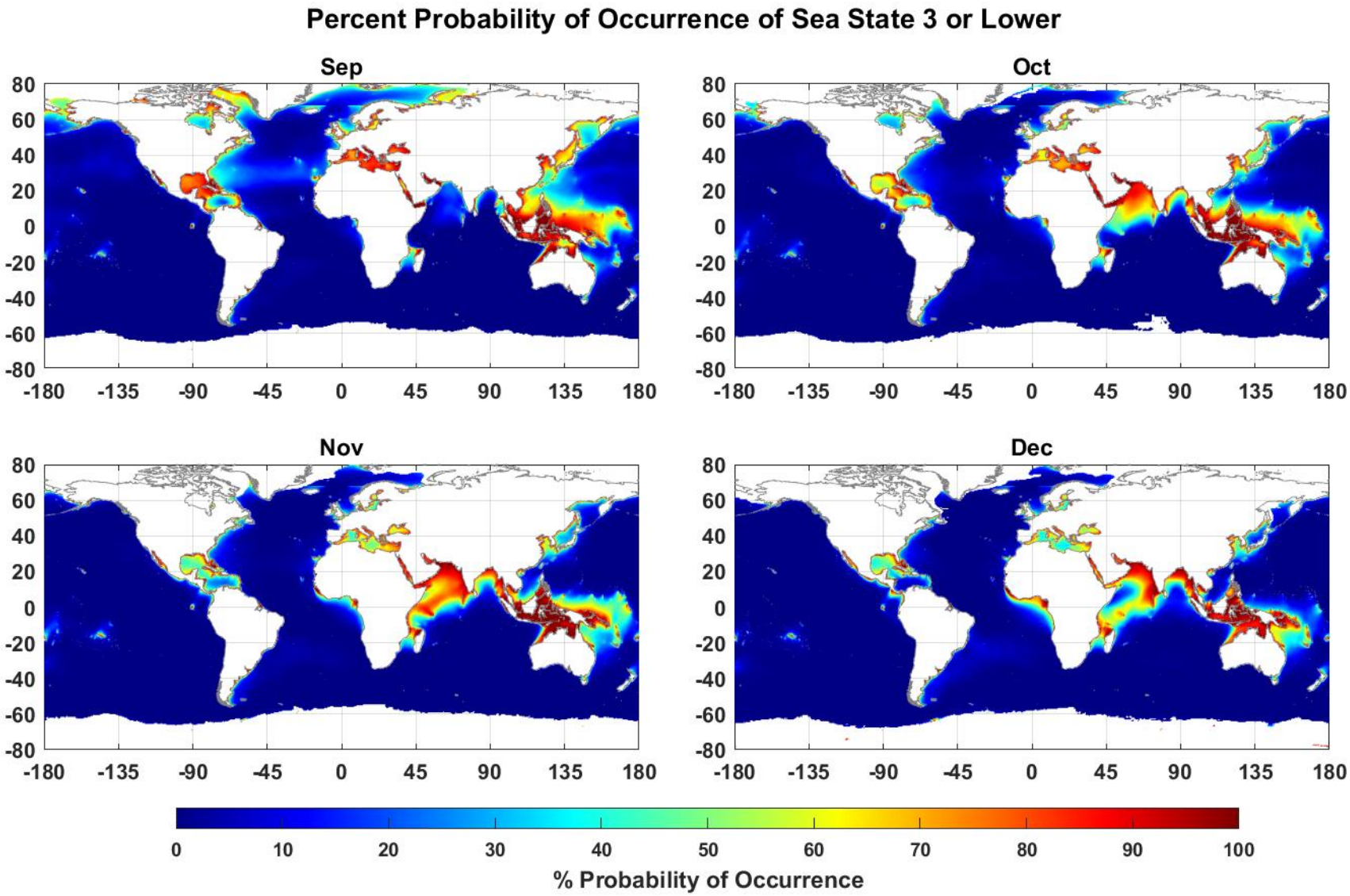


Figure K-7. Monthly Probability of Occurrence of Sea State 3 or Lower for Sep-Dec

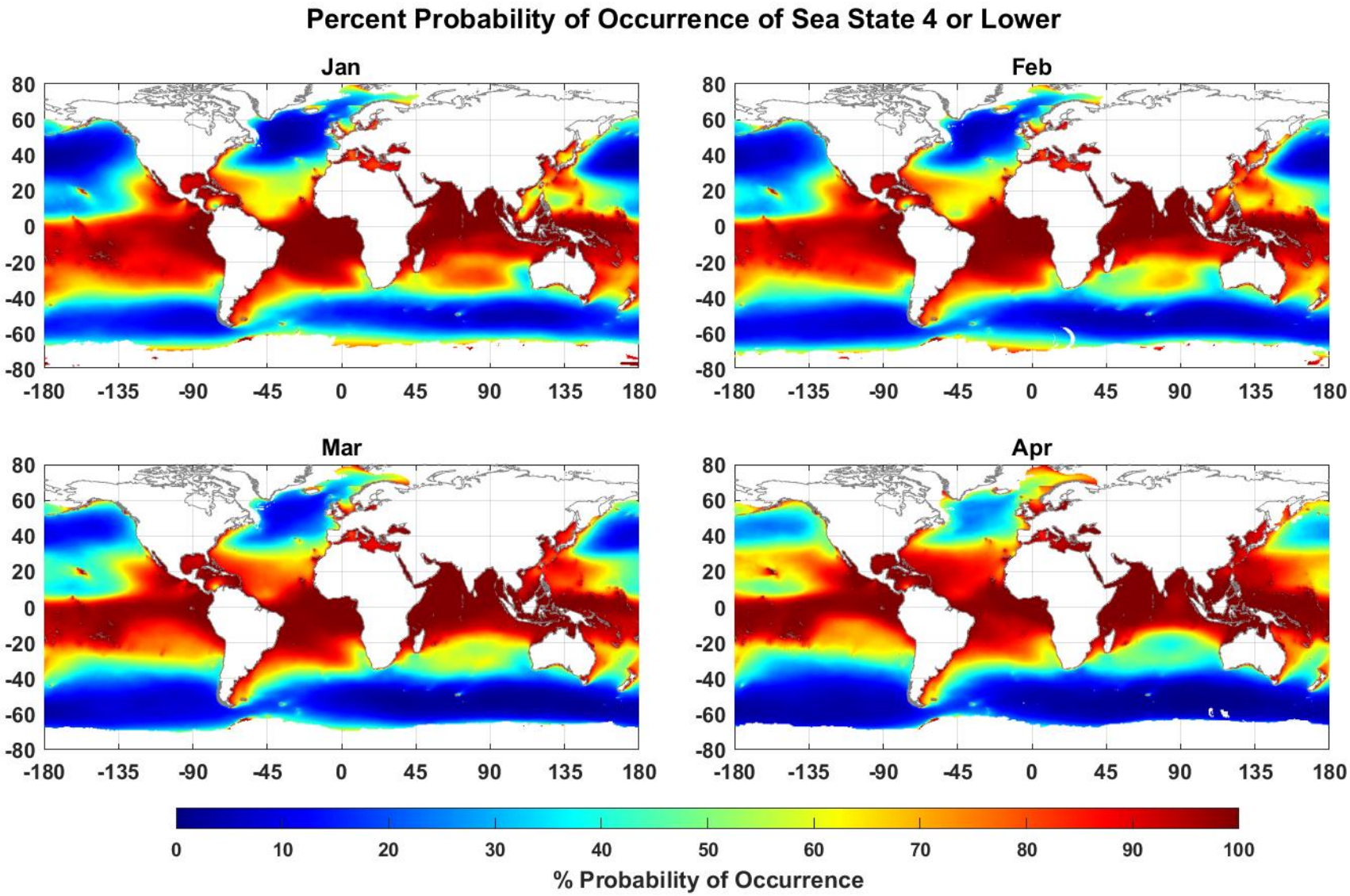


Figure K-8. Monthly Probability of Occurrence of Sea State 4 or Lower for Jan-Apr

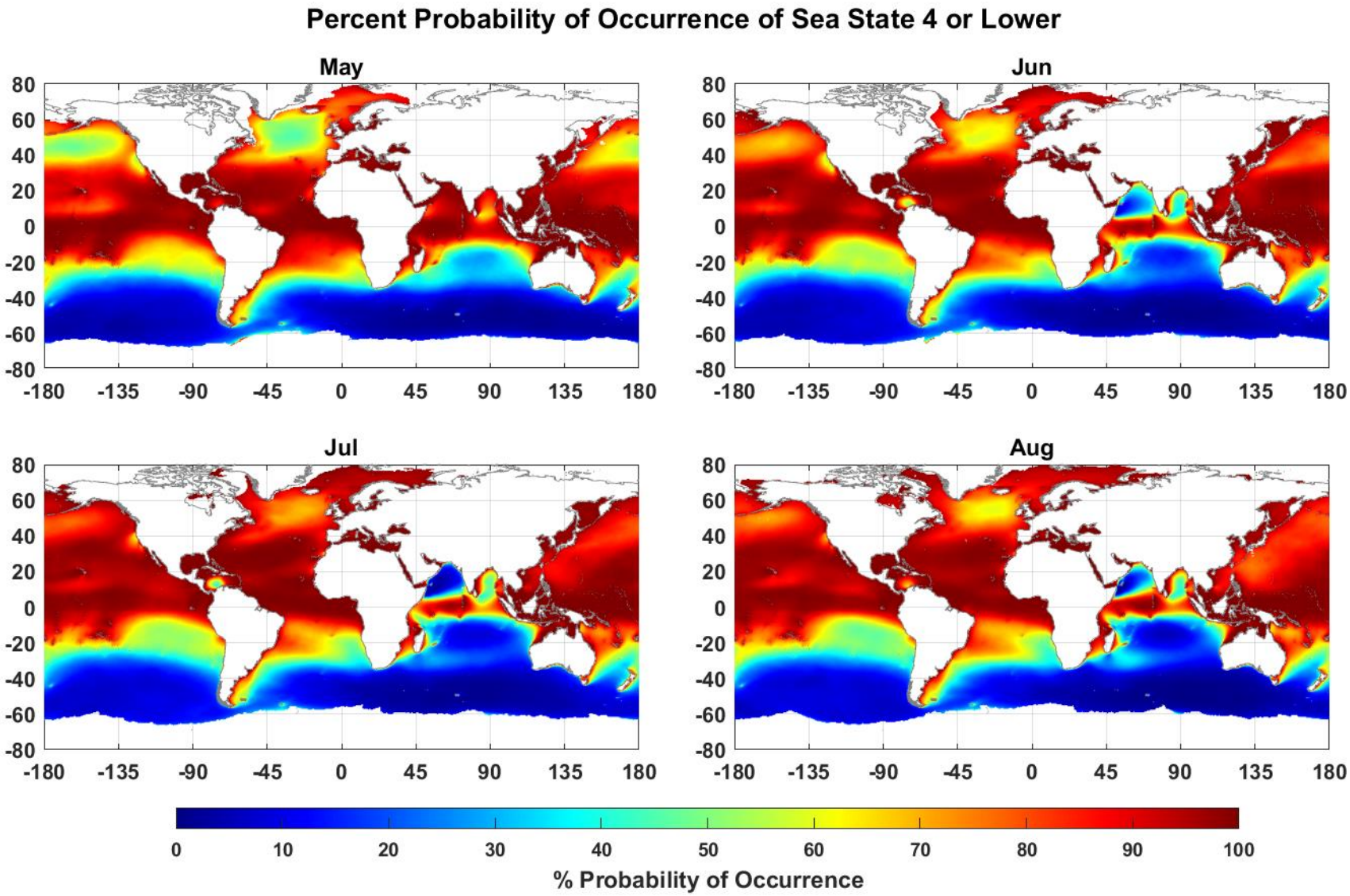


Figure K-9. Monthly Probability of Occurrence of Sea State 4 or Lower for May-Aug

