

日本船舶振興会昭和54年度補助事業
“船舶の外力と設計基準に関する研究”

WINDS AND WAVES OF THE NORTH PACIFIC OCEAN

北太平洋の風と波の統計図表

THE SHIPBUILDING RESEARCH ASSOCIATION
OF JAPAN

日本造船研究協会

**WINDS AND WAVES
OF
THE NORTH PACIFIC OCEAN
1964 — 1973**

—STATISTICAL DIAGRAMS AND TABLES—

北太平洋の風と波の統計図表

MARCH 1980

**THE 163RD RESEARCH PANEL
THE SHIPBUILDING RESEARCH ASSOCIATION
OF JAPAN**

社団法人 日本造船研究協会

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WINDS AND WAVES OF THE NORTH PACIFIC OCEAN (1964—1973)

1. Introduction

Recently the needs of statistical data of winds and waves on the oceans have been increasing in the various fields of marine technology such as shipbuilding, ship operation and ocean engineering, to use them for estimations of motions or forces on ships or ocean vehicles operating in winds and waves. The purpose of this book is to provide systematic information about environmental conditions for use in these fields, and presented are the results of statistical analysis of wind and wave data on the North Pacific Ocean for ten years from 1964 to 1973. Since the previous work by SR 80 analyzed the same kind of data for the ten years from 1954 to 1963, the period over ten years have elapsed, during which accumulation of data has been continuing by means of systematized procedure so that the amount of collected data becomes large enough to perform a statistical analysis. This is the reason why the present work was undertaken by SR 163 Research Panel. In the analysis the statistical relationship between the frequencies of occurrence of wind speed and wind direction, wave height and wave direction, wave height and wave period were derived, and the results have been represented by the rose maps of wind speeds and wave heights as well as in numerical tables of wave heights and wave periods for each sub zones divided the North Pacific Ocean. Some considerations on the characteristics of statistics of winds and waves in this ocean have been made.

2. Data Source

The materials submitted to this analysis are the Marine Meteorological Data stored at the meteorological offices both in Japan and the United States of America, i.e. the Japan Meteorological Agency and NOAA (National Oceanic and Atmospheric Administration, USA). The data were originally obtained by visual observations on the voluntary ships navigating in the world. In accordance with the international convention of W.M.O. (World Meteorological Organization), the observed data were presented to the meteorological offices of the responsible countries and transferred to the magnetic tapes after some manual and automatic checking of data and stored for convenience of further analysis. The Japan Meteorological Agency has such data for the western half of the North Pacific Ocean from 170° West, while NOAA has data for the eastern half from 170°W. Every data consist of information about position, time and measured and observed meteorological quantities including wind and wave data. The necessary information have been selected from the individual data and classified according to the method of analysis as described in the following chapters.

3. Method of Statistical Analysis

The relationship between probability of occurrences of the elements of wind and wave were analyzed statistically for the following combinations, i.e.

- (a) Wind Direction vs. Wind Speed,
- (b) Wave Direction vs. Wave Period,
- (c) Wave Direction vs. Wave Height,
- (d) Wave Period vs. Wave Height,
- (e) Wind Speed vs. Wave Period,
- (f) Wind Speed vs. Wave Height.

3.1 Division of Sea Area into Sub-Zones

The sea area of the North Pacific Ocean is divided into 89 sub-zones as shown in Fig. 2. Among those sub-zones, 60 belong to the western area from 170°W, while the other 29 to the eastern area. The statistics of wind and wave data have been derived for each sub-zone and for the whole area which summarizes the whole sub-zones except the following three sub-zones, WO1, WO2 and W29.

3.2 Seasonal Divisions

The analysis have been done for three sorts of seasonal divisions, i.e. monthly, four seasonal and the whole year. The monthly total is the summing up of data of every month through ten years. The season total is obtained by summing up the data of each three months through ten years as follows,

- (a) Spring: March - April - May,
- (b) Summer: June - July - August,
- (c) Autumn: September - October - November,
- (d) Winter: December - January - February.

3.3 Classifications of Elements of Wind and Wave

(a) Wind Direction and Wave Direction are segmented into twelve groups of each 30 degrees ray as shown in Table 1 and Fig. 1.

(b) Wind Speed is classified into nine groups as shown in Table 2, i.e. seven groups of every ten knots up to 70 knots, one group for over 70 knots and one group for calm.

(c) Wave Height is classified into seventeen groups as shown in Table 3, i.e. fifteen groups of every one meter up to 15 m, one group for over 15 m and one group for calm. For data belonging to the sea area east of 170°W the group calm includes data for which the wave height could not be measured. The original data of wave include both wind wave and swell data when they are observed simultaneously. In such cases the wave having higher wave height between wind waves and swell is assumed as the dominant wave in the area that observation was made, and the height, period and direction of the dominant wave are taken up for the statistical analysis.

(d) Wave Period is classified into seven groups as shown in Table 4 and 5, i.e. four groups for each two seconds from 6 seconds to 13 seconds, one group for wave period up to 5 seconds, one group for the period over 14 seconds and one group for calm.

(e) The wave heights and periods of wind waves have been checked by the wind speed of the same observation data, and modified as shown in Table 6.

3.4 Distribution of Number of Analyzed Data

Out of the total number 4,400,384 of analysed data, 2,649,946 belong to the western half of the North Pacific Ocean, while 1,750,438 to the eastern half. The number of analyzed data for each sub-zone is shown in Fig. 3.

4. Results of Analysis

4.1 Mean Wind Speed and Mean Wave Height

The mean values of wind speeds and the mean values of wave heights for each sub-zone are shown on the map of the North Pacific Ocean, for every month, every season and the whole year. The left

side pages show the mean wind speed map and the right side pages show the mean wave height map, respectively.

4.2 Relations of Wave Height and Period to Wind Speed

The frequency distributions of wave height and period versus wind speed were obtained as shown in Table 7 and 8. By using these results the average wave height and the average wave period versus wind speed have been derived as shown in Fig. 4 and 5, respectively. In the figures, the values for the whole area as well as for both eastern and western half areas of the North Pacific Ocean are shown. The values for the North Atlantic Ocean are also shown in the figures for comparison. It is observed in these figures that the average wave height of the western half area and the average wave period of the eastern half area of the North Pacific Ocean are almost the same as those of the North Atlantic Ocean.

4.3 Probability Distribution of Wave Heights

The fitness of the probability distribution of wave heights to the mathematical formula has been proved by plotting the cumulative probability of wave height on the log-normal distribution diagram as shown in Fig. 6-(a) and -(b). Fig. 6-(a) shows the distributions for four seasons of the whole area of the North Pacific Ocean. Fig. 6-(b) shows the distribution for all seasons summarized four seasons. In this figure the values of wave height represent the converted ones by the following equation relating the observed wave height, H_v , to the significant wave height, $H_{1/3}$:²⁾

$$H_{1/3} = 1.23 + 0.88 H_v \quad (\text{m})$$

The wave height distribution obtained by the analysis of SR 80 is also shown for comparison.

From these figures it can be deduced that the log-normal distribution fits well for wave height observed in the North Pacific Ocean.

4.4 Sea Area Where High Waves Or Strong Winds Were Observed Frequently

The distribution of sea area where the strong winds more than 50 knots or the high waves more than 10 m have been observed more than ten times for a month through ten years in a area enclosed by 2 degrees of latitude and 5 degrees of longitude is shown in Fig. 7 and 8, respectively, for each twelve months.

4.5 Wind Speed Rose and Wave Height Rose

The directional distributions of the probability of occurrence of wind speed and wave height are shown by rose diagrams. The length of vectors in 12 directions is proportional to the probability of occurrence. It should be noted that the scale of vector is changed for wind speed more than 30 knots and for wave height more than 3 m, as shown in the remarks of each map where the roses of each sub-zone are arranged for four seasons and the whole year. The maps both of the adjacent sea of Japan and the North Pacific Ocean can be found alternately.

4.6 Wave Height vs. Wave Period Table

The numbers of observations at each combinations of classes of wave height and wave period are shown by tabular form for each sub-zone of every four seasons and the whole years.

5. Concluding Remarks

It should be noted in utilizing the statistics presented in this book that the wave data used for this analysis were in most cases obtained by visual observations on voluntary ships. Therefore, the accuracy of data may be not always even and the density of observed data is not uniform depending on the frequency of presence of ships which would be influenced by operation practice of ships or weather conditions.

In spite of these limitations, the statistics described here will be useful to understand the wind and wave climates of the North Pacific Ocean as the environmental conditions of ships and ocean vehicles operating in this ocean, because the almost all data of wind and wave observed by human being for recent ten years in this Ocean are included, and that the total number of analyzed data is large enough to draw significant results statistically.

Acknowledgement

The Marine Meteorological Data used for this analysis were kindly offered from the Japan Meteorological Agency and NOAA, USA. The editors of this book would like to express their courteous thanks for the helps of those people in both organizations who gave us convenience for use of the stored data, namely, Dr. Masao Hanzawa, Mr. Kazuo Takenaga and Mr. Reizo Hasegawa as well as all of the other participants of the Japan Meteorological Agency, Mr. Daniel B. Mitchell, Director, and Mr. Robert Quayle of the National Climate Center, NOAA.

The editors also express their hearty thanks to Dr. Yasufumi Yamanouchi, General Manager of Akishima Laboratory of Mitsui Engineering and Shipbuilding Co., Ltd., for his comprehensive discussion and advise on the method of analysis as the chairman of the former analysis by SR 80, and Dr. Noritaka Ando, the former director general of Ship Research Institute, and Mr. William M. Nicholson, Associate Director of the Office of Marine Technology, NOAA, for their kind arrangements and suggestions for utilizing the data stored in NOAA.

The project of analysis was undertaken in collaboration between the Japan Meteorological Agency, Ship Research Institute and the Shipbuilding Research Association of Japan. The technical plan was guided by the SR 163 Research Panel and the method of analysis was discussed in the No. 1 Group of SR 163. Fig. 6-(a) and (b) were derived by Mr. Hiroshi Kawabe, Defence Academy, and Fig. 7 and 8 by Tsugio Matsumoto, one of the editors, by using the analyzed results.

北太平洋の風と波の統計図表(1964年－1973年)

1. 緒言

近年、造船・海運・海洋開発の分野において、船舶や海洋開発機器の設計値の推定、運航の安全の確保のため、海洋の環境条件、すなわち風や波浪に関する情報の必要性がますます増大してきている。風や波浪は自然現象であり、その情報も統計的に把握されることにより利用価値が高まるので、広い海域での長期間にわたる多数の観測データの統計が望まれる。

海洋の風あるいは波に関するそのような統計としてはこれまで次のようなものがあった。

- a. 北大西洋における定点海洋気象観測船の多数の観測値を集めたWaldenの統計表¹⁾
- b. 全世界の代表的航路の海域における一般商船(Voluntary Ships)の目視観測を集めたHogben & Lambの統計表²⁾
- c. 北太平洋における一般商船(日本国籍)の10年間(1954年－1963年)の目視観測の統計を出した山内らによるS R 80研究部会での統計解析³⁾⁴⁾

このうち、Waldenのものが専門の観測船によるデータということで、質の良いデータと考えられ、船体応答の長期予測等に比較的多く利用されている。しかし我が国と最も密接な関連を有する北太平洋の風や波浪に関しては北大西洋におけるような広範な観測船によるデータ取得がなされておらず、山内らの統計のような一般船舶の目視観測データに頼っているのが現状である。目視観測データは、波高や波周期のように不規則に変動するもののうちから、その平均的な値を直感や経験によって見出さなければならないという本質的な欠点をはじめ、船の通る航路の粗密による観測数の地域的・季節的なアンバランス、船の荒天避航などによる荒天遭遇頻度の低下あるいは変形などデータの利用に際して留意しなければならない点も多いが、観測数が非常に多いので統計値として利用価値が充分あり、これまでも広く利用に供されてきた。

山内らの使用したデータは、1954年から1963年までの10年間に得られたものであるが、1964年以降今日まで同様の目視観測データがわが国の気象庁をはじめ海洋気象データ収集の責任国に集積されてきている。これらのデータ数はわが国の気象庁だけでも10年間に300万以上の膨大な数に達している。そこで前回に引続き、北太平洋の風と波のデータを統計解析し各方面の利用に供することとなった。

今回 S R 163 研究部会で実施した解析の特徴を挙げると次のようになる。

- a. 前回に加えて観測データ数が増大するので統計値としての価値が高い。
- b. 波浪の観測法やデータの集積・保存がWMOの海上気象統計事業として国際的に統一された基準により系統的に行われるようになったので、データの質が向上していると考えられる。
- c. わが国ばかりでなく、他海域のデータもそれぞれ責任国に集積されているので、将来、これらのデータの解析を行うことができれば、世界のすべての海域の海象・気象を同じベースで比較できるようになる。
- d. 船舶の大型化・高速化・専用化などがこの10年あまりの間に飛躍的に進んだので、船の航路や荒天避航の状況がそれ以前の10年間と異なる場合も多いと想定され、したがって前回のデータ密度の片寄りがあるとすればその粗密を補う可能性も期待できる。

幸いにも、この期間の北太平洋における海洋気象データは、わが国の気象庁海洋気象部とアメリカ合衆国NOAA(海洋大気庁)に磁気テープ化され保管されており、これら機関の協力を得て磁気テープデー

タを全面的に利用することができ、統計解析も容易に行うことができた。

本書はその解析結果を利用に便利な形にとりまとめたもので、次のような内容からなっている。

- a. 海区ごとの平均風速、平均波高の分布。
- b. 海区ごとの風速及び波高の方向別頻度分布を示すローズ地図。
- c. 海区ごとの波周期と波高の頻度分布表。
- d. その他平均風速と平均波高、平均波周期の関係、波高の出現頻度分布形に関する考察、大波高や強風の出現頻度の大きい海域図など。

2. 原データ

統計解析に用いた原データは、日本の気象庁及びアメリカ合衆国NOAAに保管されている海洋気象観測データ(Marine Meteorological Data 又は Marine Surface Data)である。これらのデータは、WMO(世界気象機構)の第4回総会決議35「世界気候図帳の海洋編刊行を目標とする海上気候一覧表と資料収集のための国際協定(W.W.W., World Weather Watch)」に基いて行われている国際海上気象統計業務の目的で収集されたものである。この業務は、1961年から向う30年間資料を収集し、最終的には世界海洋図帳を作成することを目指している。この業務を実施するため、世界の海を10海区に区分し、9ヶ国(1978年以降8ヶ国)がそれぞれ担当海域を受持って自己の責任海域内の海上気象統計を担当する。日本の担当海域は赤道から北緯46°まで、東経120°から西経170°まで、アメリカ合衆国の担当海域は北半球では西経50°から西経170°までとなっている。

日本の場合、1952年以降は気象業務法により決められた船舶(1600トン以上のすべての船舶)が距岸50カイリ以遠を航行する場合、気象観測通報を行っている。またアメリカ合衆国の場合は18世紀頃からの自国及び外国の海洋観測データを収集して、全世界の海洋を経度、緯度とも10°の柵目(Marsden Square)に区切りデータを年度順に分類保管している。そしていずれの国でも1961年から上記の国際業務に移行している。

日本の気象庁には1961年以降は、日本船舶が観測した全世界の海域でのデータと、日本の統計業務の責任海域内で観測した外国船のデータが合わさり、1年分が磁気テープ1巻に格納されている。データの数は1年間約30万である。このようなテープの1964年から1973年までの10巻を気象庁から借用して解析に使用した。

アメリカ合衆国NOAAに保管されているデータについては、今回の解析の対象となる海域及び年のデータを原磁気テープより読み出し、新らしく16巻の磁気テープに格納し直したものを輸入して解析した。

観測回数は、日本船の場合原則として3時間おき1日8回、国際観測通報船舶(Selected Ship)による気象観測は6時間おき、1日4回行われることになっている。観測データは船舶気象観測表に記入され、船から自国の気象官署に郵送される。このデータは受付けた気象官署でチェックされたのちWMO指定の万国共通の国際海上気象パンチカードに穿孔され磁気テープに記録される。さらにデータは世界の10の海域ごとに分類され、その海域の担当国の気象官署あて、パンチカード又は磁気テープにより1年1回送付される。担当国では自国船のデータと、外国から送られてきたデータとを一緒にしてローデータ磁気テープに収納し、これを計算機によるチェックルーチンにかける。その際疑問のあるデータは自動的に修正される。波浪に関しては、その時の風速と対照してTable 6に示すような修正が行われる。即ち、風速の強さに対してあまりに低いか高い風浪の波高は、風速に対し妥当と考えられる数値に修正されることとなっている。風速に関しては、

測器によるもの、目視により風力を記入したものの両方がある。風力が記入されたものについては、これを風速に換算した値が記録されるようになっている。なお、船に備えた風速計の場合、海面上高さ等による補正は行っていない。このような修正が行われたデータが最終的なデータとして磁気テープに記録され、保管されている。

3. 解析

海象・気象データの統計解析により、風向、風速、波向、波高、波周期の5つの要素から次の6組の組合せの出現度数・頻度分布を求めた。

- | | |
|-----------|-----------|
| a. 風向－風速 | d. 波高－波周期 |
| b. 波向－波高 | e. 風速－波高 |
| c. 波向－波周期 | f. 風速－波周期 |

各要素の区分は次のように行った。

3. 1. 海区の区分

対象海域は、 $0^{\circ}\text{N}-50^{\circ}\text{N}$ 、 $110^{\circ}\text{E}-170^{\circ}\text{W}$ の西部北太平洋及び $0^{\circ}\text{N}-65^{\circ}\text{N}$ 、 $170^{\circ}\text{W}-100^{\circ}\text{W}$ の東部北太平洋である。この全海域をさらに89の小海区に分割した。海区の区分をFig.2に示す。このうち60海区は 170°W 以西の西部北太平洋に、29海区は 170°W 以东の東部北太平洋に属している。

統計解析はこれらの89の小海区に対して求めたほか、北太平洋の全海域についても求めた。なお全海域の統計には 55°N 以北の小海区W01、W02及び 110°W 以东の小海区W29の値は含まれていない。

3. 2. 季節的区分

10年間のデータをまとめて、1月から12月までの各月別、春、夏、秋、冬の4季別および通年の統計を出した。このうち、4季は次のような分類となっている。

- 春：3月・4月・5月
夏：6月・7月・8月
秋：9月・10月・11月
冬：12月・1月・2月

3. 3. 風および波の各要素の区分

a. 風向および波向

風向および波向はTable 1およびFig.1に示すように、 30° ずつの扇形で区切った合計12の方位に分割した。なお風向とは風の吹いて来る方向を、波向とは波が伝播して来る方向をいう。

b. 風速

風速はTable 2に示すように、 $0-70$ ノットの間は10ノットごとに分割し、70ノット以上は一つの区分にまとめた。また平穏 (calm) も一つの区分とした。なお、統計では平均風速と最大風速も求めて表示した。

c. 波高

波高はTable 3に示すように $0-0.75\text{m}$ 、 $0.75-1.75\text{m}$ 、…のように、 14.75m までは1mづつに区切り、 14.75m 以上は1区分にした。また平穏 (calm) も1区分とした。風速の場合と同様、平均波高および最大波高も求めた。

波の観測データには、同時に観測されたうねりと風浪の両方が記録されていることが多い。その場合には、うねりの波高と風浪の波高を比較し、波高の大きい方の波をその観測時の主要波と考え、その波高・波周期および波向のデータを採用した。ただし風浪の方向は風向と一致するとしている。また波高の最大値はチェックルーチンにより20mを上限とし、20mより高い波高はすべて20mにされている。

d. 波周期

波周期はTable 4およびTable 5にそれぞれ示すように、風浪、うねりとも、平穏 (calm)・5秒以下・6秒と7秒・8秒と9秒・10秒と11秒・12秒と13秒・14秒以上の7つに区分した。

日本の気象庁とNOAAとでは、磁気テープに記録されている風浪の周期のコードが異っているので解析のときには注意を払った。

e. 波浪のデータの修正について

船舶気象観測表から磁気テープに移されたデータは、計算機によるチェックルーチンにかけられ、修正したものが最終データとなる。今

回の解析に用いたのはこの最終データの磁気テープである。チェックルーチンにより、波浪に関しては次の方法で修正される。

(1) 波高の上限値

20m以上の波高 (うねり) はすべて20mとする。

(2) 風浪の波高及び周期の修正

風浪の波高と周期は風速値に従ってチェックされ、Table 6に示す上限値と下限値をはみ出すデータに関しては、上限値より高い値は上限値に等しくし、下限値より低い値は下限値に等しくする。

上記の修正により波浪データの統計がどのような影響を受けているかを調べるため、1972年の1年分のデータについて、修正前と修正後の波高・波周期の頻度分布を求めてみた。それによると両者の差は非常に低波高の場合を除いて小さく、修正によって統計が著しく変形されるということがないことがわかった。

3. 4. 解析データ数の分布

解析したデータの海区ごとの数はFig.3に示す通りである。日本の気象庁のデータは2,649,946、NOAAのデータは1,750,438、合計4,400,384である。ただし、これは解析した風のデータの数であり、波のデータの数はいずれより若干少ない。海区ごとの波のデータ数は、波高・波周期の数表の中に示されている。

4. 解析結果

4. 1. 平均風速及び平均波高

各海区における風速の平均値、波高の平均値を、月別・季別・通年について地図上に表示した。この地図は、§5.p.12~p.23に示されるが、見開きページの左側には平均風速を、右側には平均波高を対にして示してある。

4. 2. 風速と波高・波周期の関係

通年・全海域に対する風速と波高及び波周期の関係の頻度分布を求めた。

その結果をTable 7及びTable 8に示す。それぞれの風速の区分における波高および波周期の平均値を求めるとFig.4およびFig.5のようになる。ここで、風速は10ノットずつの区分の中間の値、すなわち5ノット、15ノット……等を取り、5秒以下の波周期はすべて4秒、14秒以上の波周期はすべて14秒として計算した。同図中には、 170°W 以东及び以西に分けた場合の統計結果から求めた風速と波高および波周期の平均値の関係、さらに北大西洋における気象観測船の観測結果から導いたRollの値⁴⁾も比較のため記入してある。これによると、波高は西太平洋が東太平洋より高く、北大西洋の値に近い。また波周期は東太平洋が西太平洋より1~1.5秒長く、北大西洋の値に近い。しかし、北大西洋の観測は観測船によるものであるのに対し、北太平洋の波浪データは、ほとんど一般商船の目視観測によるもので、両者の観測精度が異なることに留意する必要がある。

4. 3. 波高の出現頻度分布

全海域の4季に対する波高の累積確率分布を対数正規確率紙上に示したものがFig.6(a)である。ここに示す波高は観測波高そのままの値である。

この図によると、波高はほぼ直線状の分布で示されることがわかる。すなわち、北太平洋の波高の頻度分布は対数正規分布で近似できるといえる。対数正規分布は次式で表される。

$$P(x) = \frac{\log e}{\sqrt{2\pi}\sigma'} \exp \left[-\frac{(\log x - m')^2}{2\sigma'^2} \right] \quad (1)$$

ここで、 x は波高、 m' は $\log x$ についての平均値、 σ' は $\log x$ についての標準偏差を示す。Fig.6(b)には、全海域の通年の波高の累積確率分布を前回のSR80の結果も併せて対数正規確率紙上に示した。この場合の波高としてはHogben & Lambによる¹⁾

$$H_{1/3} = 1.23 + 0.88H_v \quad (\text{m}) \quad (2)$$

の式で換算した有義波高をとった。これによると、前回と今回の差は小さいと言える。

4. 4. 強風・高波の頻度の高い海域

この統計の対象とした10年間に、50ノット以上の強風、10m以上の

高波を10回以上観測した海域（緯度2°，経度5°の枠目）の月ごと分布をFig. 7およびFig. 8に示す。これによると，アリューシャン南方，本邦東方海上に強風・高波の出現頻度が高いことがわかる。

4. 5. 風速・波高のローズ地図

風速および波高のそれぞれの方位別出現頻度を図で示す，いわゆるローズ地図を作成した。§ 6. p. 24～p. 43に風速のローズ（Wind Speed Rose）を，§ 7. p. 44～p. 63に波高のローズ（Wave Height Rose）を示す。地図は，春夏秋冬の4季及び通年について，日本近海の小海区の区分をそのままにした地図と，北太平洋全海域を示す地図の2種類がある。ローズは，風向及び波向に描かれたベクトルの長さが風速または波高のそれぞれの方向での出現頻度に比例するようになっている。ただし，強風と高波の出現頻度を見易くするため，30ノット以上の風速はそれ以下の風速の5倍のスケールで，2.75m以上の波高に対してはそれ以下の波高の4倍のスケールで表現しているので注意していただきたい。図の見方は，地図の左上方のRemarksを参照されたい。

4. 6. 波高と波周期の組合せ出現頻度表

波高と波周期の各区分の組合せごとの出現頻度表を，各海区ごとに，4季および通年について表示したのが，§ 8. p. 64～p. 123の表である。見開きページの右下に，そのページに示す海区の場所を示す地図が付いている。なお，全海域に対する表を，p. 64, p. 76, p. 88, p. 100およびp. 112の小海区に対する表の最初に示してある。

5. 結言

本書は北太平洋のほぼ全域における10年間（1964—1973年）の風および波の目視観測データを統計解析したものを，利用に便するように数表と地図にまとめたものである。

これは，さきに1954—1963年の10年間の北太平洋における風と波の観測データを統計解析したSR 80部会の仕事を受継いだものであるが，今回の解析の特徴を挙げると次のようになる。

- WMOの取り決めにより，世界のすべての海域における気象・海象のデータ収集，保管が国際的に統一された基準で行われるようになったので，北太平洋に関しても日本及びアメリカ合衆国に保管されている世界各国の船舶によるすべてのデータを利用することができた。
- 解析したデータ総数も400万をこえる膨大なものとなった。
- 波高の観測値には有義波高（1/3最大平均波高）をとることが実行されるようになり，波高データの質が向上した。
- 船舶の大型化，専用化，高速化などが1964年以降の10年間は特に顕著であったから，船の航路や荒天避航の状況がそれ以前の10年間と変わってきていると考えられ，観測データの海域分布などにも影響している可能性がある。
- 今回の解析では波高の区分を14.75mまで，1mずつの区分としたので，高波高域での波高の頻度分布の状況がよく分るようになった。（前回は7.75m以上の波高は1区分の中にまとめている）
- 観測データ数が多かったため，日本近海の小海区区分を前回より細かくした。したがってこの海域内での海象の地理的特徴がよく分るようになった。
- 50ノット以上の強風，10m以上の高波の観測数の海域分布を調べた。
- 本書では，4季及び通年に対する統計解析結果を主として示したが，月別の各種統計解析も行われているが，ページ数の関係で掲載することができなかった。これらの利用価値も高いので，機会をみて発表したいと考えている。

本書の利用に際しては，波のデータがほとんど一般商船の目視観測であることに特に留意する必要がある。すなわち，観測者の慣熟の違いによる精度の不統一があること，船の大きさの違いにより波を観測する視点の水面上高さが異なるため，観測値に影響すること，荒天を避航することが多いので，強風や高波に遭遇する頻度が一般に減少していると考えられること，等の点である。一般商船の目視観測データにはこのような問題点があるが，本書のデータは最新の10年間に北太平洋に於いて船舶が遭遇し，人類が観測した風と波の情報をもうらした

総合的な解析である。従って今後，北太平洋において船舶が遭遇する海象・気象の特性を理解するのににおおいに役立つものと思う。

解析結果のとりまとめは，統計解析全般とローズ地図作成に関しては高石，大松がおこない，強風・高波の統計及び調査分析は松本がおこなった。また，波高の累積確率分布の図は河辺が作成した。

謝辞

本書の統計解析の原データは日本の気象庁，アメリカ合衆国NOAAから提供されたものである。これら貴重なデータの利用を快く許可された両機関の関係者の方がたに敬意と感謝の意を捧げるものである。すなわち，データの整備や提供に，日常業務の多忙ななかで協力をいただいた，気象庁海洋気象部海上気象課の長谷川礼三氏，首藤康雄氏はじめ同課の方がた，NOAAのデータ入手に対し仲介の労を取っていただいた前船舶技術研究所長安藤文隆博士，NOAA, Office of Marine TechnologyのW. M. Nicholson 副所長，データの編集と輸送を必要な期間のうちに実行していただいたNOAA, National Climatic CenterのDaniel B. Mitchell 所長，Robert Quayle氏および，同所の関係者の方がたに深く感謝する。

また，三井造船㈱昭島研究所長山内保文博士からは，SR 80研究部会の部会長として前回の統計解析を行った経験をはじめとして，本作業の計画立案の段階から多くの貴重な教示と援助をいただいた。ここに深く感謝の意を表す次第である。

なお，今回の統計解析は日本造船研究協会に設けられたSR 163研究部会により実施されたが⁵⁾統計解析の実務は同部会の中に設けられた第一幹事会が担当した。統計解析の作業は1976年から1979年の4年間にわたり行われたが，この間，気象庁海洋気象部海上気象課との共同作業と，船舶技術研究所との共同研究が継続された。

電算機による統計解析はセンチュリ・リサーチ・センター㈱が担当し，同社のFACOM 230/48およびCDC6600/CYBERを使用して行われた。

解析の結果は，計算機のラインプリンター用紙に印刷されたほか，磁気テープにも記録された。印刷されたものは気象庁海洋気象部海上気象課，船舶技術研究所運動性能部及び日本造船研究協会に保管されている。また磁気テープは船舶技術研究所運動性能部に保管されている。（以上）

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§ 3 Figures and Tables For Method of Analysis

Table 1 Classes of Direction of Winds and Waves
風向及び波向の区分表

Code	Ship Code	Direction
1	35 36 01	345° - 15°
2	02 03 04	15 - 45
3	05 06 07	45 - 75
4	08 09 10	75 - 105
5	11 12 13	105 - 135
6	14 15 16	135 - 165
7	17 18 19	165 - 195
8	20 21 22	195 - 225
9	23 24 25	225 - 255
10	26 27 28	255 - 285
11	29 30 31	285 - 315
12	32 33 34	315 - 345
13	00	Calm
14		Total

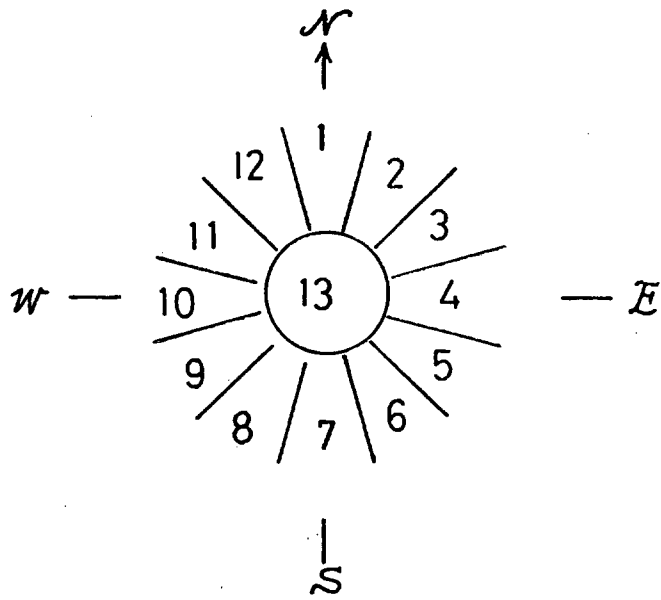


Fig. 1 Classes of Direction of Winds and Waves
風向及び波向の区分図

Table 2 Classes of Wind Speed
風速の区分表

Code	Ship code	Wind Velocity
1	01...09	$0 \leq U < 10$ (kt)
2	10...19	$10 \leq U < 20$
3	20...29	$20 \leq U < 30$
4	30...39	$30 \leq U < 40$
5	40...49	$40 \leq U < 50$
6	50...59	$50 \leq U < 60$
7	60...69	$60 \leq U < 70$
8	70...99	$70 \leq U$
9	00	Calm
10		Total
11		Max. Value of U

Table 3 Classes of Wave Height
波高の区分表

Code	Ship Code	Wave Height (m)
1	01	$0 \leq H_W < 0.75$
2	02 03	$0.75 \leq H_W < 1.75$
3	04 05	$1.75 \leq H_W < 2.75$
4	06 07	$2.75 \leq H_W < 3.75$
5	08 09	$3.75 \leq H_W < 4.75$
6	10 11	$4.75 \leq H_W < 5.75$
7	12 13	$5.75 \leq H_W < 6.75$
8	14 15	$6.75 \leq H_W < 7.75$
9	16 17	$7.75 \leq H_W < 8.75$
10	18 19	$8.75 \leq H_W < 9.75$
11	20 21	$9.75 \leq H_W < 10.75$
12	22 23	$10.75 \leq H_W < 11.75$
13	24 25	$11.75 \leq H_W < 12.75$
14	26 27	$12.75 \leq H_W < 13.75$
15	28 29	$13.75 \leq H_W < 14.75$
16	30-99	$14.75 \leq H_W$
17	00	Calm
18		Total
19		Max. Value of H_W

Table 4 Classes of Wave Period (Japan)
波周期の区分表 (気象庁)

Code	Ship Code of Sea	Ship Code of Swell		Wave Period(sec)
		Since 1968	Before 1967	
1	01 02 03 04 05	5	2	$T_w \leq 5$
2	06 07	6 7	3	$5 < T_w \leq 7$
3	08 09	8 9	4	$7 < T_w \leq 9$
4	10 11	0 1	5	$9 < T_w \leq 11$
5	12 13	2 3	6	$11 < T_w \leq 13$
6	14 ...	4	7 8 9 0 1	$13 < T_w$
7	00			Calm
8				Total

Table 5 Classes of Wave Period (NOAA)
波周期の区分表 (NOAA, アメリカ)

Code	Ship Code of Sea	Ship Code of Swell		Wave Period(sec)
		Since 1968	Before 1967	
1	2	5	2	$T_w \leq 5$
2	3	6 7	3	$5 < T_w \leq 7$
3	4	8 9	4	$7 < T_w \leq 9$
4	5	0 1	5	$9 < T_w \leq 11$
5	6	2 3	6	$11 < T_w \leq 13$
6	7 8 9 0 1	4	7 8 9 0 1	$13 < T_w$
7				Calm
8				Total

Table 6 Limitation of Heights and Periods of Wind Waves
Corresponding to Wind Speed
風浪の波高と周期の制限

Wind Speed (kt)	Height (m)		Period(sec)	
	Lower Limit	Upper Limit	Lower Limit	Upper Limit
0-8	0	1	0	4
9-15	0.5	1.5	1	8
16-25	1	3	2	10
26-35	2	4	3	14
36-45	3	9	4	18
46-59	7	13.5	6	24
60-	12 (Constant)		10	-

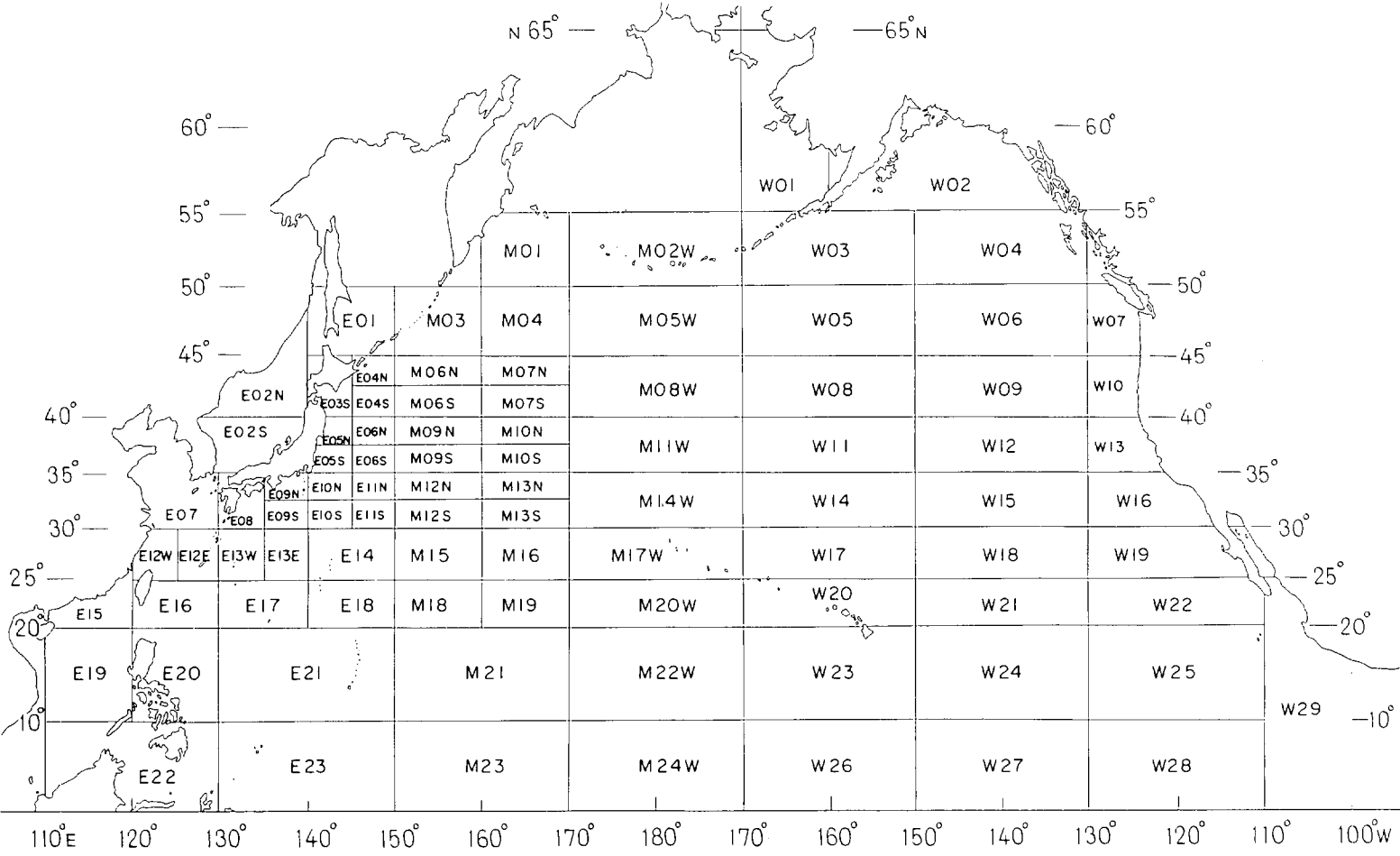


Fig. 2 Division of Sea Area into Sub-Zones
小海区の区分図

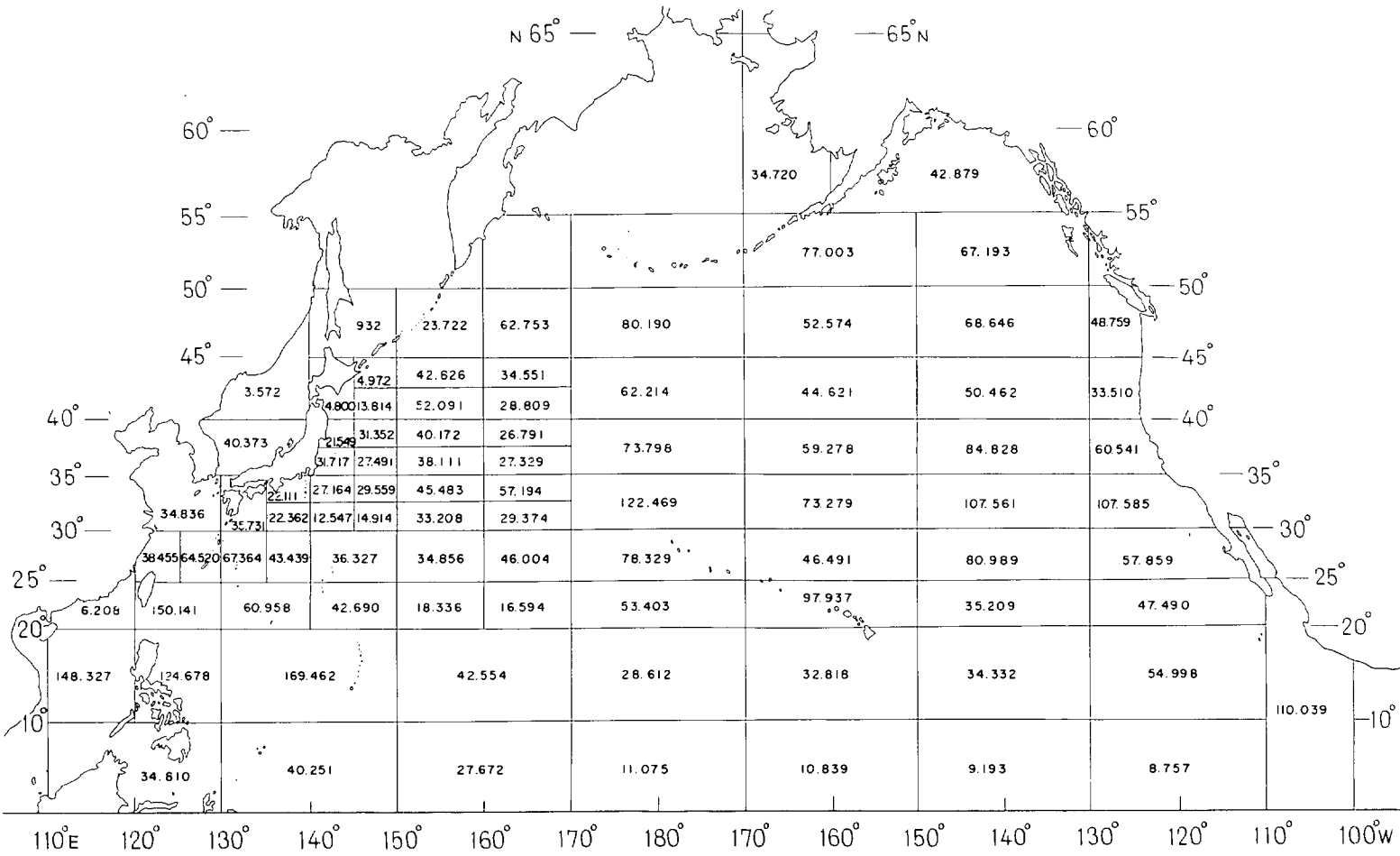


Fig. 3 Number of Analyzed Data for Each Sub-Zone
小海区毎の解析データ数

§ 4 Figures and Tables of the Results of Analysis

Table 7 Wave Height vs. Wind Speed for All Seasons and the Whole Area
風速対波高の頻度表

		WIND SPEED (kt)										
WAVE HEIGHT (m)	CODE	00 1	10 2	20 3	30 4	40 5	50 6	60 7	70 8	CALM 9	TOTAL 10	M A X 11
	1 0.00 -	243971 6.61	145065 3.93	2608 .08	390 .01	78 .00	14 .00	4 .00	2 .00	23296 .63	415623 11.26	91.00
	2 0.75 -	438331 11.88	920564 24.95	140128 3.80	2708 .07	137 .00	6 .00	-	-	23556 .64	1525430 41.34	55.00
	3 1.75 -	133049 3.61	506367 13.72	298644 8.09	37279 1.01	811 .02	42 .00	8 .00	2 .00	7475 .20	933677 26.66	79.00
	4 2.75 -	34999 .95	156782 4.25	188338 5.10	55081 1.49	7423 .20	121 .00	12 .00	1 .00	1947 .05	444704 12.05	70.00
	5 3.75 -	9485 .26	41586 1.13	66596 1.80	45929 1.24	7248 .20	234 .01	37 .00	5 .00	410 .01	171530 4.65	90.00
	6 4.75 -	2480 .07	10435 .28	18169 .49	14666 .40	3848 .10	154 .00	10 .00	1 .00	112 .00	49375 1.35	70.00
	7 5.75 -	804 .02	3699 .10	7844 .21	8561 .23	3437 .09	152 .00	29 .00	5 .00	32 .00	24533 .67	70.00
	8 6.75 -	299 .01	1456 .04	3409 .09	4862 .13	4640 .13	2404 .07	209 .01	4 .00	13 .00	17296 .47	80.00
	9 7.75 -	118 .00	475 .01	1354 .04	2197 .06	1604 .04	432 .01	55 .00	1 .00	2 .00	6238 .17	70.00
	10 8.75 -	38 .00	210 .01	663 .02	1186 .03	1261 .03	458 .01	86 .00	3 .00	1 .00	3906 .11	85.00
	11 9.75 -	40 .00	178 .00	479 .01	775 .02	681 .02	271 .01	35 .00	1 .00	-	2460 .07	78.00
	12 10.75 -	12 .00	28 .00	42 .00	79 .00	108 .00	77 .00	12 .00	1 .00	-	359 .01	70.00
	13 11.75 -	10 .00	19 .00	37 .00	84 .00	128 .00	86 .00	200 .01	137 .00	1 .00	702 .02	115.00
	14 12.75 -	3 .00	6 .00	17 .00	21 .00	24 .00	36 .00	12 .00	-	-	119 .00	63.00
	15 13.75 -	-	7 .00	15 .00	11 .00	25 .00	10 .00	9 .00	2 .00	-	79 .00	90.00
	16 14.75 -	15 .00	17 .00	24 .00	63 .00	71 .00	45 .00	23 .00	9 .00	1 .00	268 .01	85.00
	17 CALM	23230 .63	3610 .10	315 .01	81 .00	16 .00	7 .00	2 .00	-	-	15656 .42	42917 1.16
18 TOTAL	886884 24.04	1790504 48.53	728882 19.75	173993 4.72	31540 .85	4549 .12	743 .02	174 .00	72502 1.96	3639771 100.00	115.00	
19 M A X	20.00	17.50	20.00	16.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	