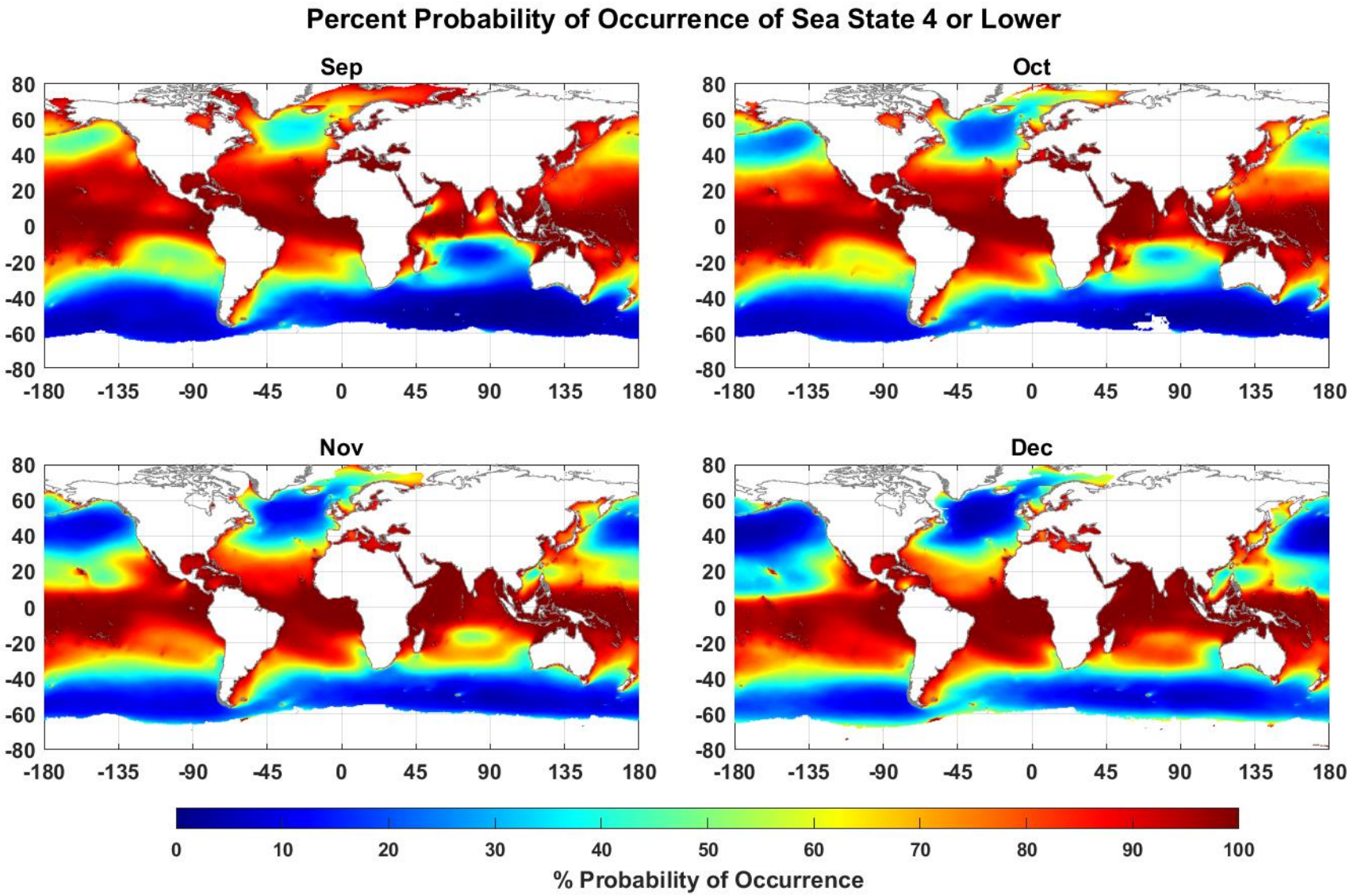


Figure K-10. Monthly Probability of Occurrence of Sea State 4 or Lower for Sep-Dec

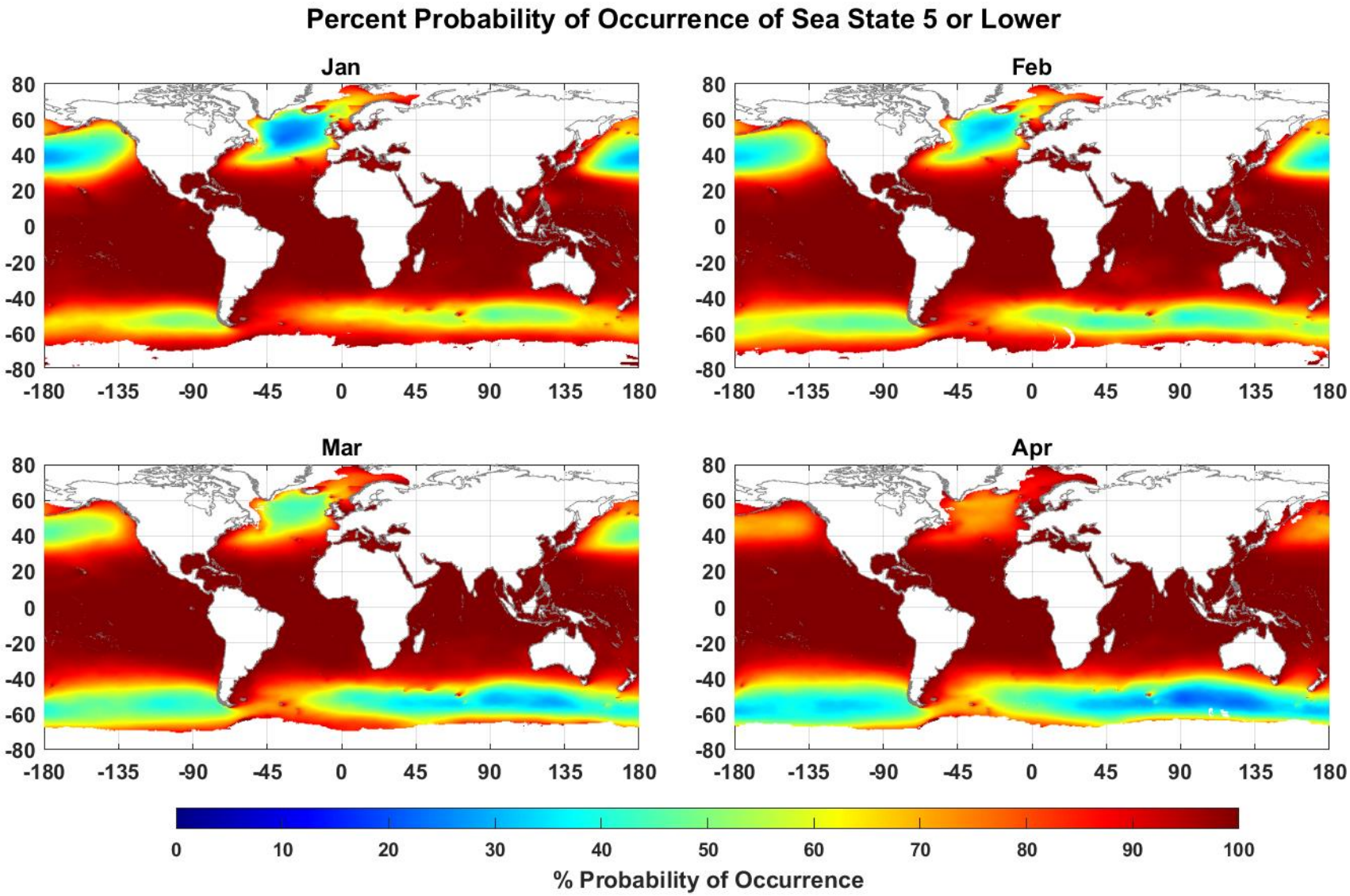


Figure K-11. Monthly Probability of Occurrence of Sea State 5 or Lower for Jan-Apr

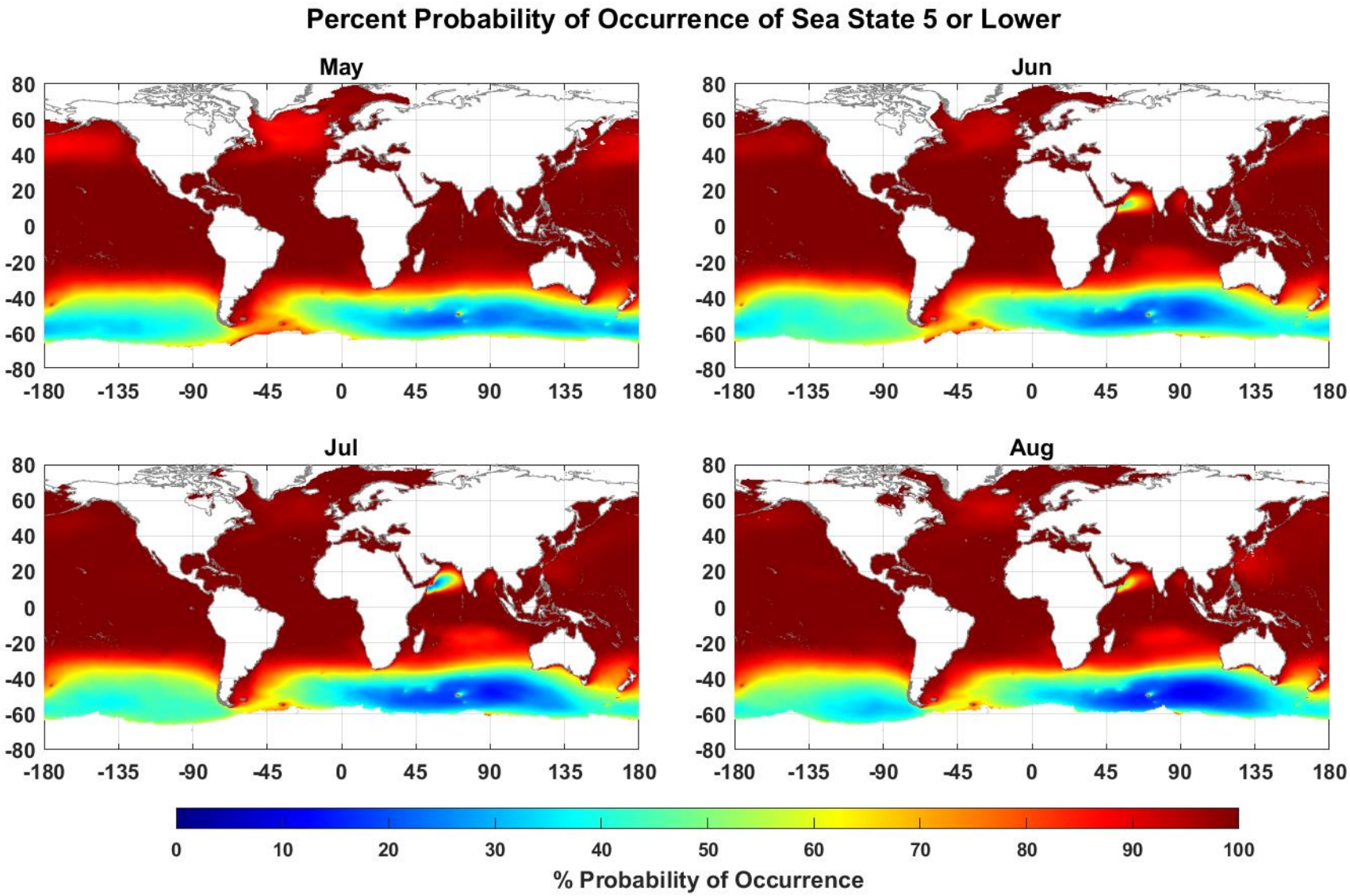


Figure K-12. Monthly Probability of Occurrence of Sea State 5 or Lower for May-Aug

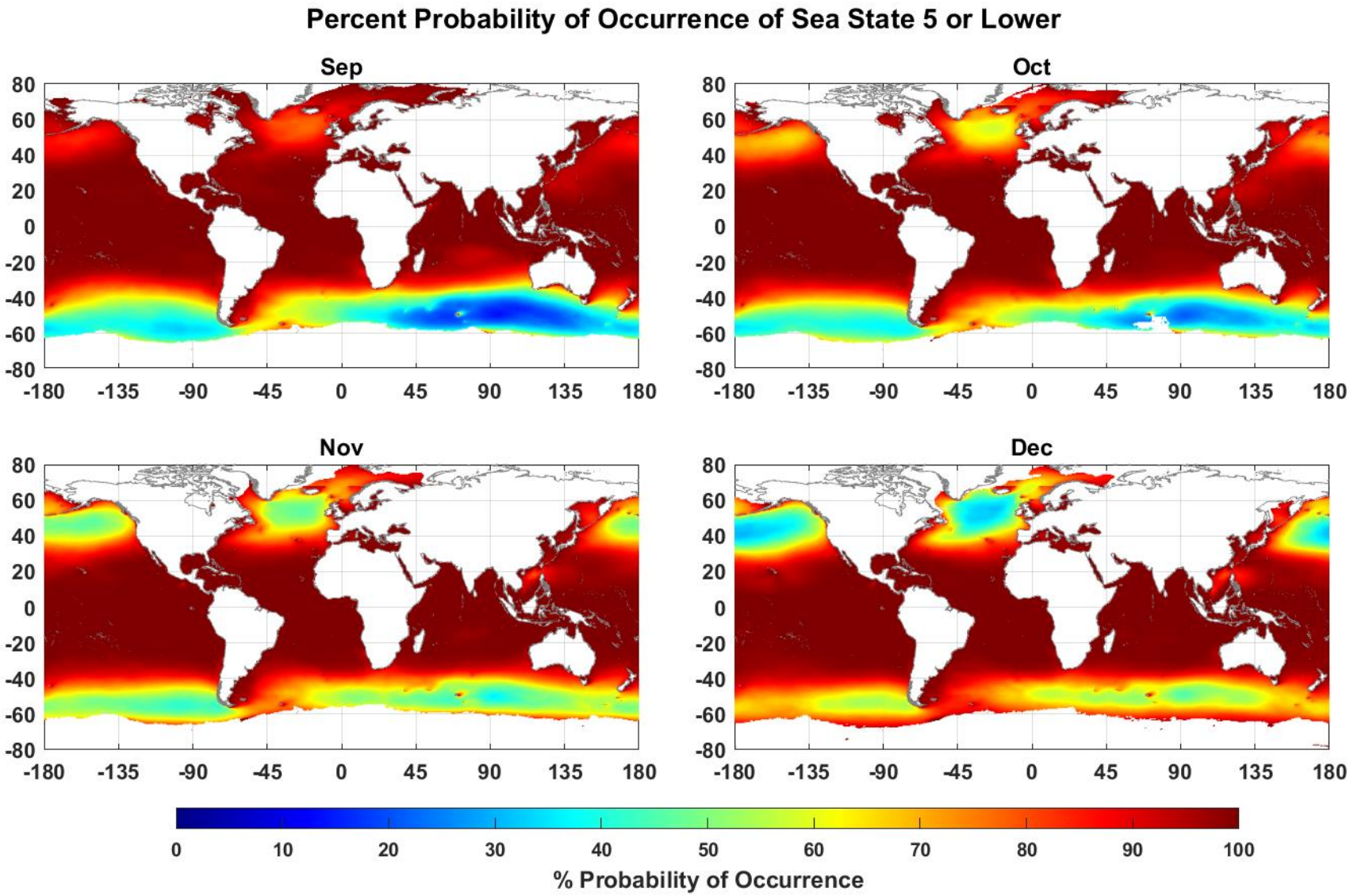


Figure K-13. Monthly Probability of Occurrence of Sea State 5 or Lower for Sep-Dec

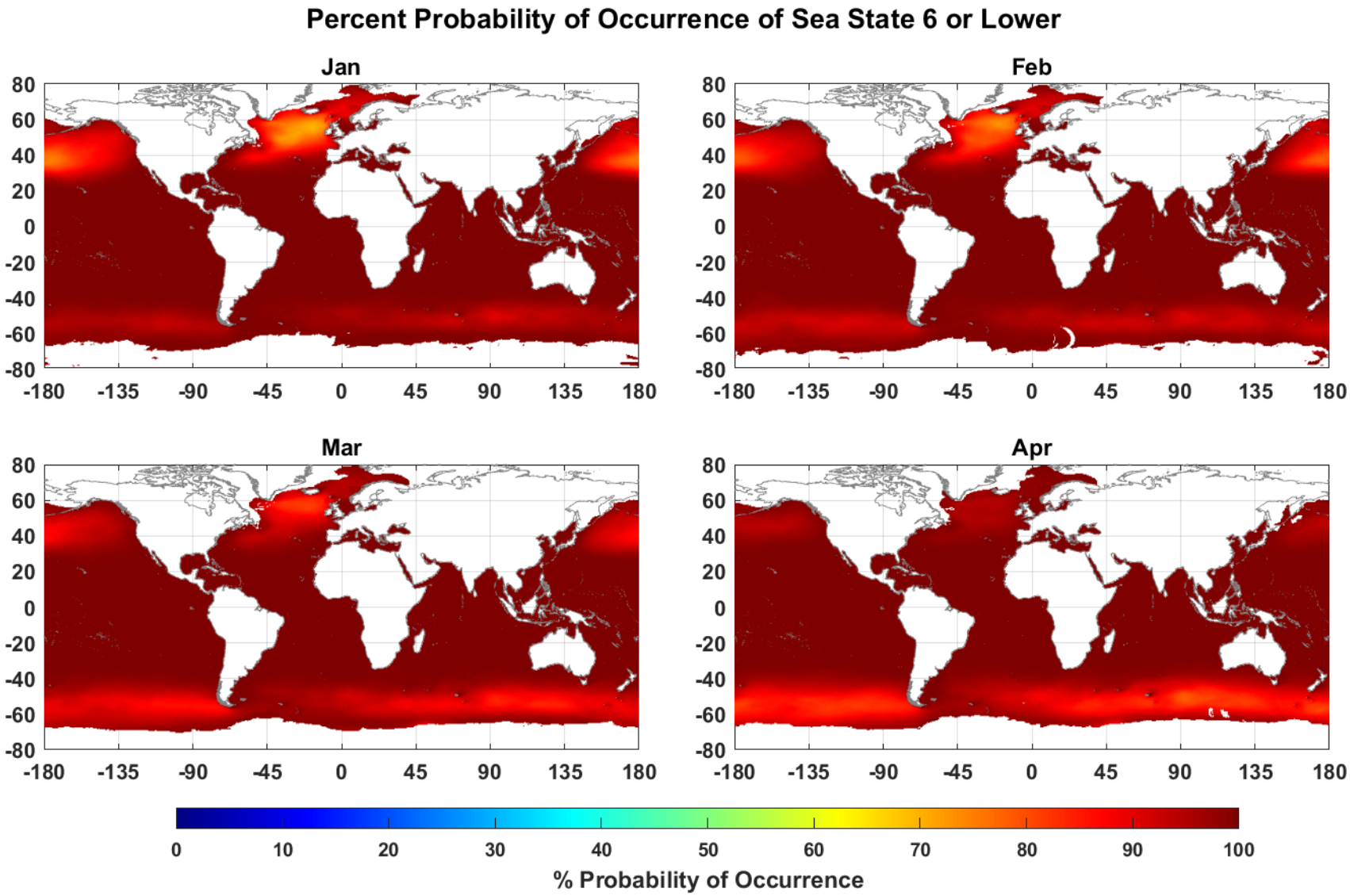


Figure K-14. Monthly Probability of Occurrence of Sea State 6 or Lower for Jan-Apr

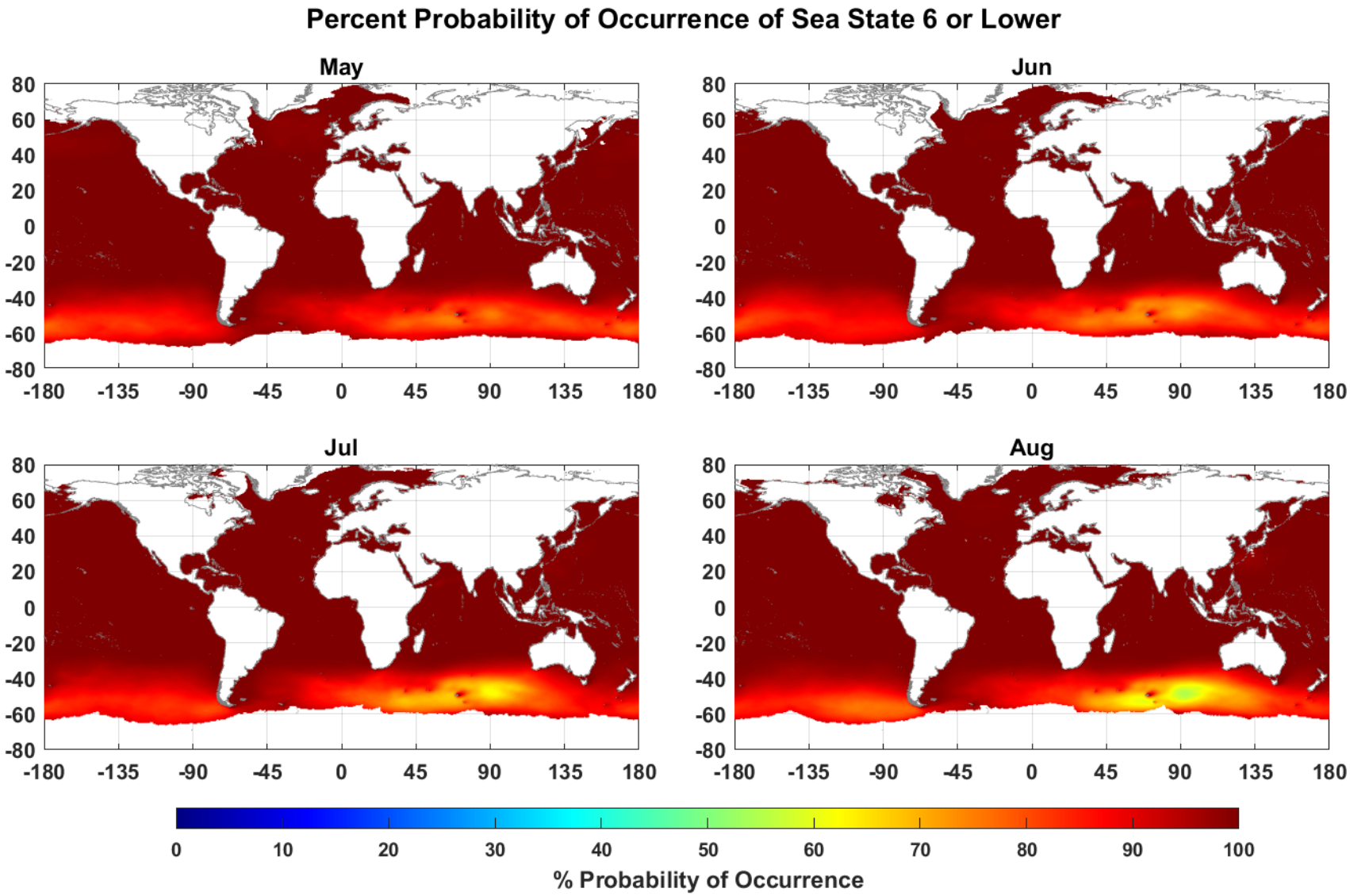


Figure K-15. Monthly Probability of Occurrence of Sea State 6 or Lower for May-Aug

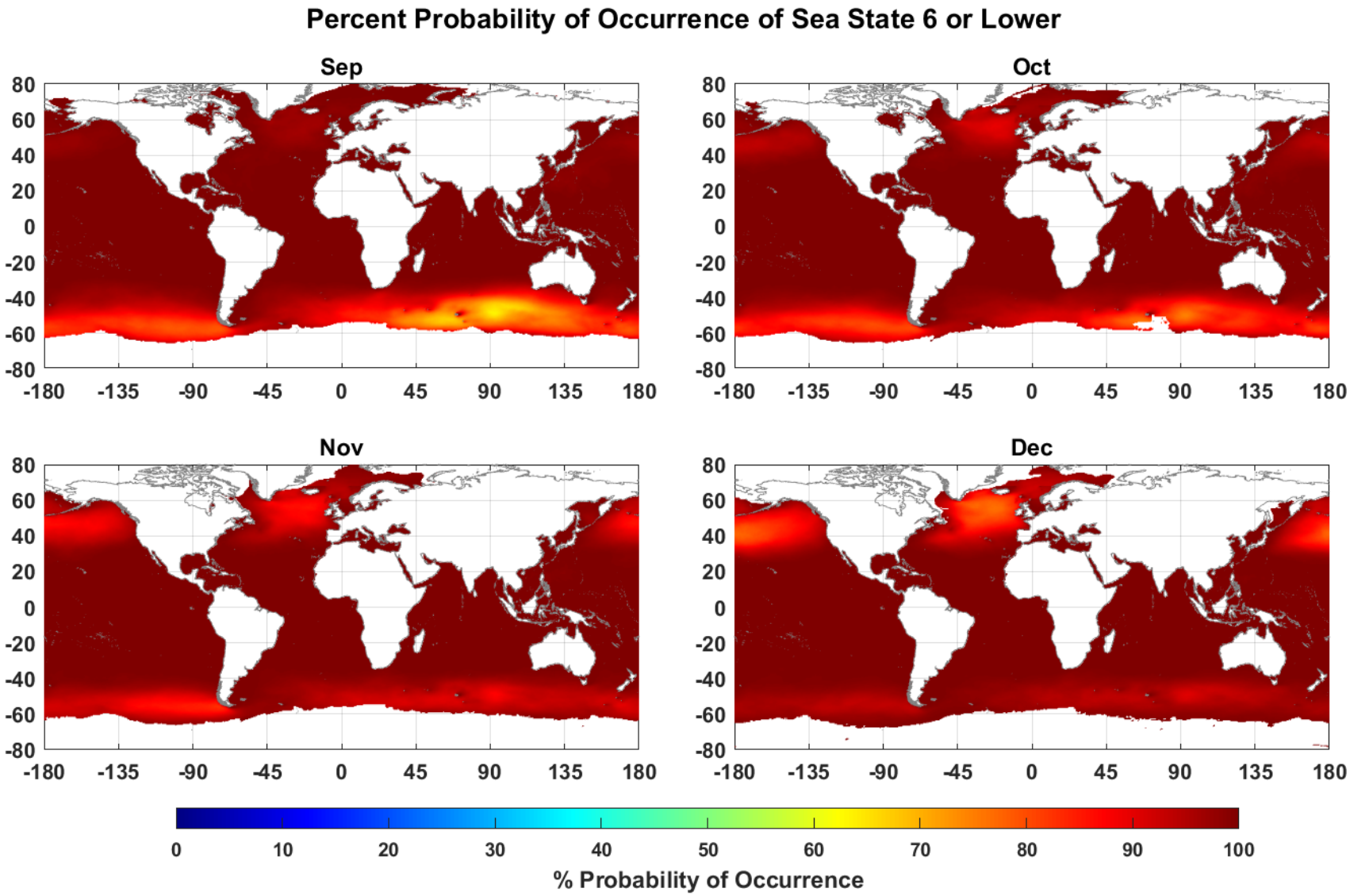


Figure K-16. Monthly Probability of Occurrence of Sea State 6 or Lower for Sep-Dec