Table 8 Wave Period vs. Wind Speed for All Seasons and the Whole Area
風速対波周期の頻度表

WIND SPEED (kt)

		WAVE PERIOD (sec)							
CODE		- 1 5	- 2 7	- 3 9	- 4 11	- 5 13	13 6	7 CALM	8 TOTAL
1	00 -	423358 11.94	203730 5.75	121477 3.43	33876 .96	20084 .57	9312 .26	22003 .62	833840 23.53
2	10 -	829267 23.40	448868 12.66	294494 8.31	84498 2.38	45621 1.29	20587 .58	10694 .30	1734029 48.92
3	20 -	266958 7.53	191259 5.40	154023 4.35	54397 1.53	29171 .82	11410 .32	3217 .09	710435 20.04
4	30 -	47110 1.33	41769 1.18	43042 1.21	17817 .50	12378 .35	6046 .17	595 .02	168757 4.76
5	40 -	6869 .19	7762 .22	7387 .21	3394 .10	3002 .08	1951 .06	128 .00	30493 .85
6	50 -	94 .00	2010 .06	896 .03	475 .01	435 .01	450 .01	22 .00	4382 .12
7	60 -	10 .00	217 .01	83 .00	210 .01	70 .00	92 .00	7 .00	689 .02
8	70 -	2 .00	2 .00	7 .00	120 .00	6 .00	13 .00	- -	150 .00
9	CALM	13541 .38	13169 .37	8337 .24	3172 .09	1869 .05	961 .03	20493 .58	61542 1.74
10	TOTAL	1587209 44.78	908786 25.64	629746 17.77	197959 5.59	112636 3.18	50822 1.43	57159 1.61	3544317 100.00
11	M A X	91.00	70.00	80.00	115.00	80.00	80.00	63.00	115.00

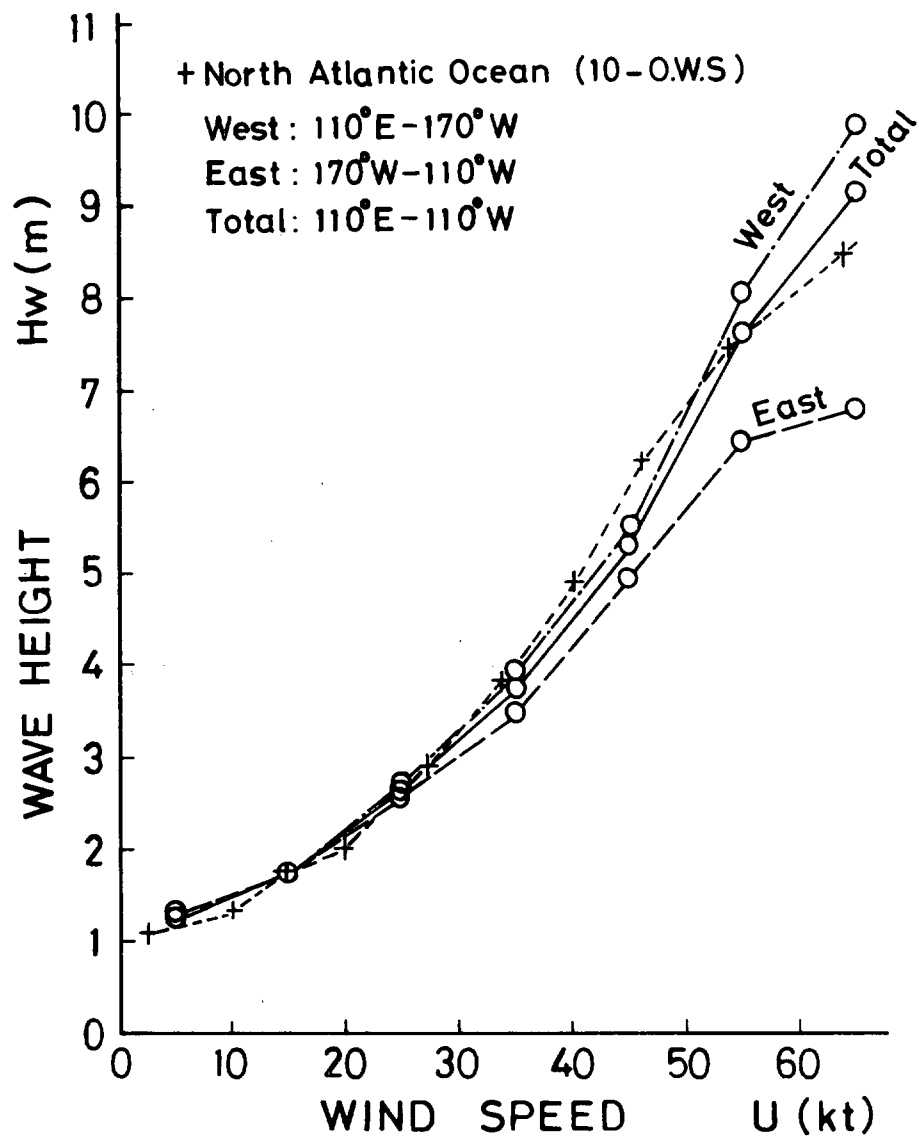


Fig. 4 Mean Value of Wave Height vs. Wind Speed
風速対波高平均値

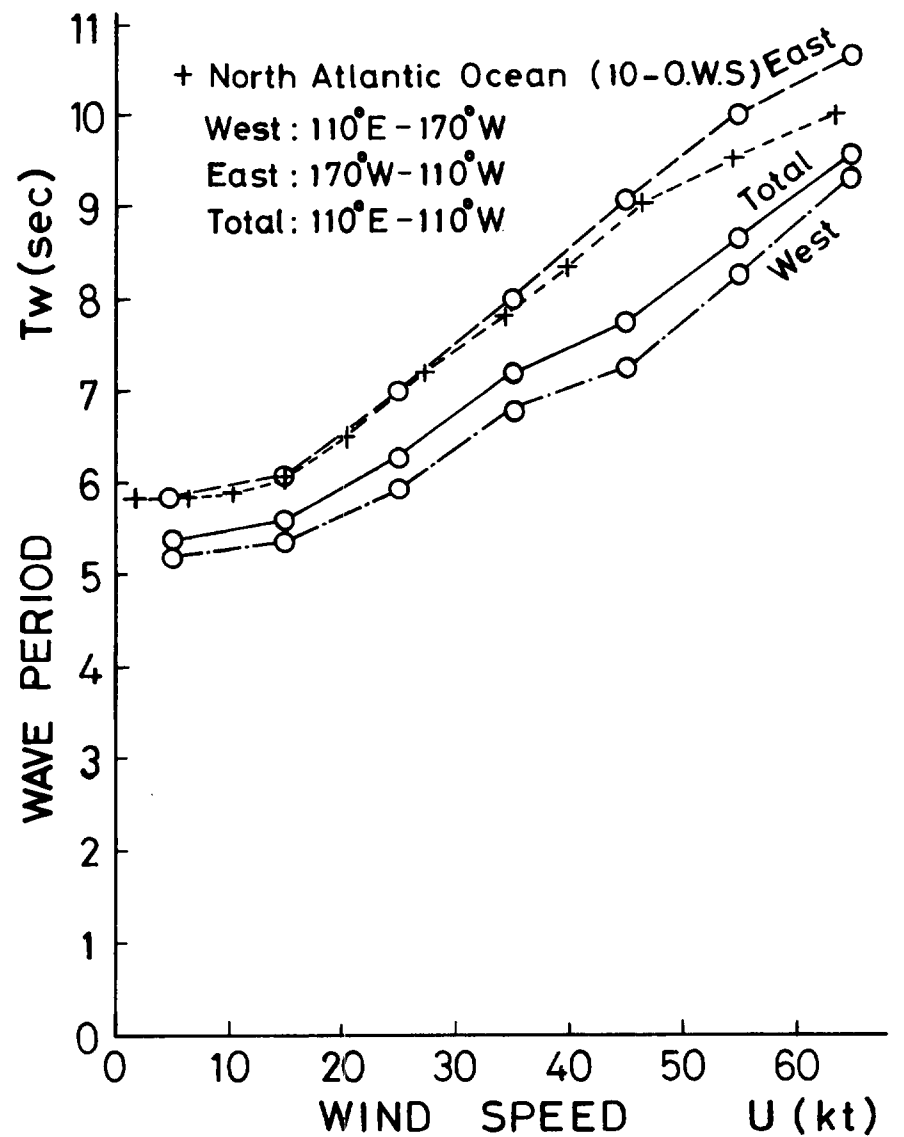


Fig. 5 Mean Value of Wave Period vs. Wind Speed
風速対波周期平均値

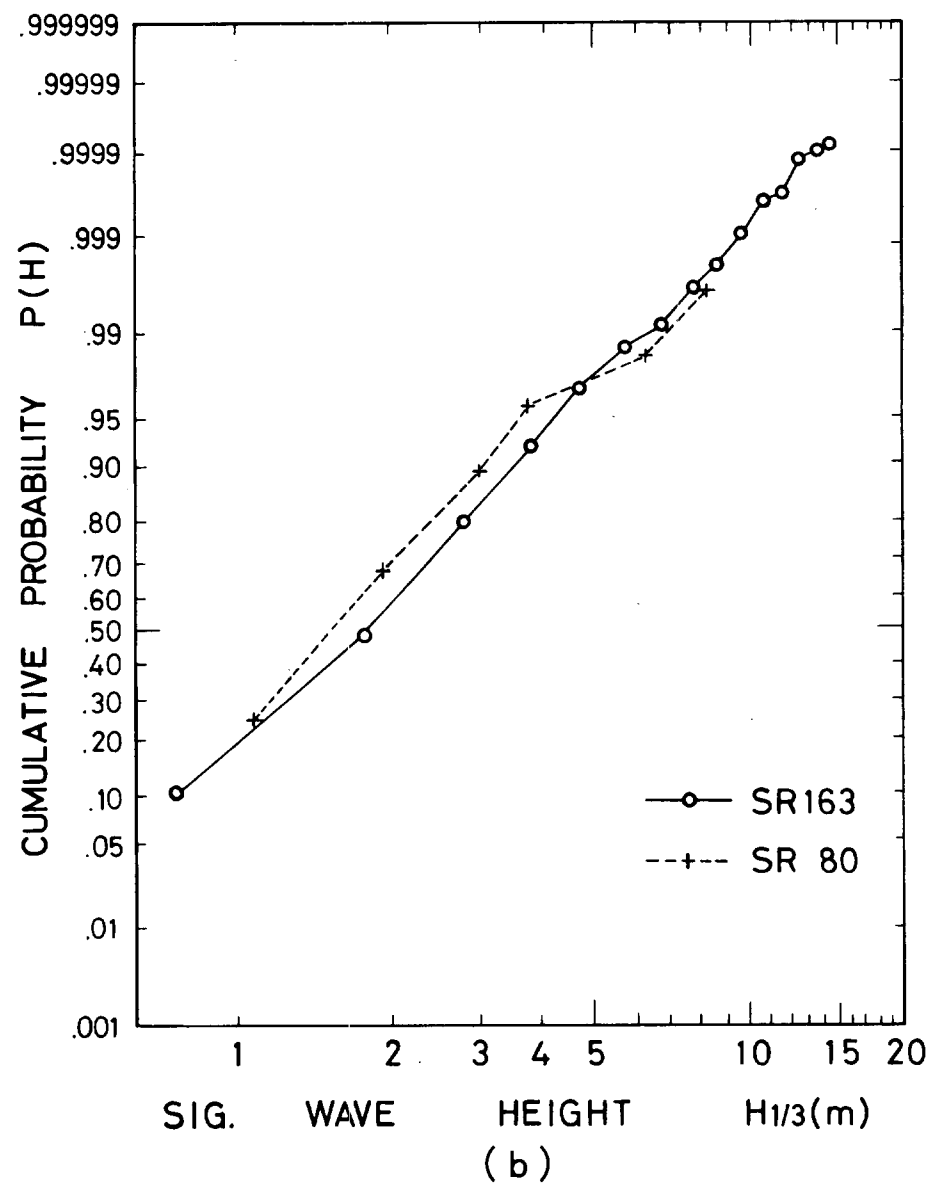
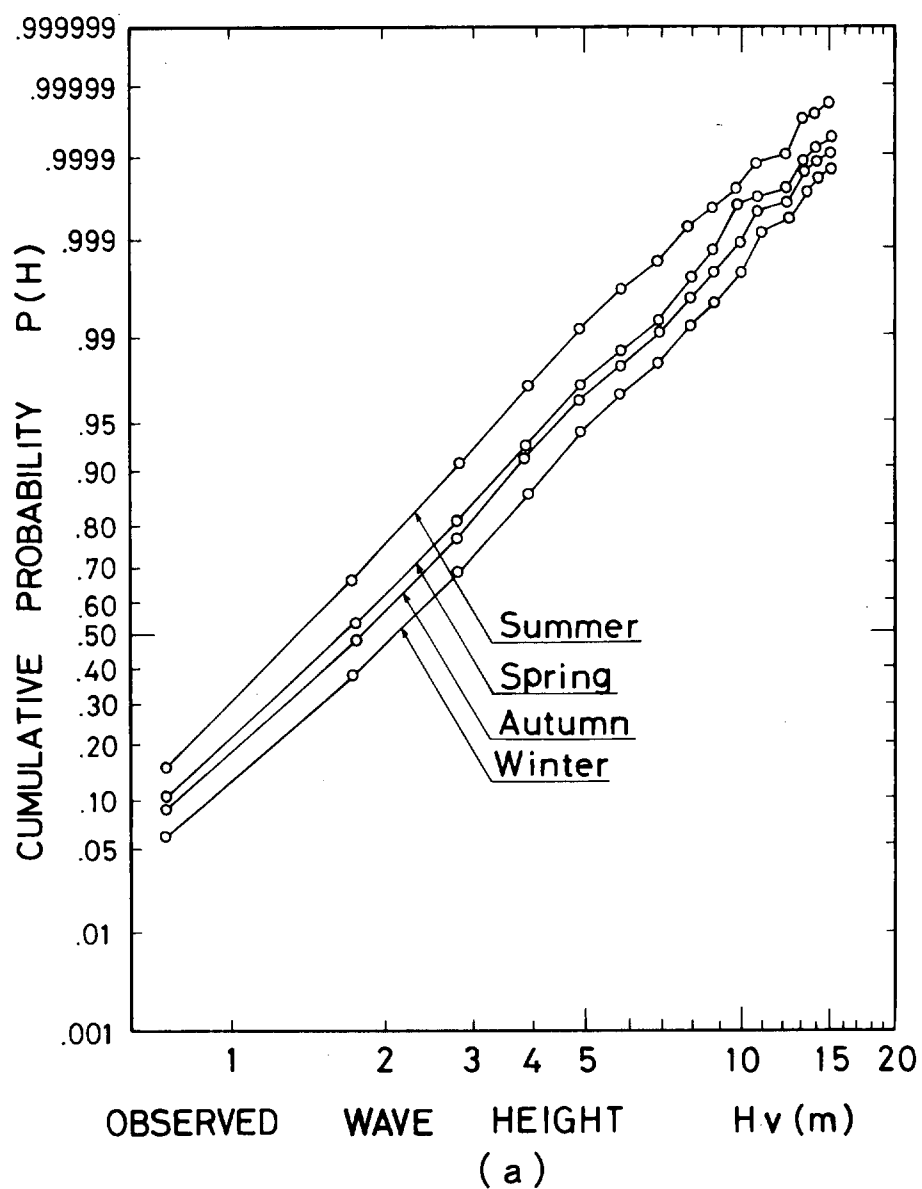


Fig. 6 Cumulative Probability of Wave Height Represented
on the Log-normal Distribution Diagram
対数正規分布確率紙に画いた波高の累積確率

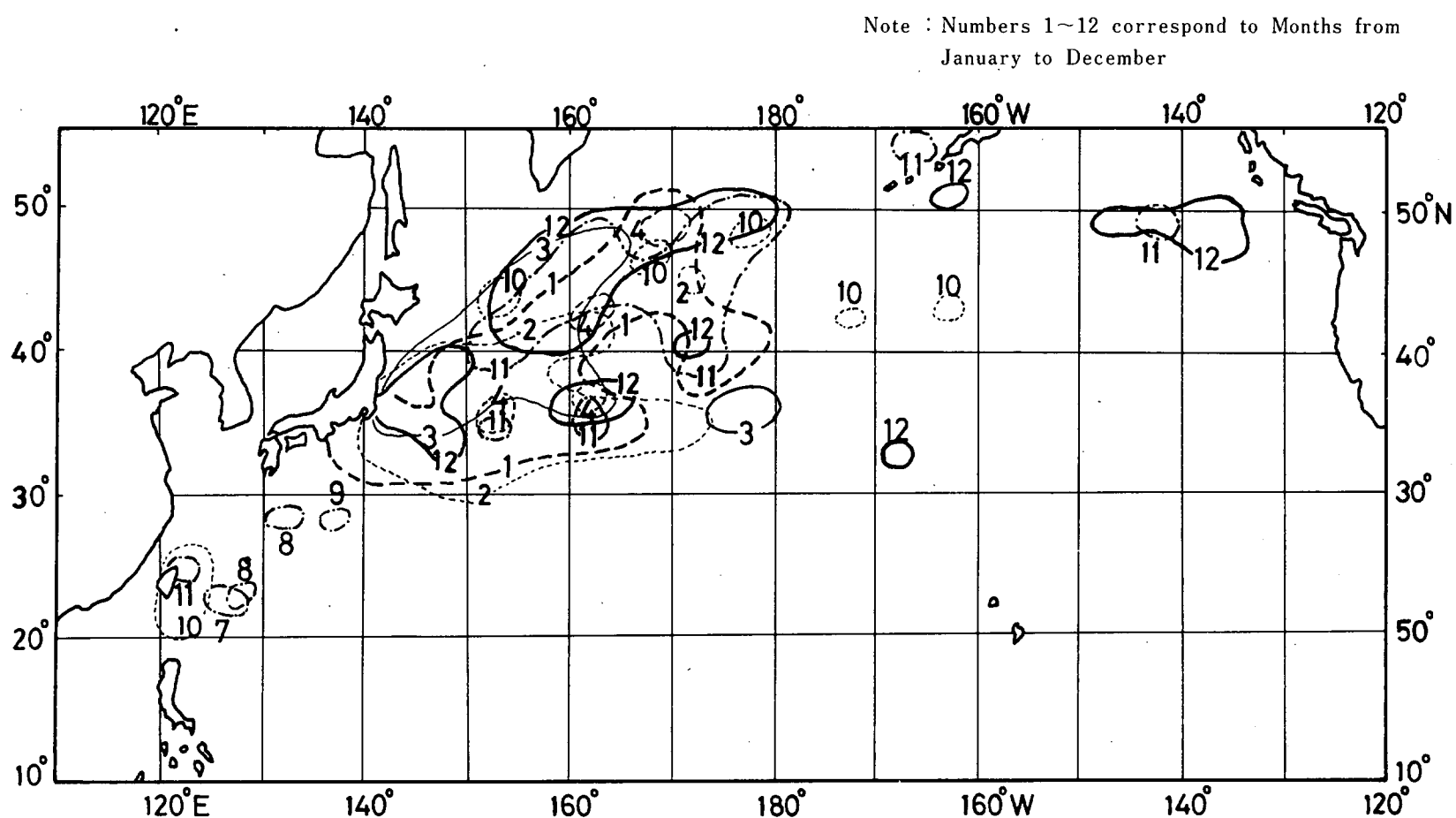


Fig. 7 Area Distribution Where Strong Winds Over 50 knots
Has Been Observed More Than 10 Times in Each Month through 10 Years
10年間を通じ10回以上、50ktをこえる風速が観測された海域の月毎分布

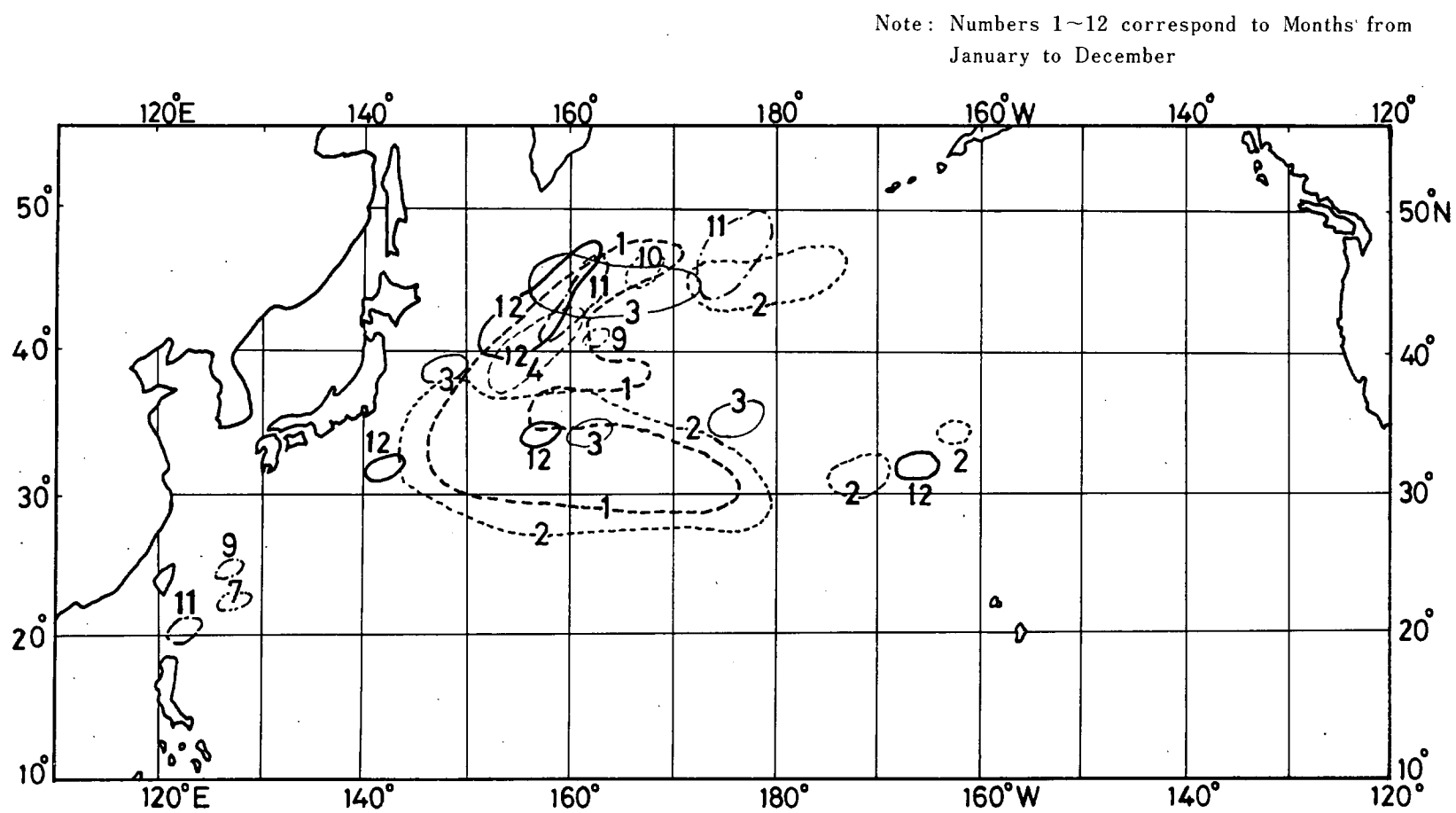
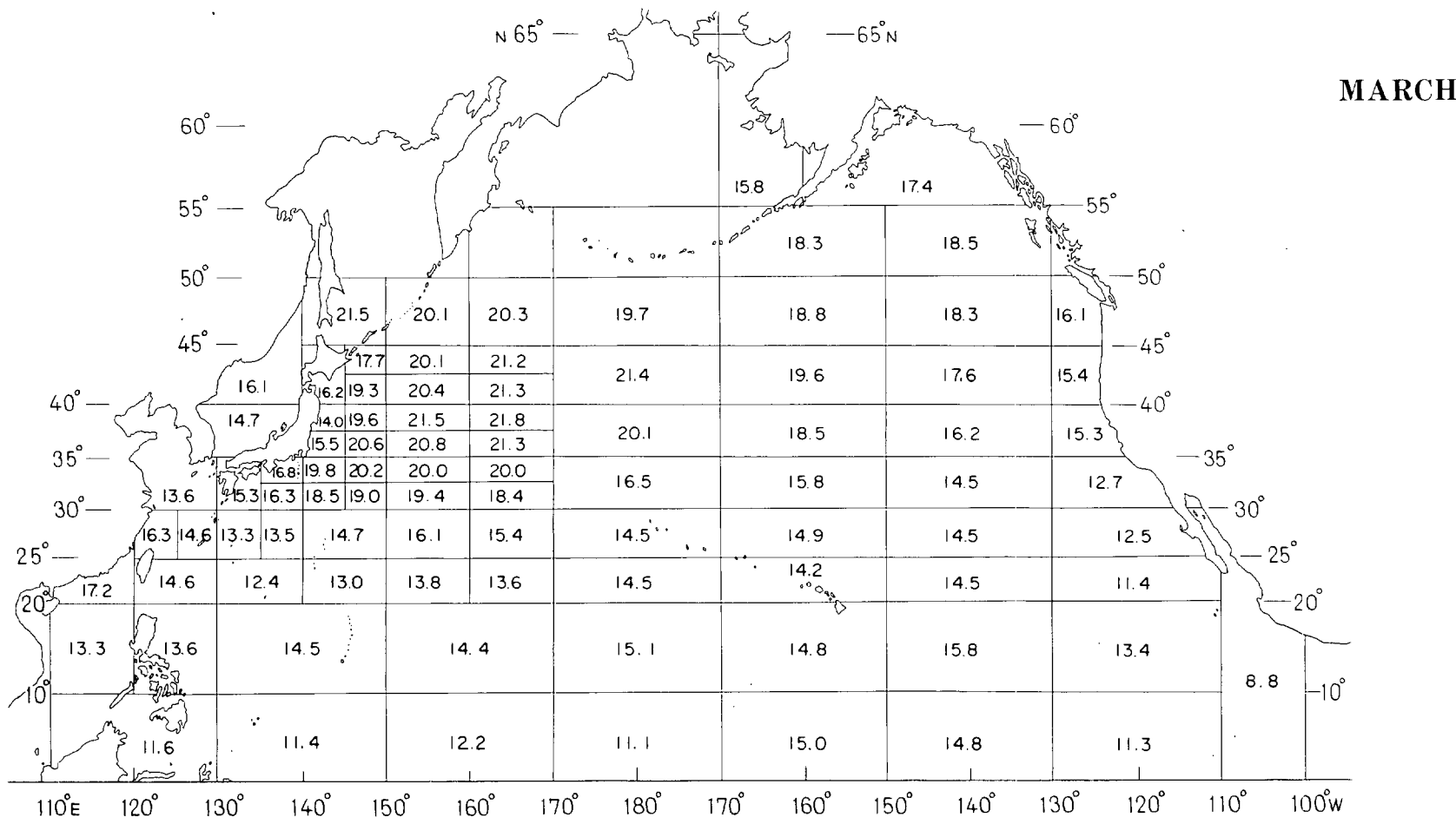
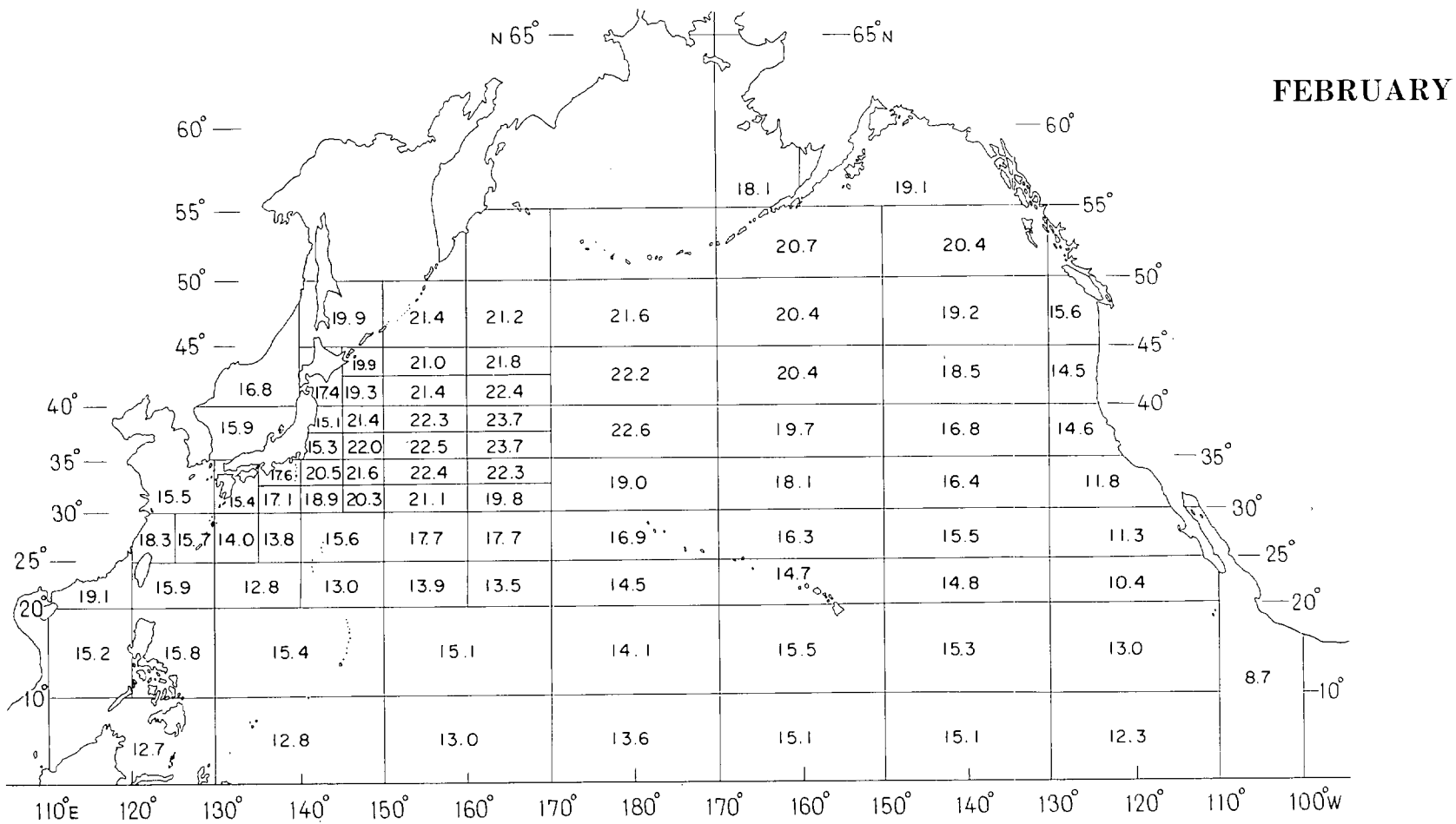
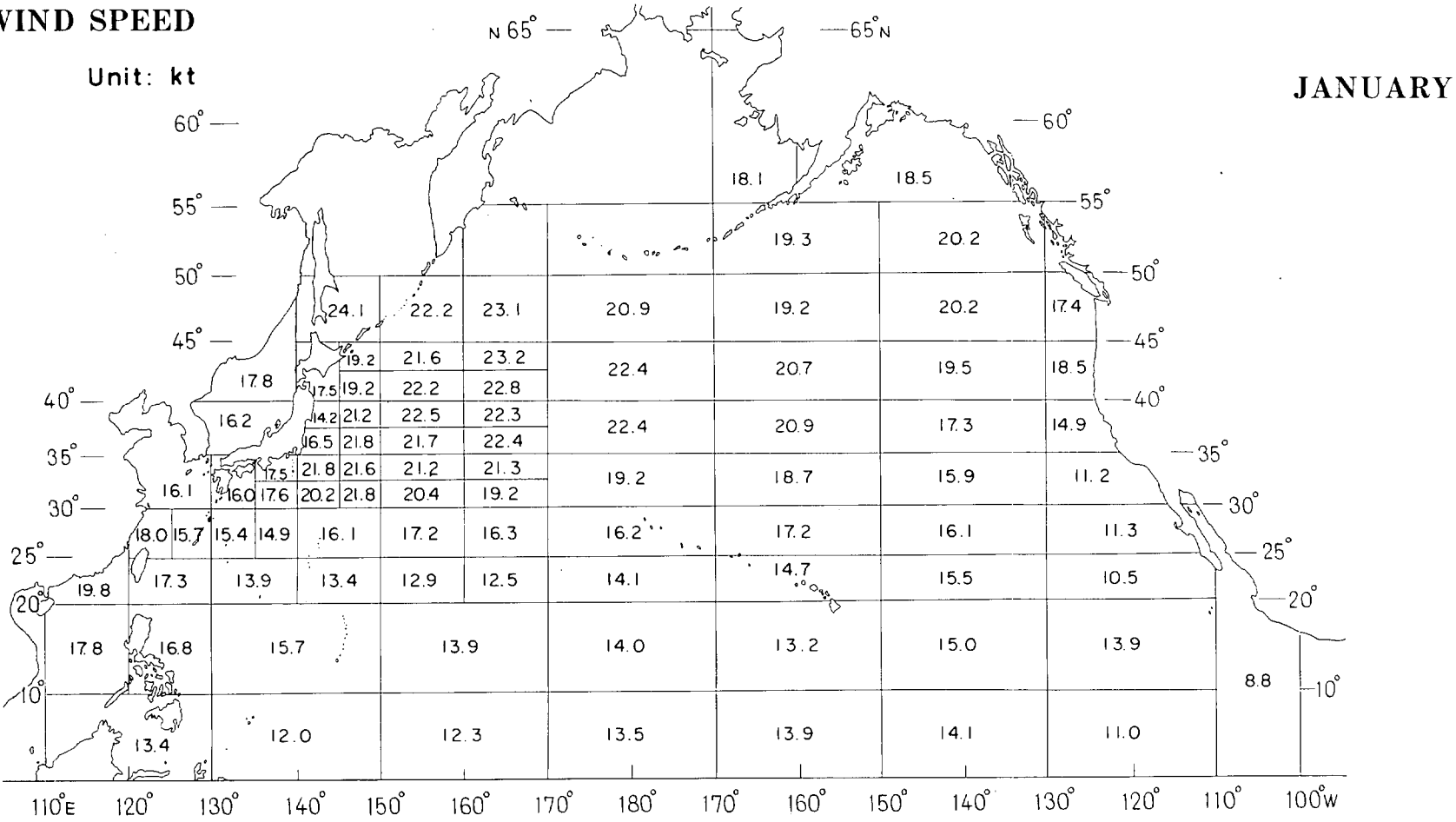


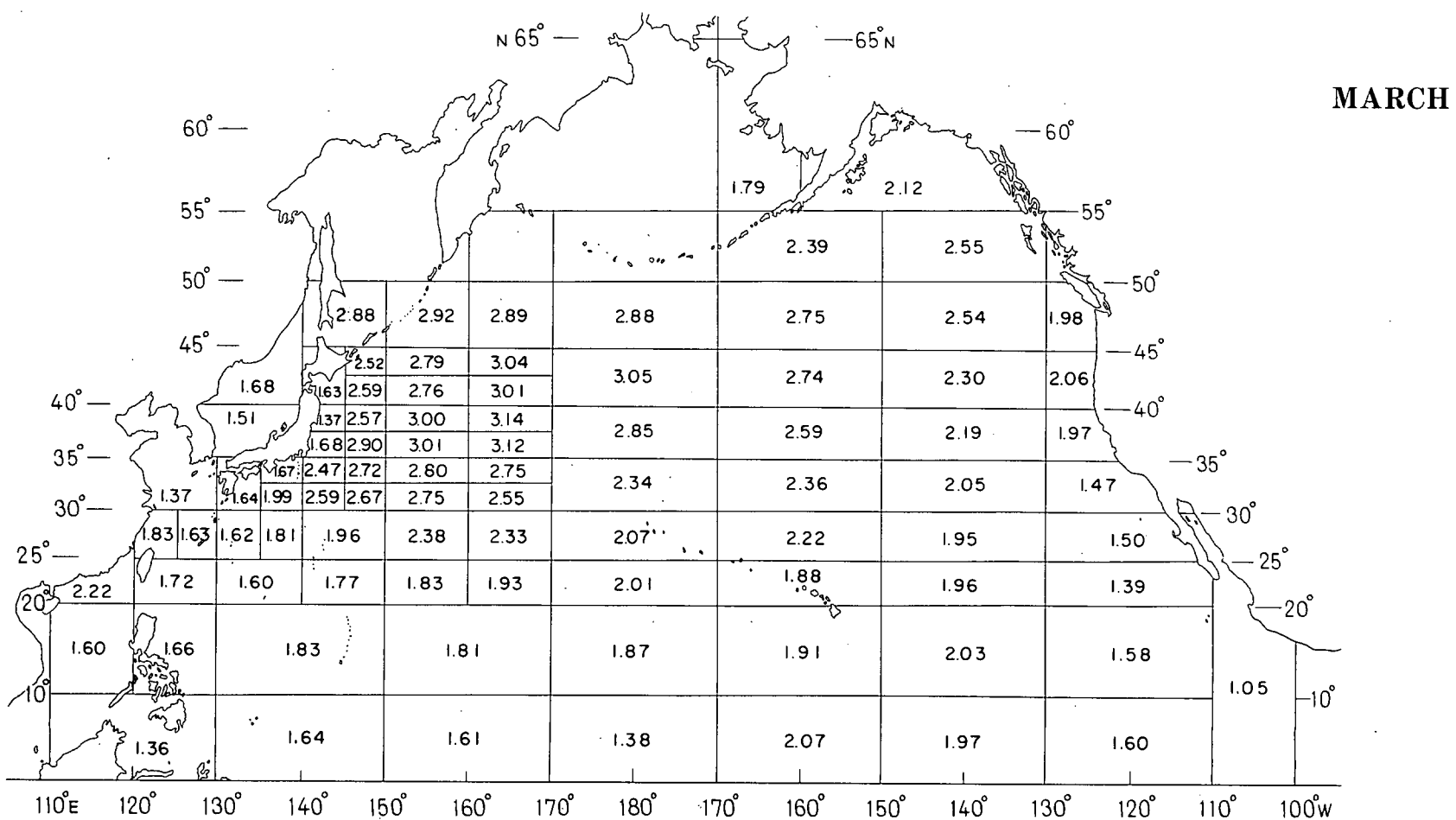
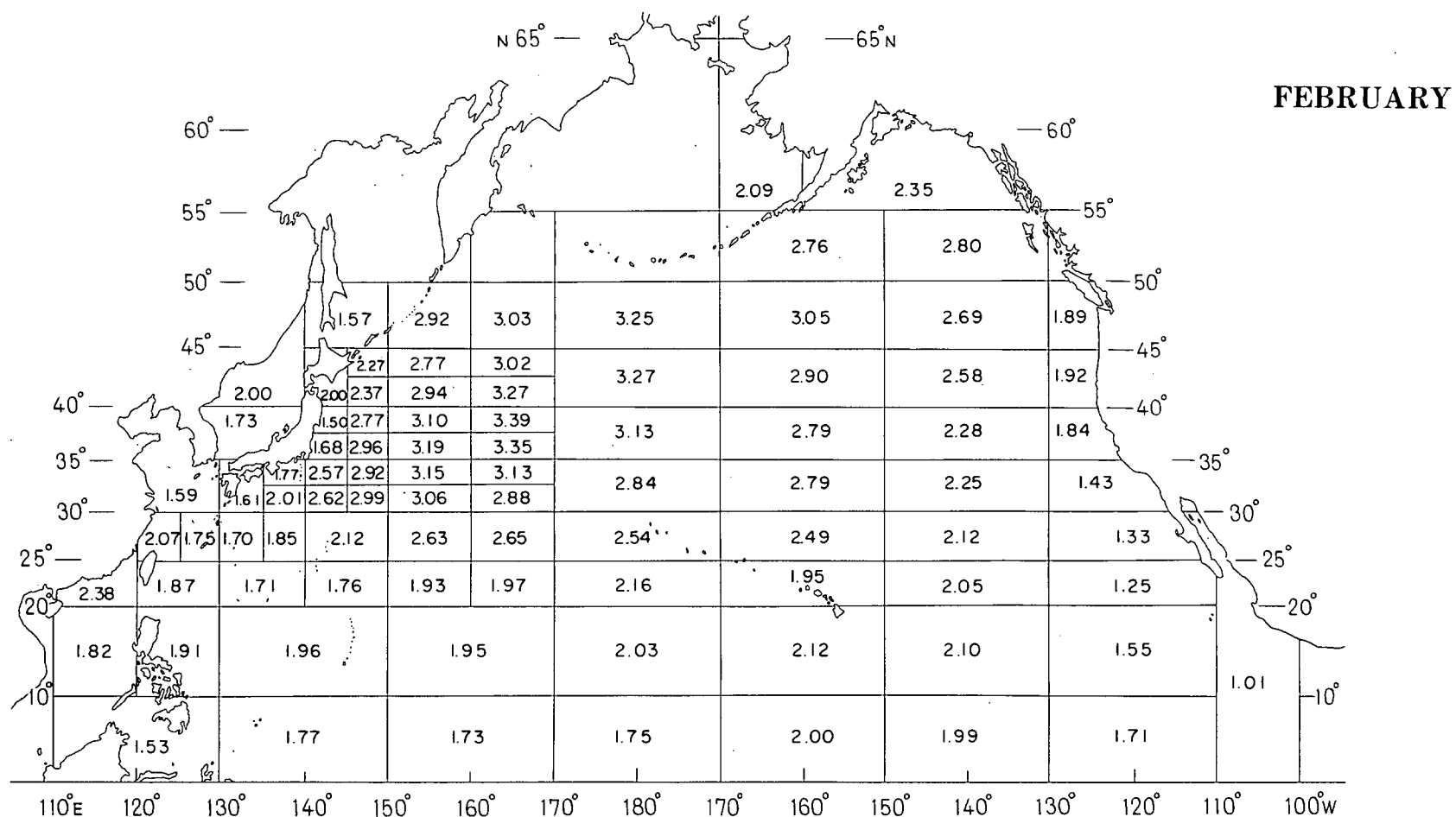
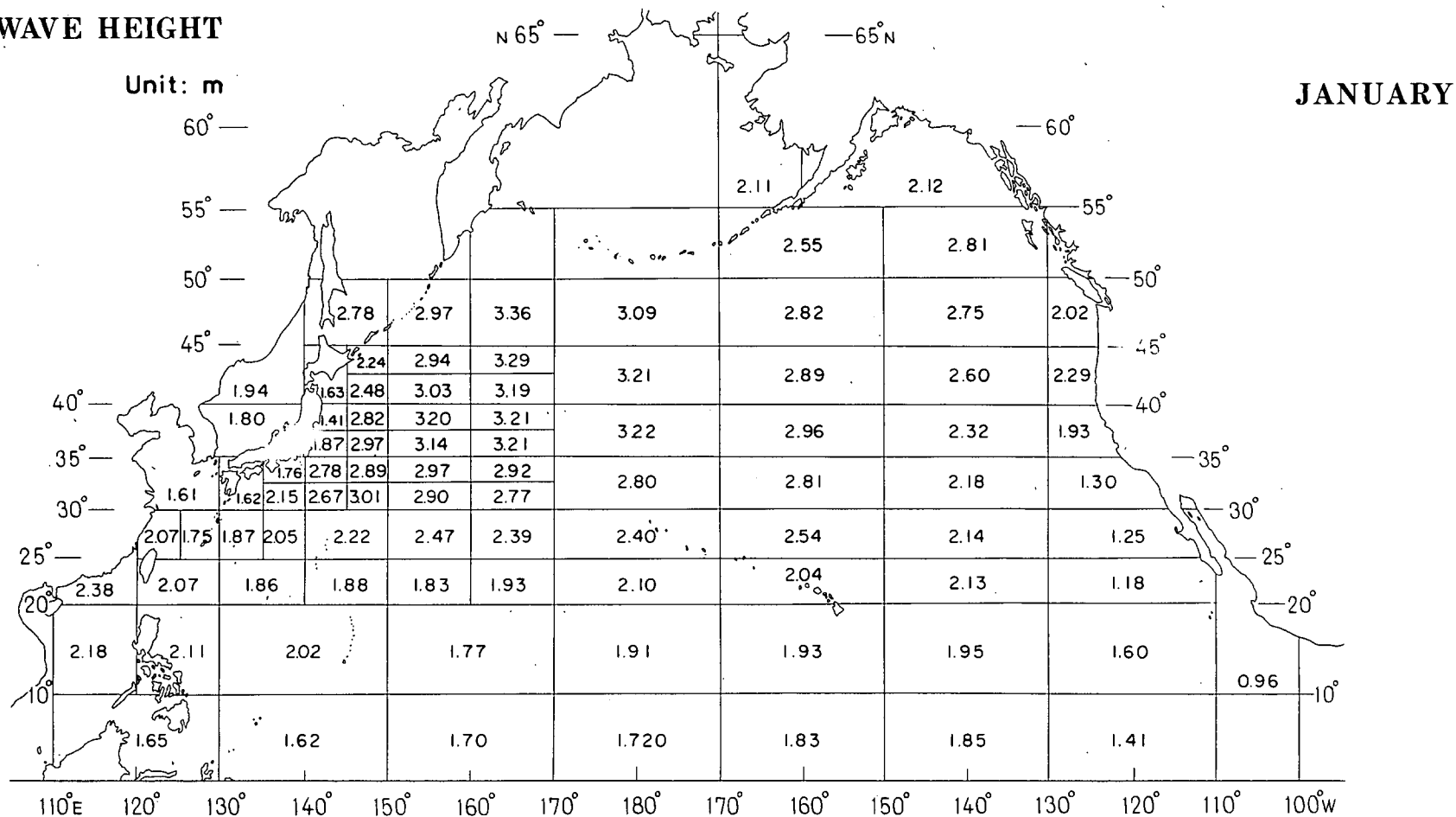
Fig. 8 Area Distribution Where High Wave Over 10 m Has
Been Observed More Than 10 Times in Each Month through 10 Years
10年間を通じ10回以上、10mをこえる波高が観測された海域の月毎分布