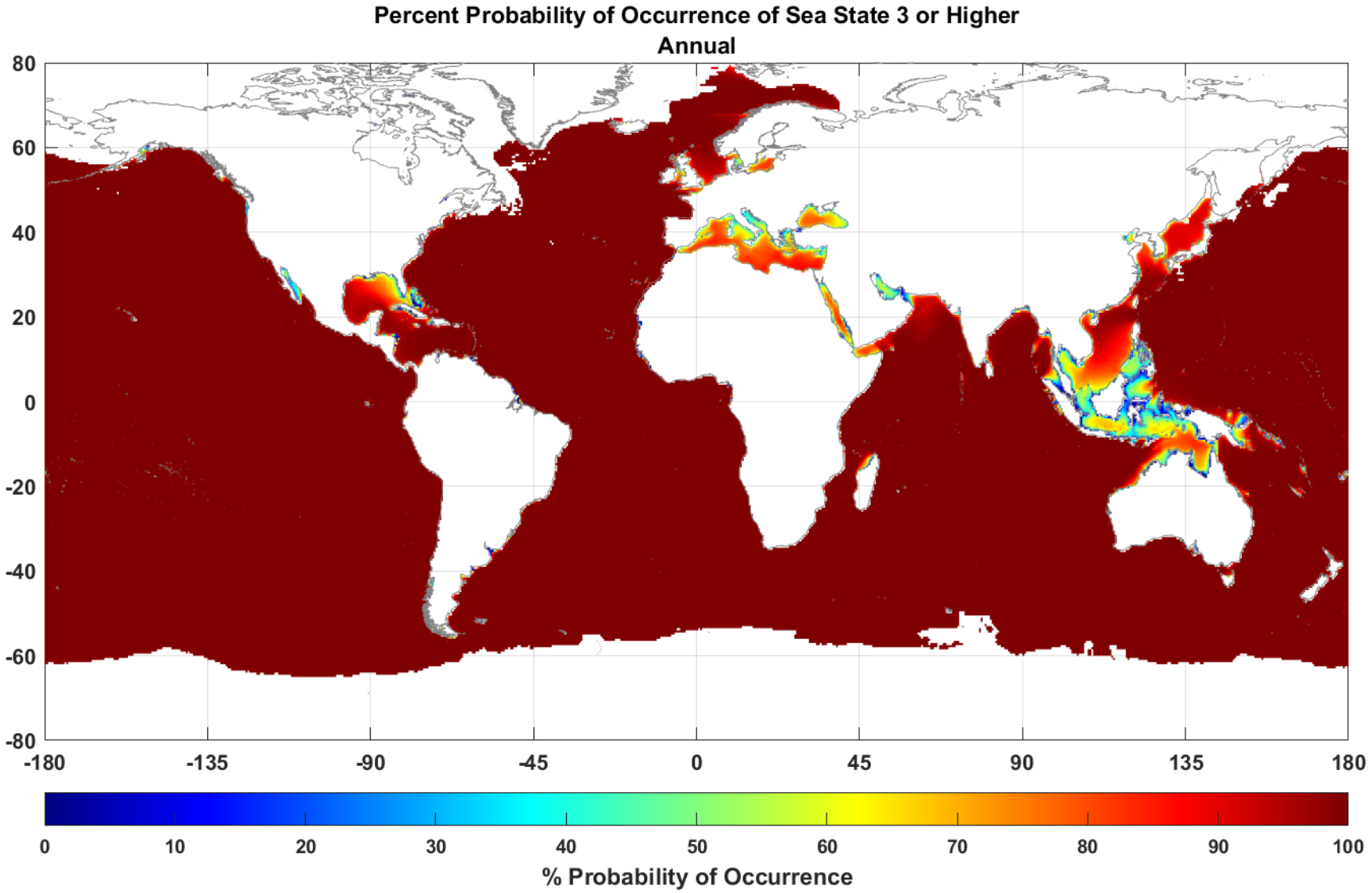


Figure K-17. Annual Probability of Occurrence of Sea State 3 or Higher

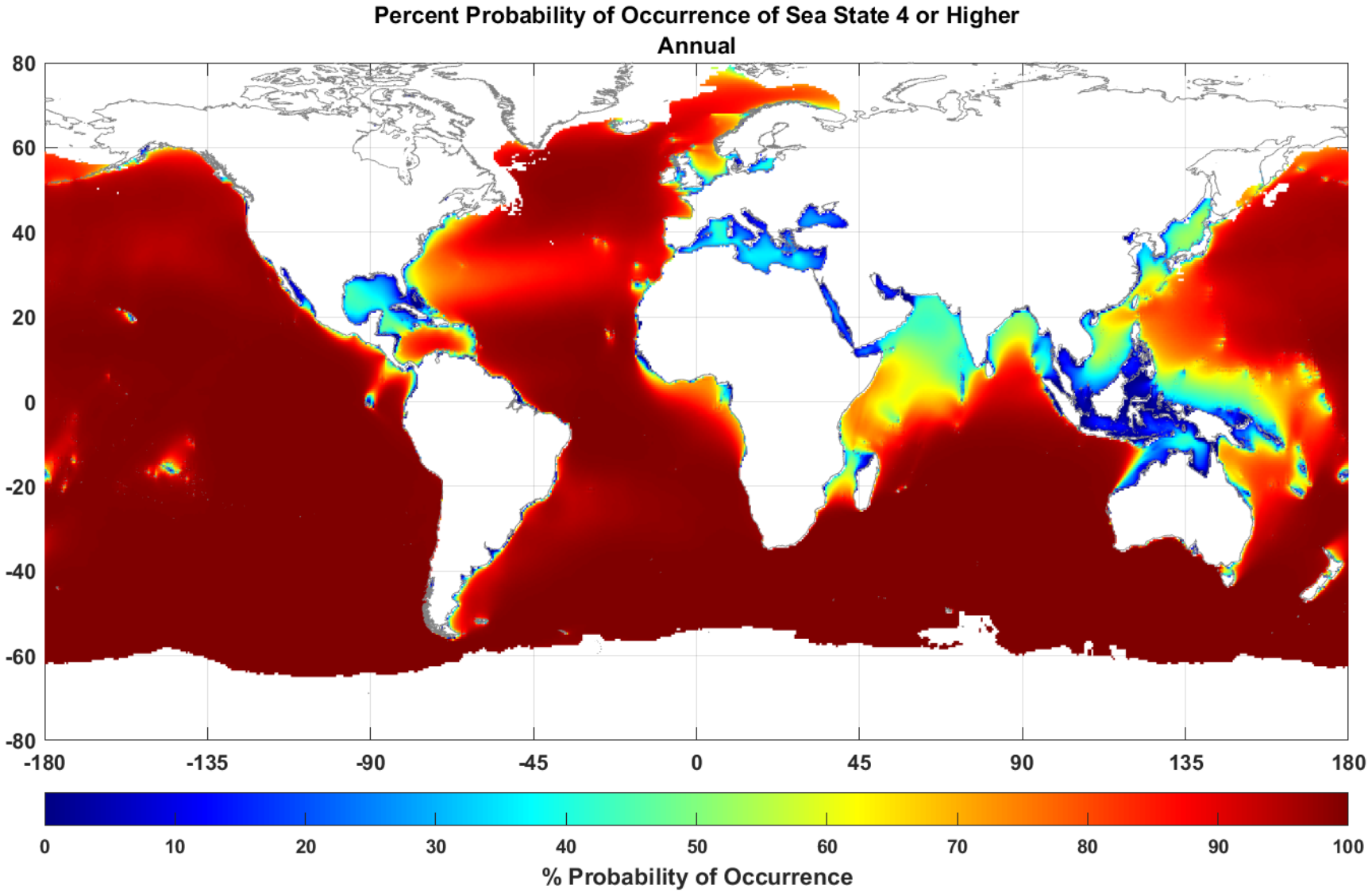


Figure K-18. Annual Probability of Occurrence of Sea State 4 or Higher

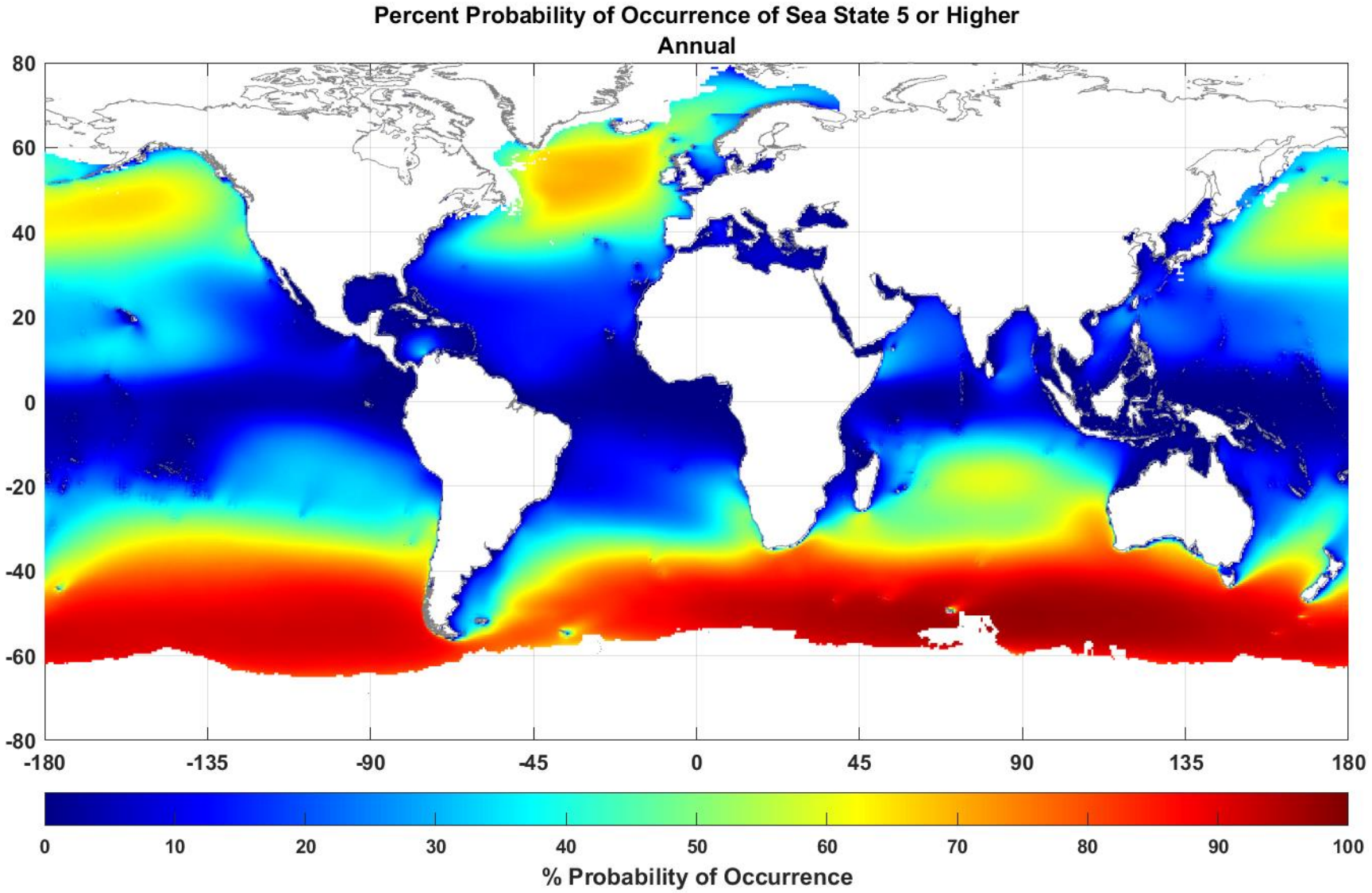


Figure K-19. Annual Probability of Occurrence of Sea State 5 or Higher

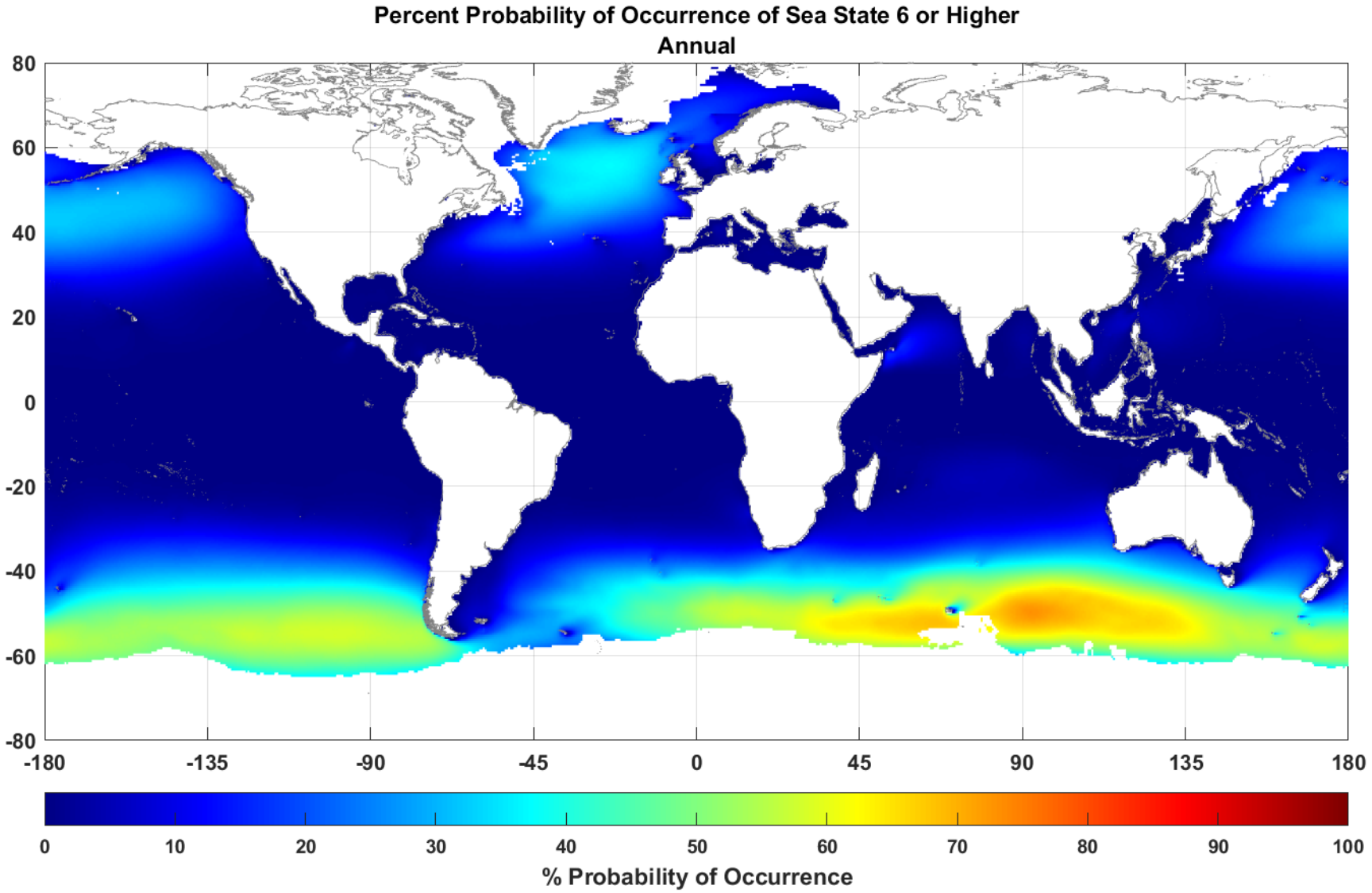


Figure K-20. Annual Probability of Occurrence of Sea State 6 or Higher

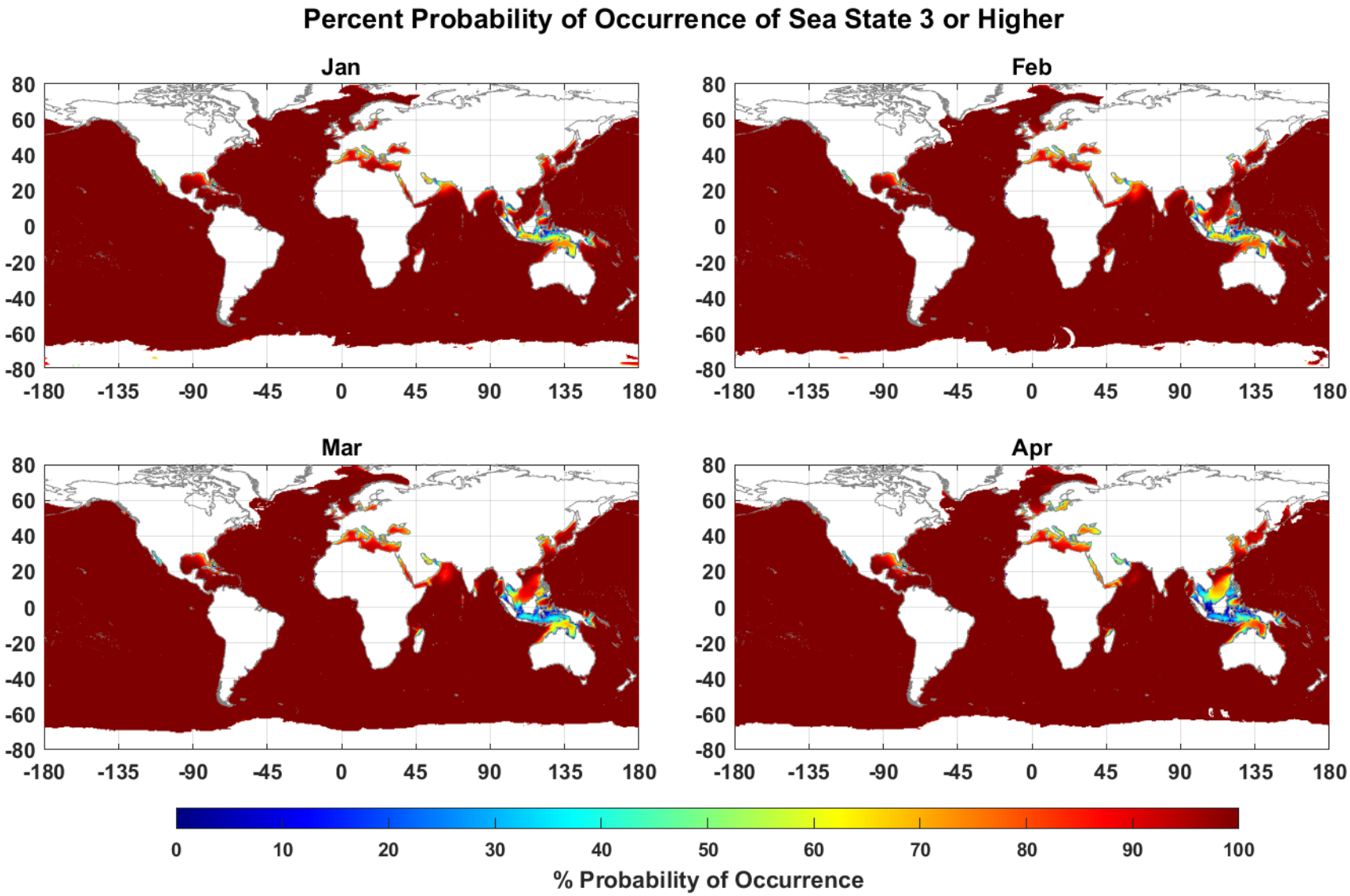


Figure K-21. Monthly Probability of Occurrence of Sea State 3 or Higher for Jan-Apr

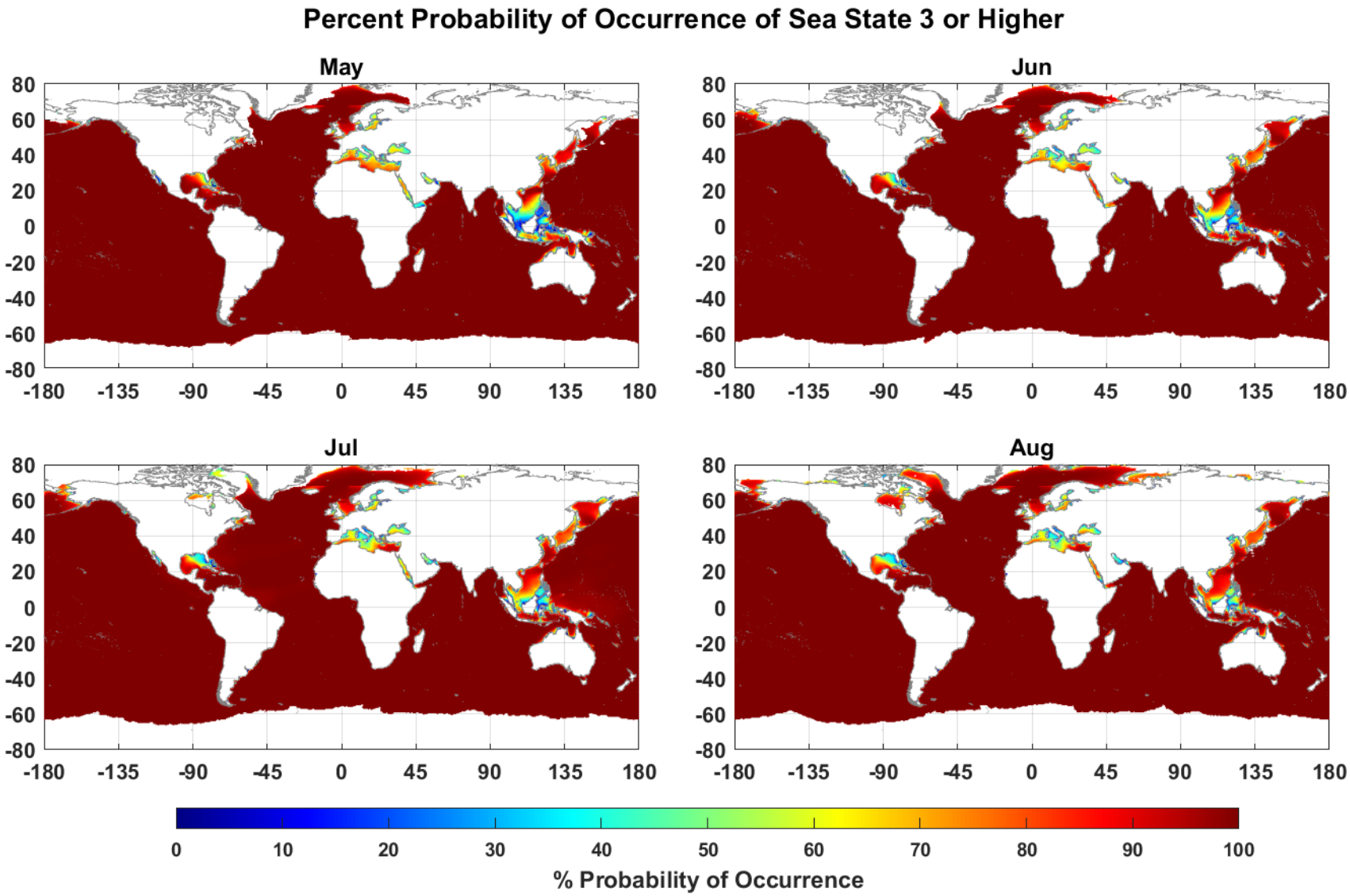


Figure K-22. Monthly Probability of Occurrence of Sea State 3 or Higher for May-Aug