§ 5 Maps of Mean Wind Speed and Mean Wave Height

MEAN WIND SPEED

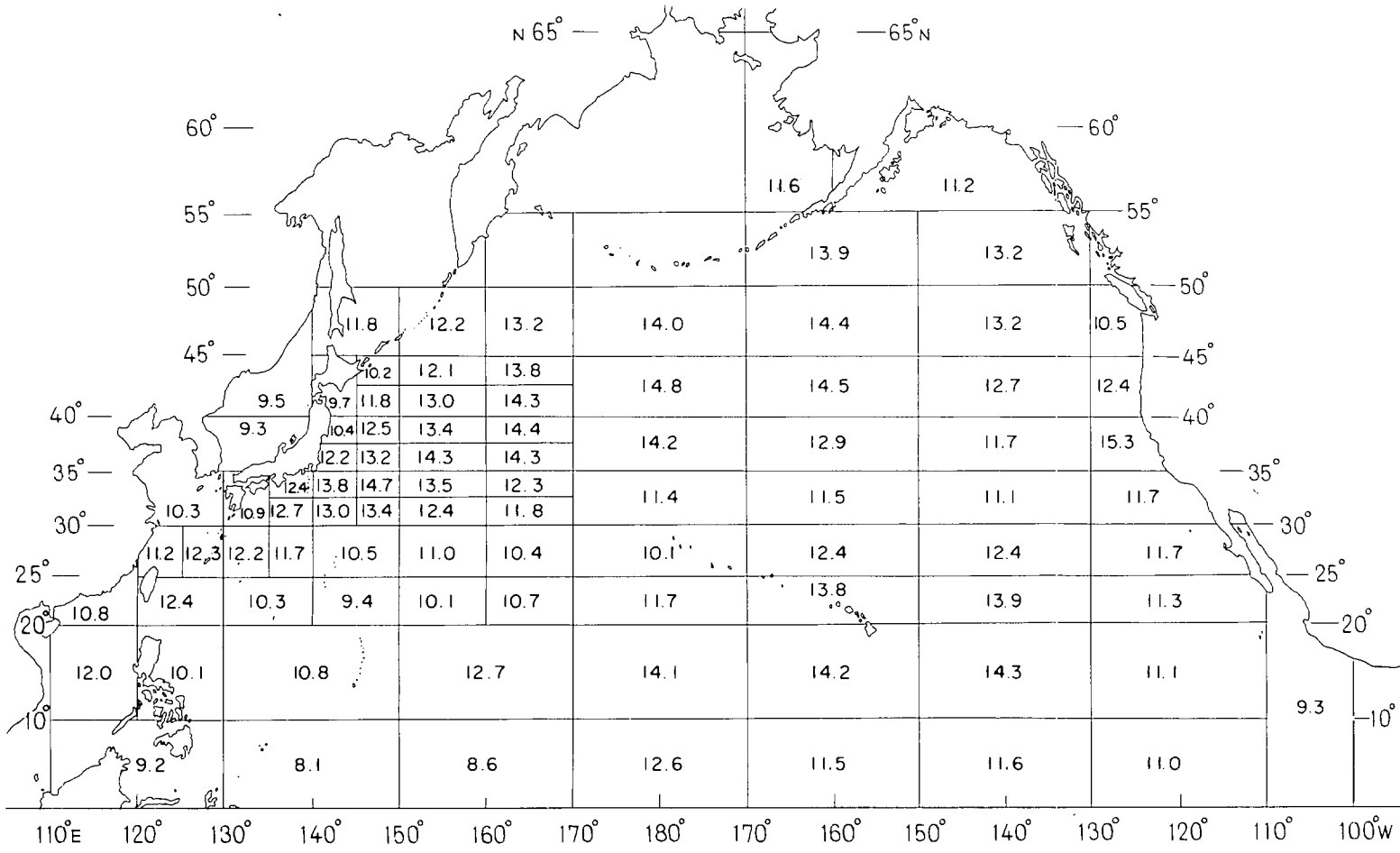
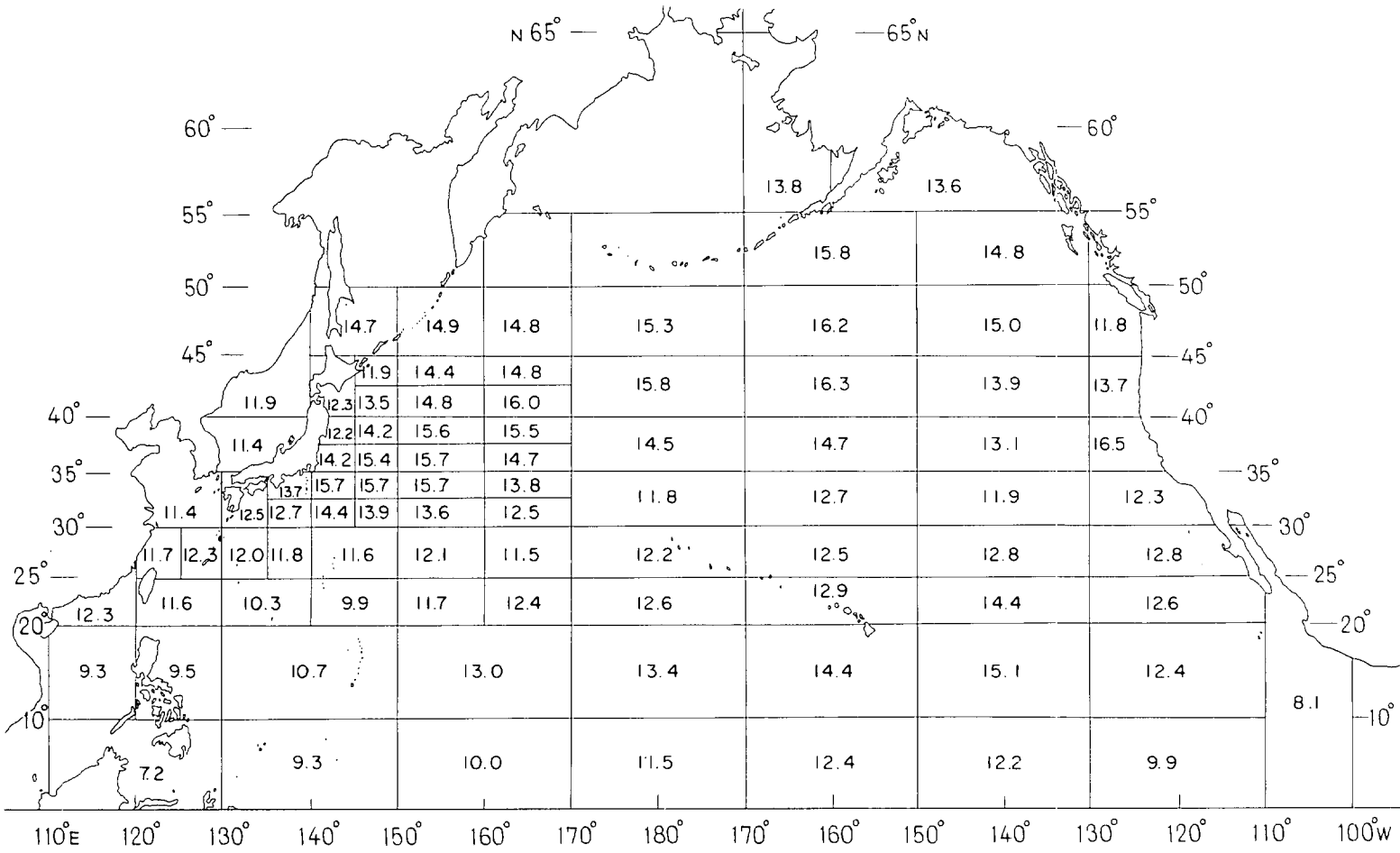
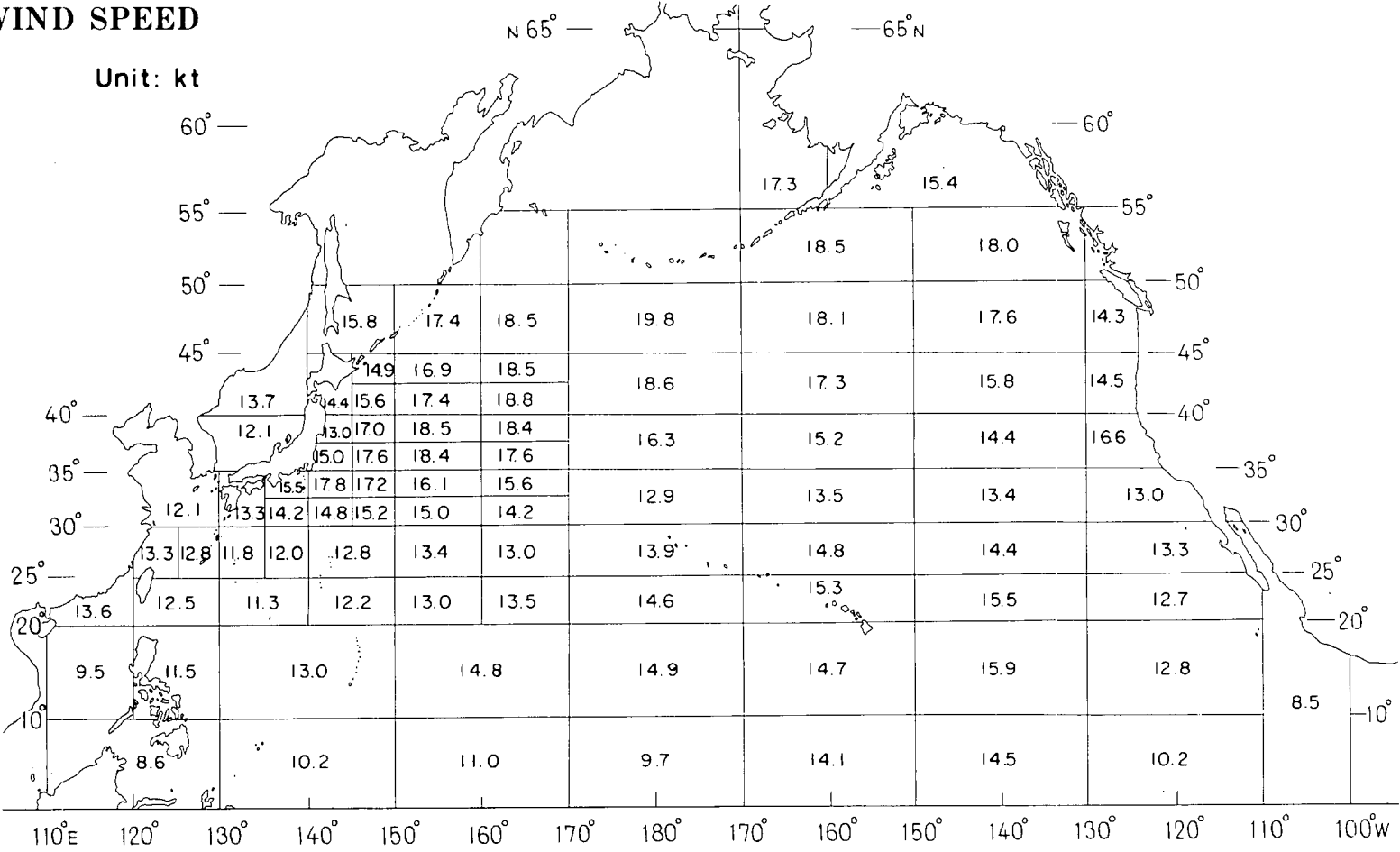


MEAN WAVE HEIGHT



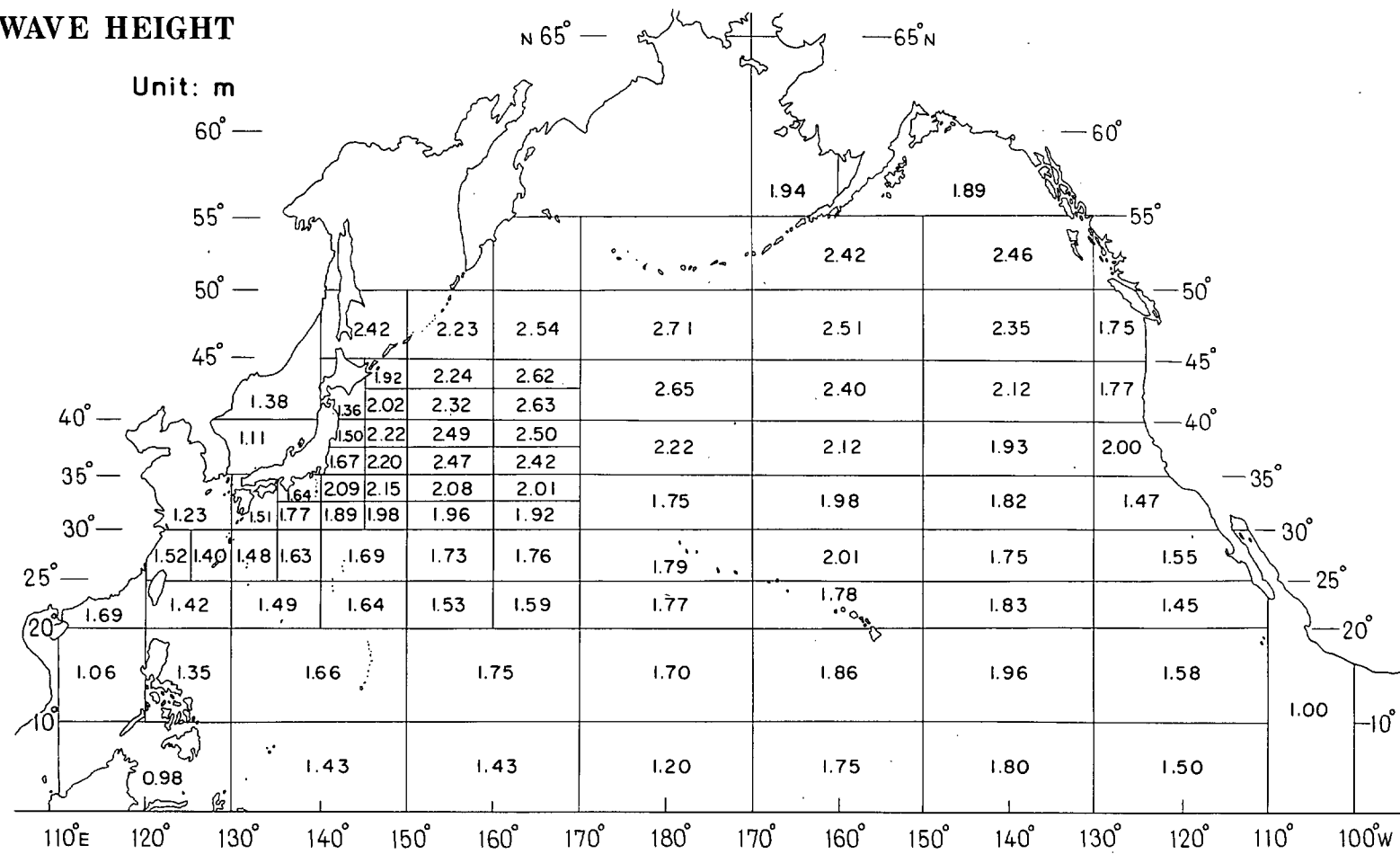
MEAN WIND SPEED

§ 5

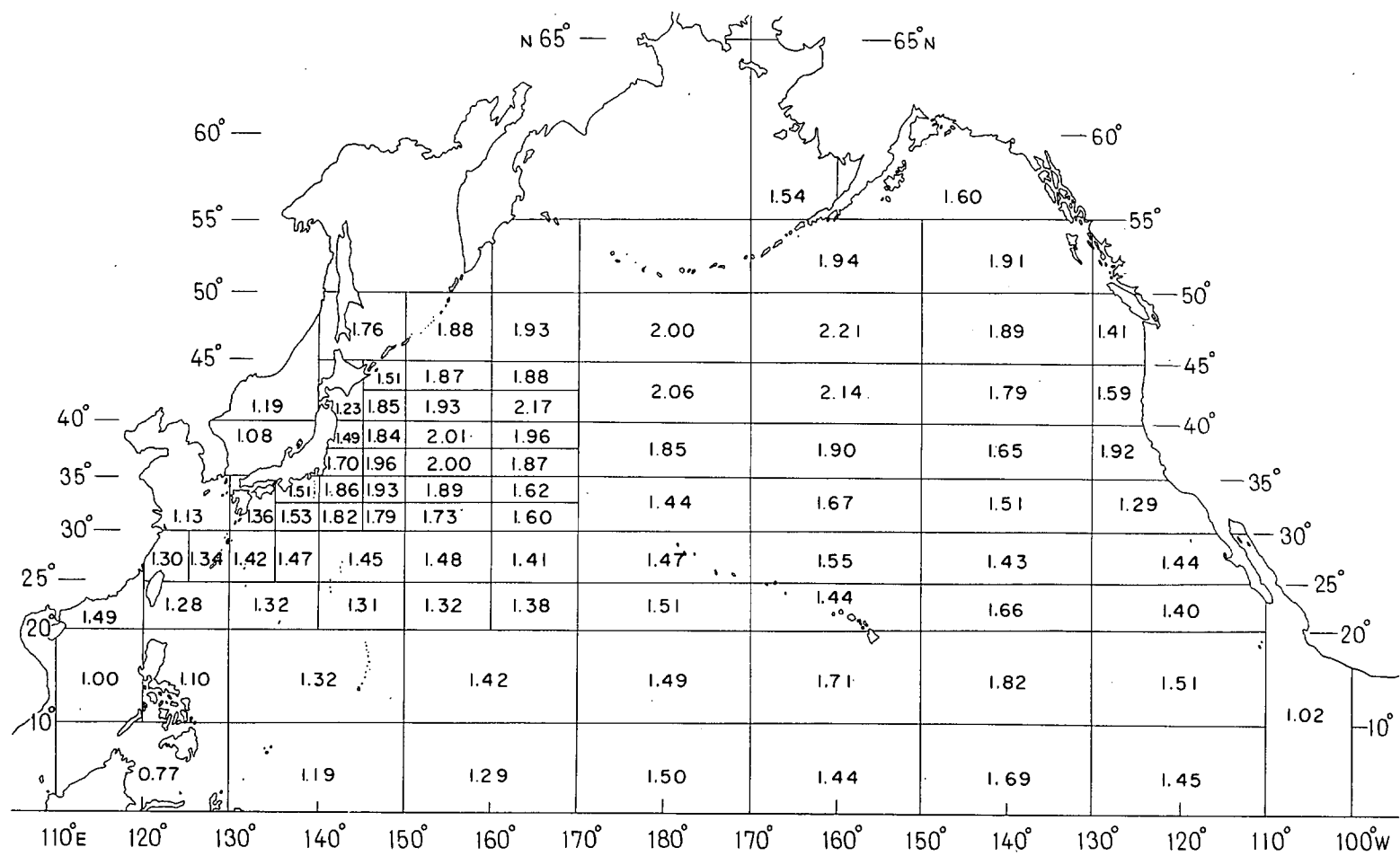


MEAN WAVE HEIGHT

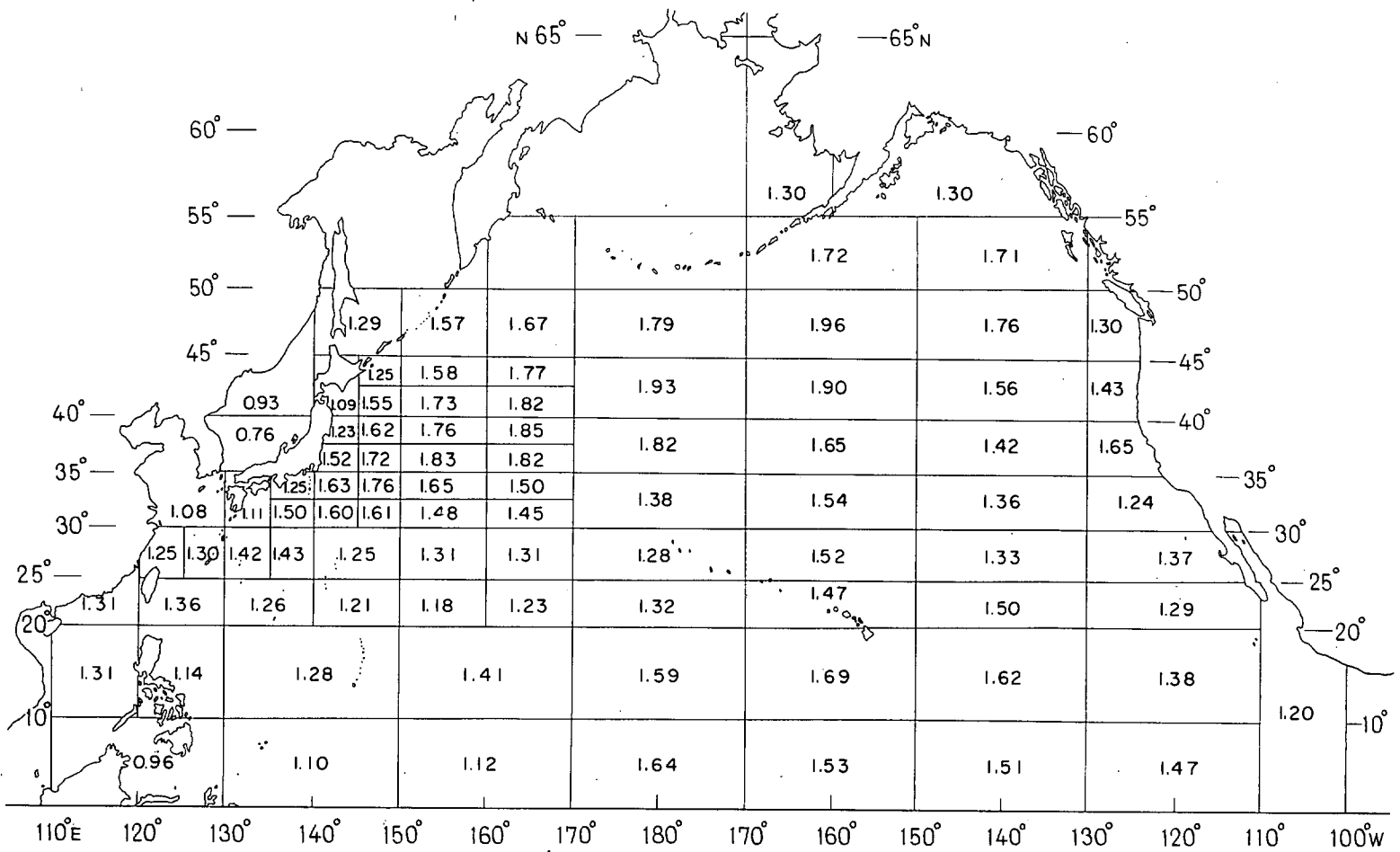
APRIL



MAY

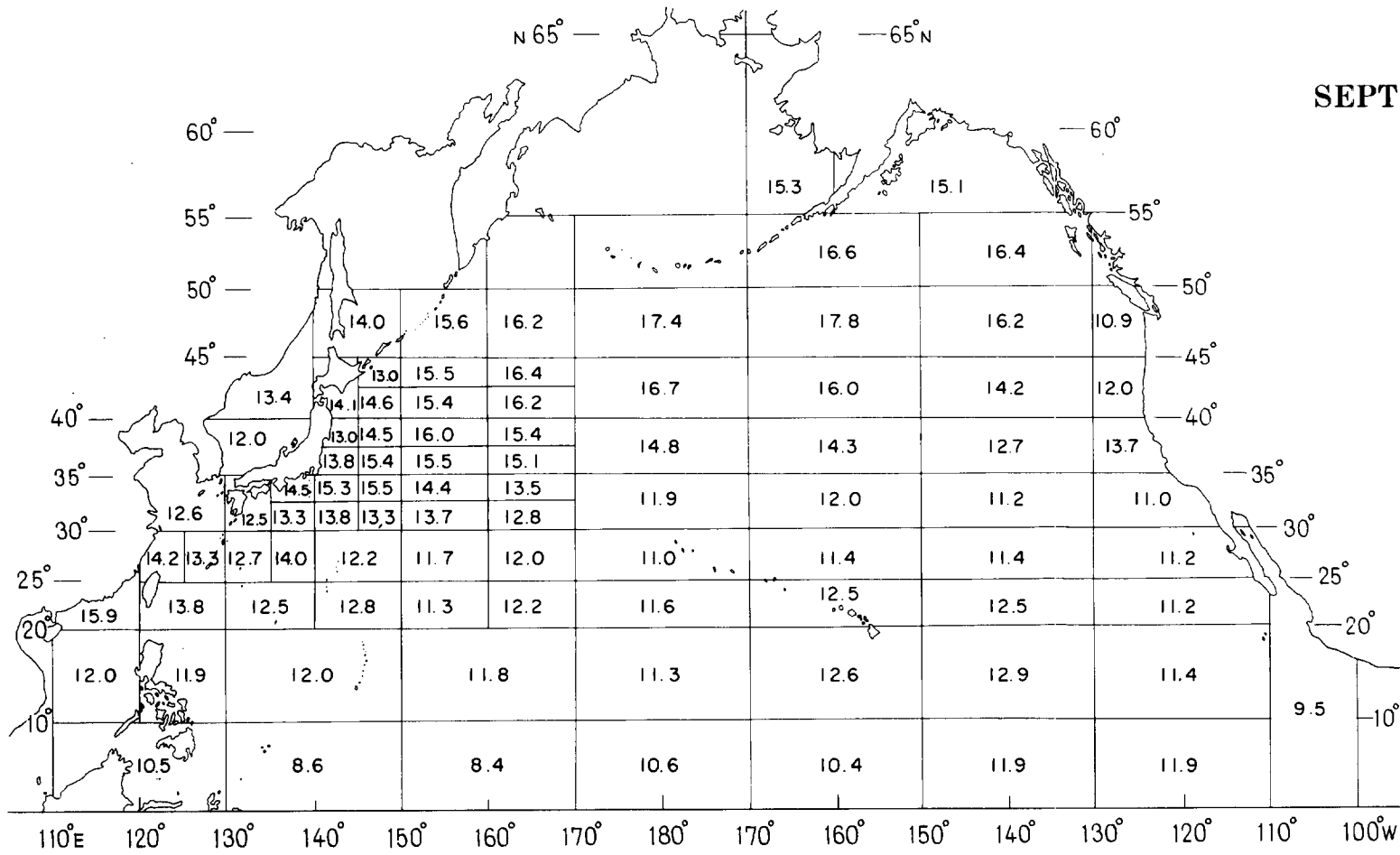
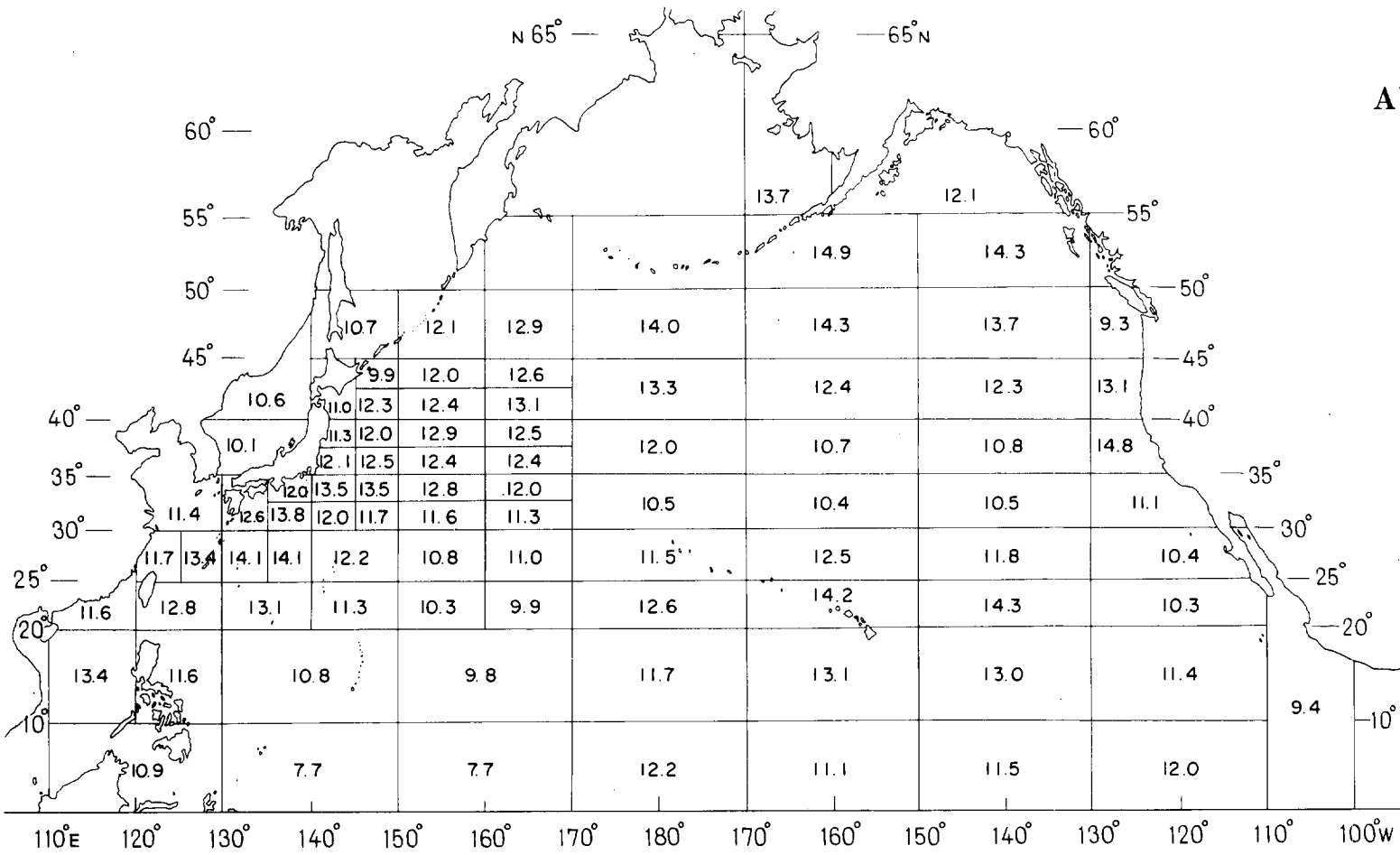
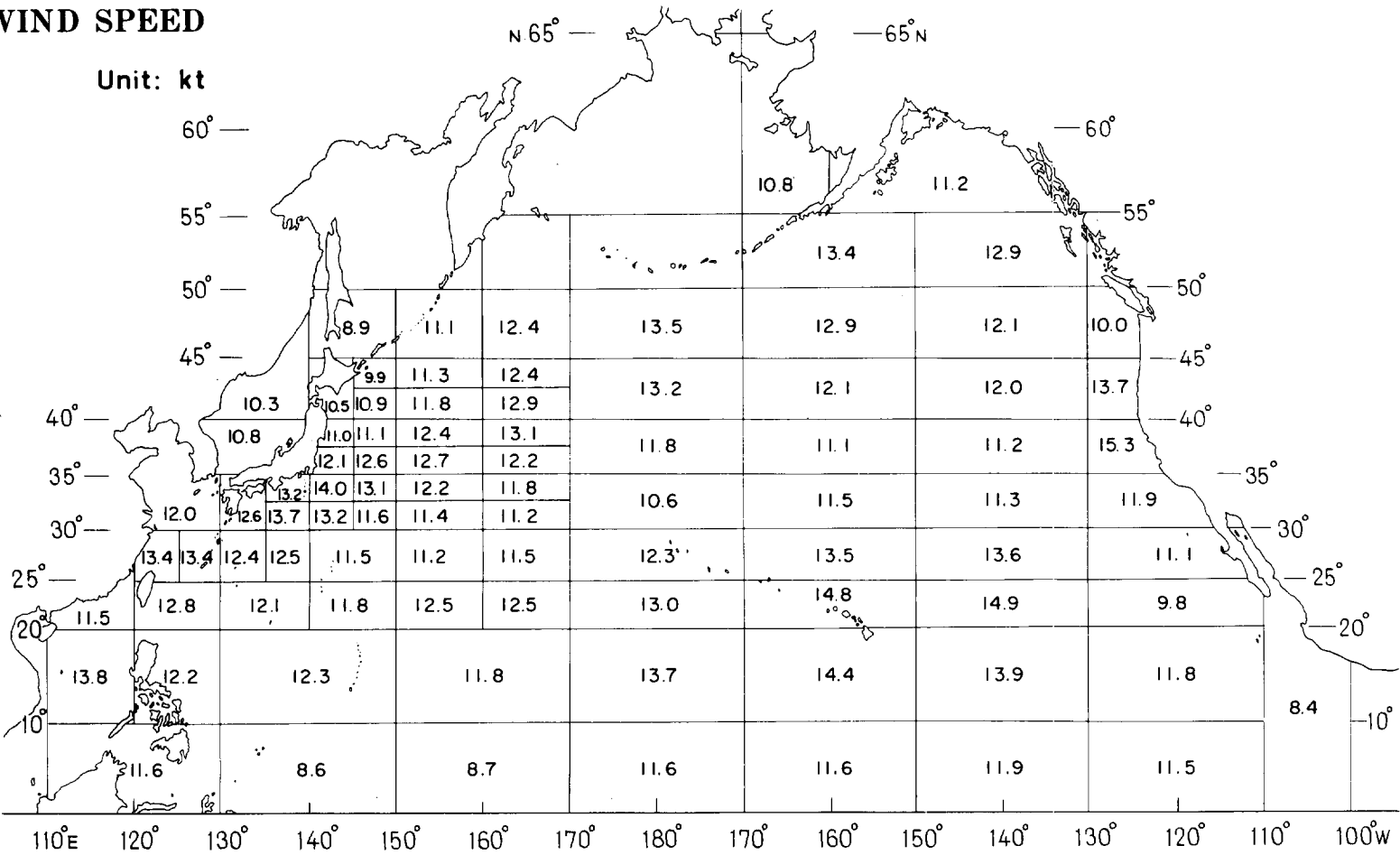


JUNE



MEAN WIND SPEED

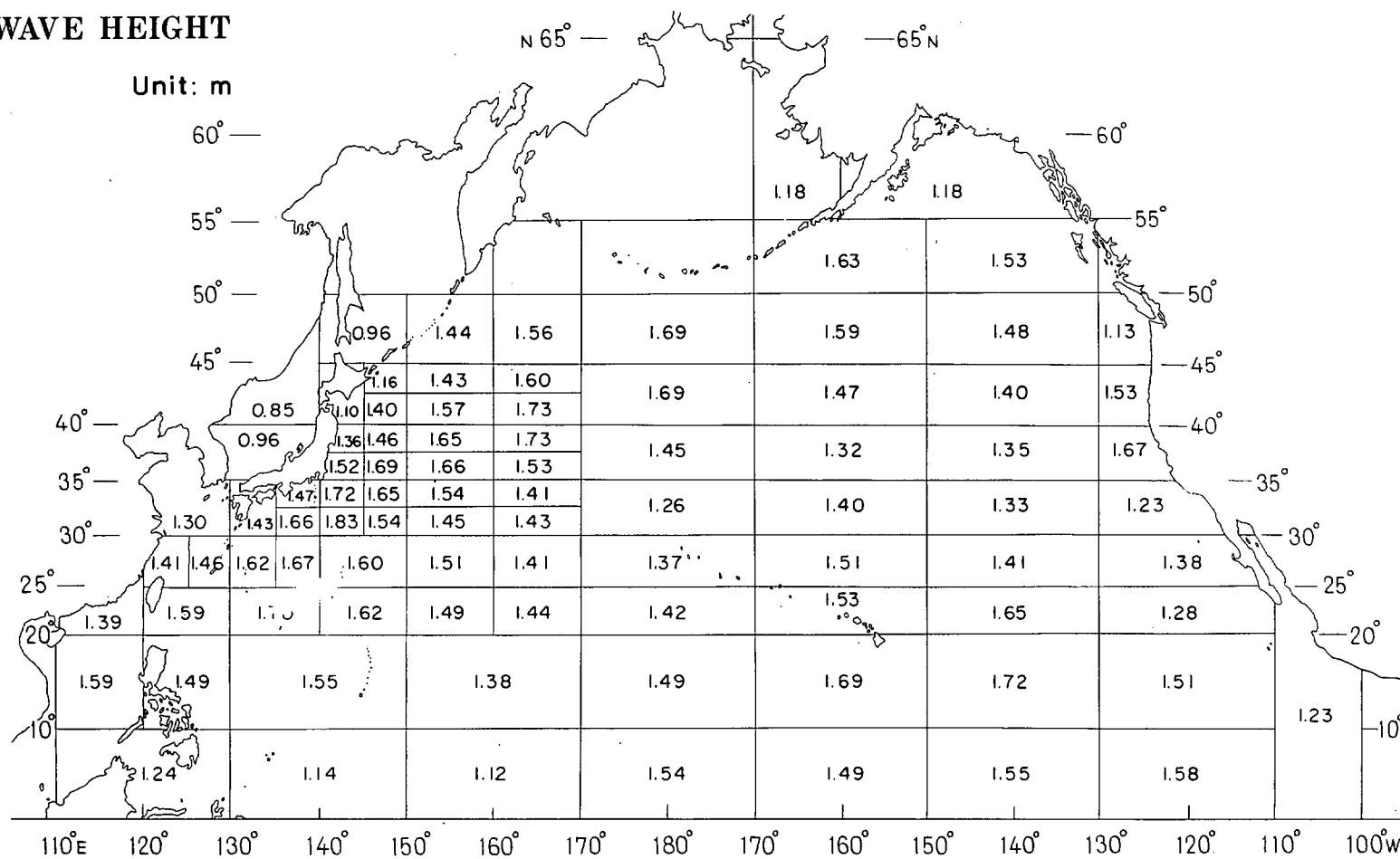
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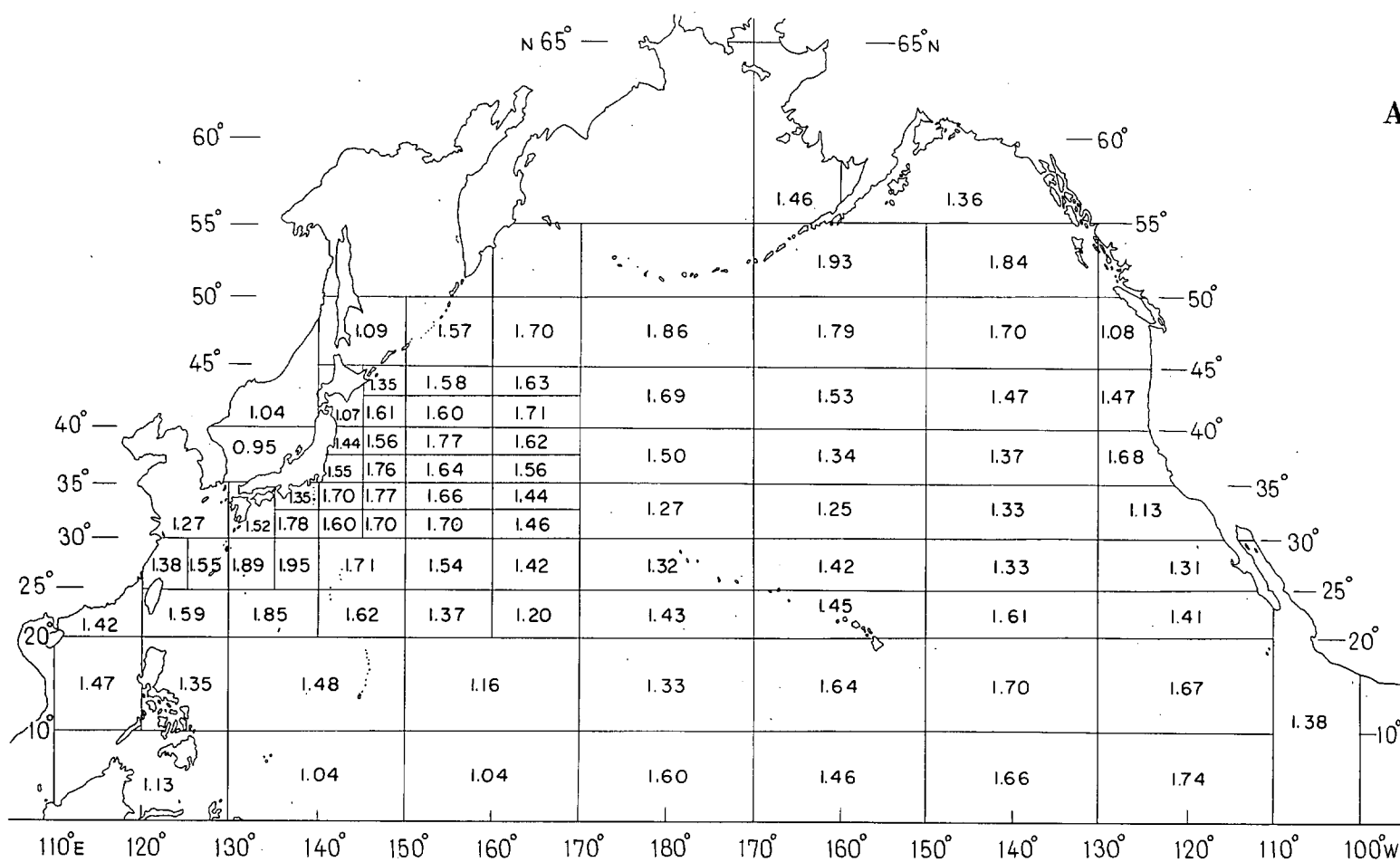
MEAN WAVE HEIGHT