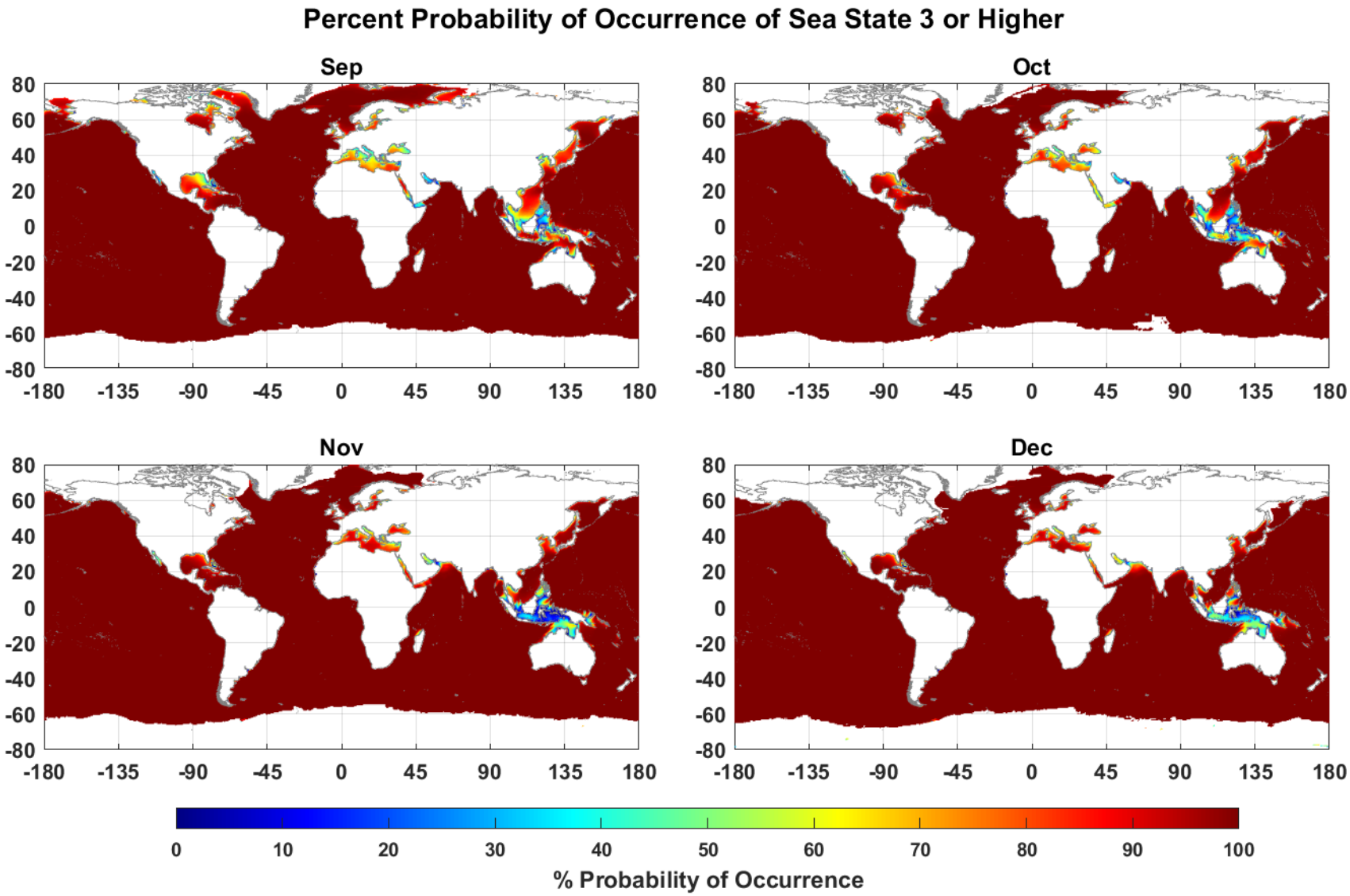


Figure K-23. Monthly Probability of Occurrence of Sea State 3 or Higher for Sep-Dec

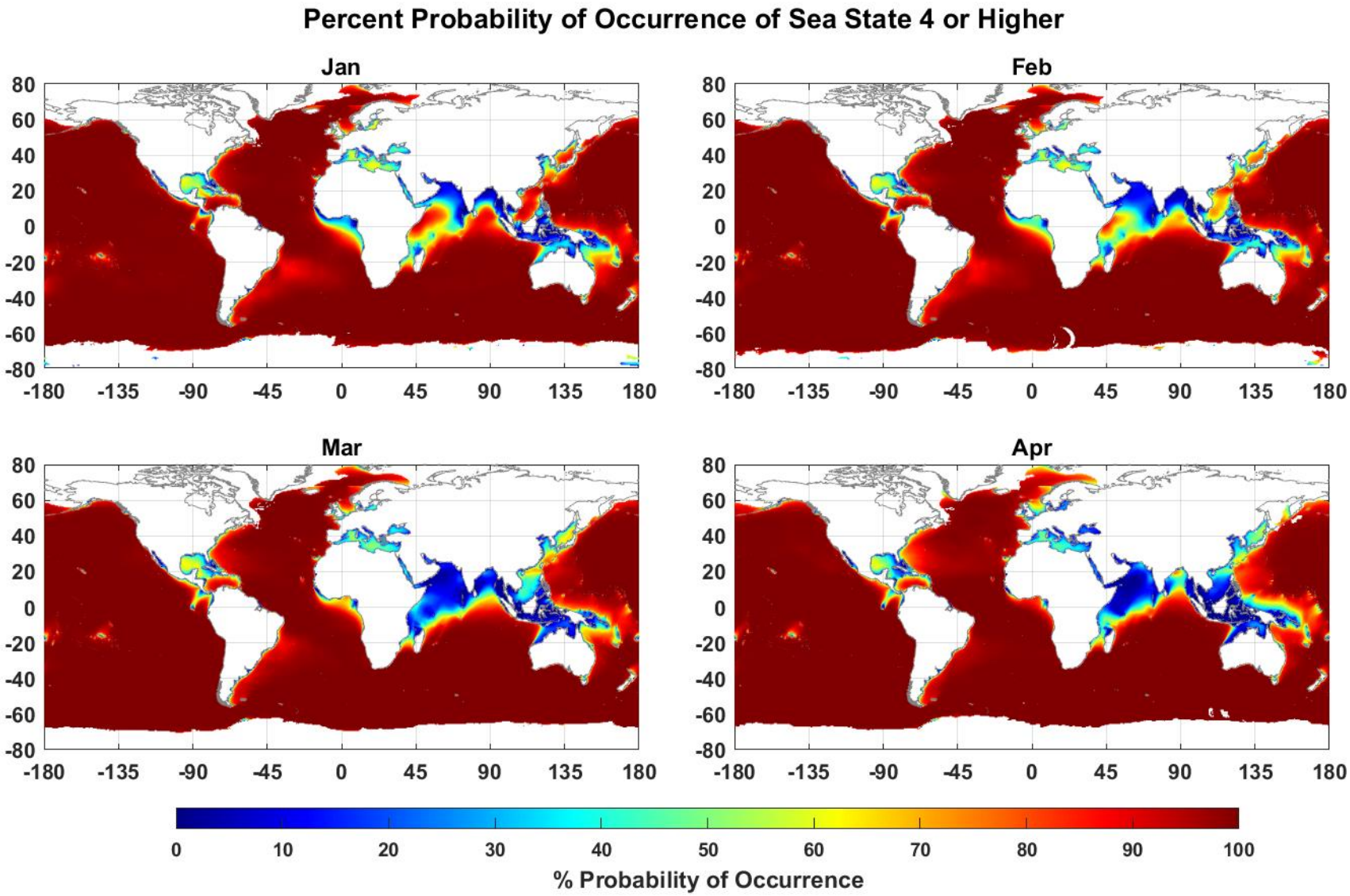


Figure K-24. Monthly Probability of Occurrence of Sea State 4 or Higher for Jan-Apr

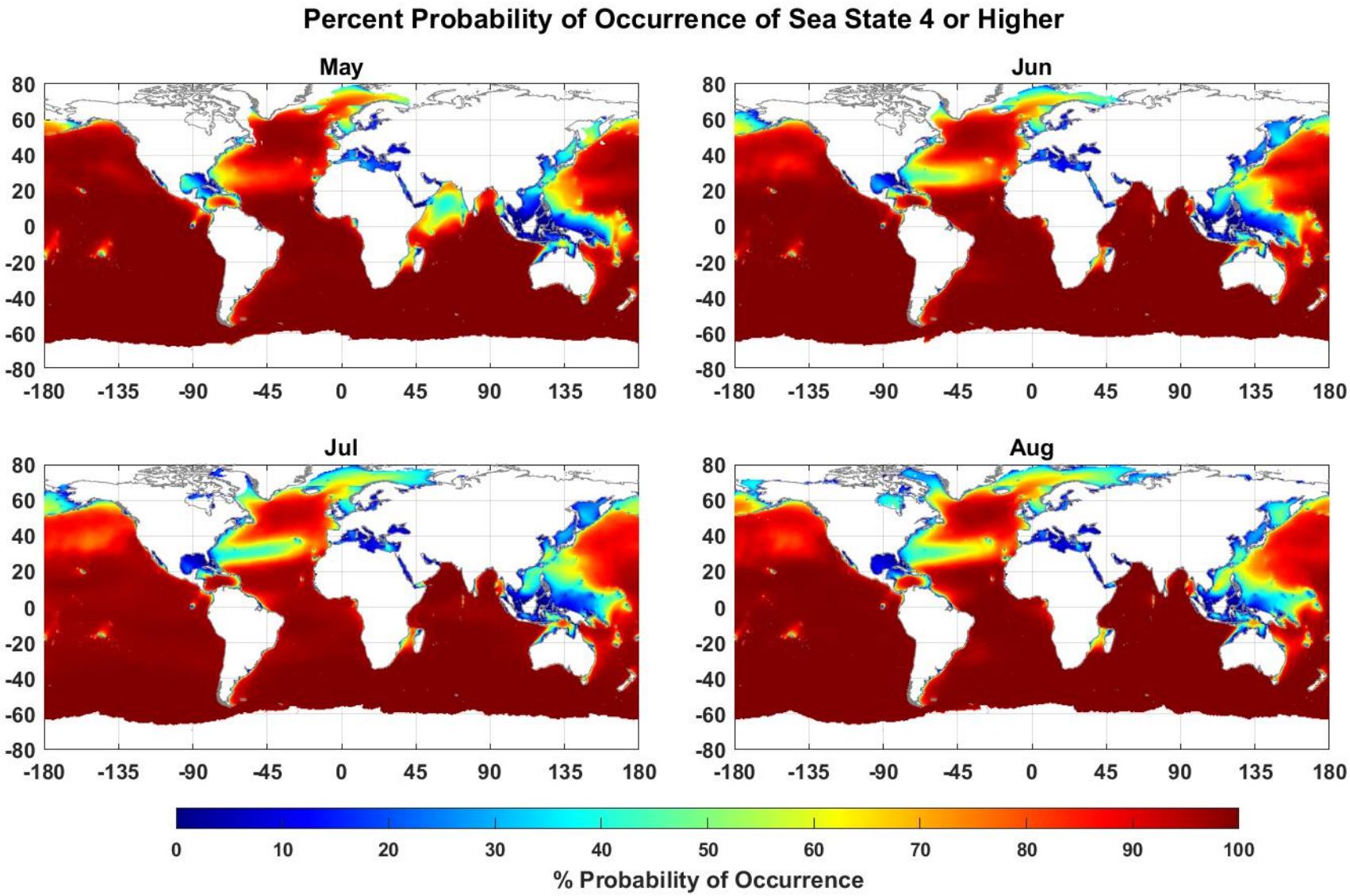


Figure K-25. Monthly Probability of Occurrence of Sea State 4 or Higher for May-Aug

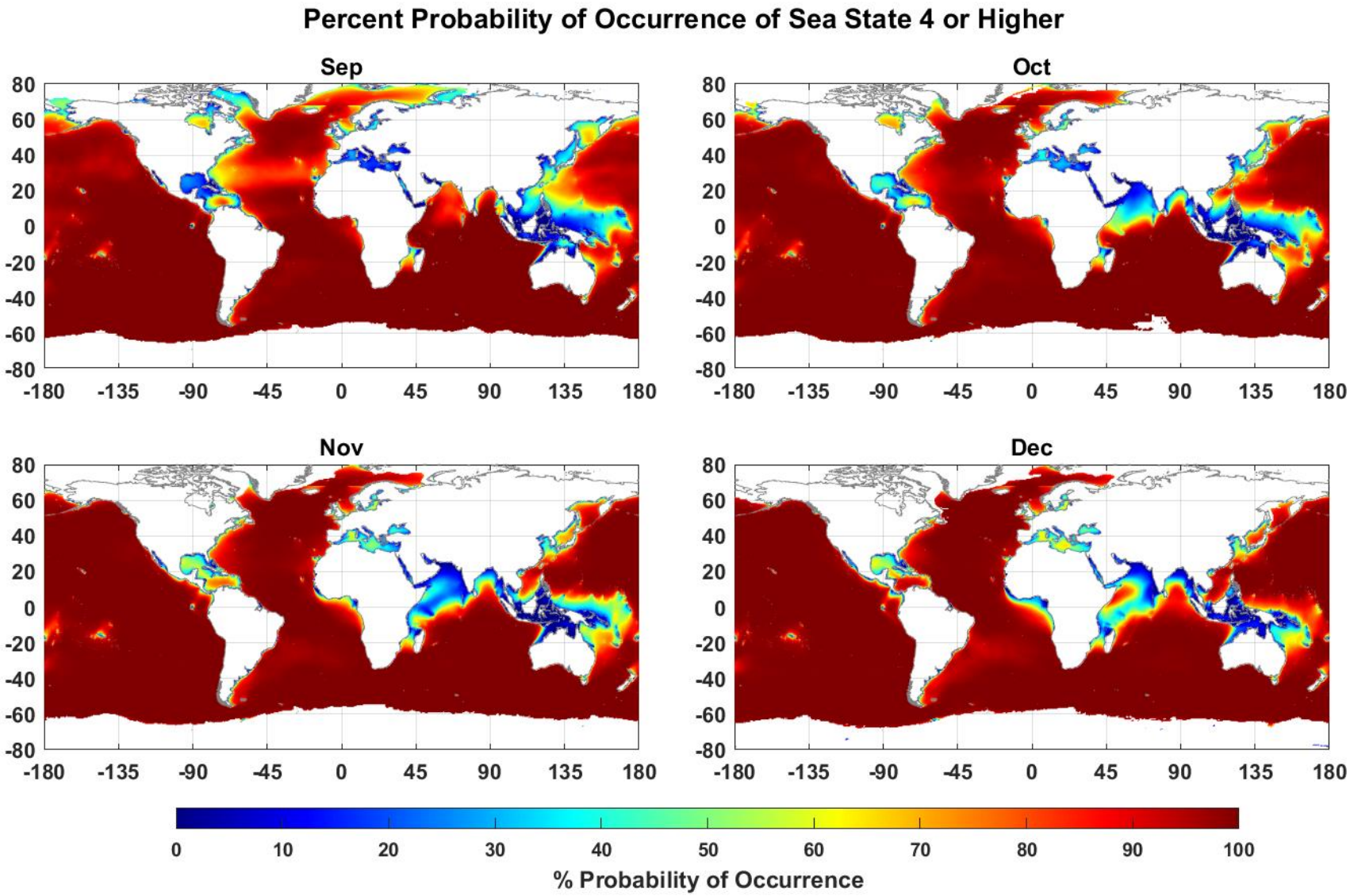


Figure K-26. Monthly Probability of Occurrence of Sea State 4 or Higher for Sep-Dec

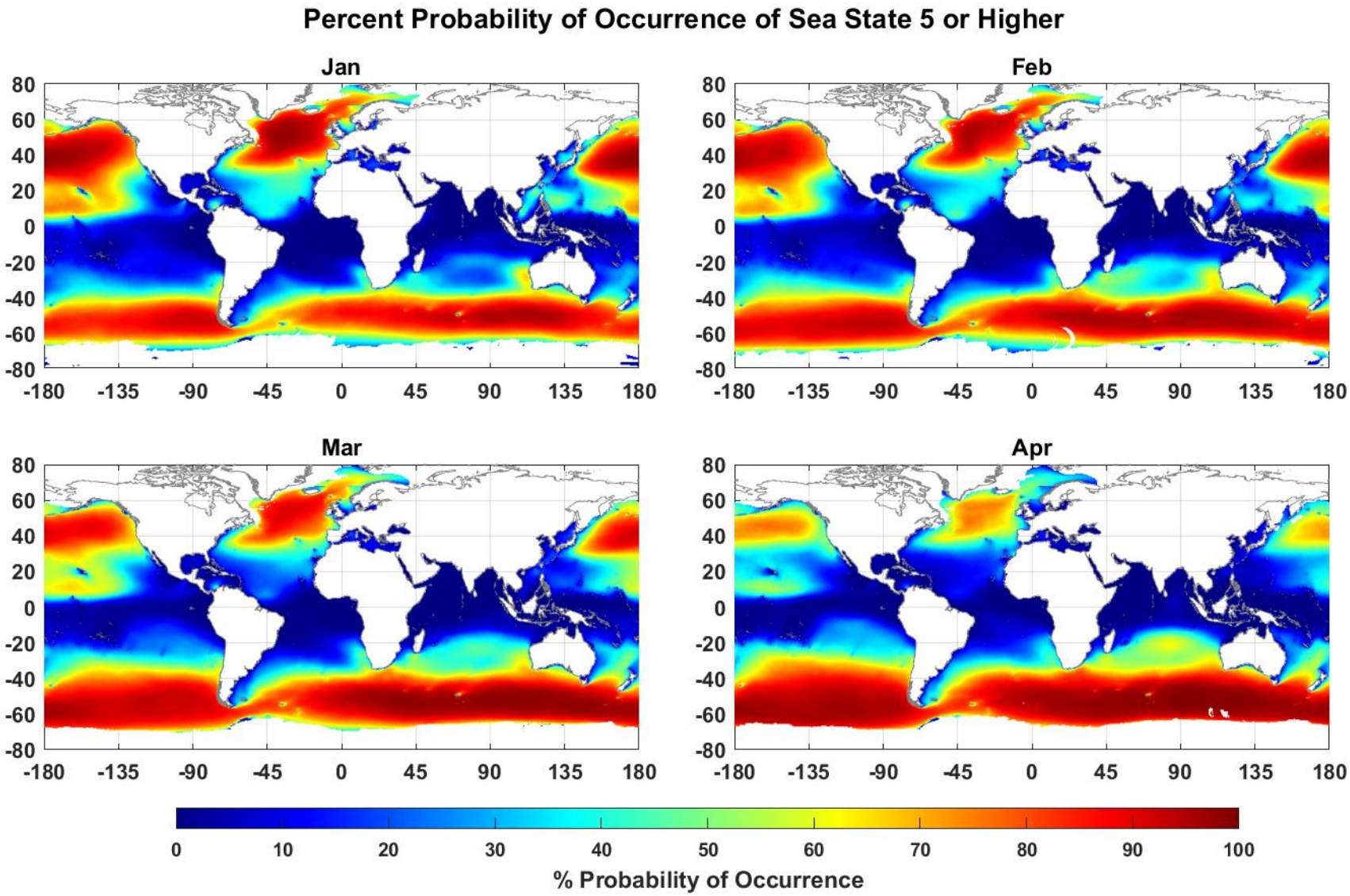


Figure K-27. Monthly Probability of Occurrence of Sea State 5 or Higher for Jan-Apr

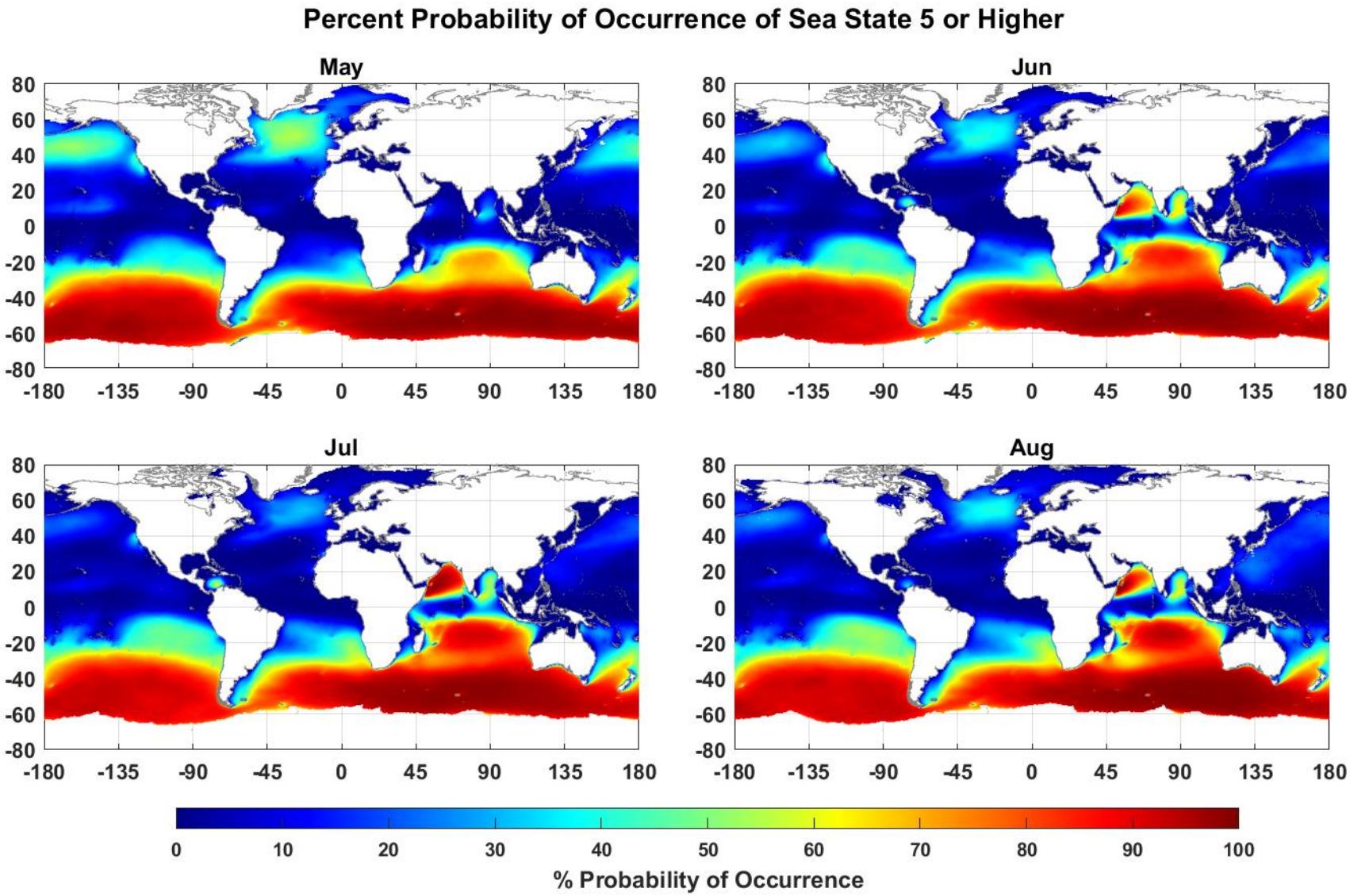


Figure K-28. Monthly Probability of Occurrence of Sea State 5 or Higher for May-Aug

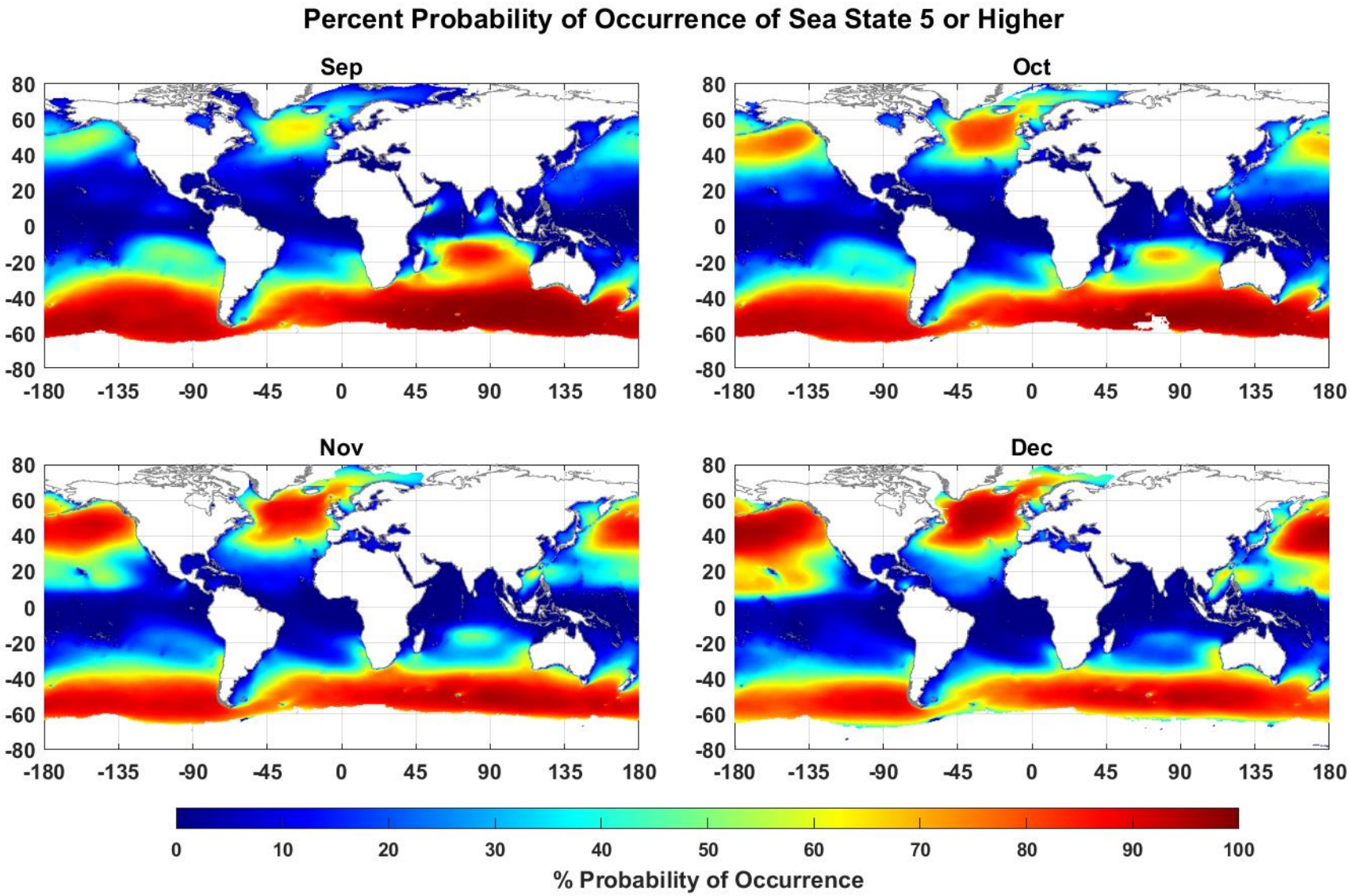


Figure K-29. Monthly Probability of Occurrence of Sea State 5 or Higher for Sep-Dec