§ 5

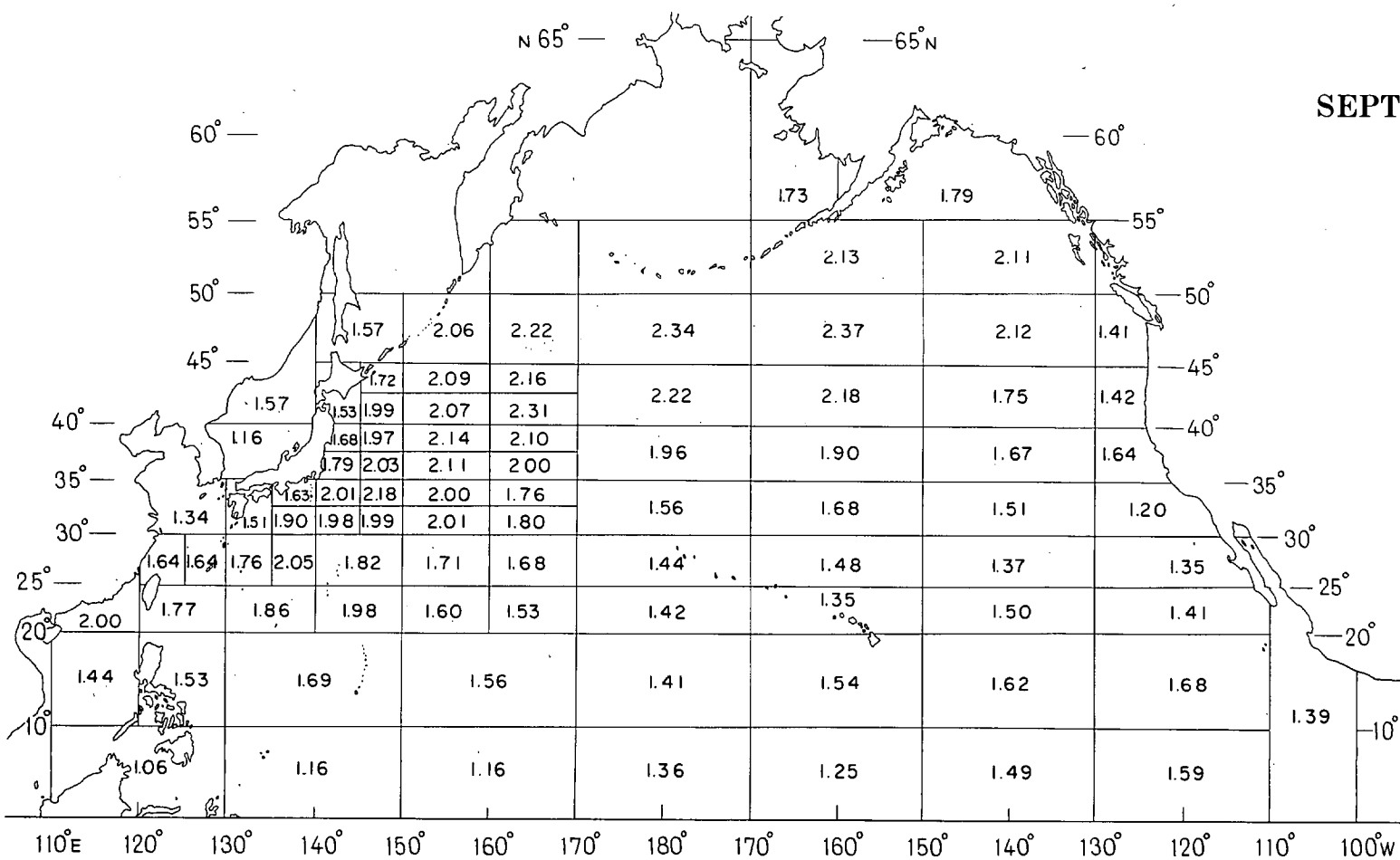
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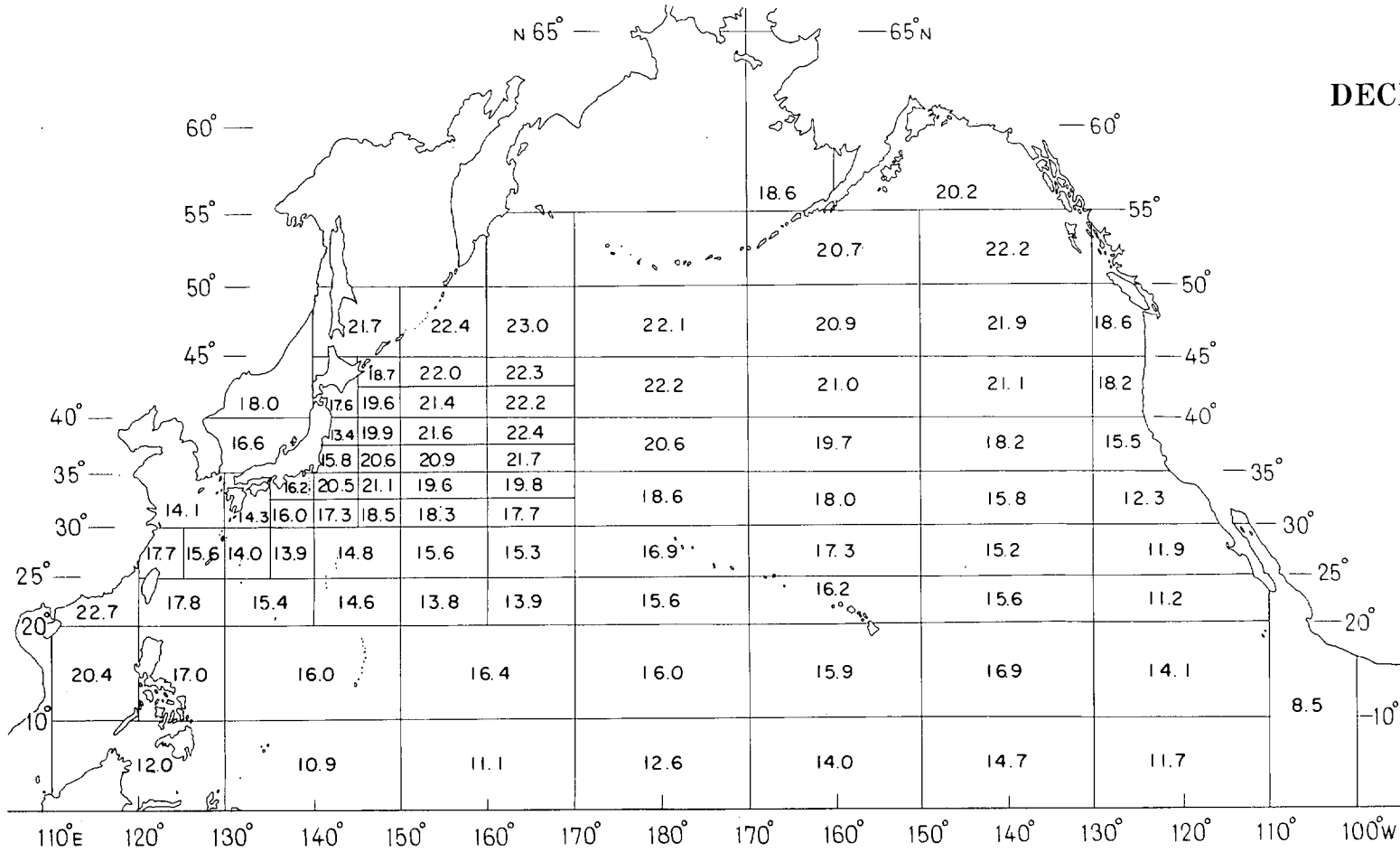
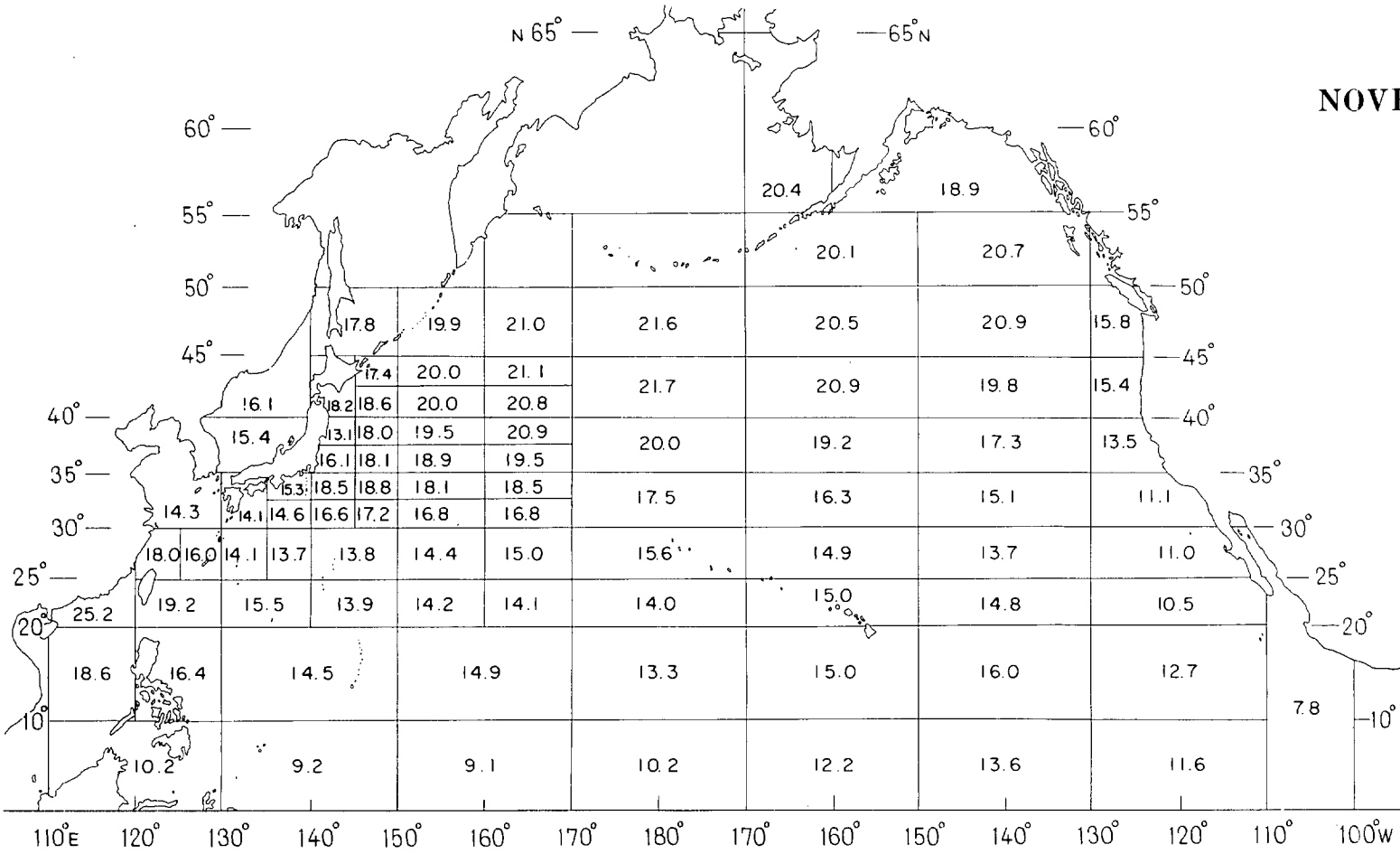
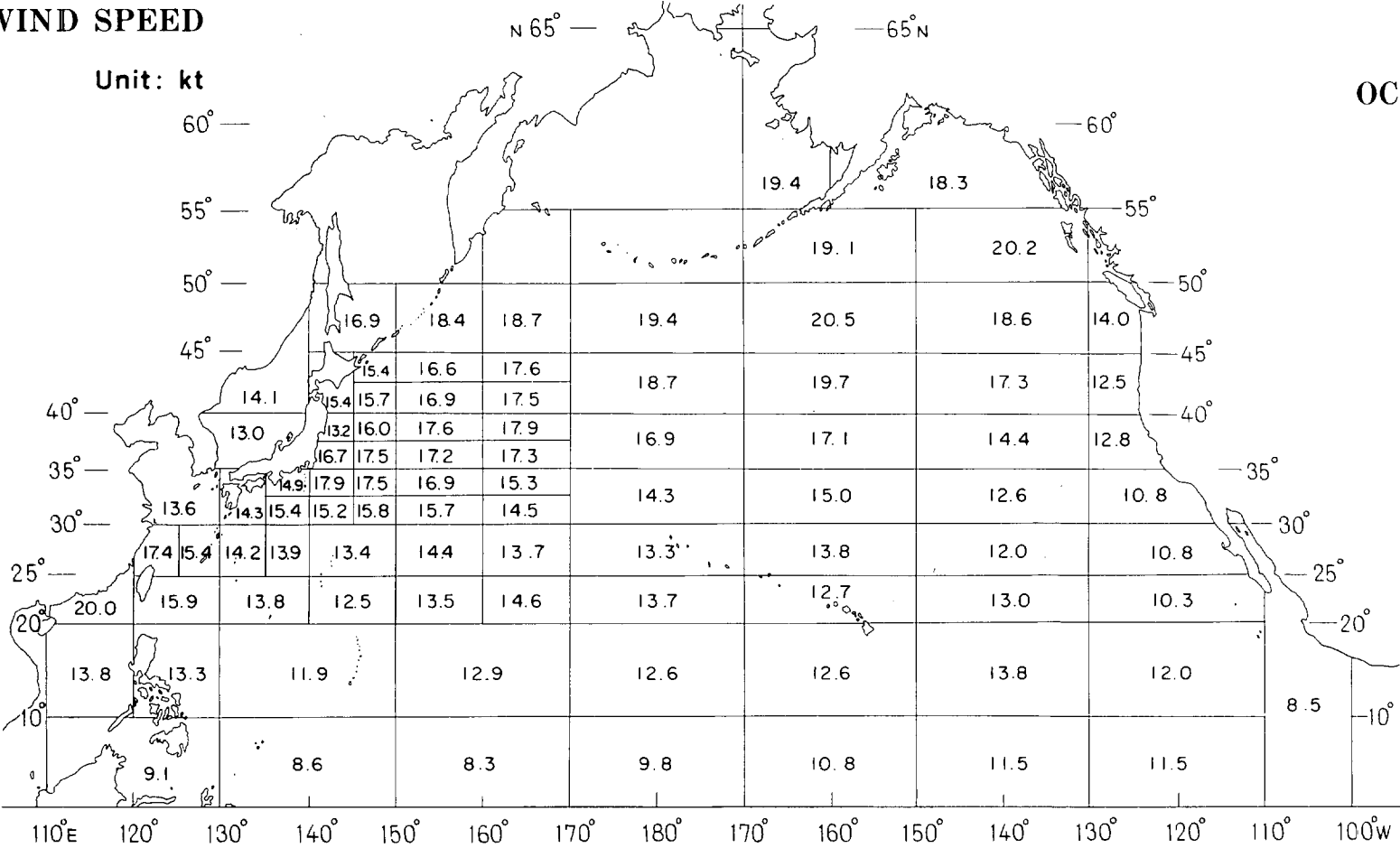
AUGUST



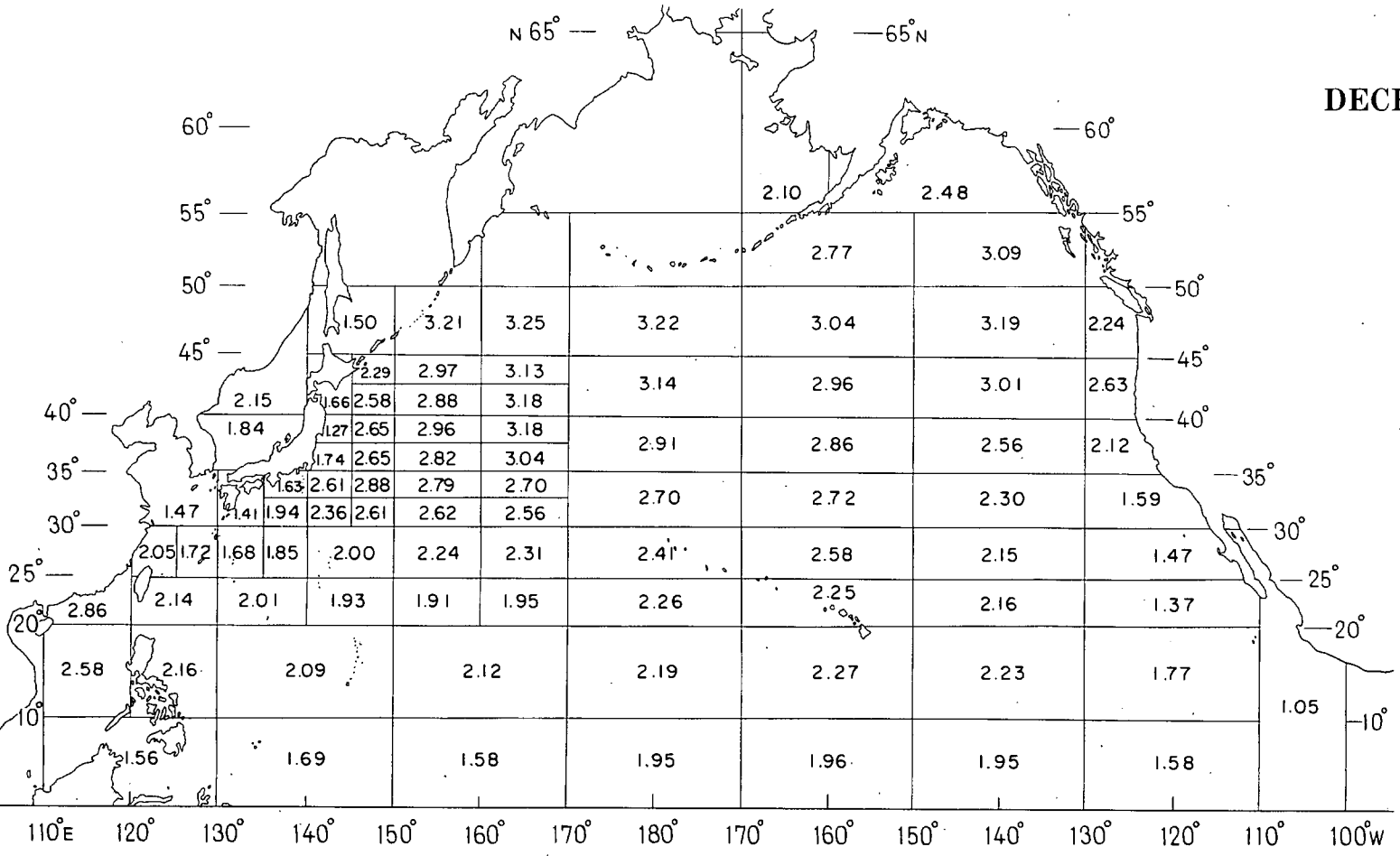
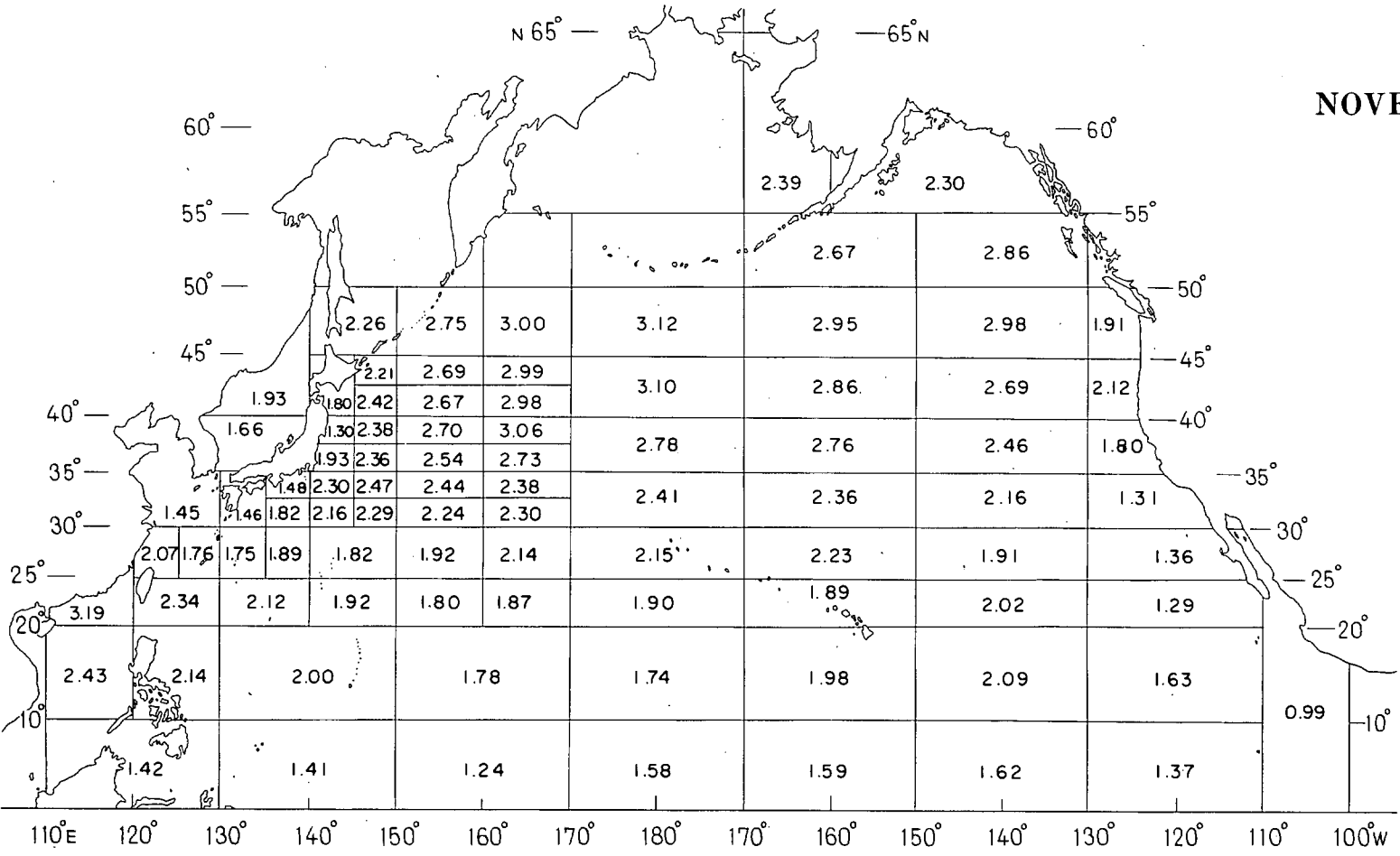
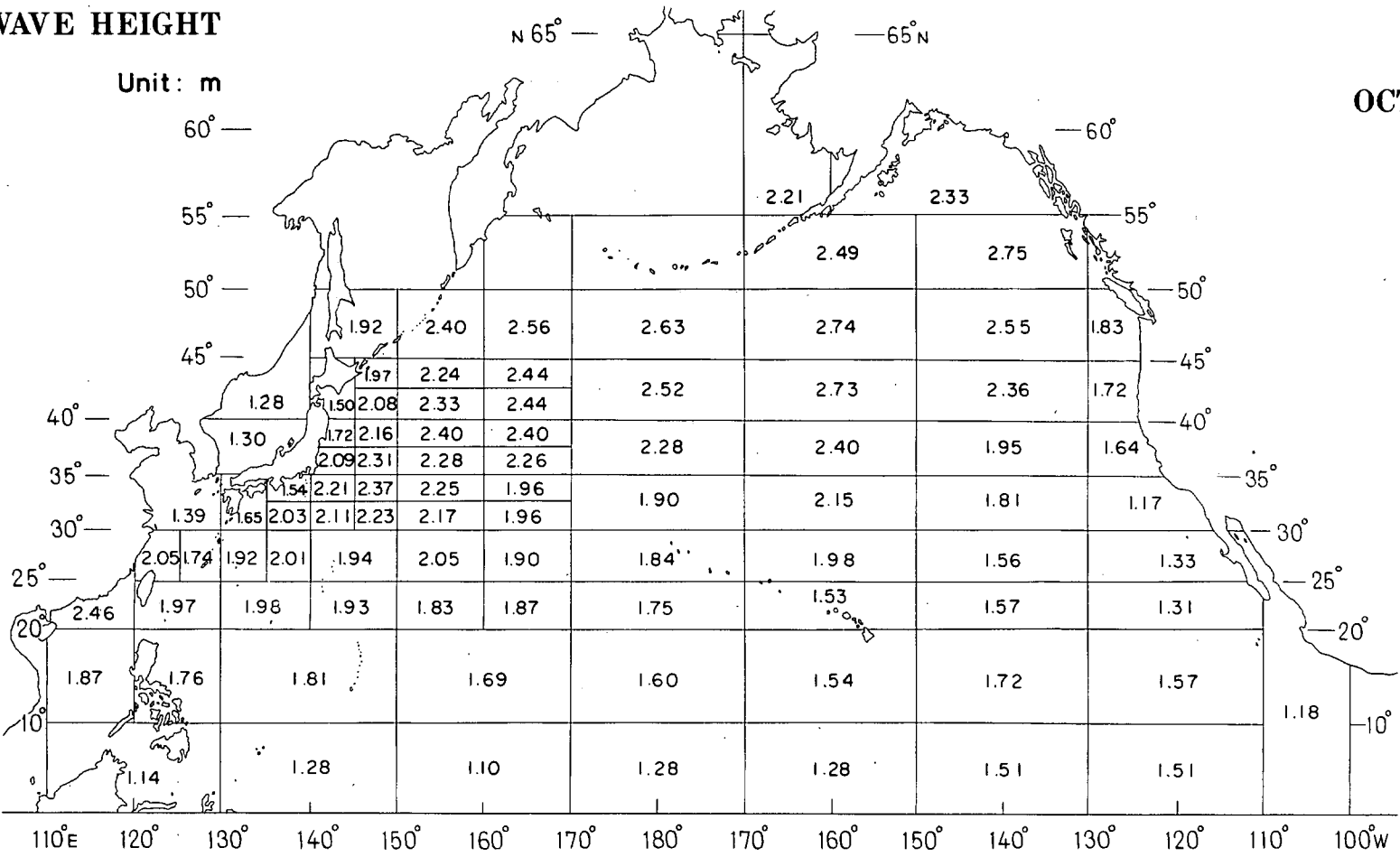
SEPTEMBER



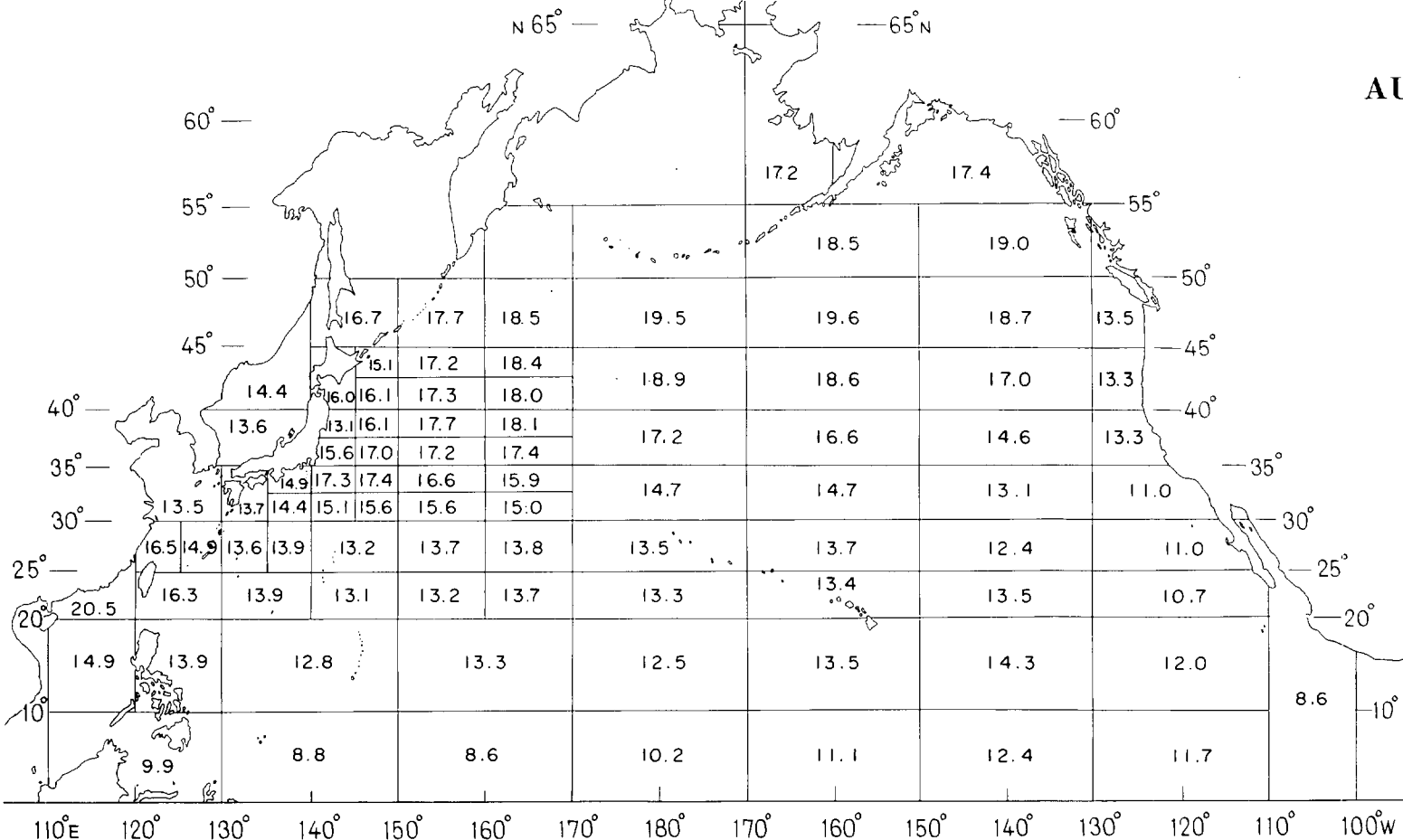
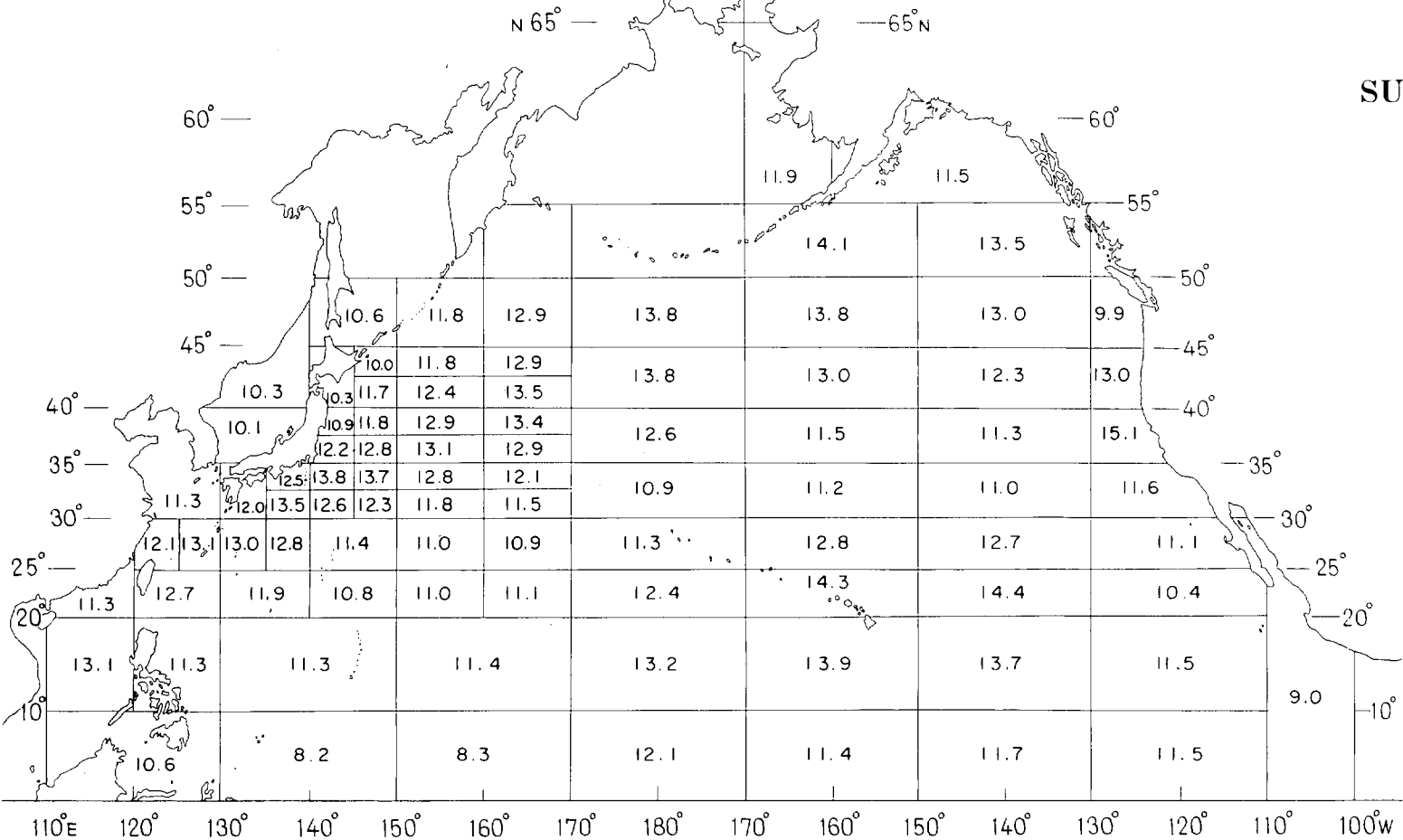
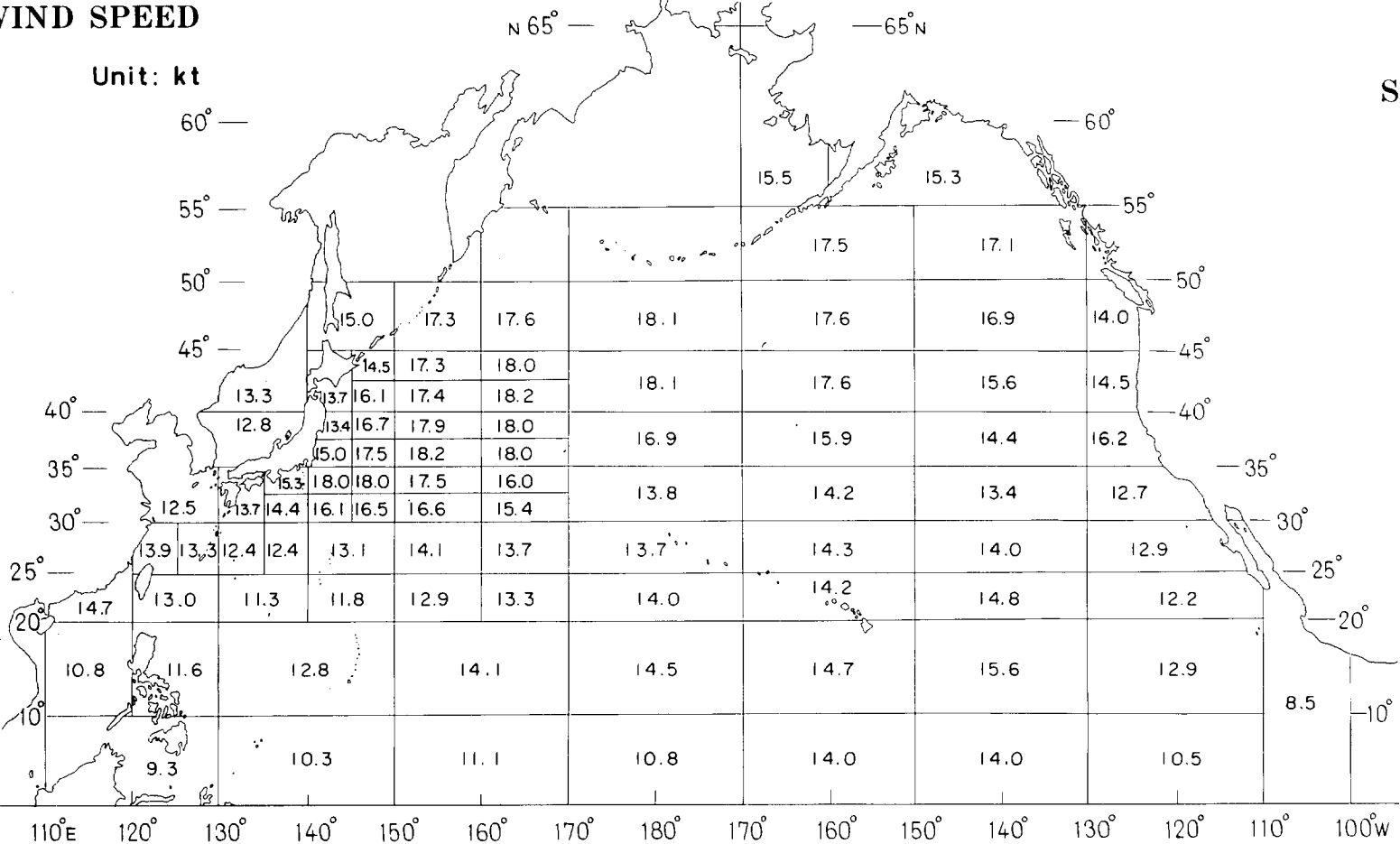
MEAN WIND SPEED



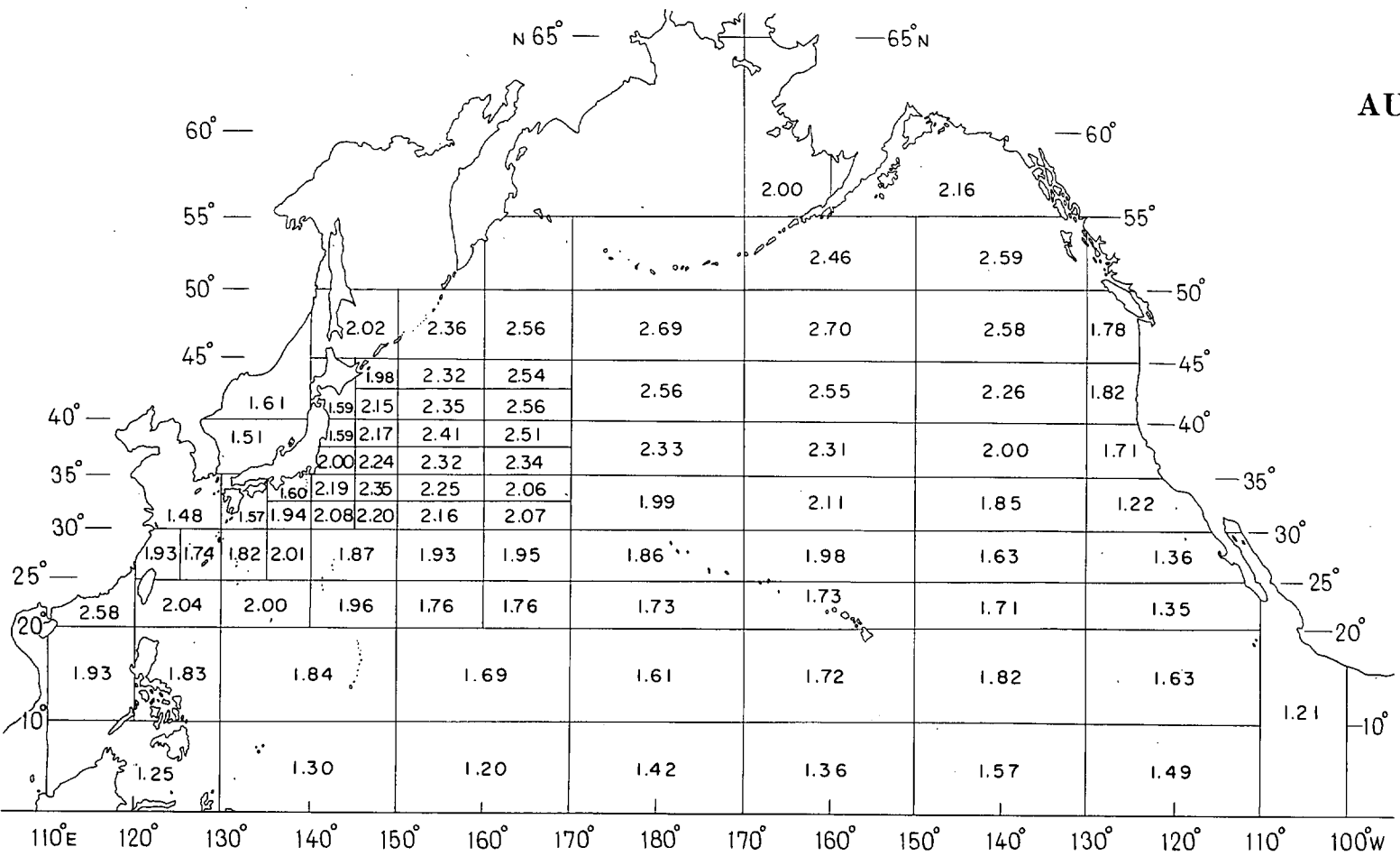
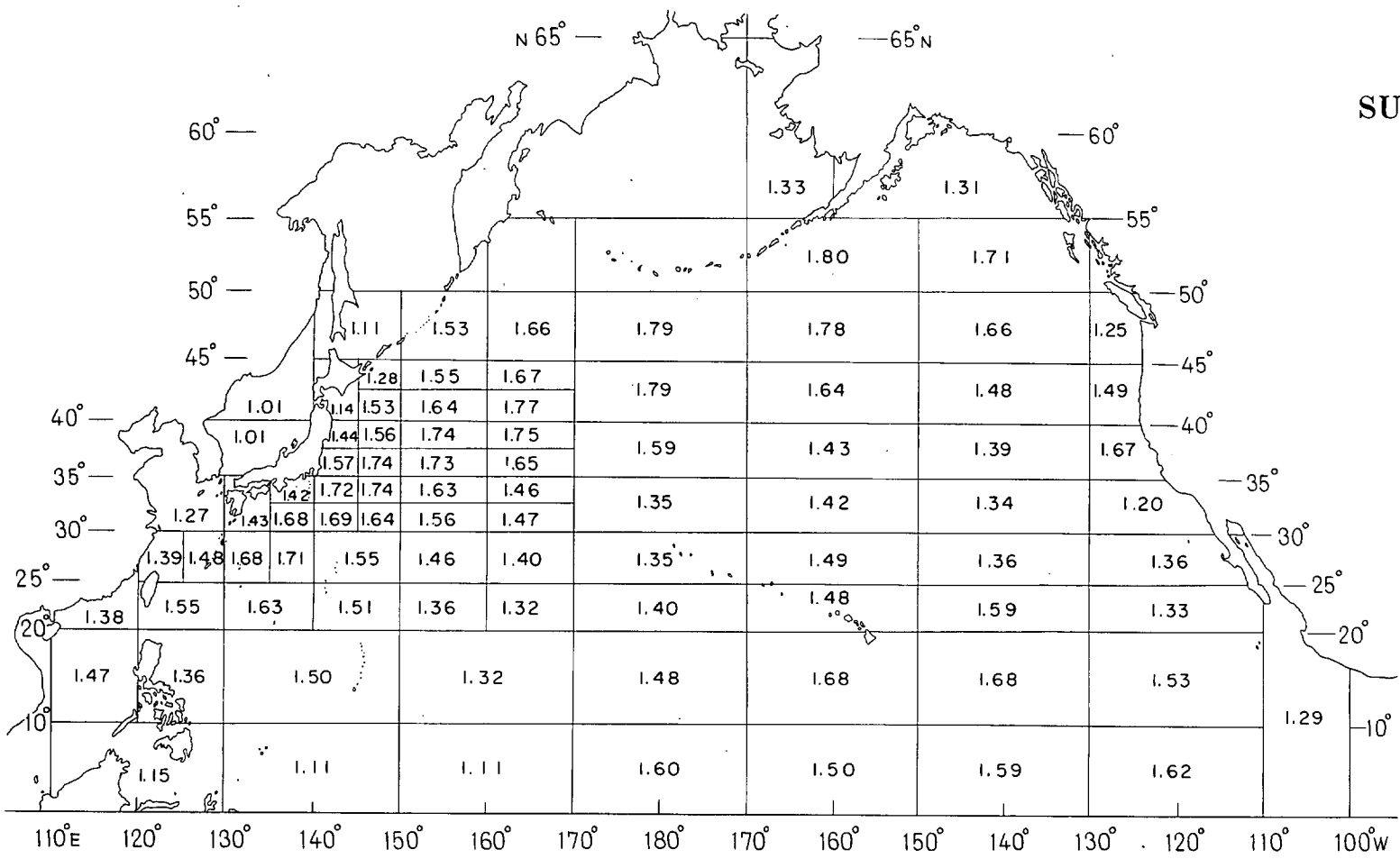
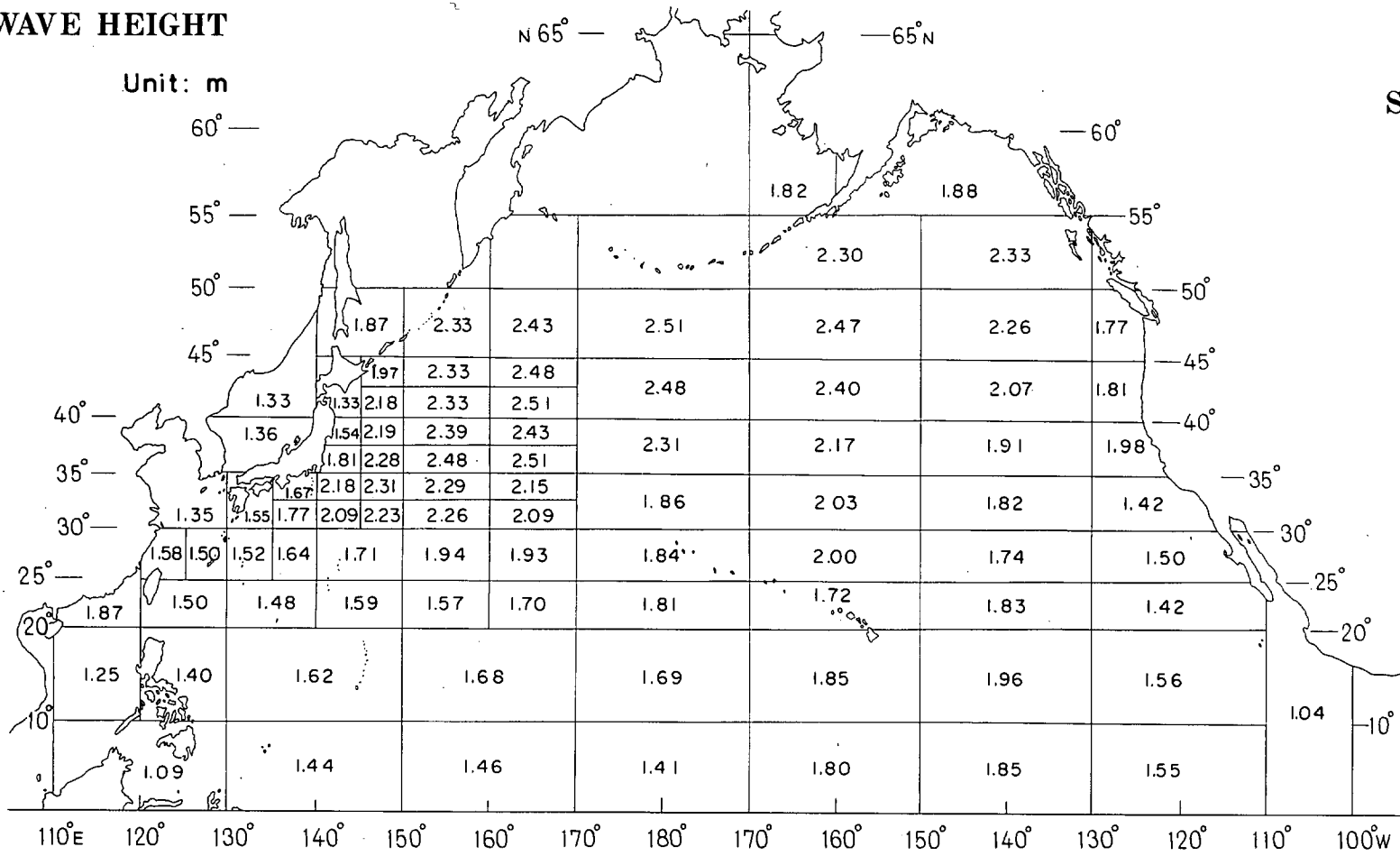
MEAN WAVE HEIGHT



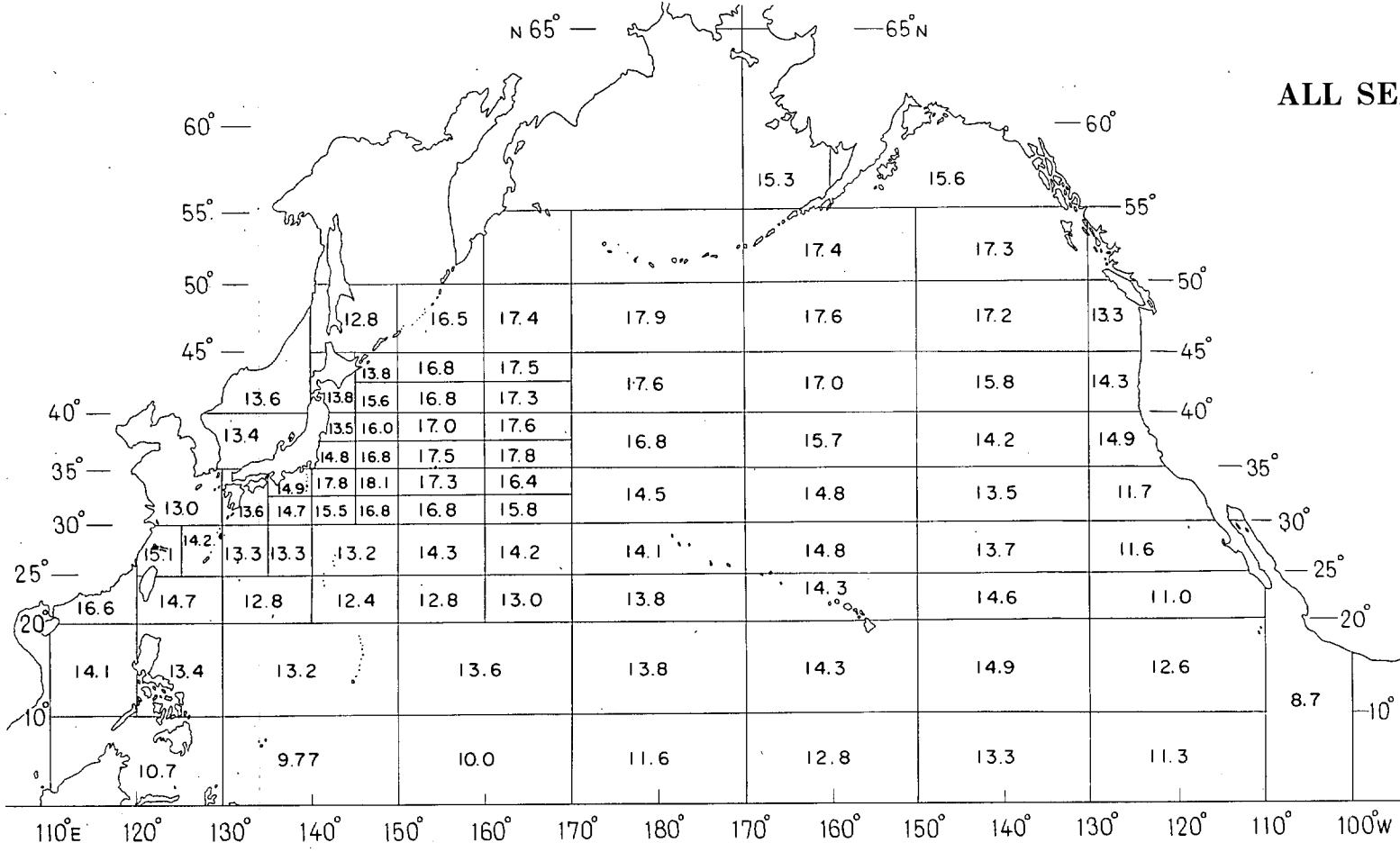
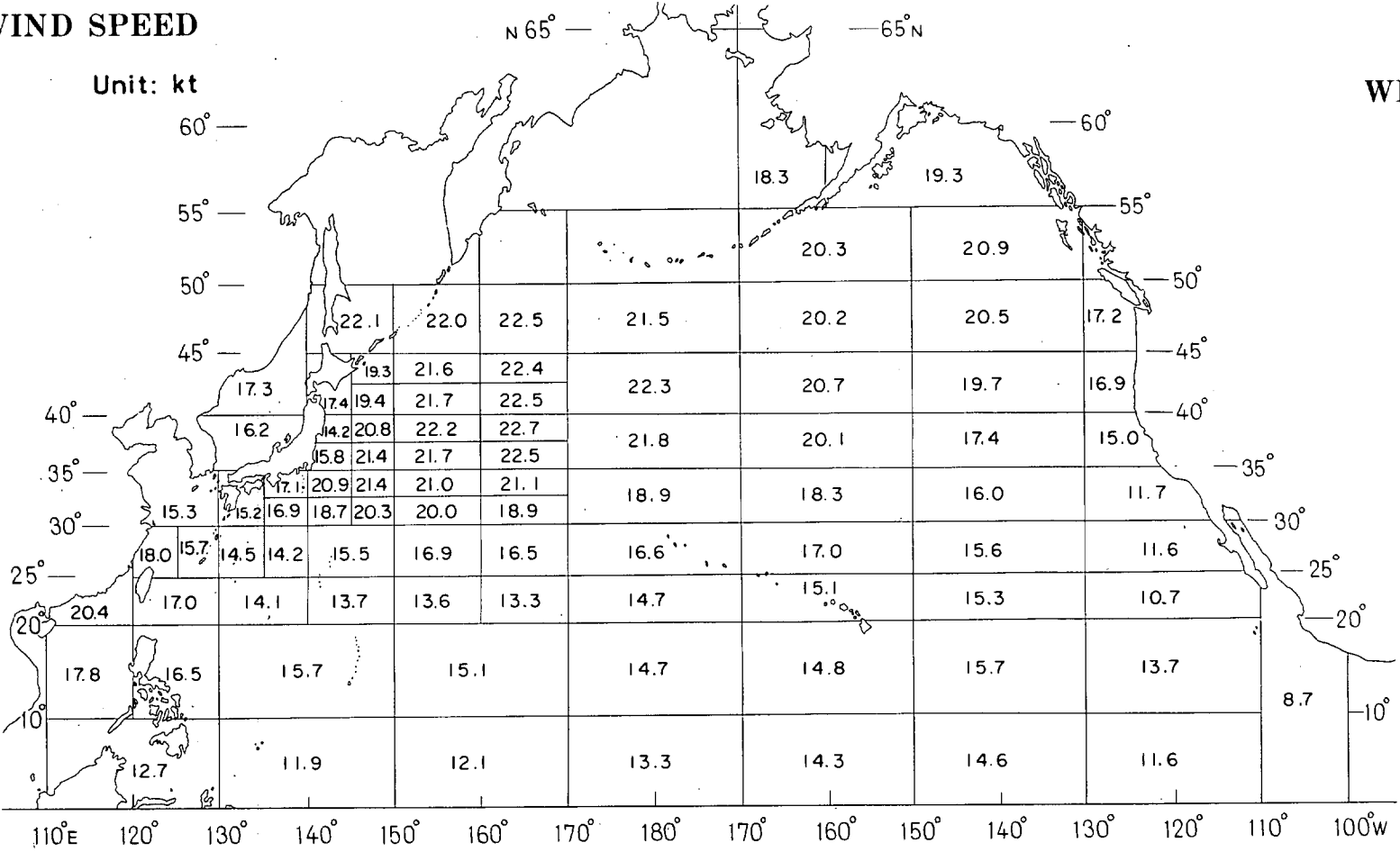
MEAN WIND SPEED



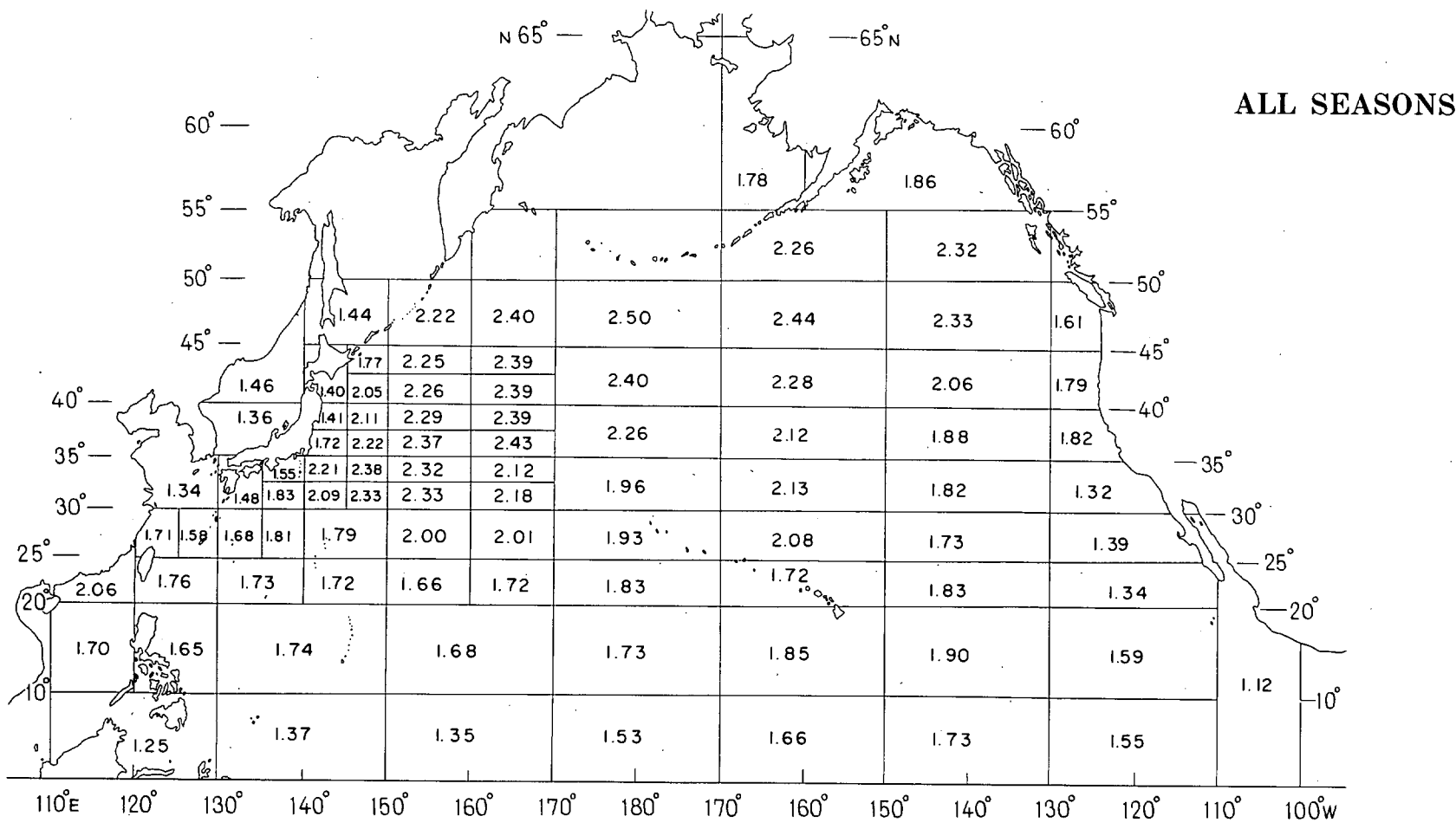
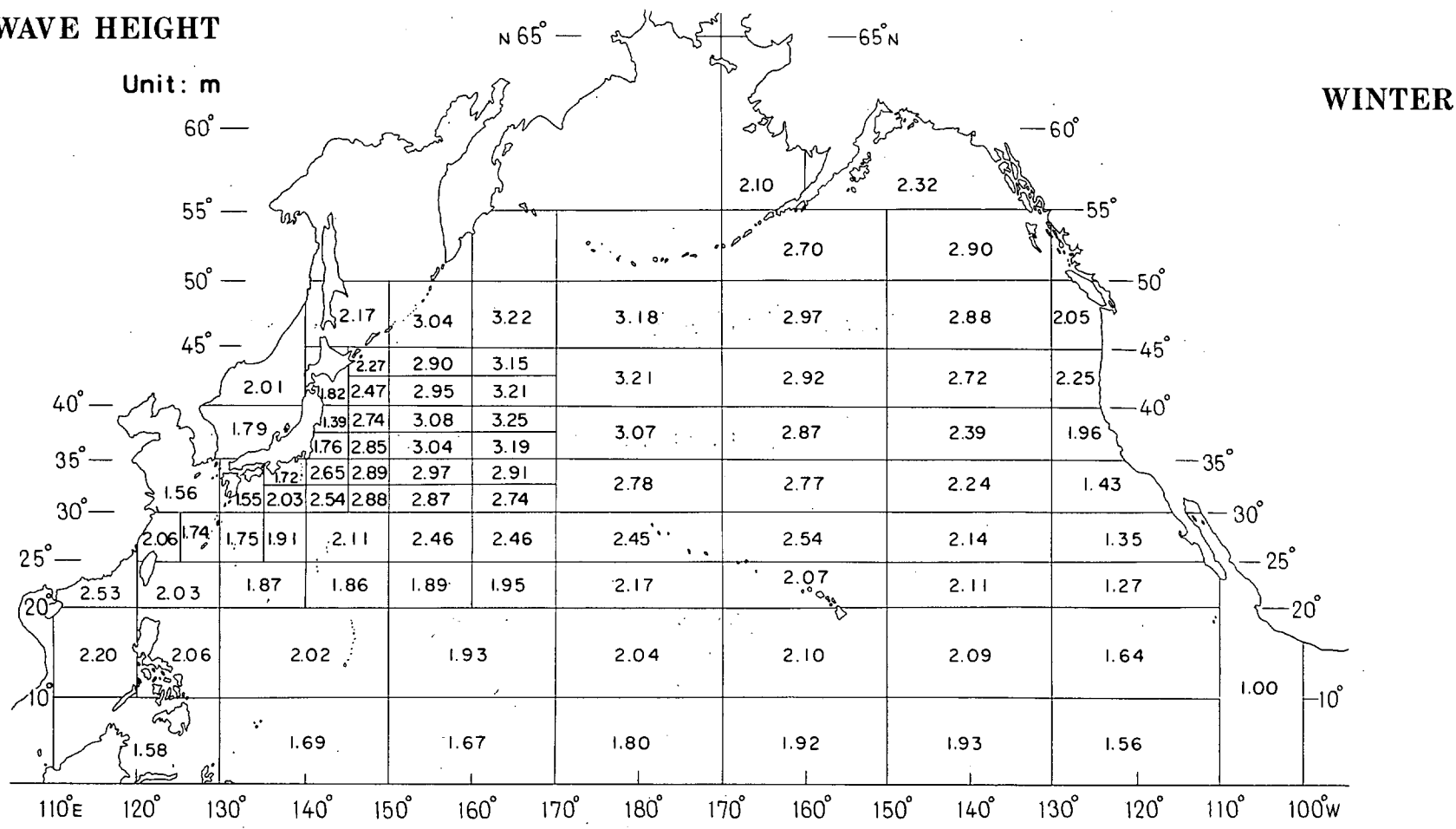
MEAN WAVE HEIGHT



MEAN WIND SPEED



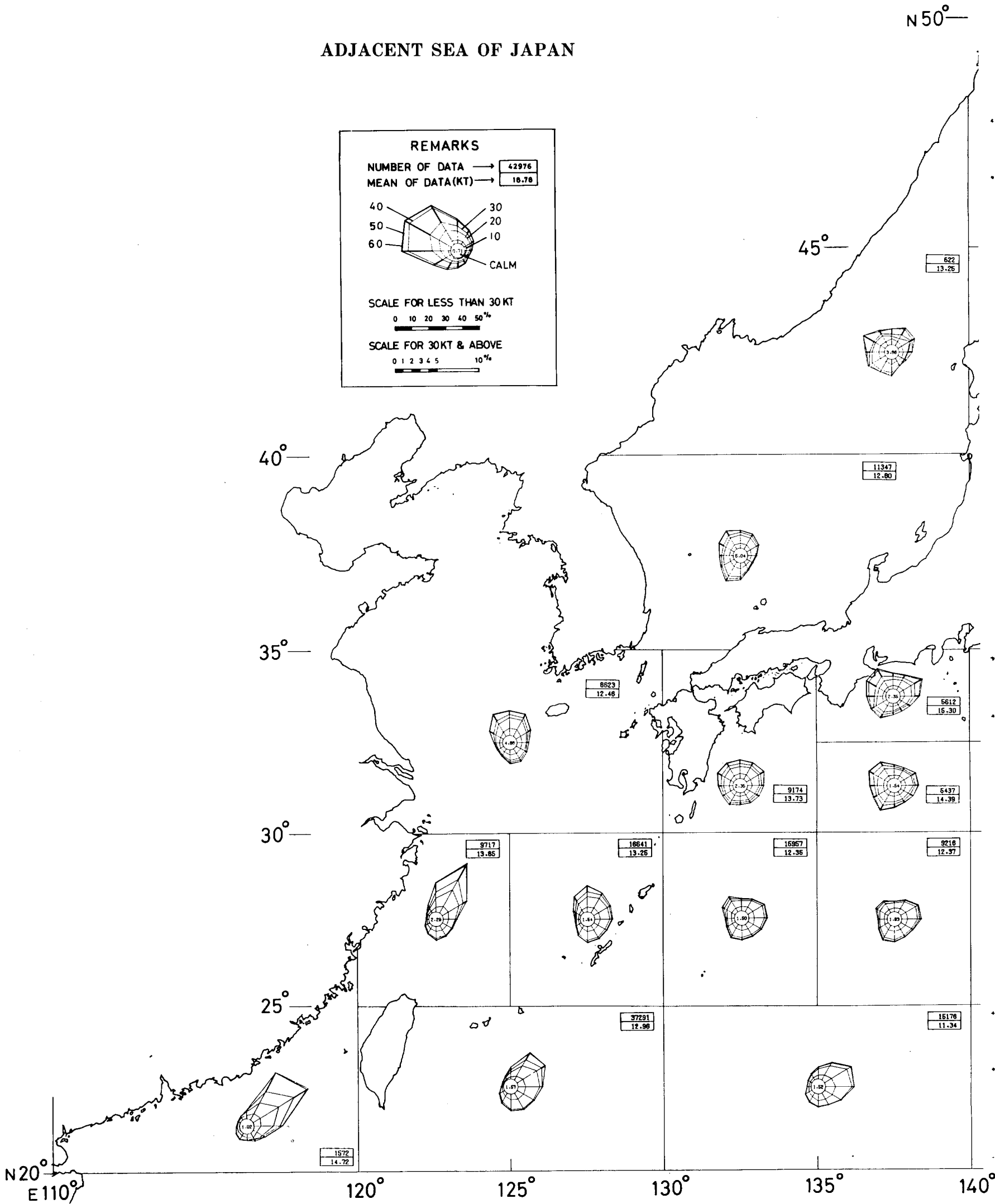
MEAN WAVE HEIGHT

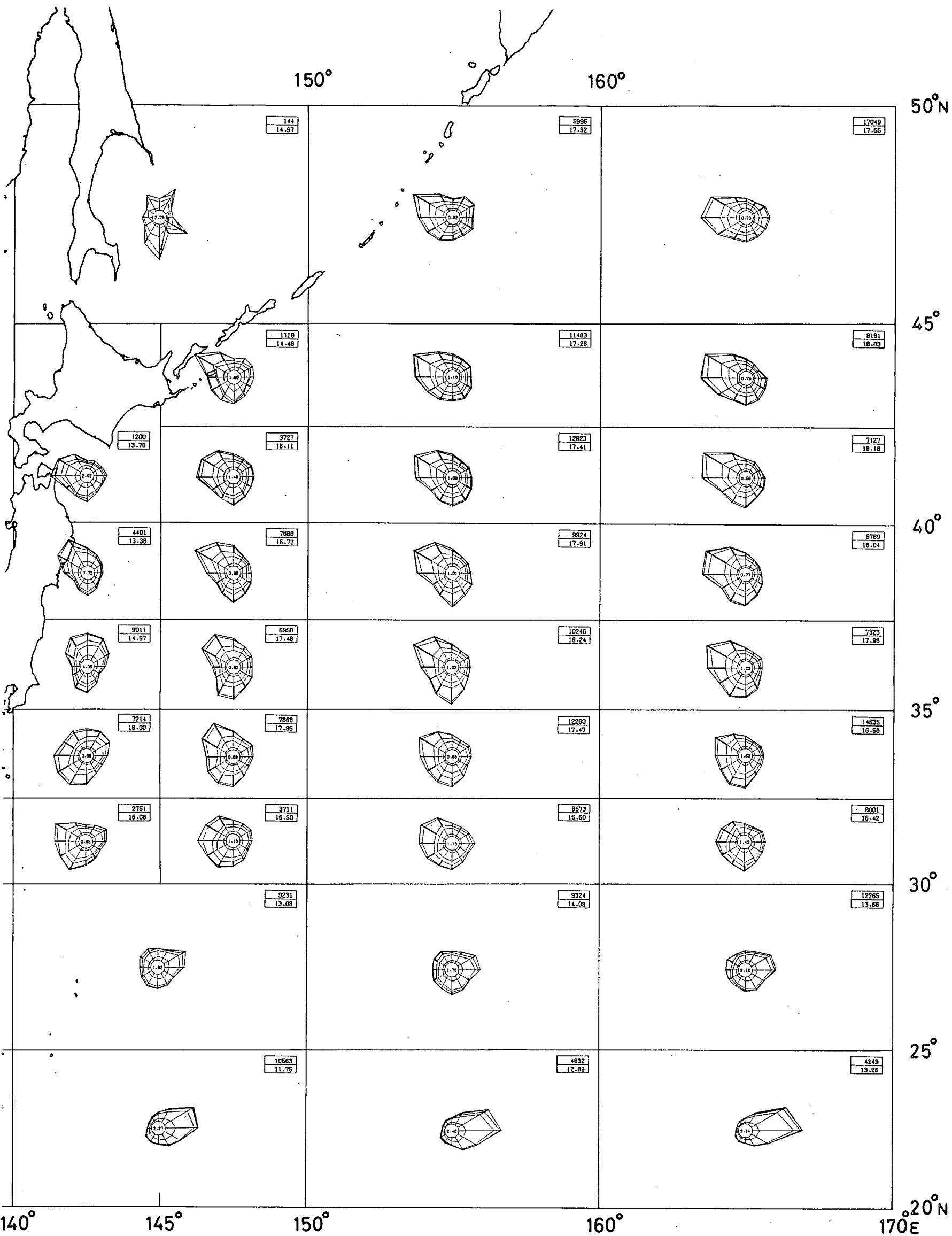


WIND SPEED ROSE

SEASON:SPRING

ADJACENT SEA OF JAPAN





WIND SPEED ROSE

SEASON:SPRING

REMARKS

NUMBER OF DATA

→

42976

MEAN OF DATA(KT)