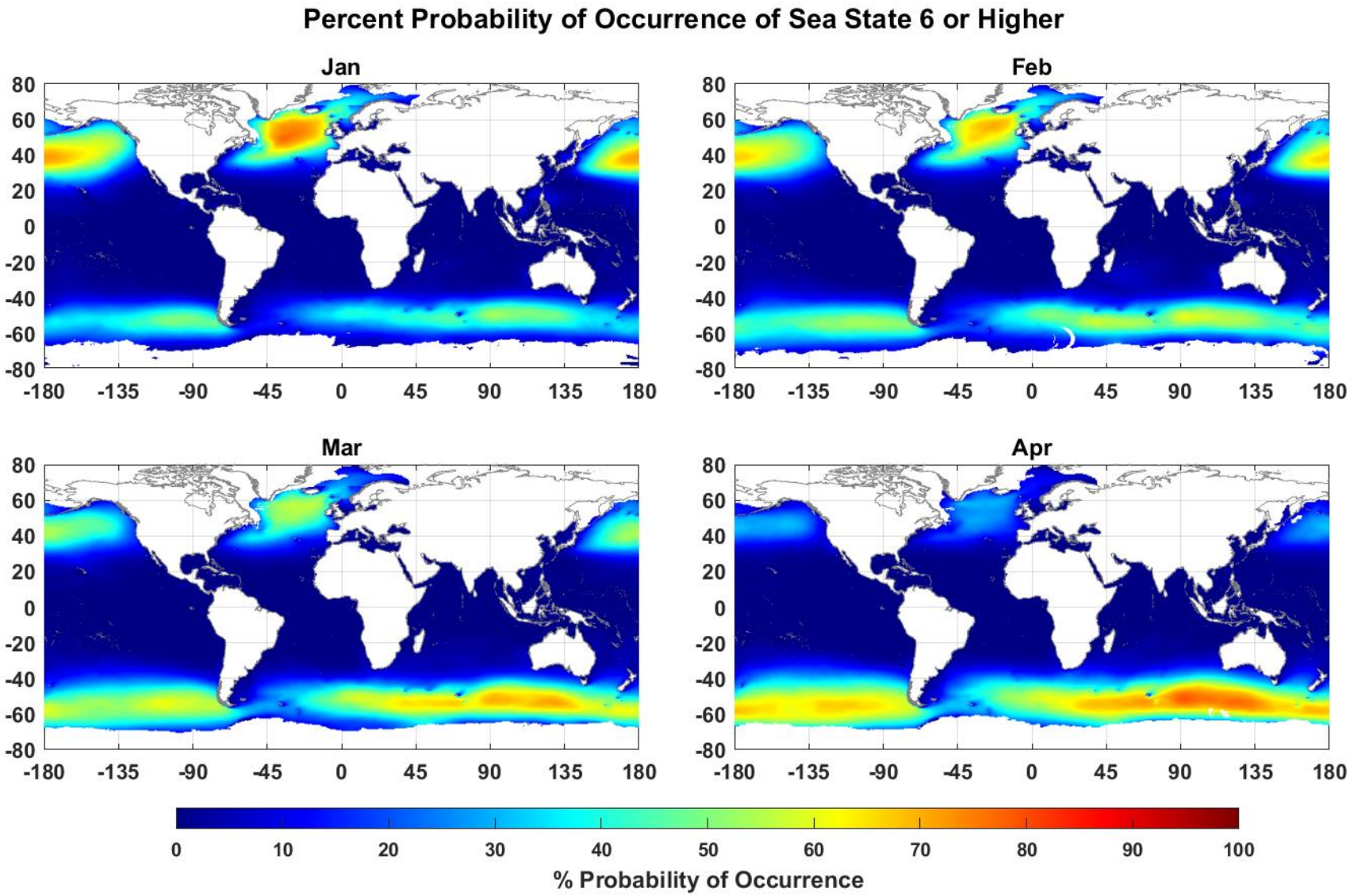


Figure K-30. Monthly Probability of Occurrence of Sea State 6 or Higher for Jan-Apr

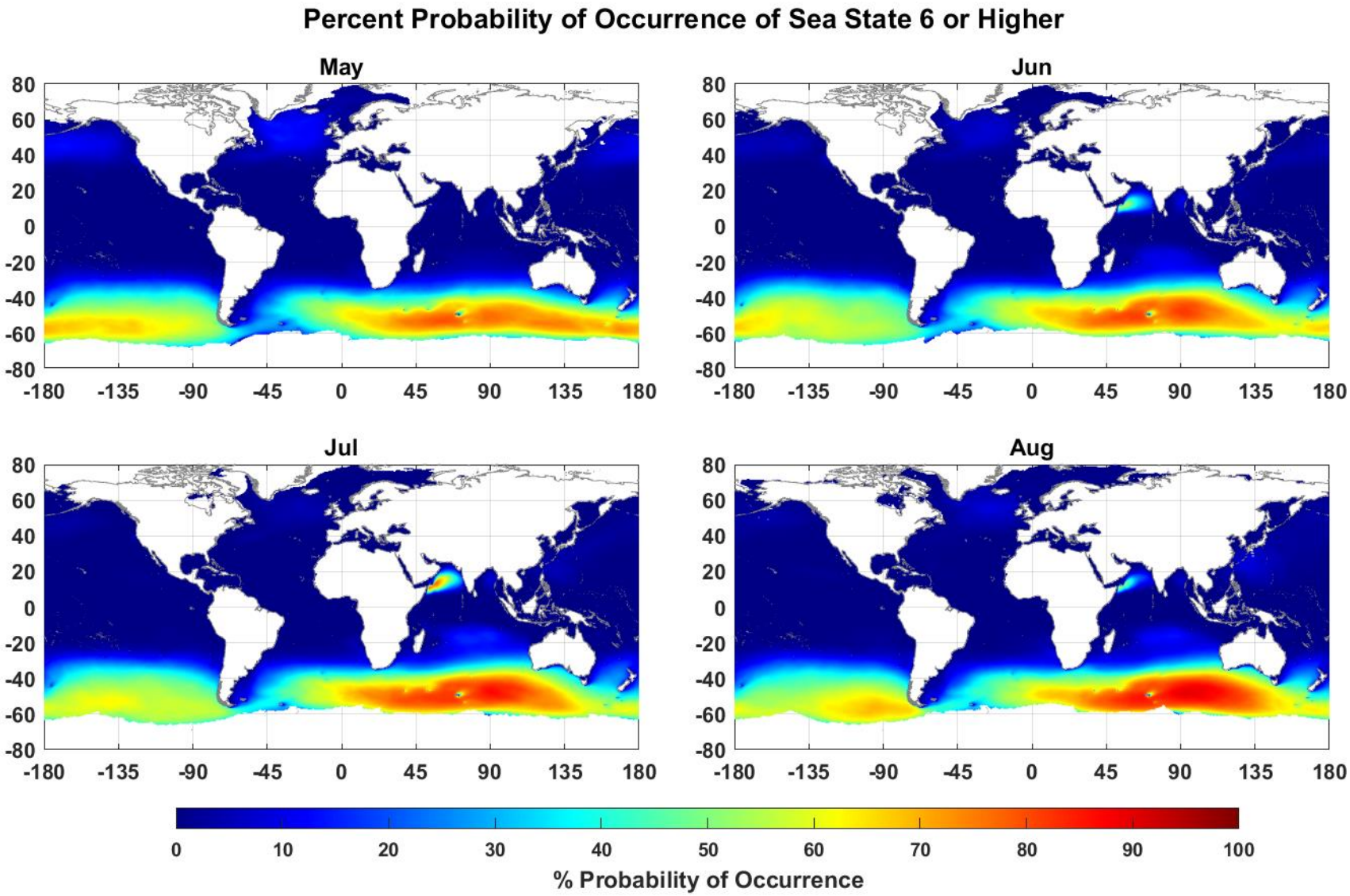


Figure K-31. Monthly Probability of Occurrence of Sea State 6 or Higher for May-Aug

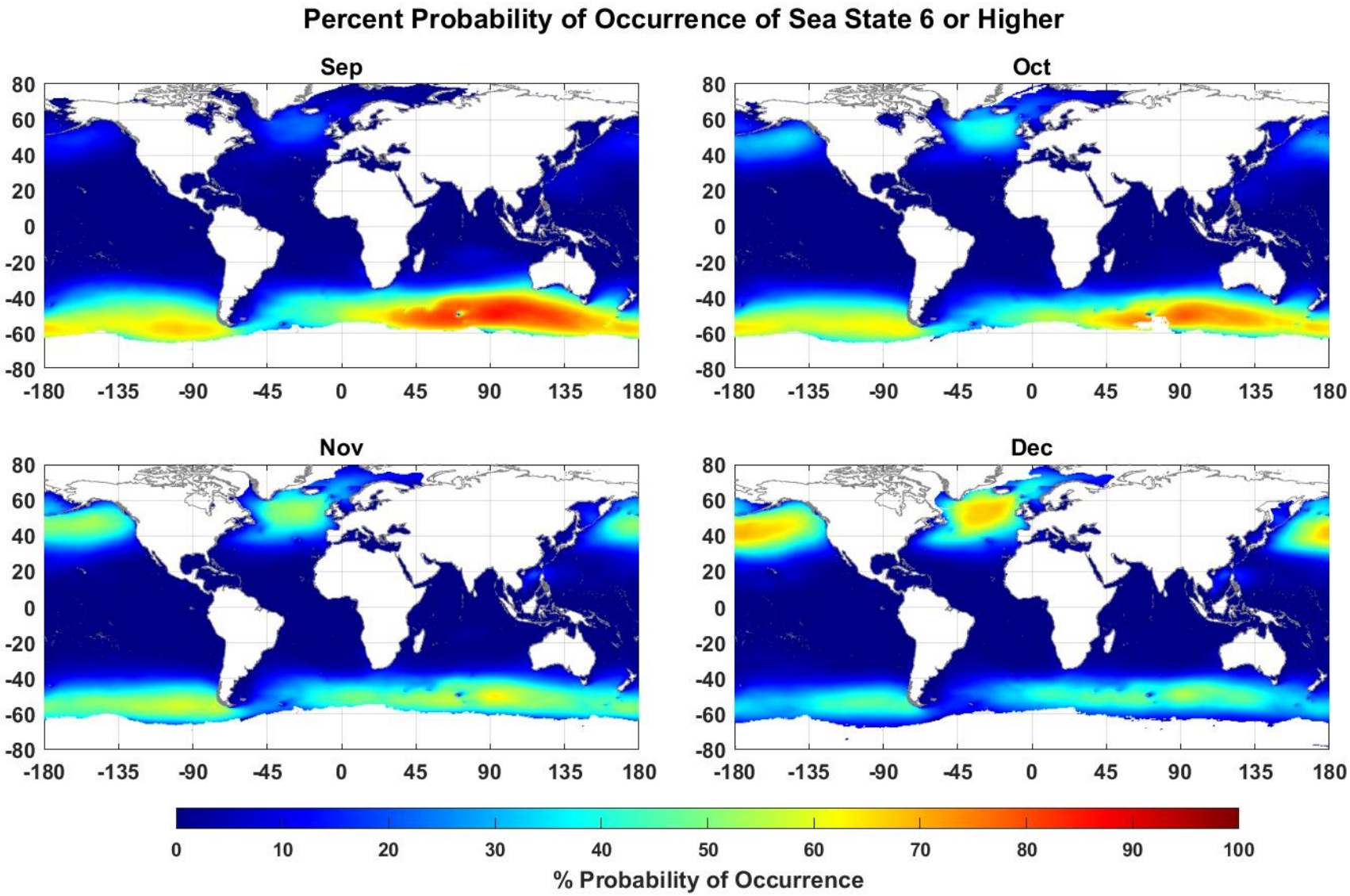


Figure K-32. Monthly Probability of Occurrence of Sea State 6 or Higher for Sep-Dec

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