→

15.78

40

30

20

10

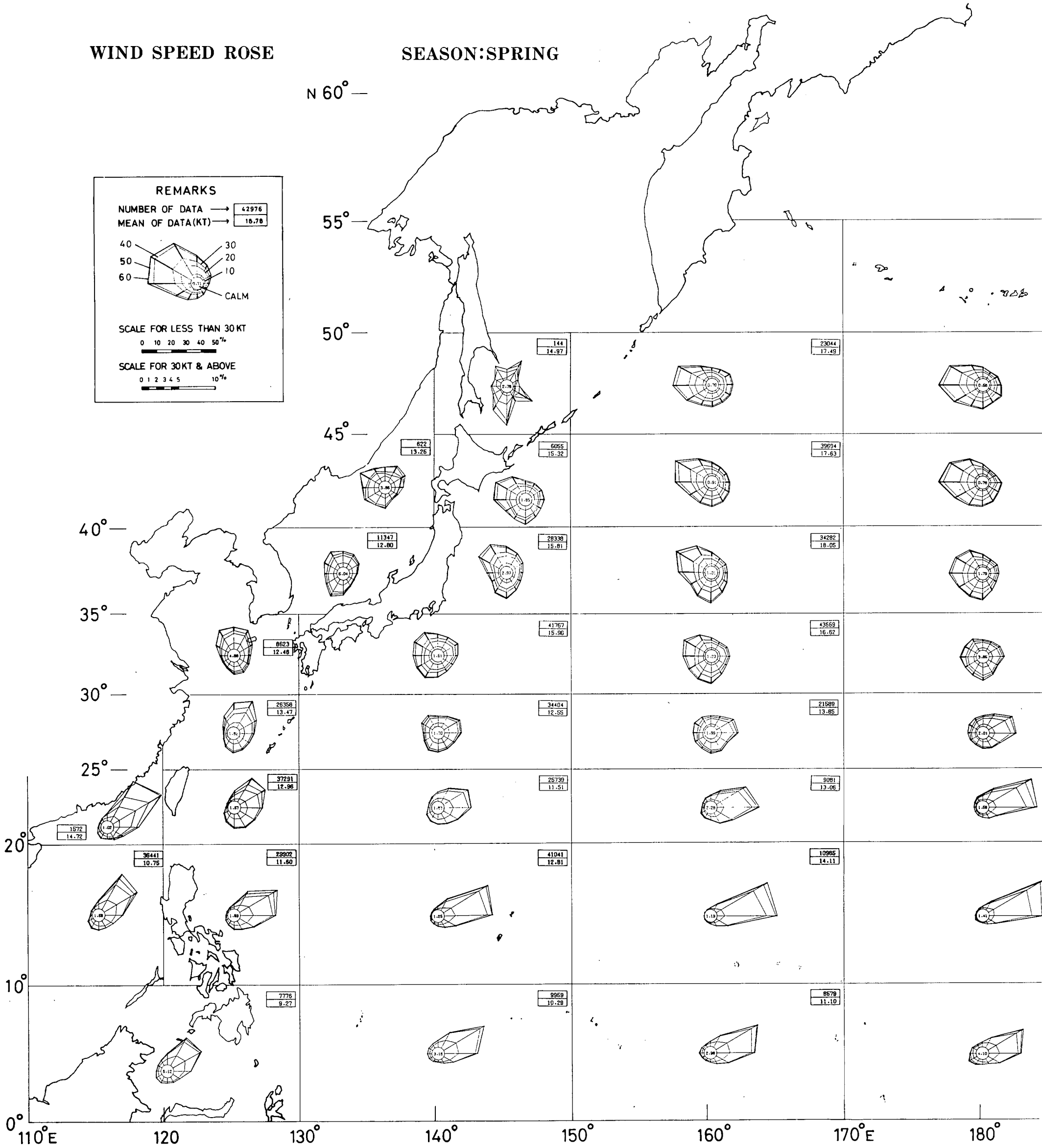
CALM

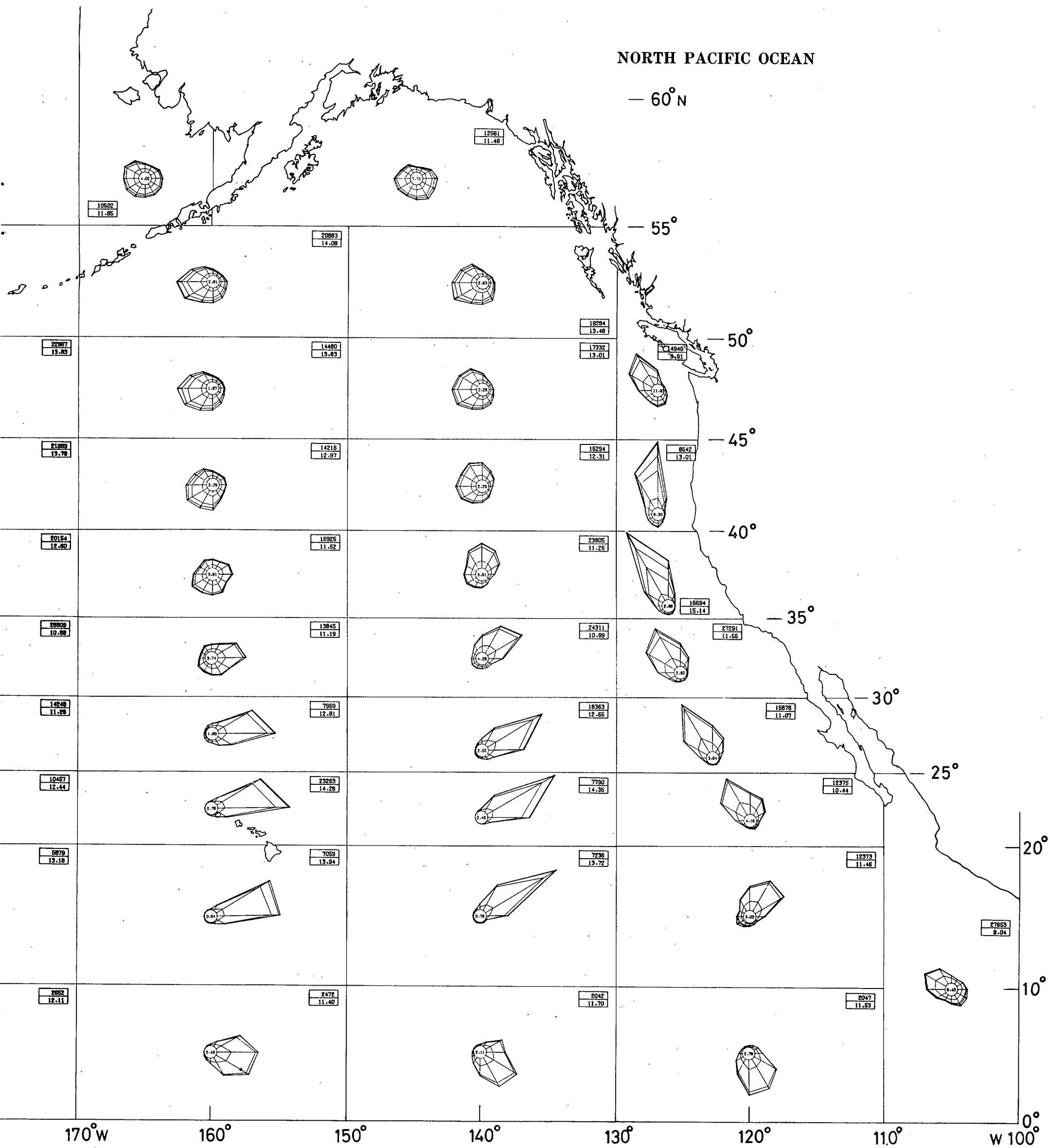
SCALE FOR LESS THAN 30 KT

0 10 20 30 40 50%

SCALE FOR 30KT & ABOVE

0 1 2 3 4 5 10%

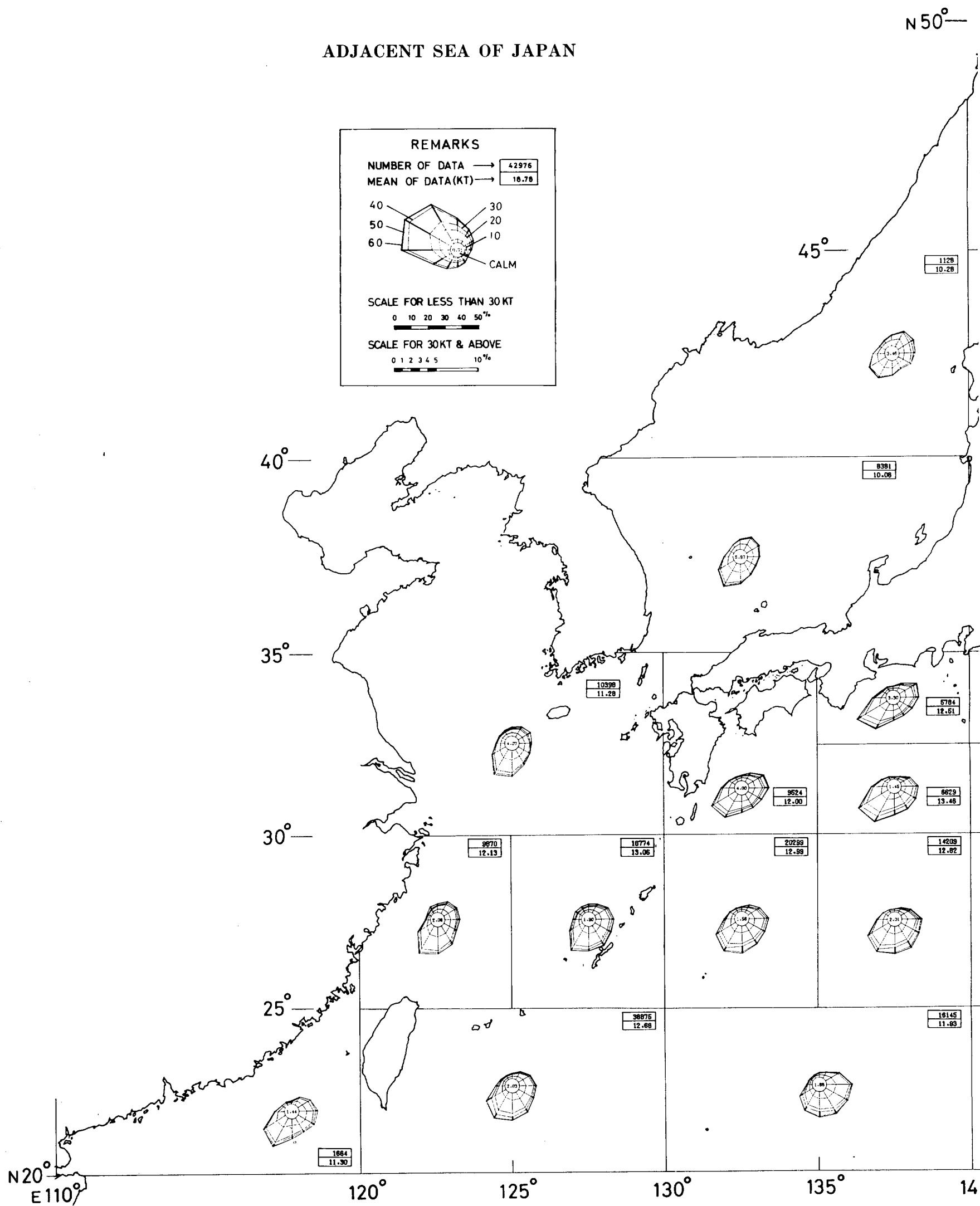


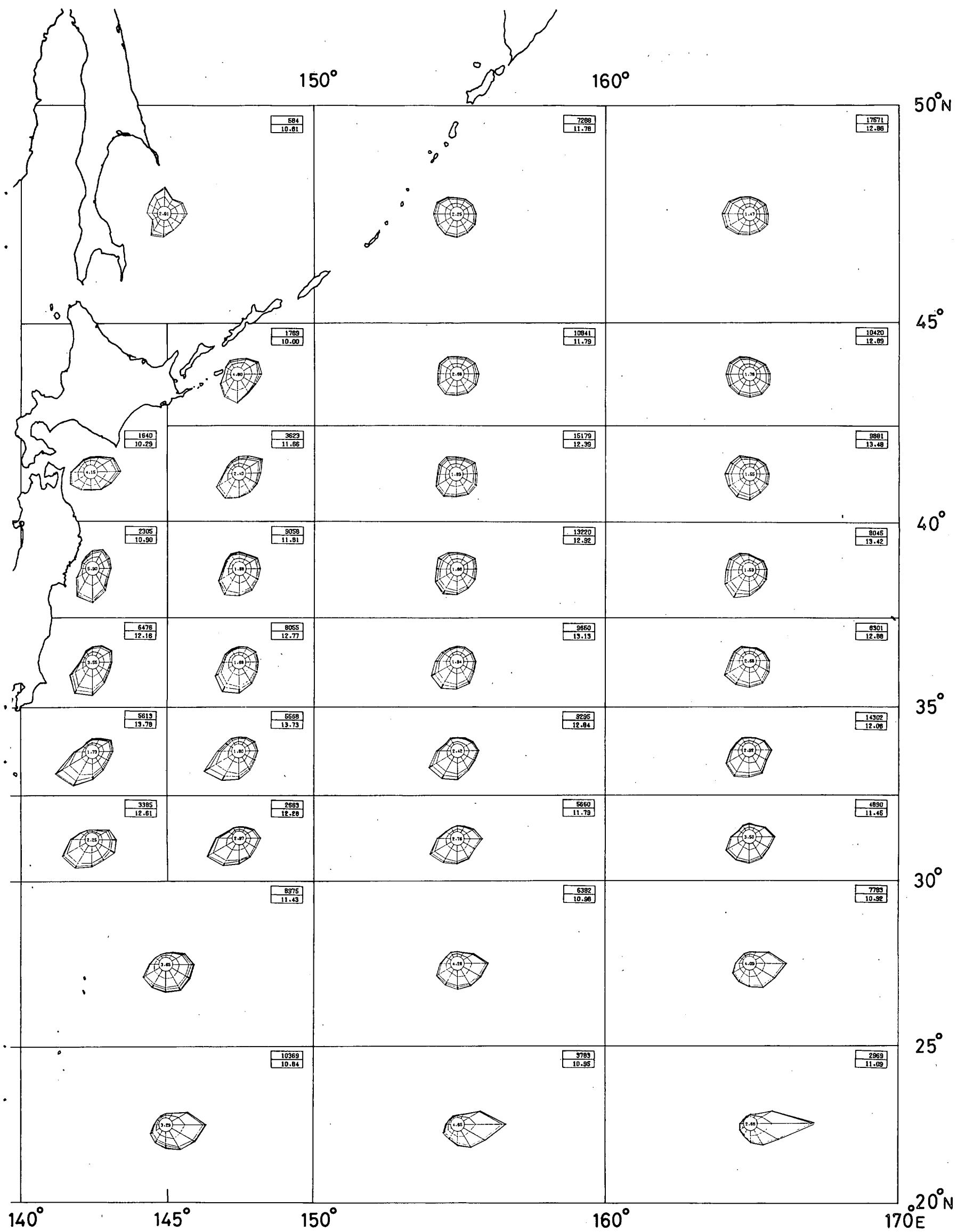


WIND SPEED ROSE

SEASON:SUMMER

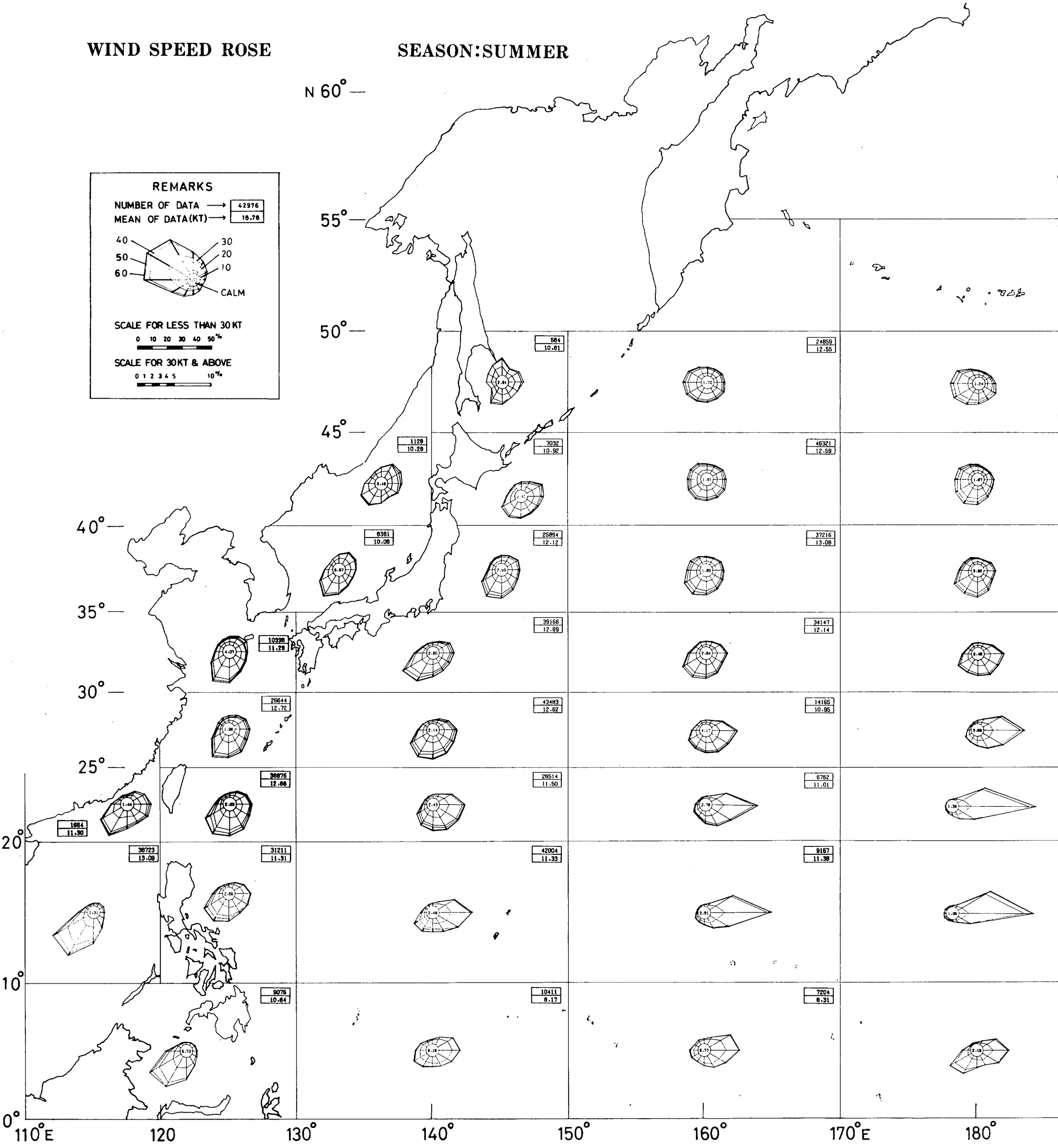
ADJACENT SEA OF JAPAN

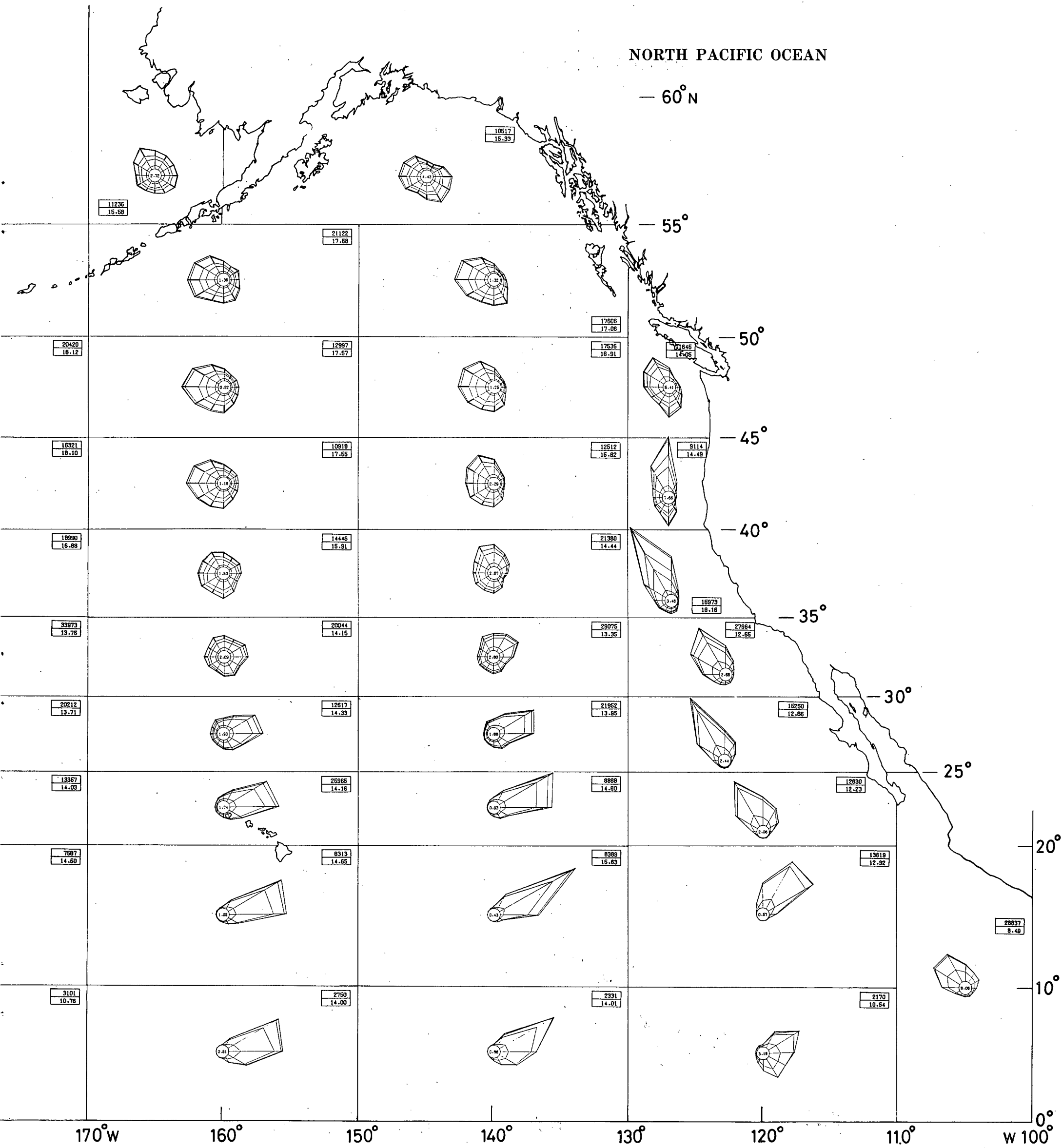




WIND SPEED ROSE

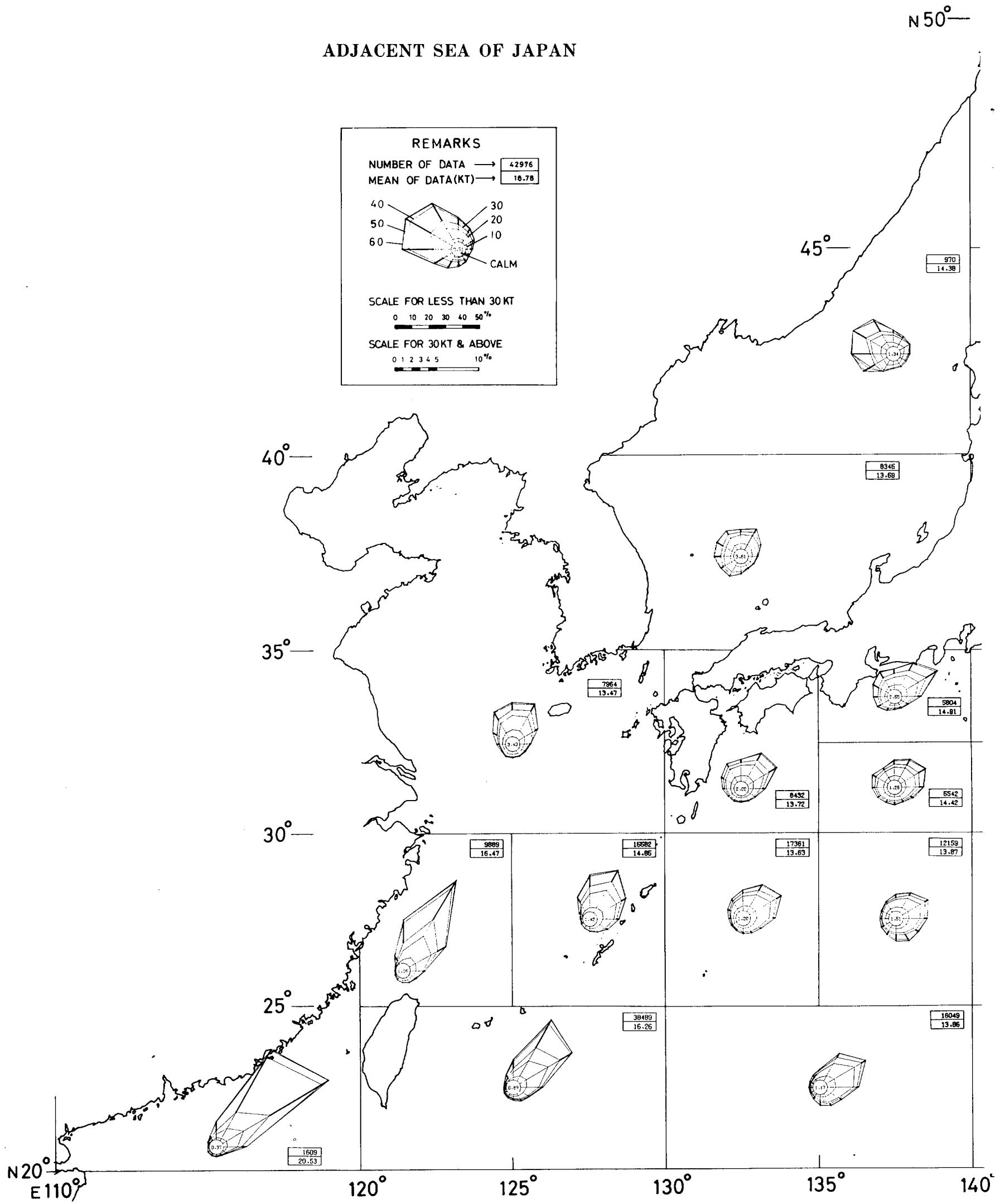
SEASON:SUMMER

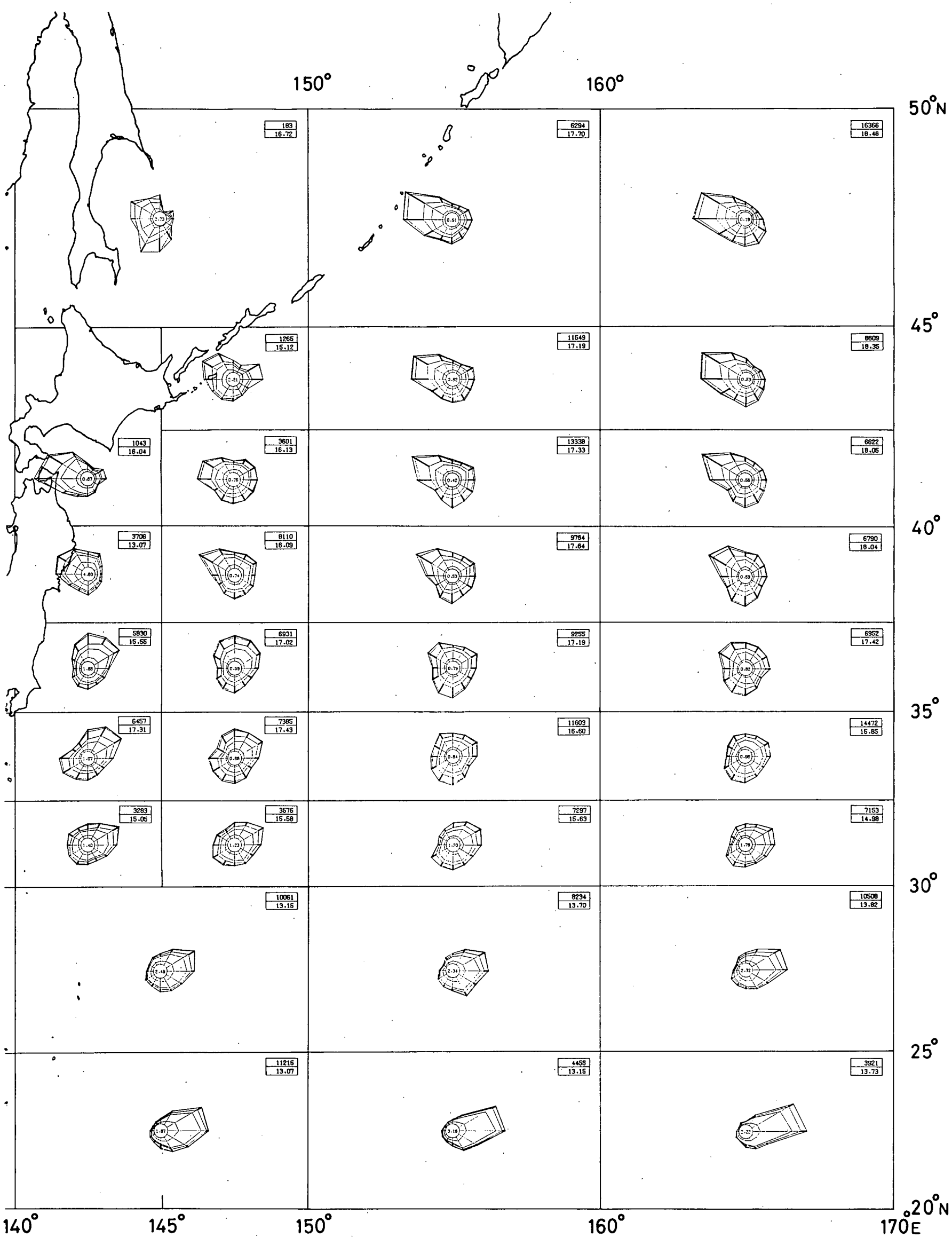




WIND SPEED ROSE

SEASON:AUTUMN





WIND SPEED ROSE

SEASON: AUTUMN

REMARKS

NUMBER OF DATA → 42976

MEAN OF DATA(KT) → 18.78

40

50

60

30

20

10

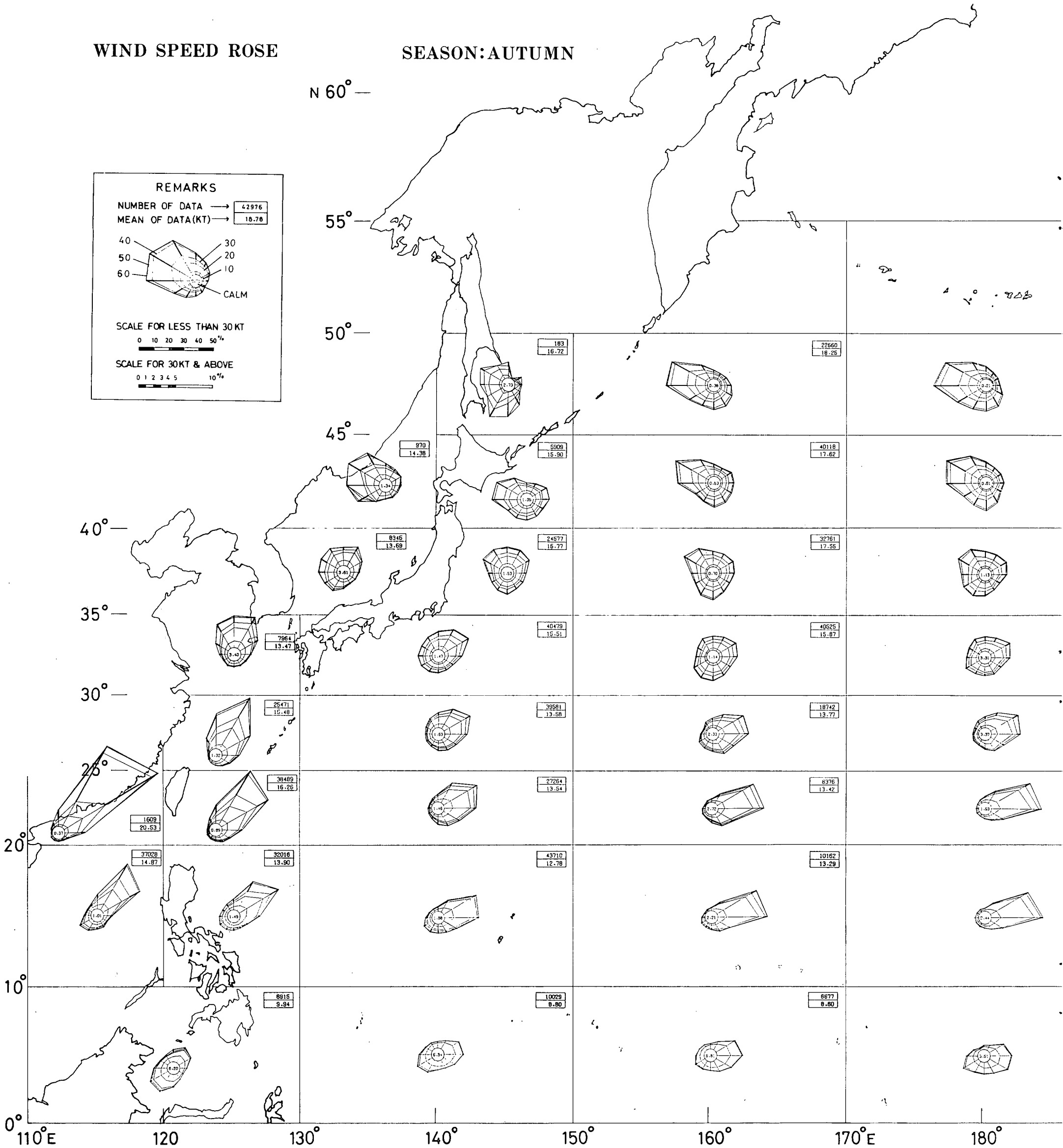
CALM

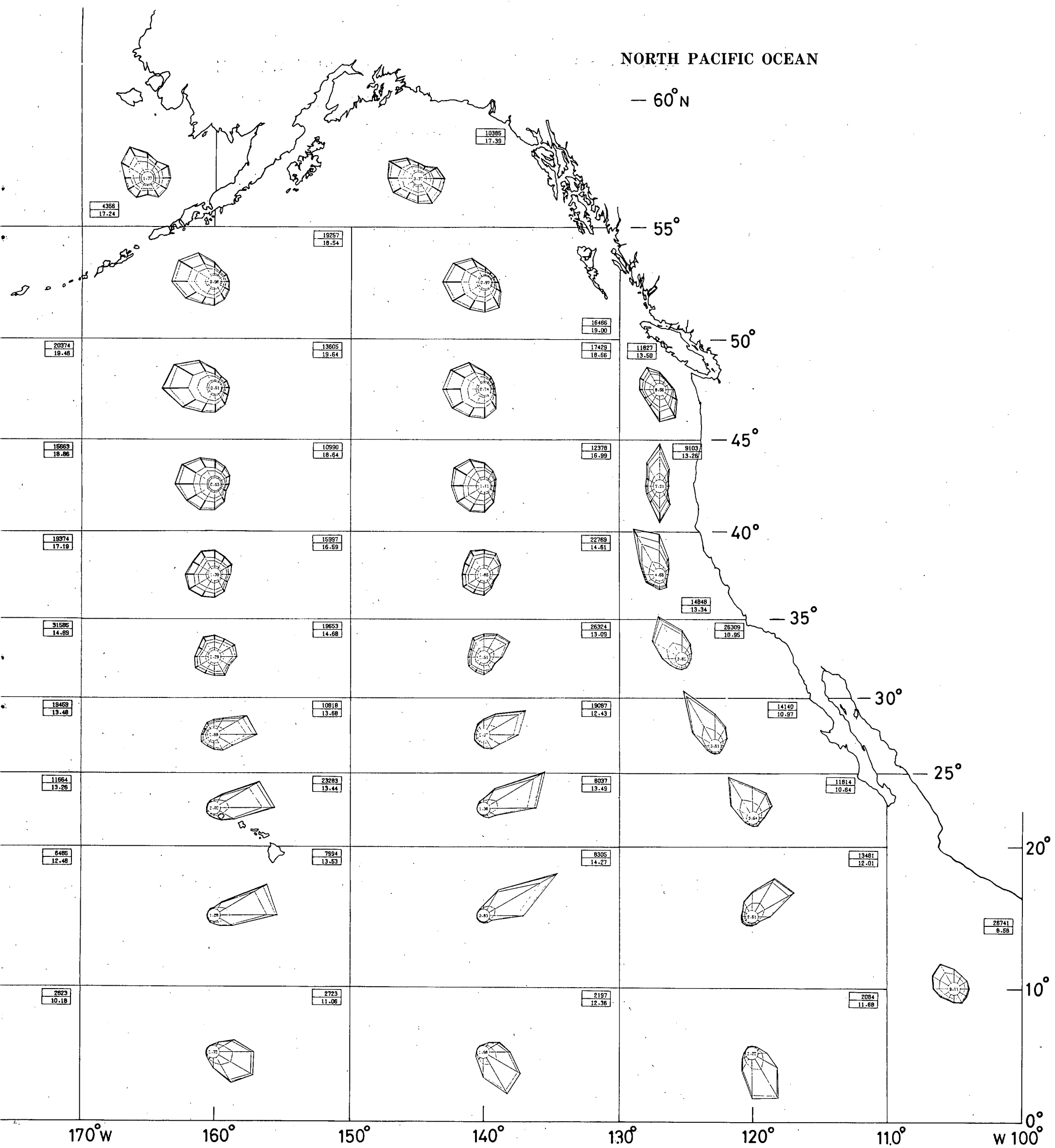
SCALE FOR LESS THAN 30 KT

0 10 20 30 40 50%

SCALE FOR 30KT & ABOVE

0 1 2 3 4 5 10%

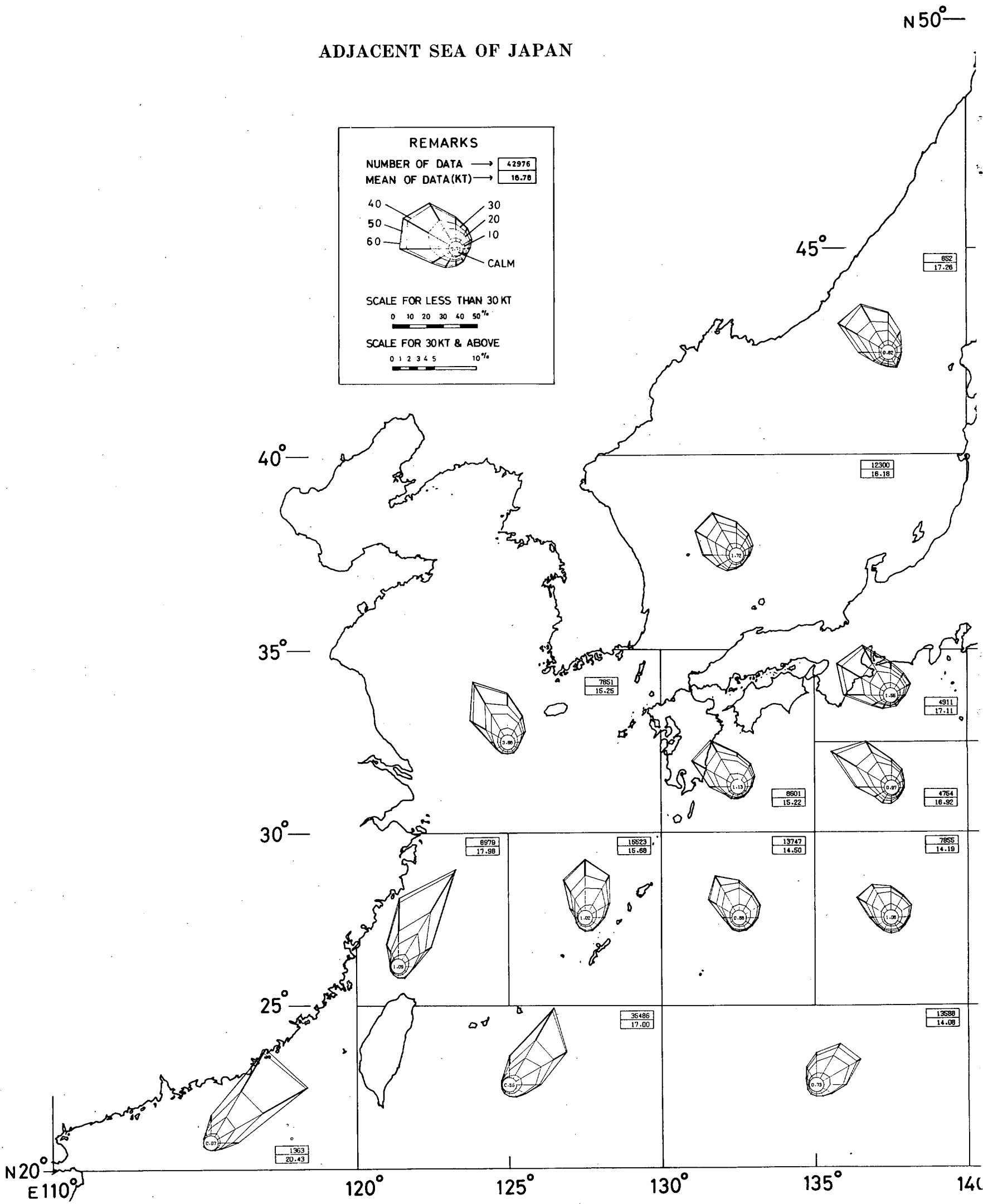


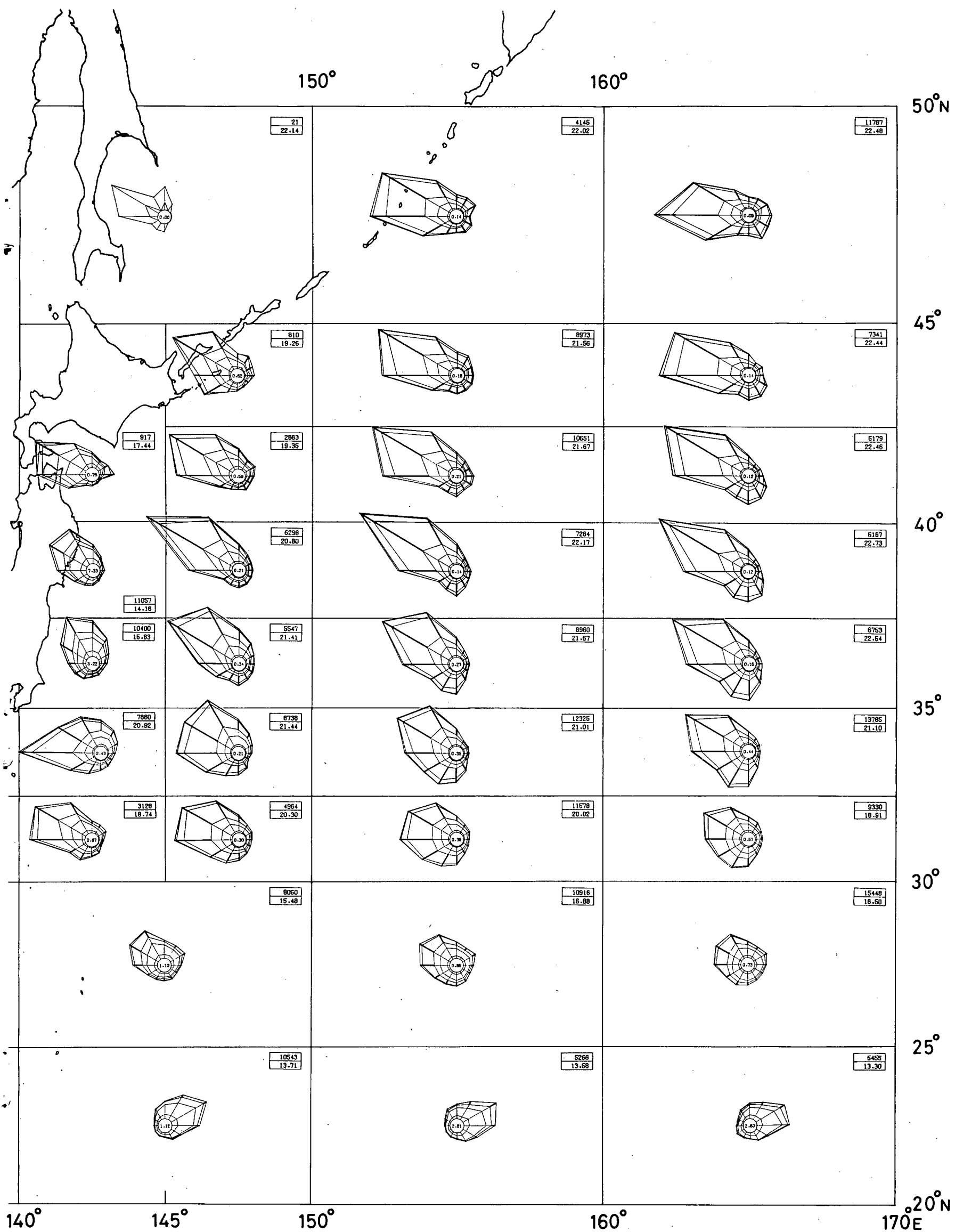


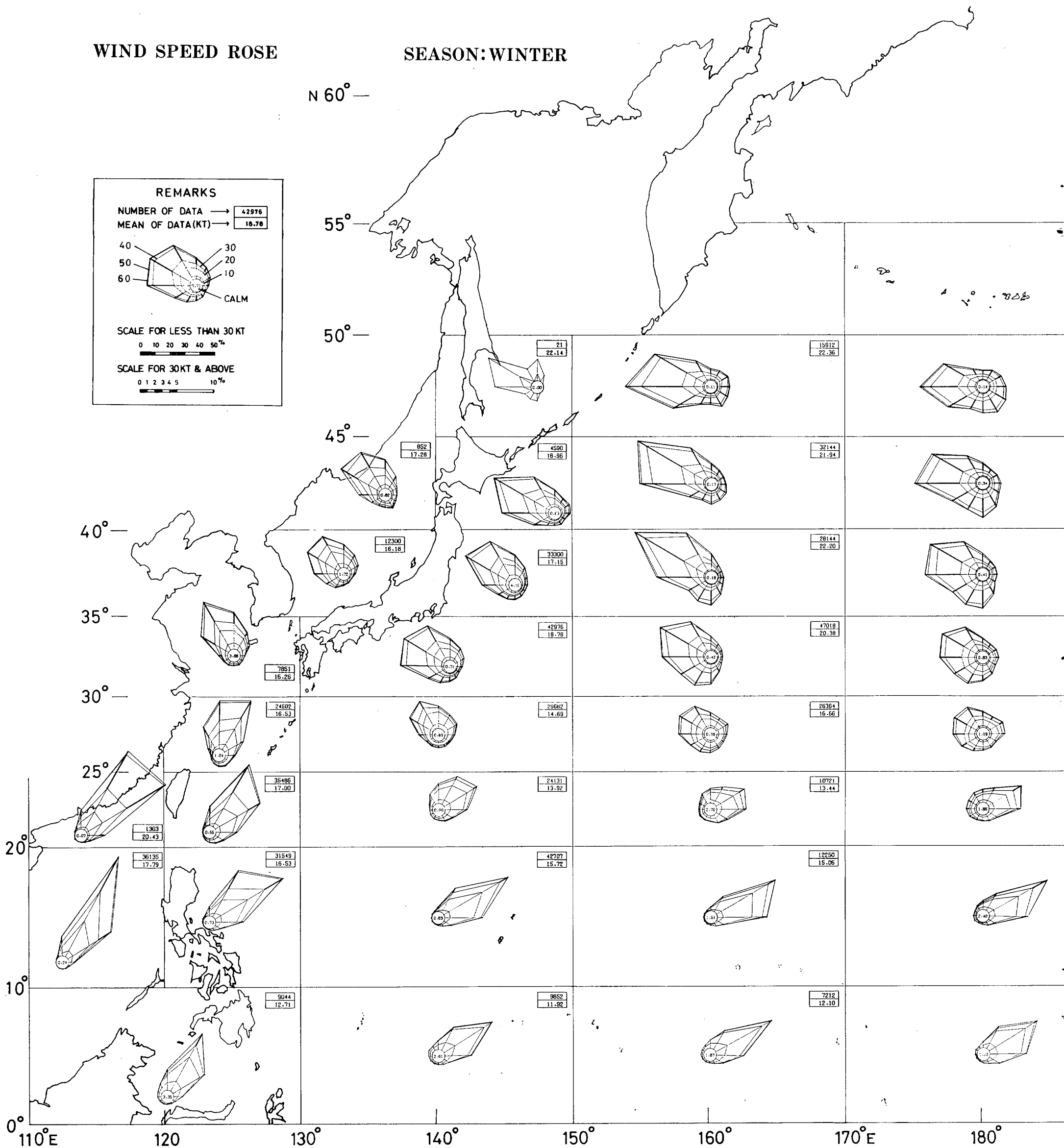
WIND SPEED ROSE

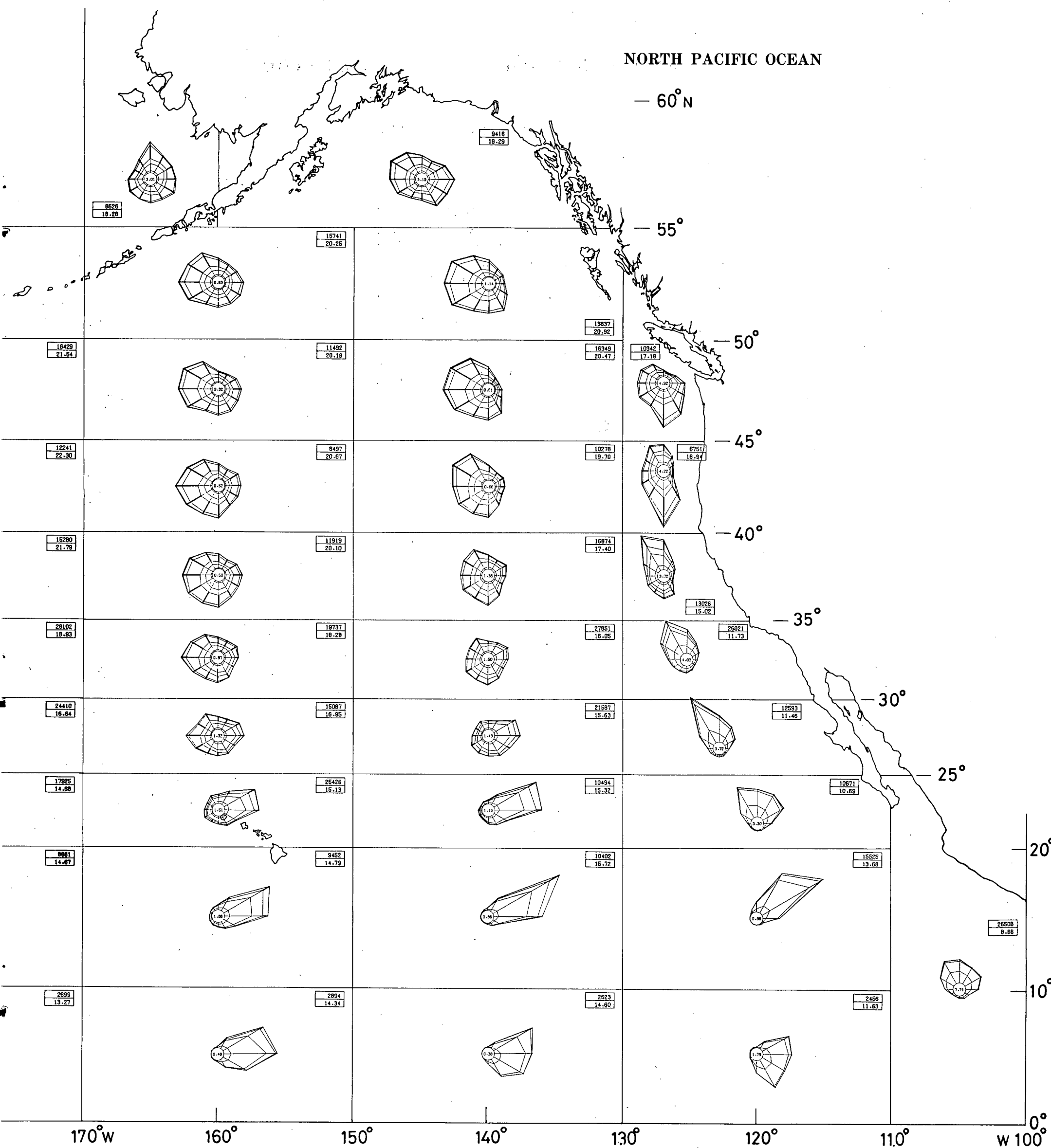
SEASON:WINTER

ADJACENT SEA OF JAPAN



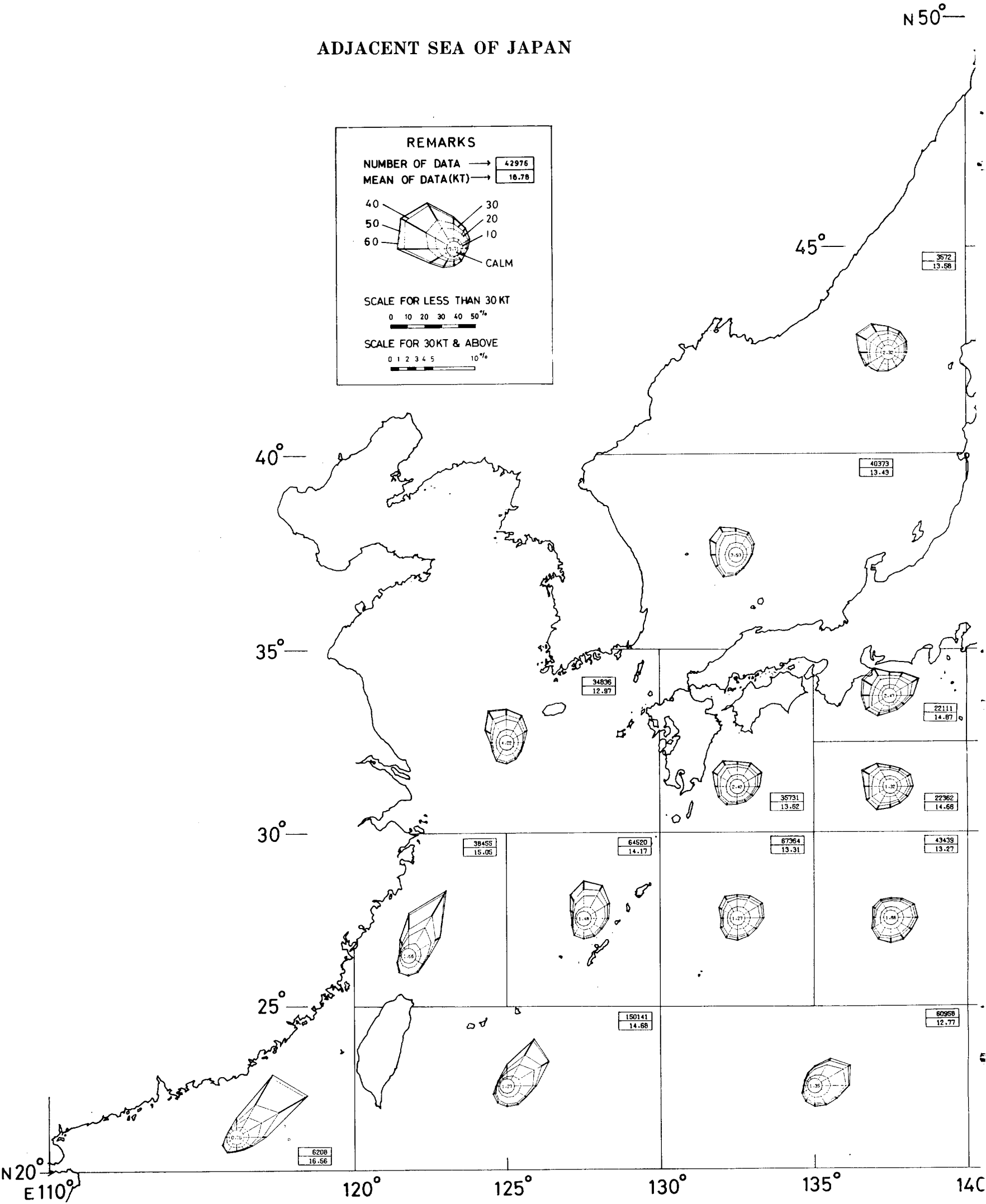


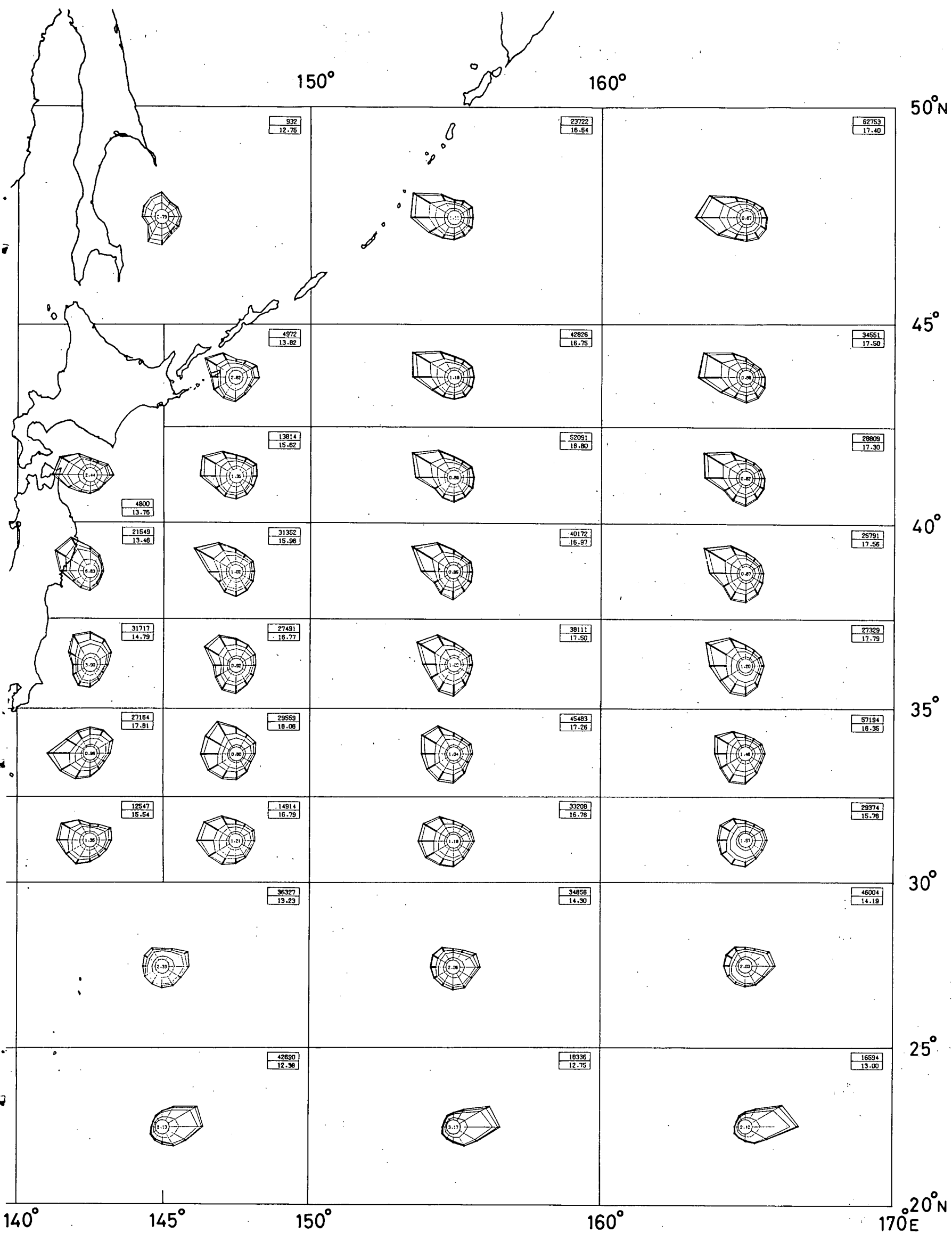




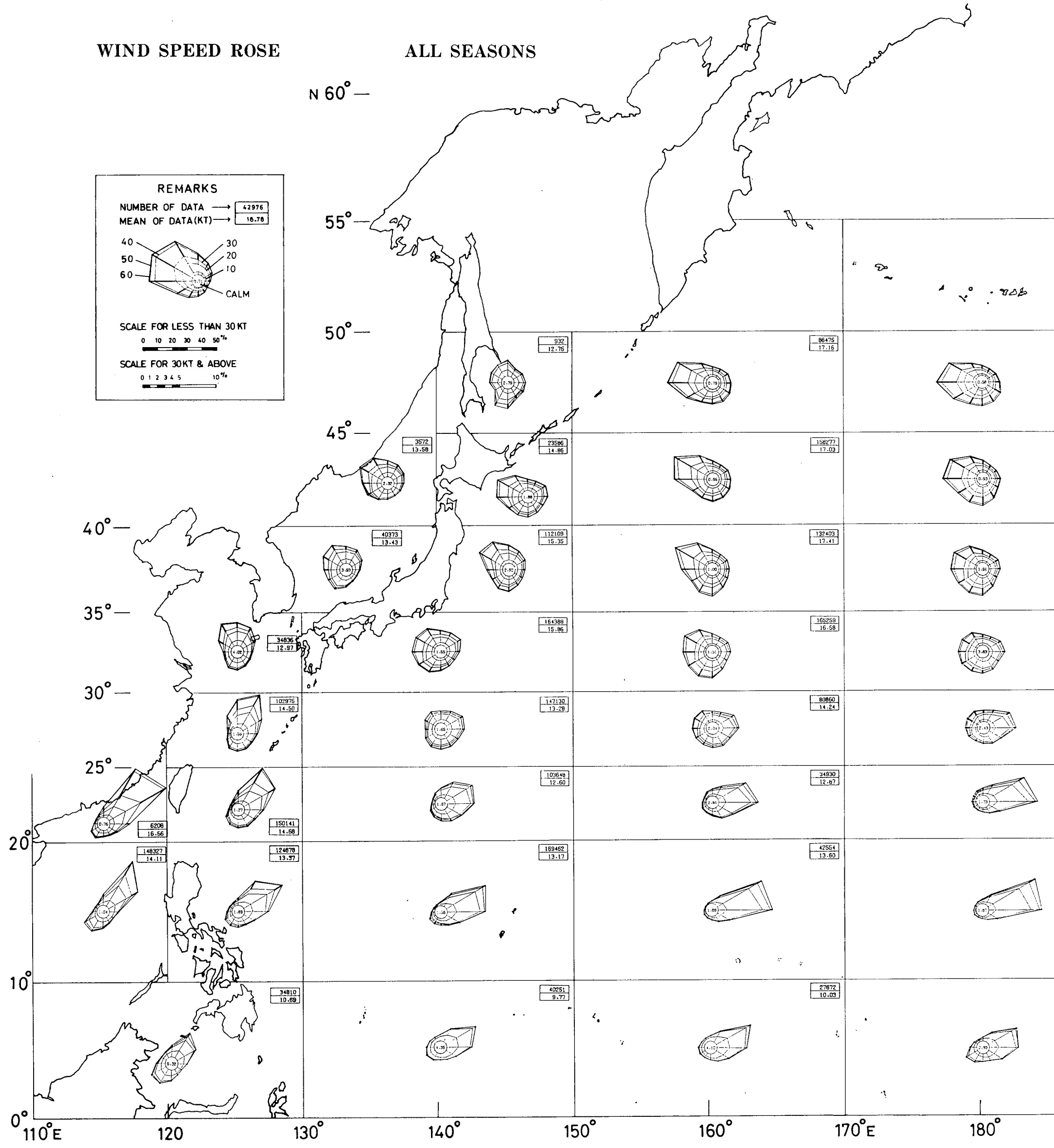
WIND SPEED ROSE ALL SEASONS

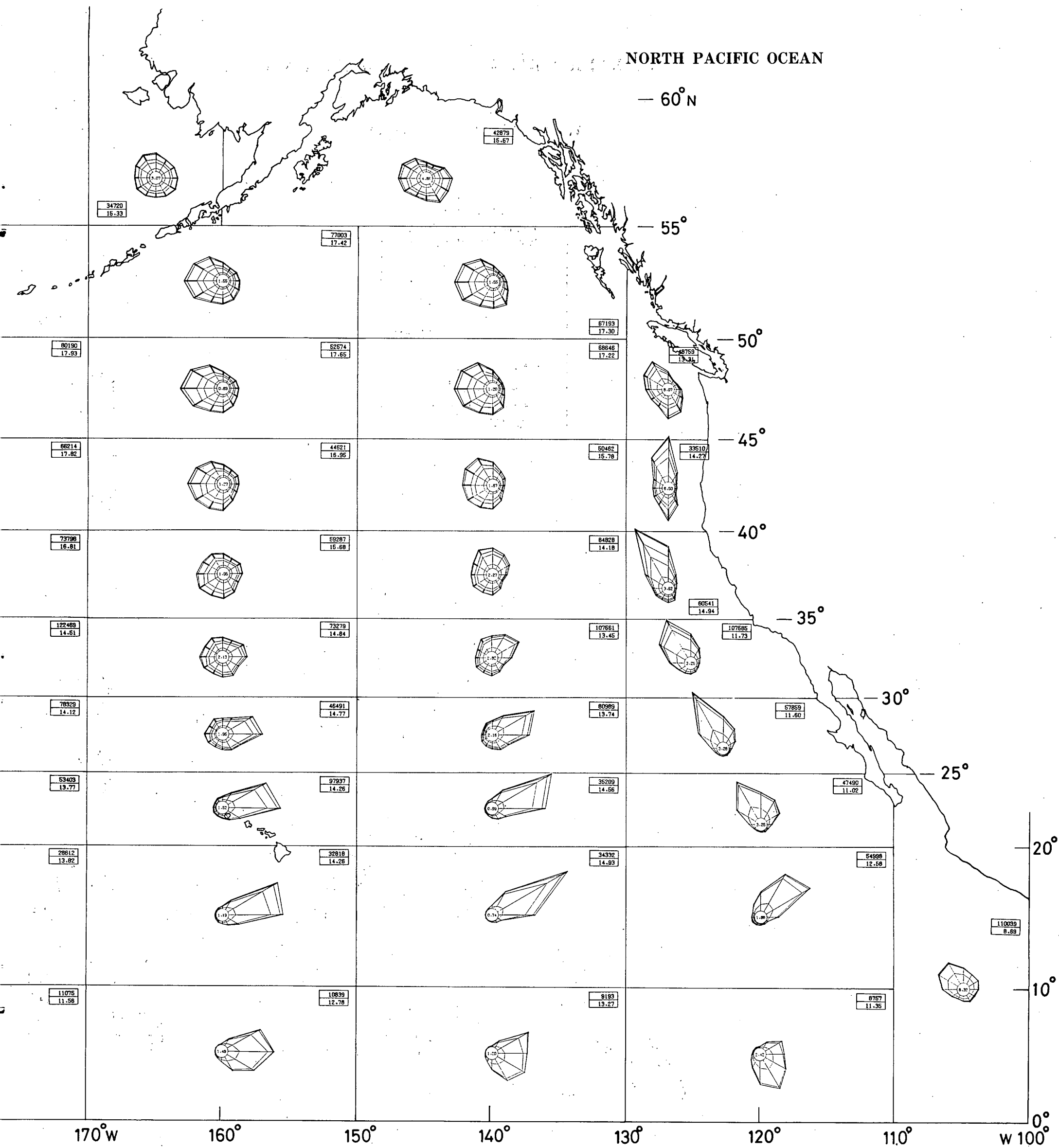
ADJACENT SEA OF JAPAN

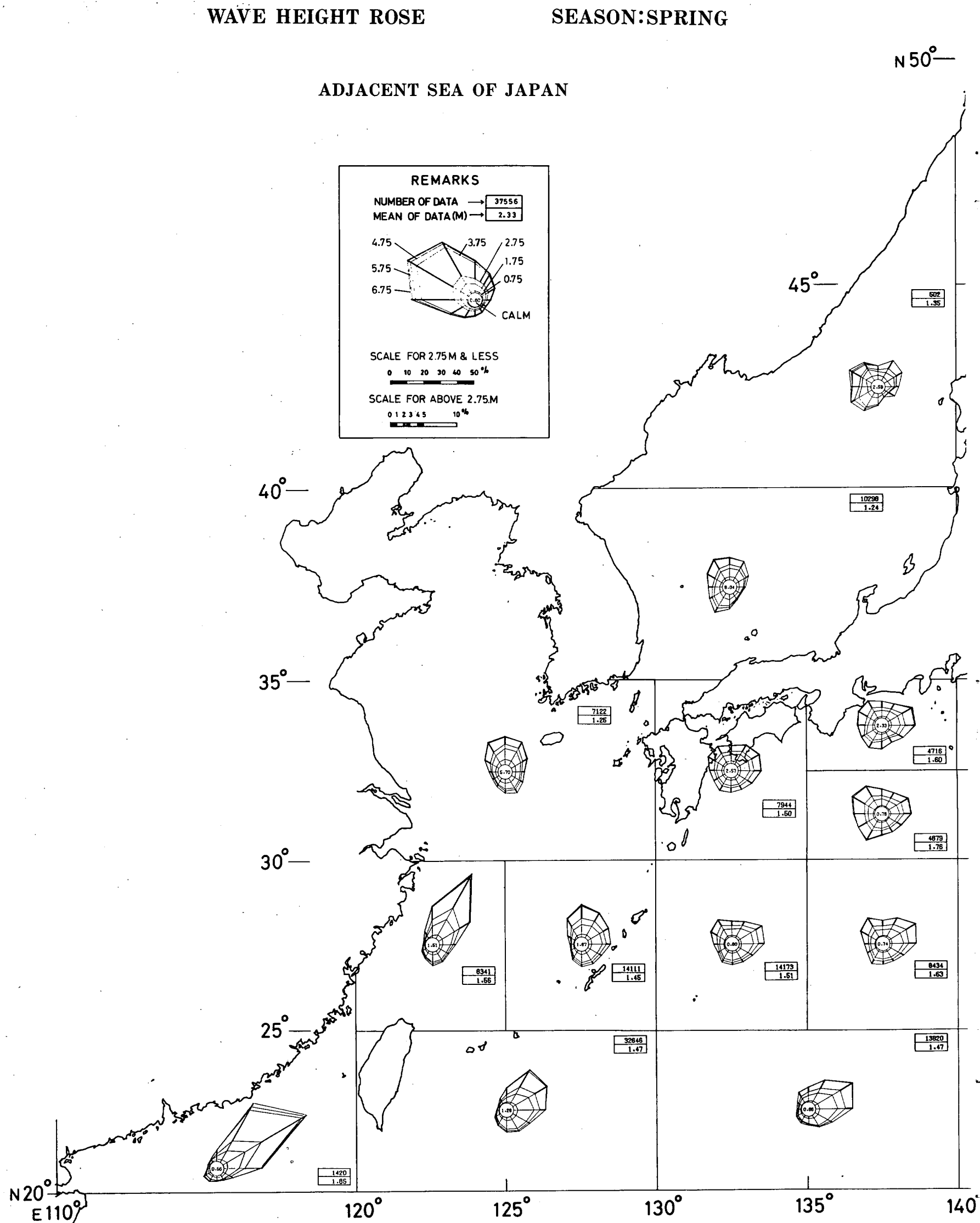


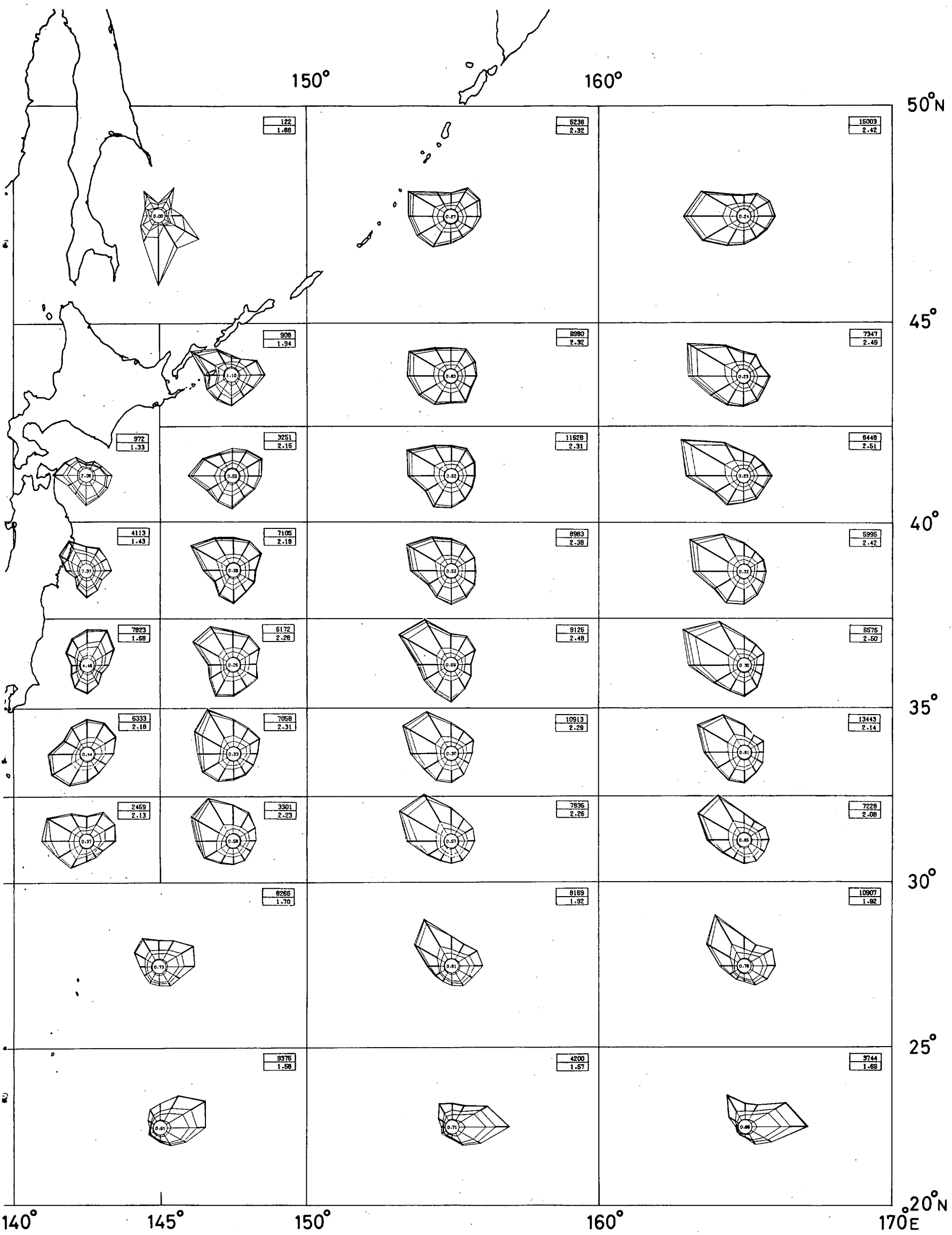


WIND SPEED ROSE ALL SEASONS



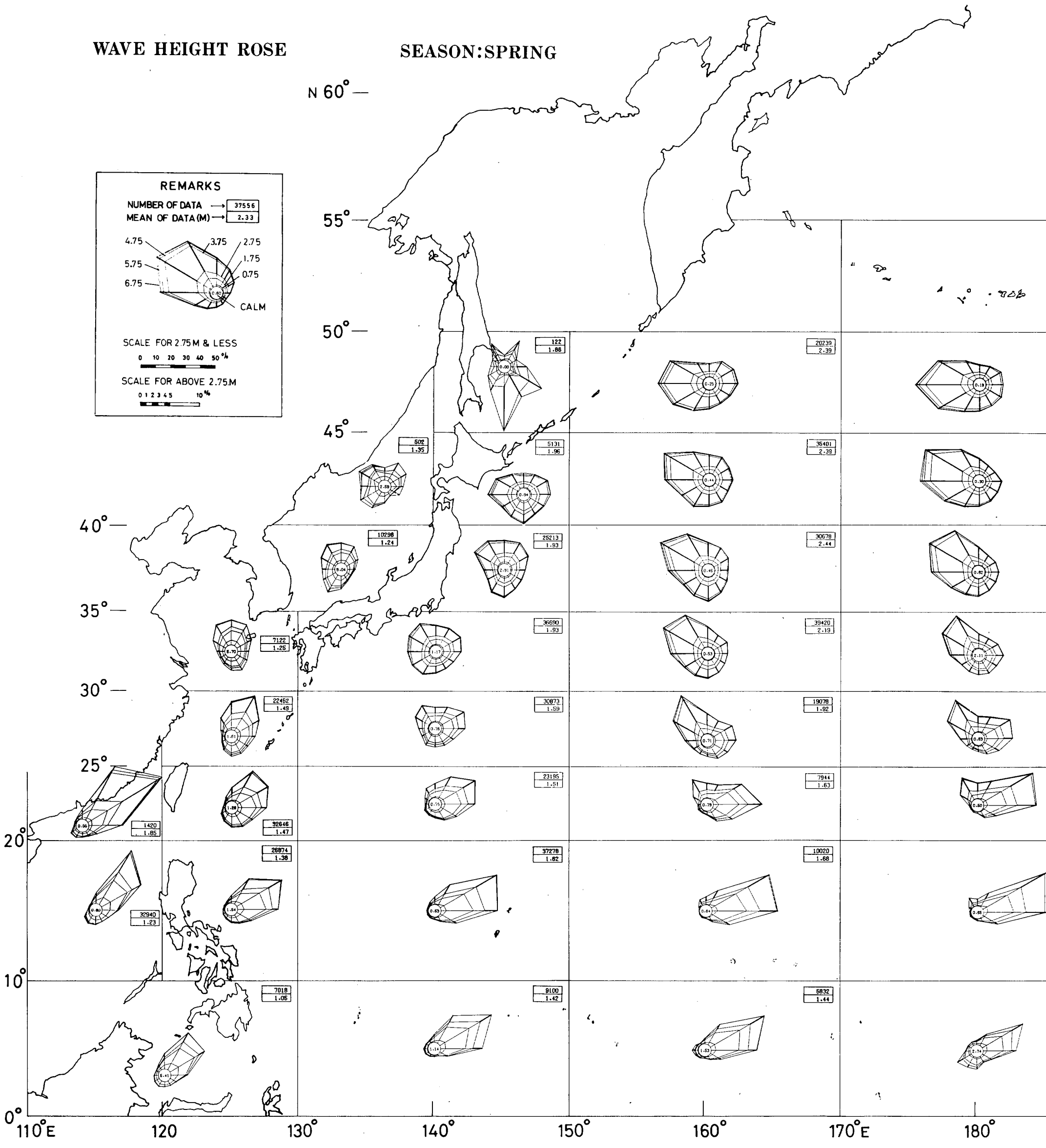


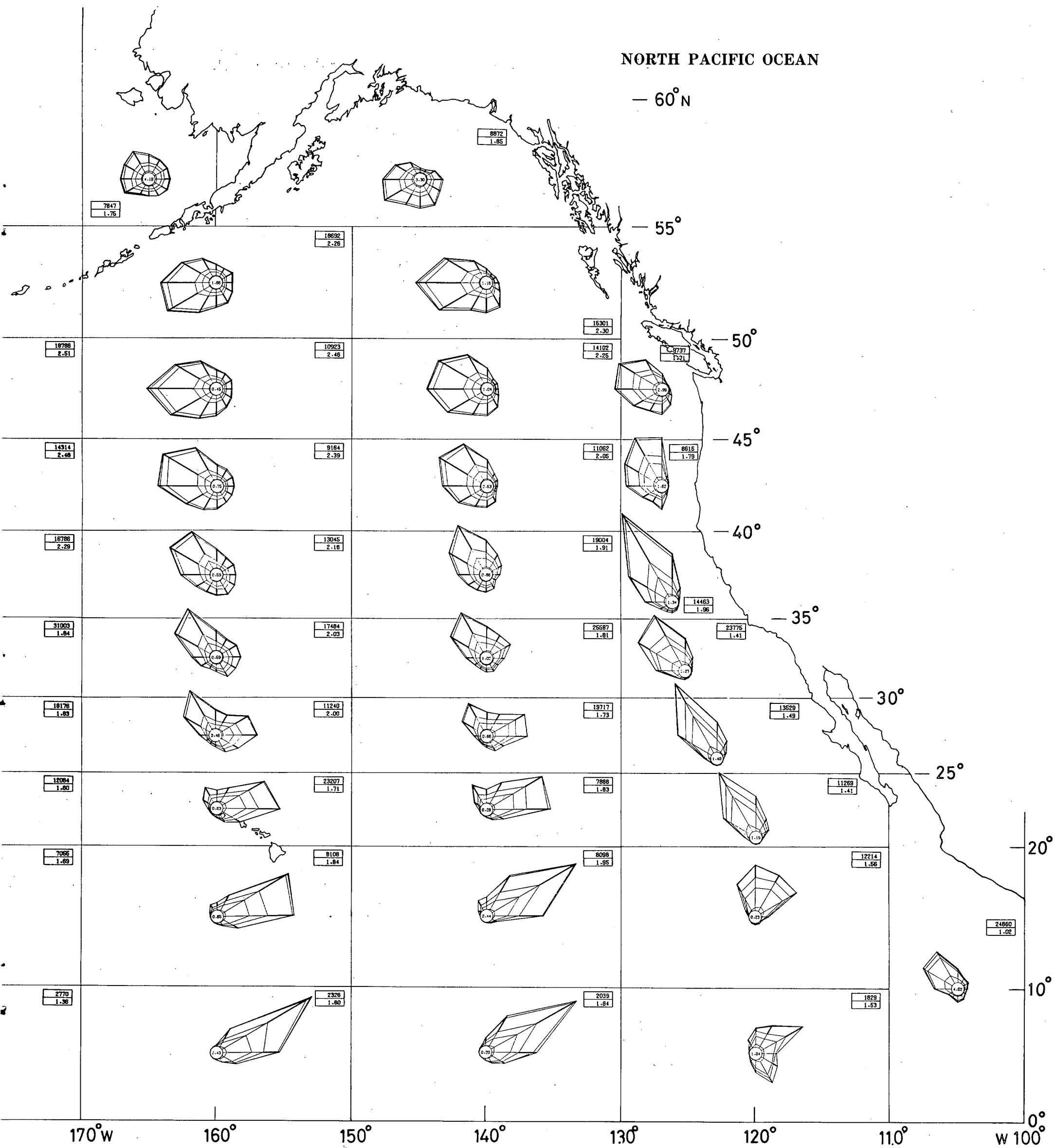




WAVE HEIGHT ROSE

SEASON:SPRING

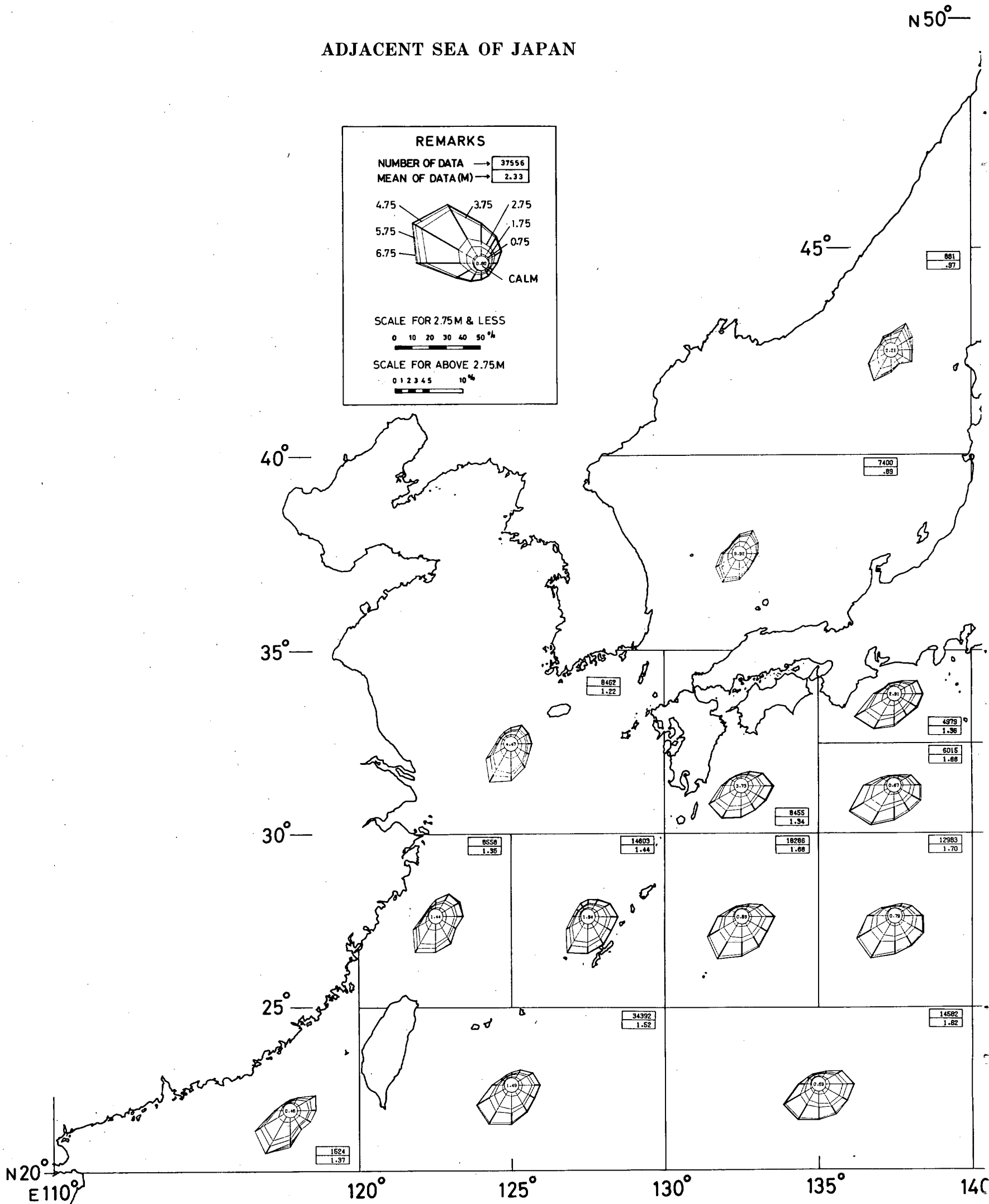


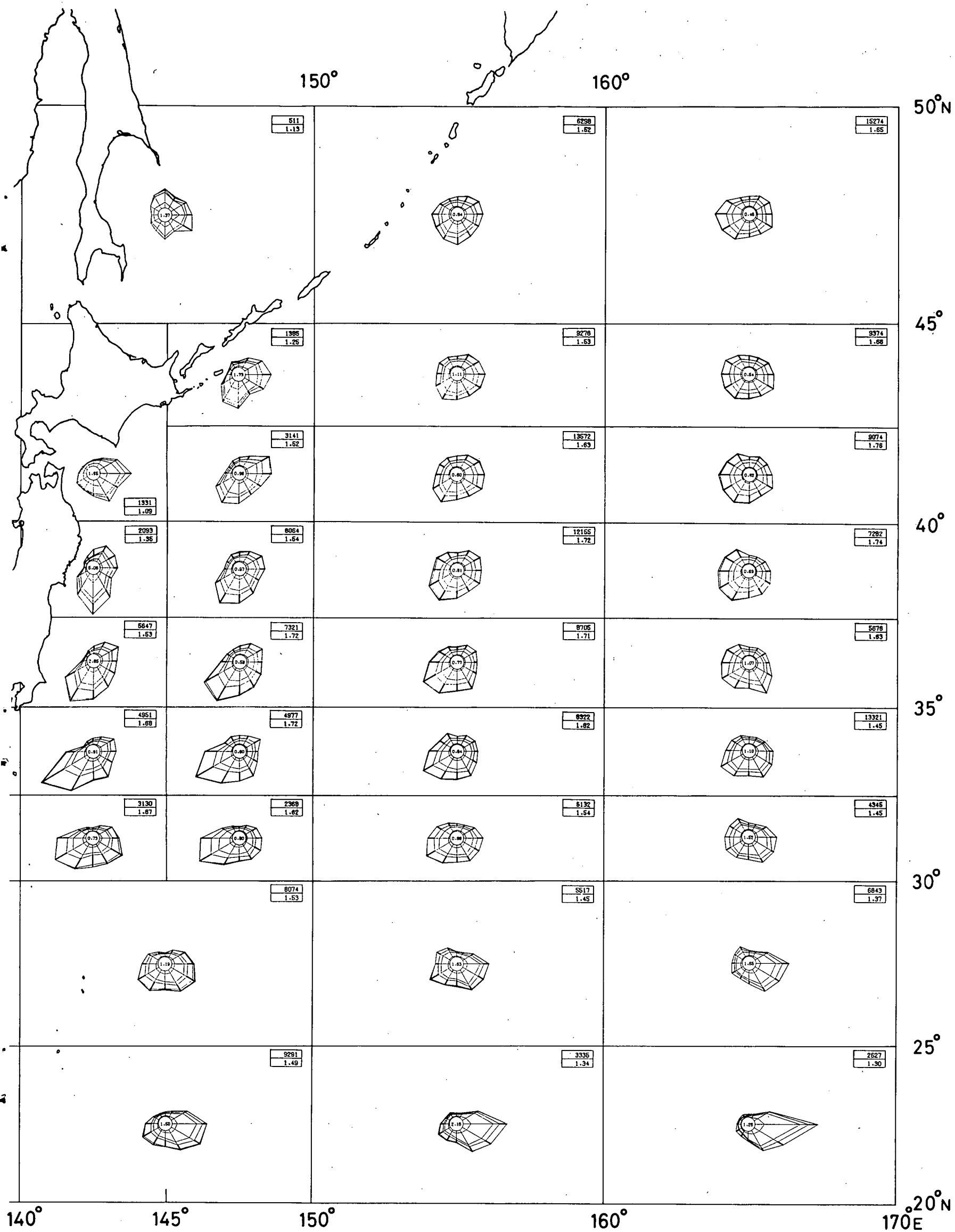


WAVE HEIGHT ROSE

SEASON:SUMMER

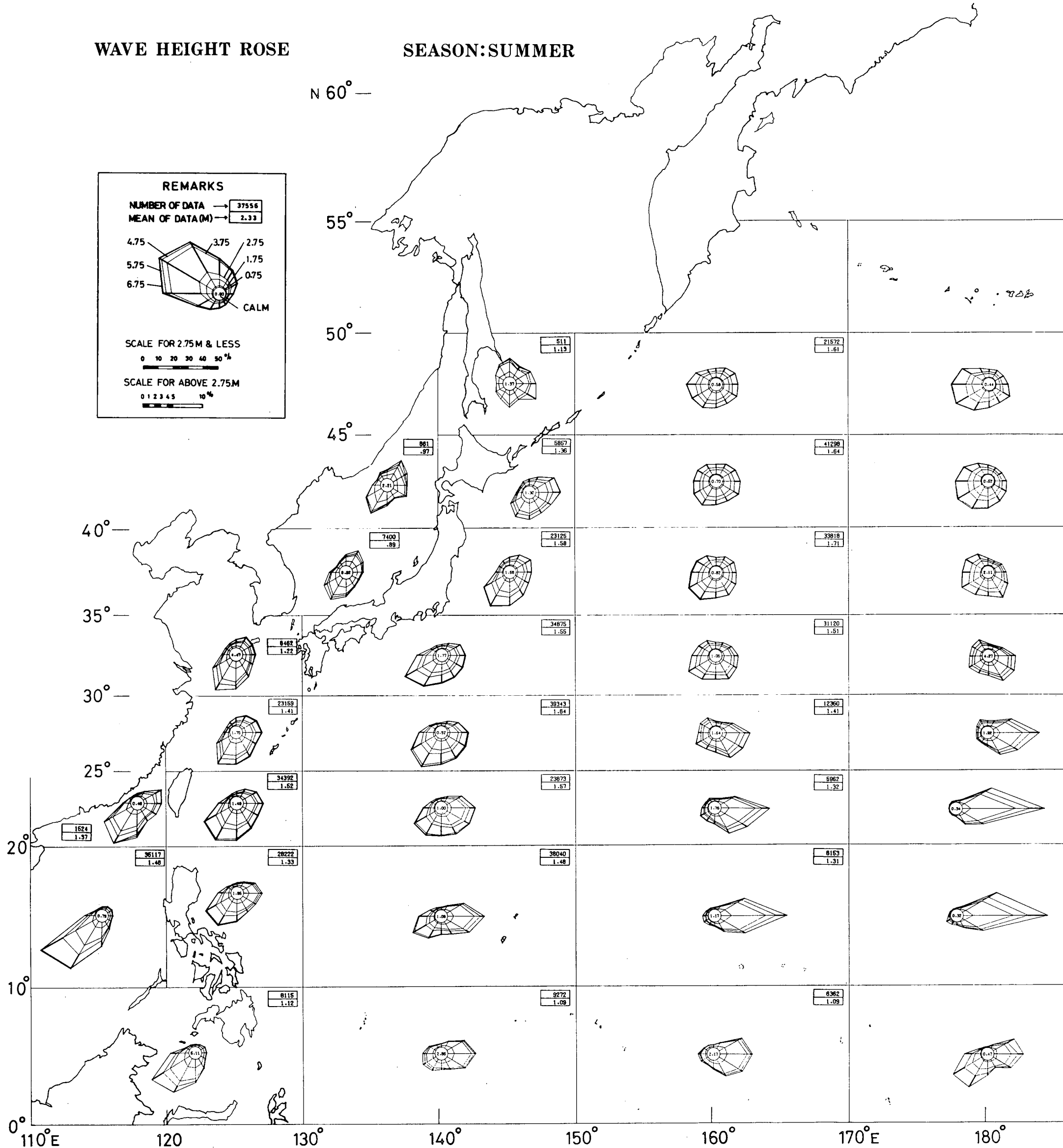
ADJACENT SEA OF JAPAN

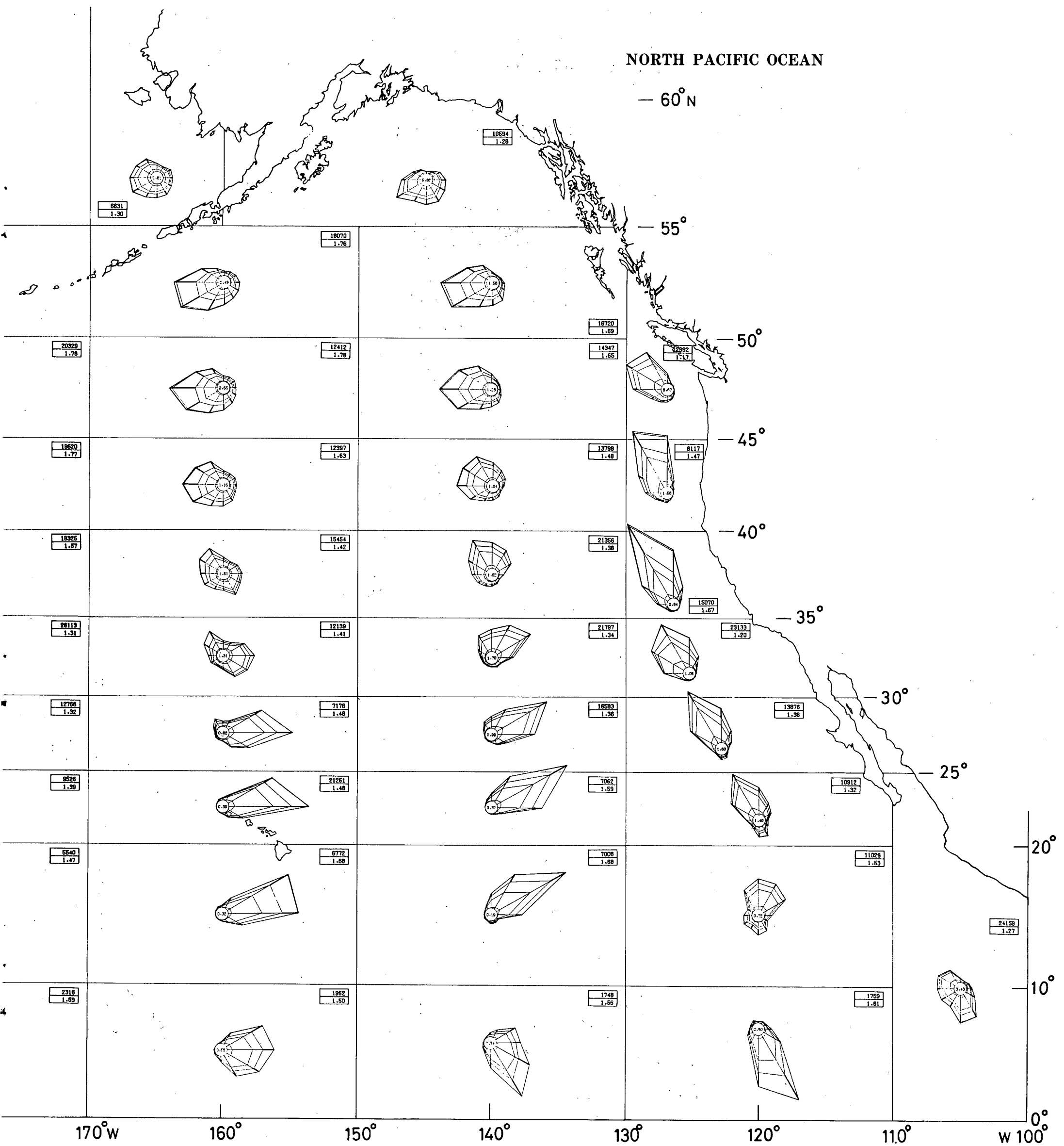




WAVE HEIGHT ROSE

SEASON:SUMMER

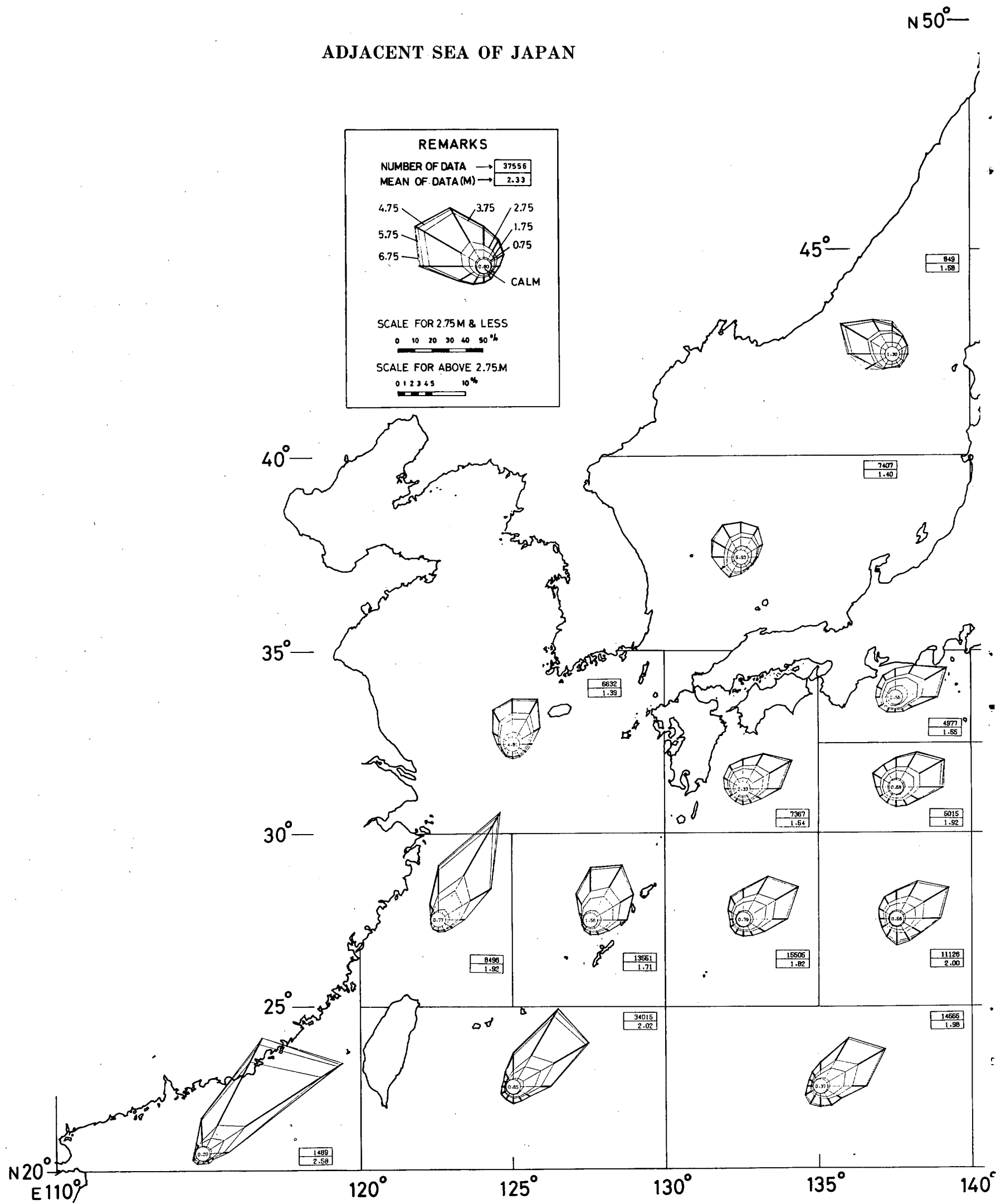


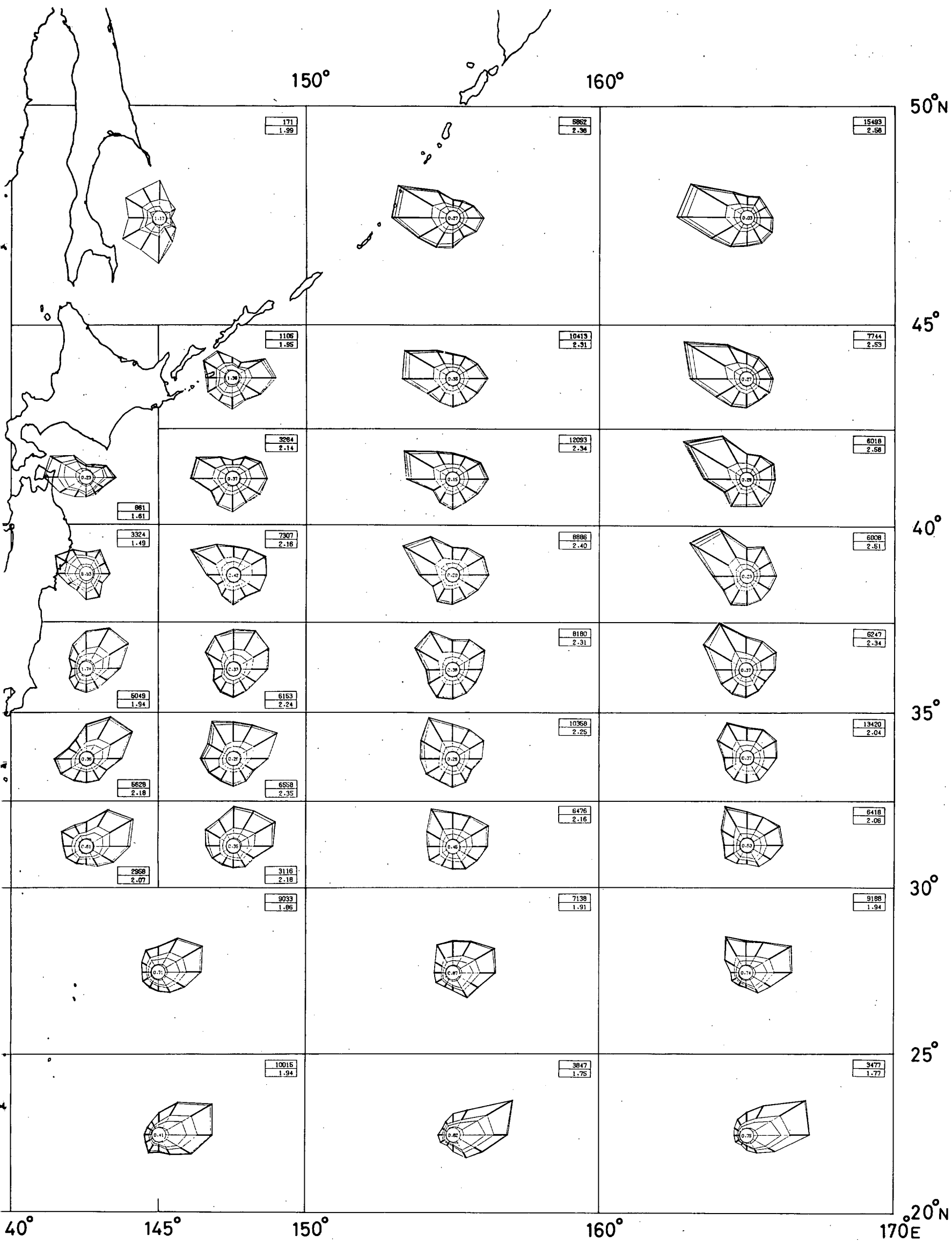


WAVE HEIGHT ROSE

SEASON:AUTUMN

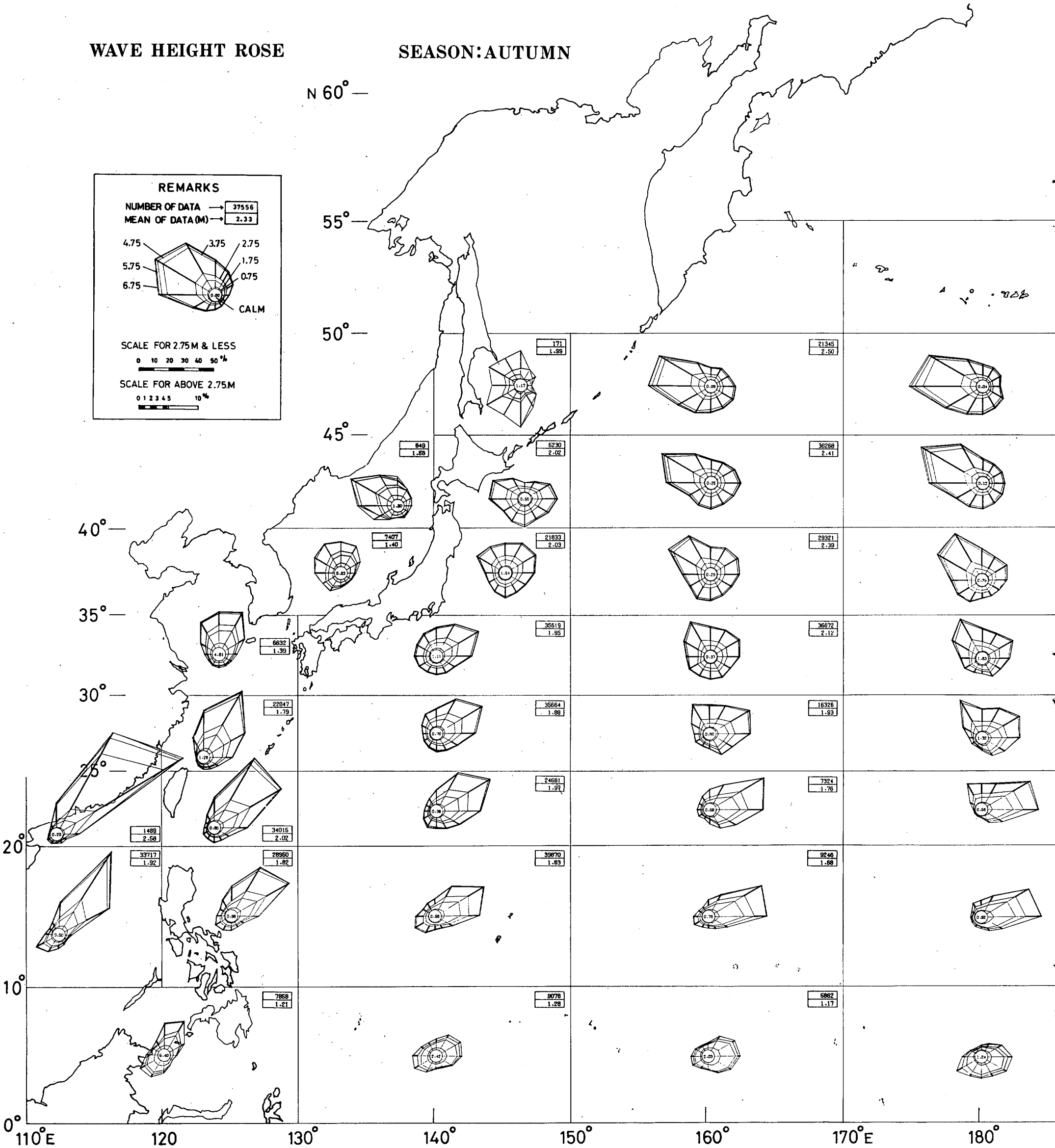
ADJACENT SEA OF JAPAN

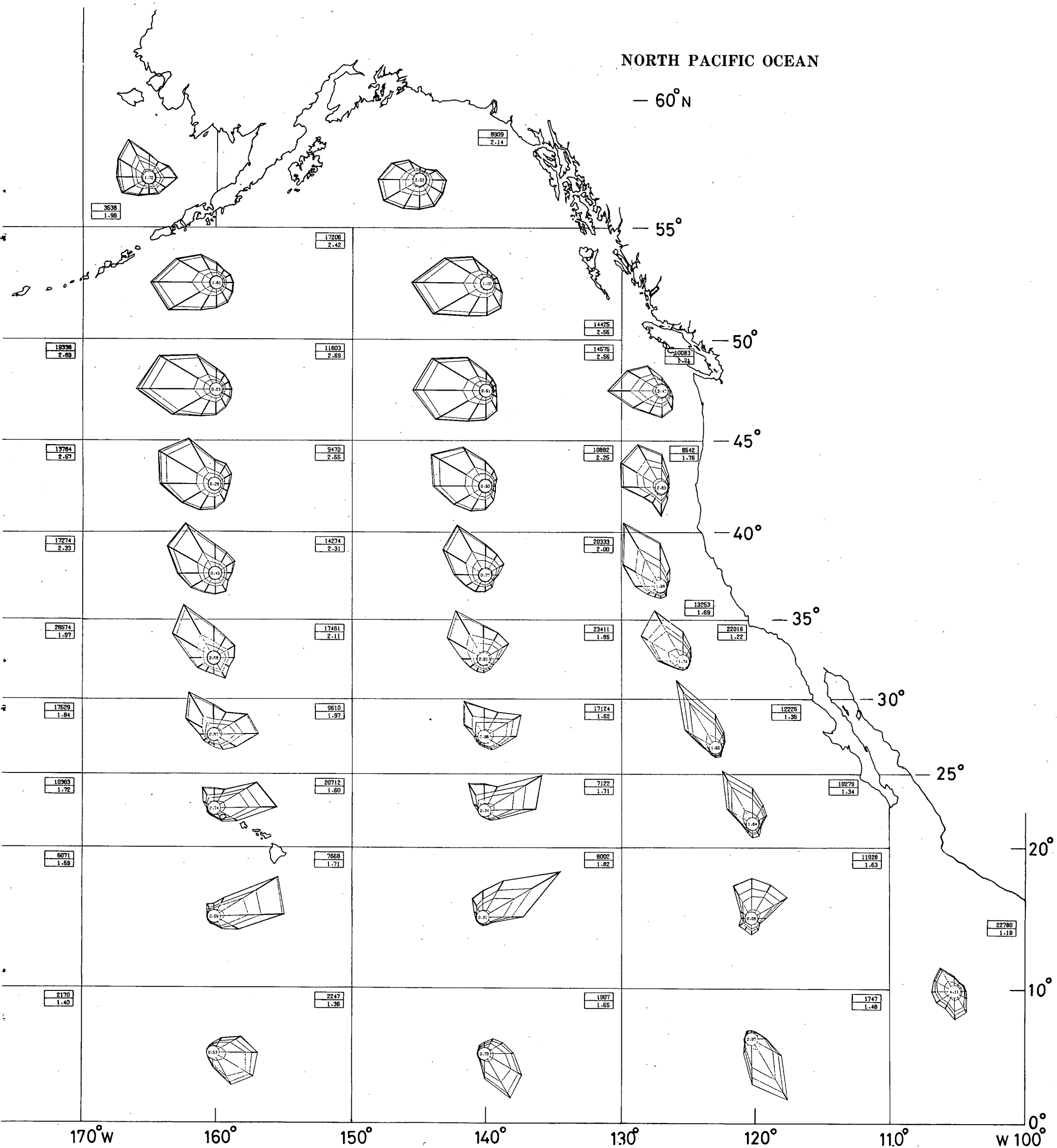




WAVE HEIGHT ROSE

SEASON:AUTUMN

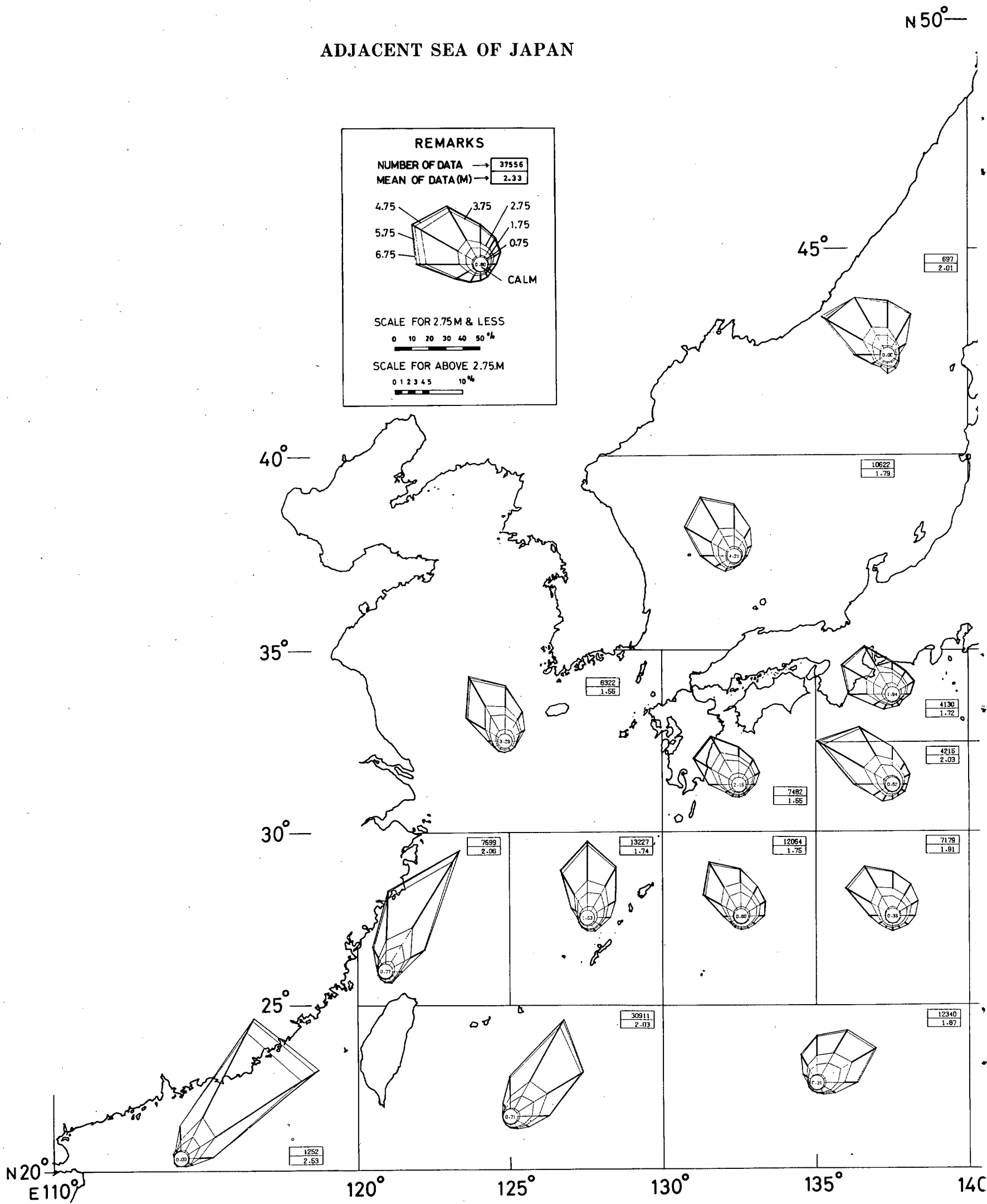


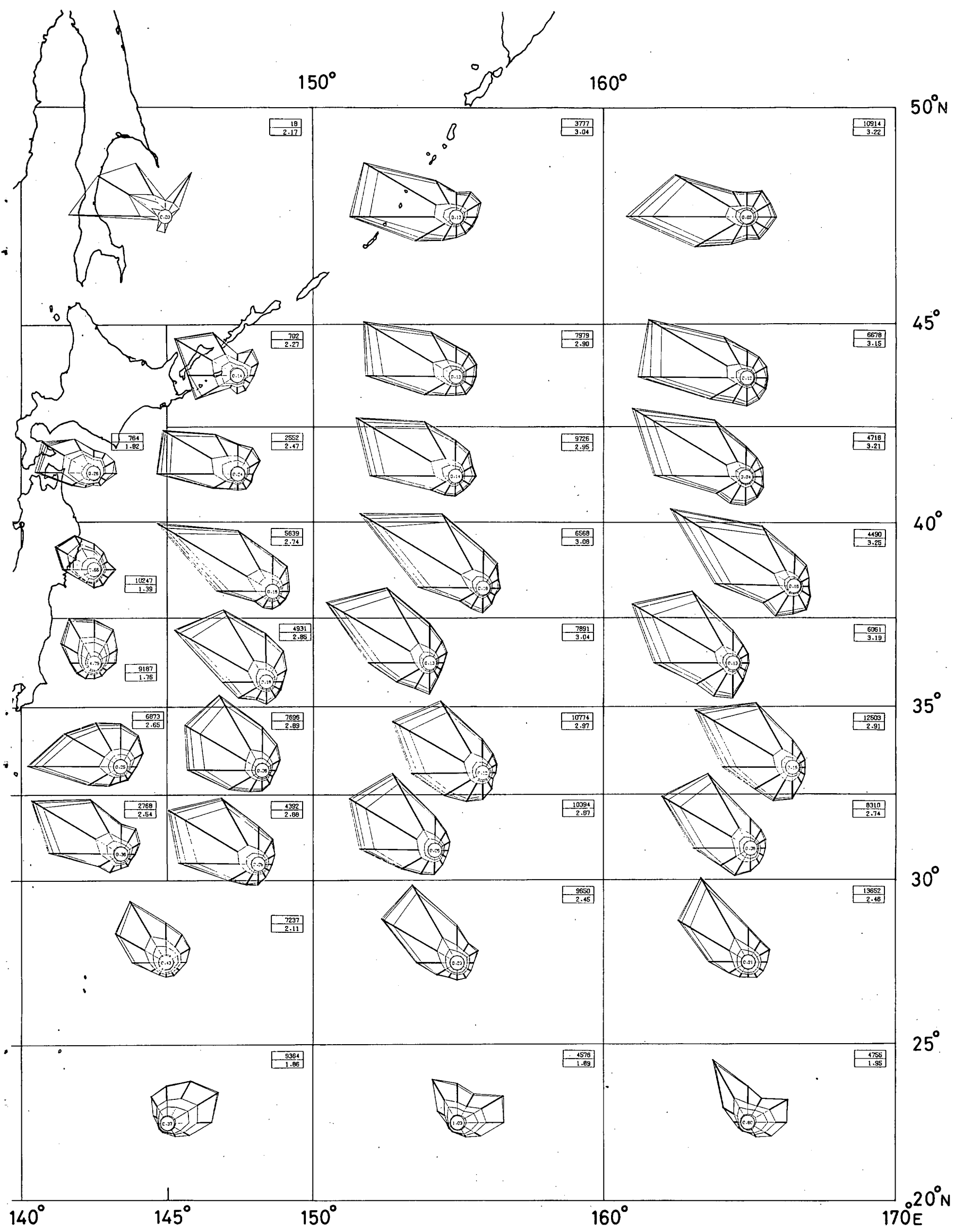


WAVE HEIGHT ROSE

SEASON: WINTER

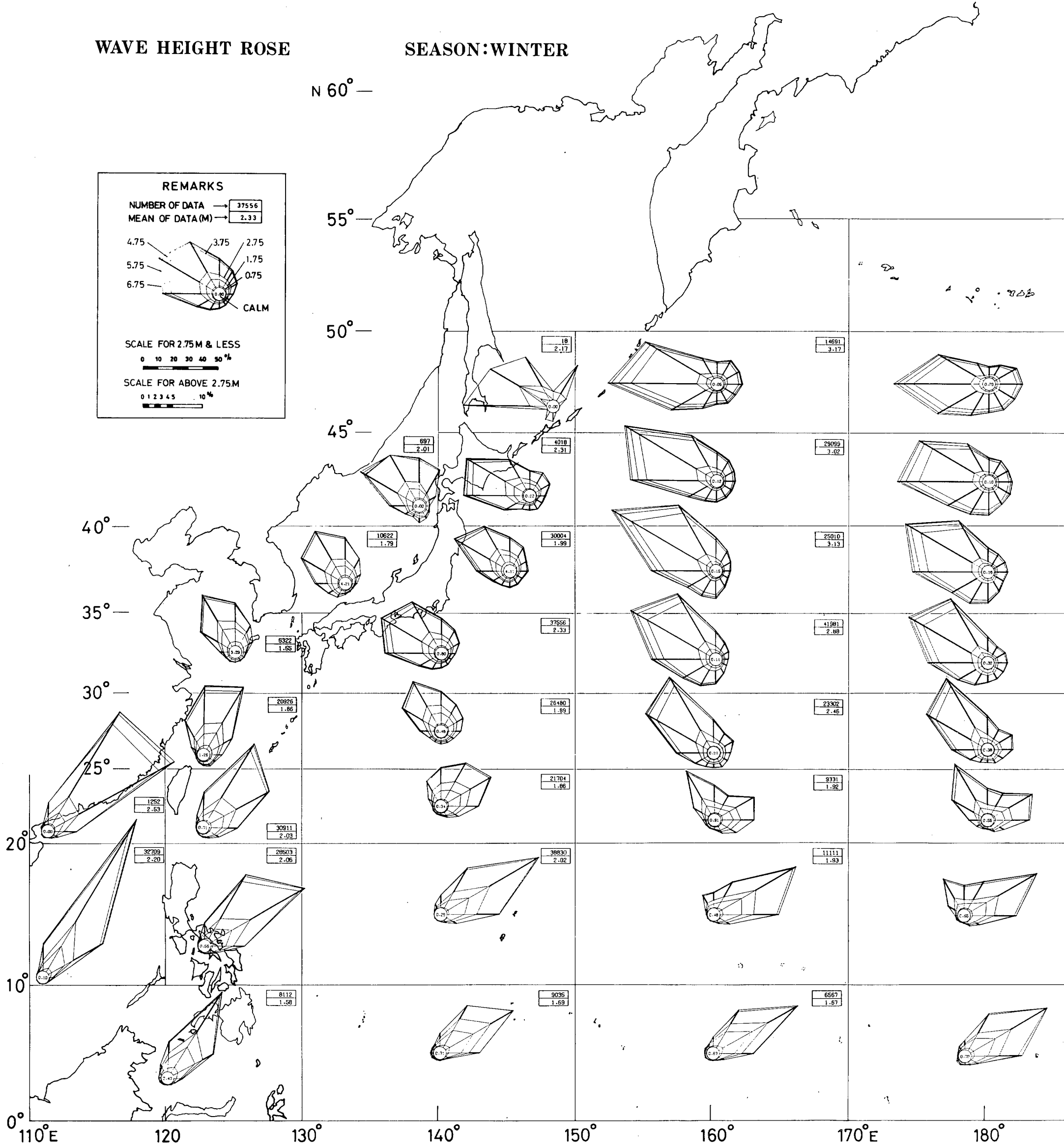
ADJACENT SEA OF JAPAN

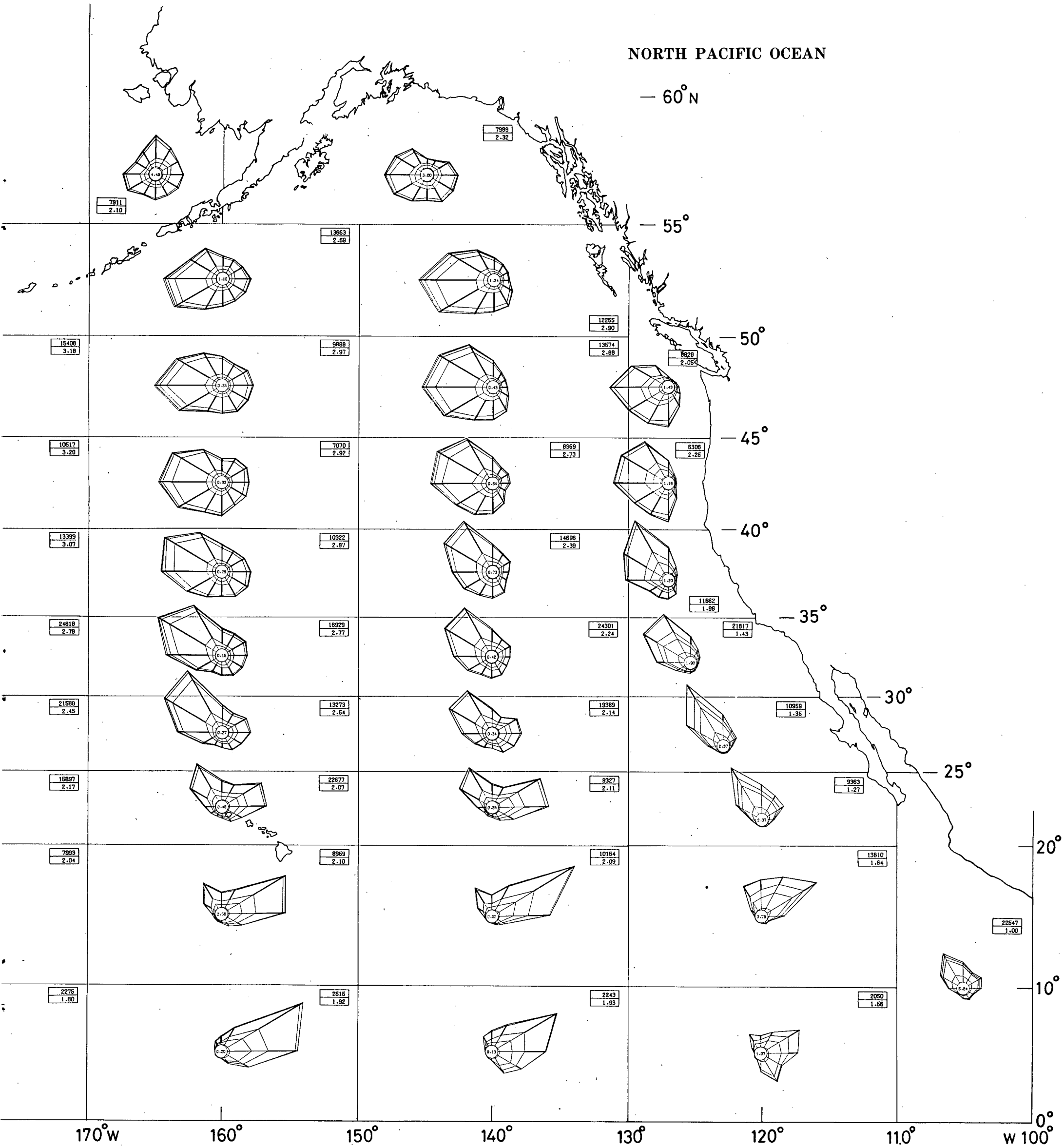




WAVE HEIGHT ROSE

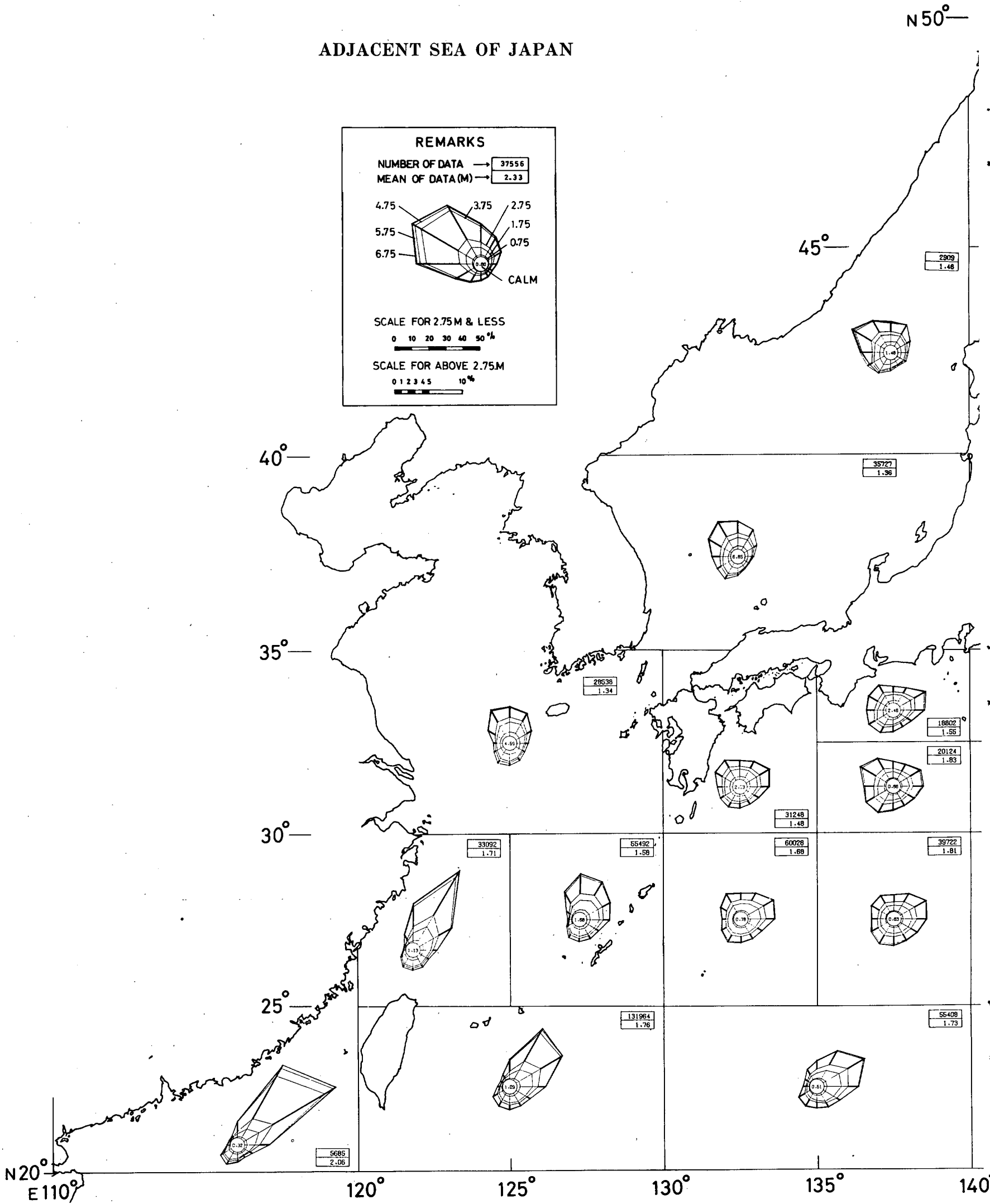
SEASON: WINTER

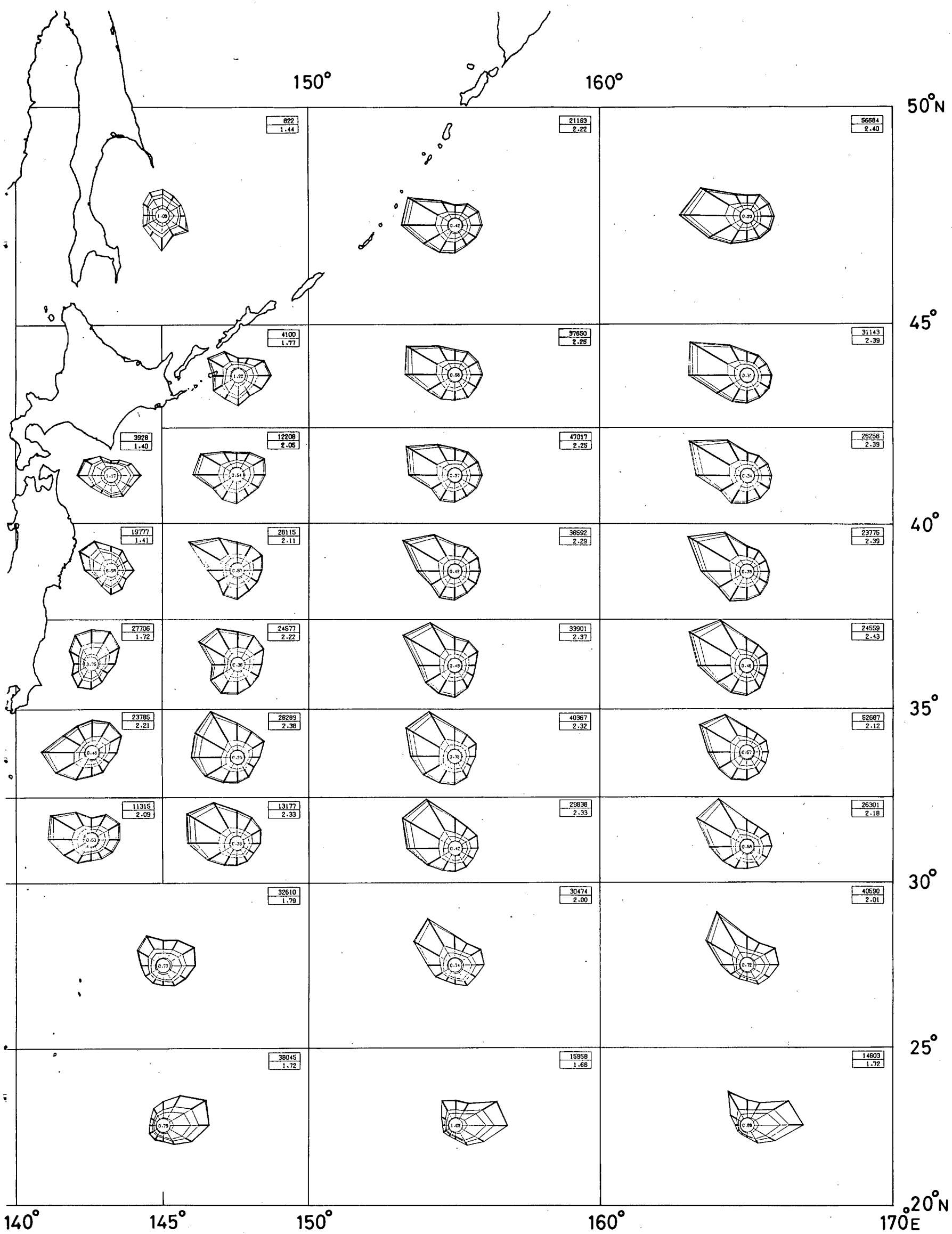




WAVE HEIGHT ROSE ALL SEASONS

ADJACENT SEA OF JAPAN





WAVE HEIGHT ROSE ALL SEASONS

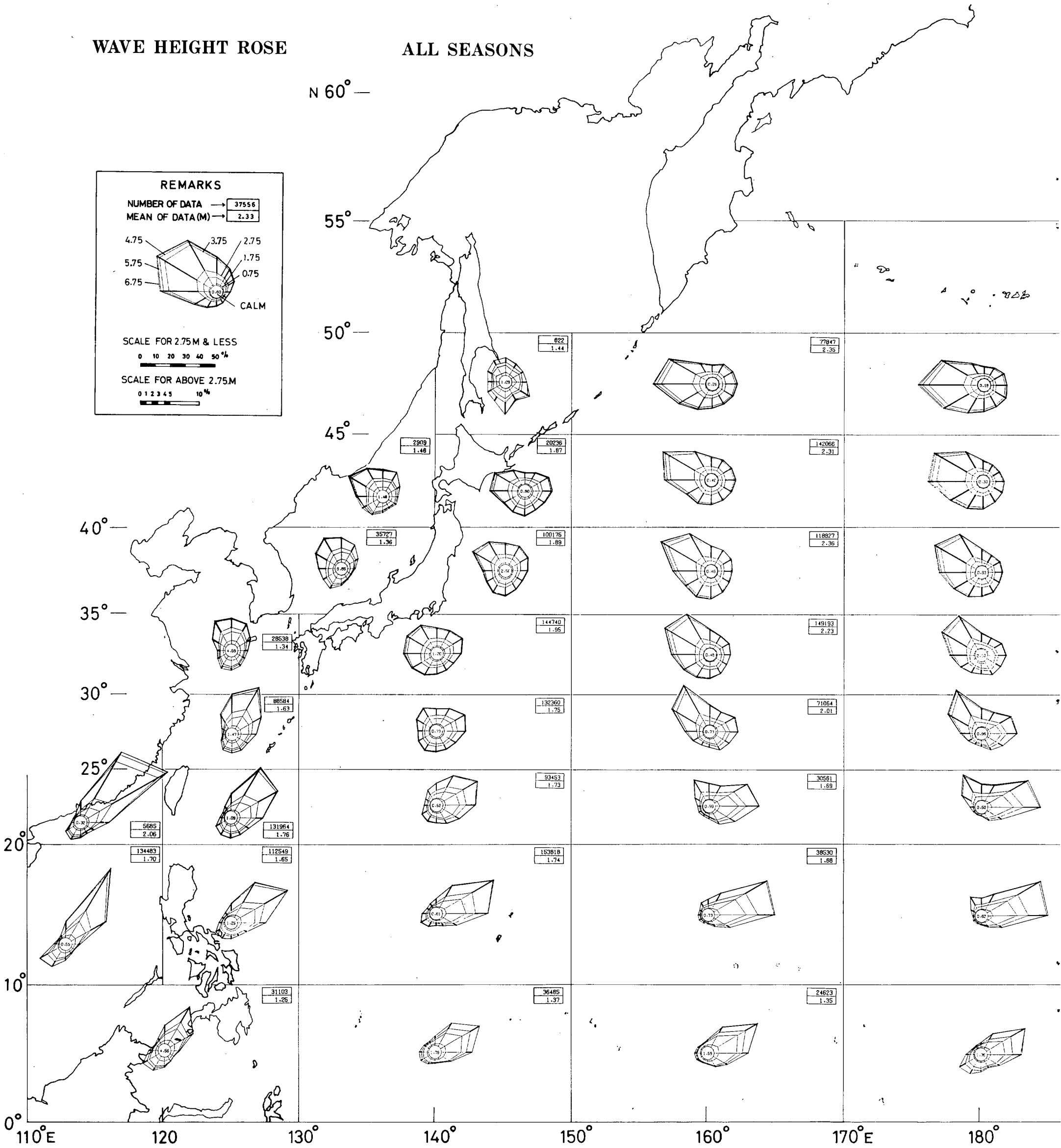
REMARKS

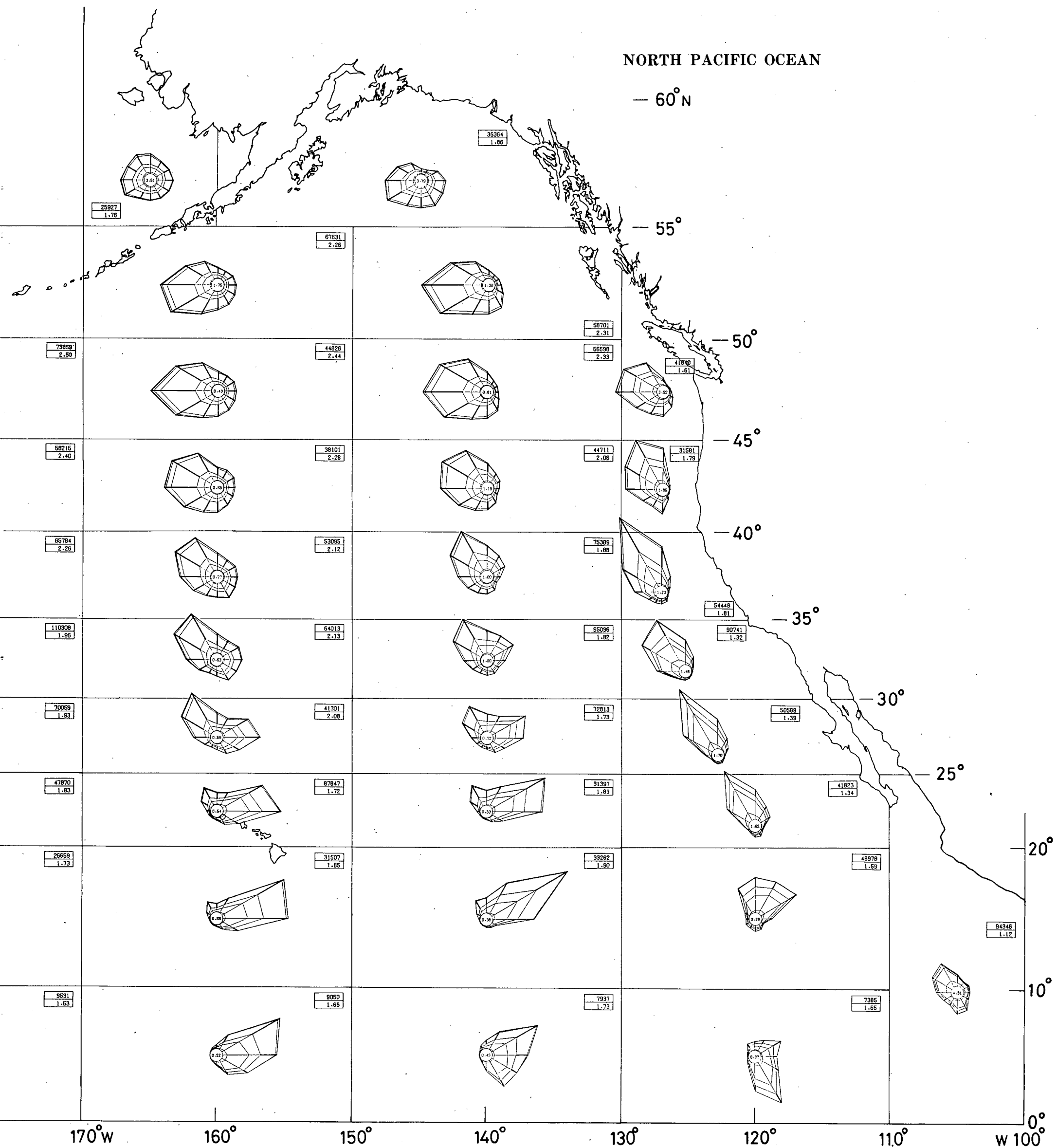
NUMBER OF DATA → 37556
MEAN OF DATA (M) → 2.33

4.75 3.75 2.75 1.75 0.75
5.75 6.75 CALM

SCALE FOR 2.75M & LESS
0 10 20 30 40 50 %

SCALE FOR ABOVE 2.75M
0 1 2 3 4 5 10 %





§ 8 Tables of Wave Height vs. Wave Period for Each Sub-Zones

WAVE HEIGHT – PERIOD

SEASON SPRING

AREA E01-E23,M03-M24W,M03-M28								
(00N-55N, 110E-110W)								
PERIOD (SEC)								
DATA NUMBER MEAN OF DATA 906317 1.87 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	83472	6301	2606	1851	188	182	4044	98644
0.75 -	233869	94269	39990	9161	6346	2575	2279	388489
1.75 -	72104	82645	59441	17264	7341	4115	1455	244365
2.75 -	18225	33858	31918	11410	6377	2550	521	104859
3.75 -	3816	9785	14398	5205	3576	1659	160	38599
4.75 -	493	2197	4367	1823	1406	531	60	10877
5.75 -	158	783	1769	998	1003	459	30	5200
6.75 -	110	1001	975	607	496	321	10	3520
7.75 -	65	196	345	209	287	144	1	1247
8.75 -	37	107	179	131	182	138	2	776
9.75 -	10	67	181	64	135	92	1	550
10.75 -	3	10	13	7	14	18		65
11.75 -		10	10	69	17	19		125
12.75 -		4	6	4	3			17
13.75 -		1	3	10	3			17
14.75 -		4	9	12	10	11		46
CALM	2811	48	27		2		6033	8921
TOTAL	415173	231286	156237	49825	27386	12814	14596	906317
MAX	11.50	20.00	20.00	20.00	16.50	16.50	10.00	20.00

AREA E03								
(40N-45N, 140E-145E)								
PERIOD (SEC)								
DATA NUMBER MEAN OF DATA 927 1.33 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	131	19	16			1	9	176
0.75 -	248	196	72	17	1	1		535
1.75 -	57	63	26	1	4	2		153
2.75 -	16	11	13	1	3	1		45
3.75 -	5		2					7
4.75 -		1						1
5.75 -								
6.75 -		1						1
7.75 -								
8.75 -	1							1
9.75 -						1		1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	458	291	129	19	8	6	16	927
MAX	9.00	7.00	4.00	3.00	3.00	10.00	.00	10.00

AREA E01								
(45N-50N, 140E-150E)								
PERIOD (SEC)								
DATA NUMBER MEAN OF DATA 122 1.86 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	11	10	3					24
0.75 -	21	12	2					35
1.75 -	18	10	9			1		38
2.75 -		13	6					19
3.75 -			2					2
4.75 -			2					2
5.75 -		1		1				2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM								
TOTAL	50	46	24	1		1		122
MAX	2.50	6.00	5.00	6.00		2.00		6.00

AREA E04N								
(42.5N-45N, 145E-150E)								
PERIOD (SEC)								
DATA NUMBER MEAN OF DATA 900 1.97 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	90	10	5				5	110
0.75 -	243	83	52	6	7	3		394
1.75 -	75	50	61	6	5	4		201
2.75 -	18	31	27	5	6	3		90
3.75 -	8	11	23	1	7	4		54
4.75 -		3	7	1	1			12
5.75 -	3	1	6	2		1		13
6.75 -		3	2	1	8			14
7.75 -		2	2		1			5
8.75 -					1	1		2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							5	5
TOTAL	437	194	195	22	36	16	10	900
MAX	6.50	8.00	8.50	7.00	9.00	9.00	.00	9.00

AREA E02N								
(40N-50N, 120E-140E)								
PERIOD (SEC)								
DATA NUMBER MEAN OF DATA 451 1.33 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	116	7	5				14	142
0.75 -	151	37	4		1	2		195
1.75 -	25	43	6	2				76
2.75 -	7	12	4	2				25
3.75 -	6	4			1			11
4.75 -			1					1
5.75 -								
6.75 -			1					1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM								
TOTAL	305	103	21	4	2	2	14	451
MAX	4.50	4.50	7.00	3.00	4.50	1.50	.00	7.00

AREA E04S								
(40N-42.5N, 145E-150E)								
PERIOD (SEC)								
DATA NUMBER MEAN OF DATA 3170 2.18 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	236	19	16	5		2	11	289
0.75 -	716	298	141	17	15	5		1192
1.75 -	269	323	184	57	19	7		859
2.75 -	106	160	114	36	30	9		455
3.75 -	25	51	79	23	16	11		205
4.75 -	5	18	24	6	3	3		59
5.75 -	1	5	9	7	7	7		36
6.75 -		10	22	4	5			41
7.75 -	1	5	6	3	4	3		22
8.75 -			1	1	1			3
9.75 -		1		1		3		5
10.75 -								
11.75 -					1			1
12.75 -								
13.75 -								
14.75 -								
CALM							3	3
TOTAL	1359	890	596	160	101	50	14	3170
MAX	8.00	10.00	9.50	10.00	12.50	10.00	.00	12.50

AREA E02S								
(35N-40N, 120E-140E)								
PERIOD (SEC)								
DATA NUMBER MEAN OF DATA 8357 1.35 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1703	71	30	19	4	5	84	1916
0.75 -	3084	615	127	31	12	23		3892
1.75 -	660	591	201	38	14	9		1513
2.75 -	90	228	155	19	15	3		510
3.75 -	10	63	66	16	6	3		164
4.75 -		6	9	5	3	2		25
5.75 -		1	4	2	1			8
6.75 -		5	2			3		10
7.75 -			1					1
8.75 -		1						1
9.75 -								
10.75 -		1						1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							316	316
TOTAL	5547	1582	595	130	55	48	400	8357
MAX	4.00	11.50	8.00	6.50	6.00	7.50	.00	11.50

AREA E05N									DATA NUMBER	3543
(37.5N-40N, 140E-145E)									MEAN OF DATA	1.54 M
		PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	541	27	11	8	2	3	26	618		
0.75 -	1053	276	128	17	21	16		1511		
1.75 -	297	280	151	24	27	13		792		
2.75 -	43	108	90	14	10	7		272		
3.75 -	5	26	31	8	7	3		80		
4.75 -	2	9	14	1	2			28		
5.75 -	1	3	9		4	3		20		
6.75 -	2	7	4					13		
7.75 -			3		1			4		
8.75 -	2	1	2					5		
9.75 -										
10.75 -										
11.75 -										
12.75 -										
13.75 -										
14.75 -										
CALM							200	200		
TOTAL	1946	737	443	72	74	45	226	3543		
MAX	9.00	9.00	9.50	5.00	8.00	6.00	.00	9.50		

WAVE HEIGHT - PERIOD

SEASON SPRING

AREA E05S (35N-37.5N, 140E-145E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 6826 1.81 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	770	10	11	21	3	2	33	850
0.75 -	2043	496	230	36	39	19		2863
1.75 -	747	546	327	79	38	31		1768
2.75 -	176	264	205	55	25	8		733
3.75 -	41	91	103	21	14	7		277
4.75 -	1	17	38	13	10	1		80
5.75 -	3	1	15	3	7	2		31
6.75 -	1	18	12	3		1		35
7.75 -	2	2	2	1	7			14
8.75 -	2		1	1	1	2		7
9.75 -	1	1			1			3
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							165	165
TOTAL	3787	1446	944	233	145	73	198	6826
MAX	10.00	10.00	9.00	9.00	10.00	9.00	.00	10.00

AREA E08 (30N-35N, 130E-135E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 7308 1.55 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1151	44	15	6	3	2	77	1298
0.75 -	2505	646	205	22	36	27		3441
1.75 -	750	546	275	31	24	17		1643
2.75 -	181	193	166	27	17	10		594
3.75 -	42	62	54	14	13	4		189
4.75 -	5	11	13	2	3	1		35
5.75 -	2	4	4	2	1			13
6.75 -	1	7	1	2				11
7.75 -			2	1				3
8.75 -				1	2			3
9.75 -								
10.75 -								
11.75 -								
12.75 -			1					1
13.75 -								
14.75 -								
CALM							77	77
TOTAL	4637	1513	736	108	99	61	154	7308
MAX	7.00	7.50	13.00	9.00	9.00	5.00	.00	13.00

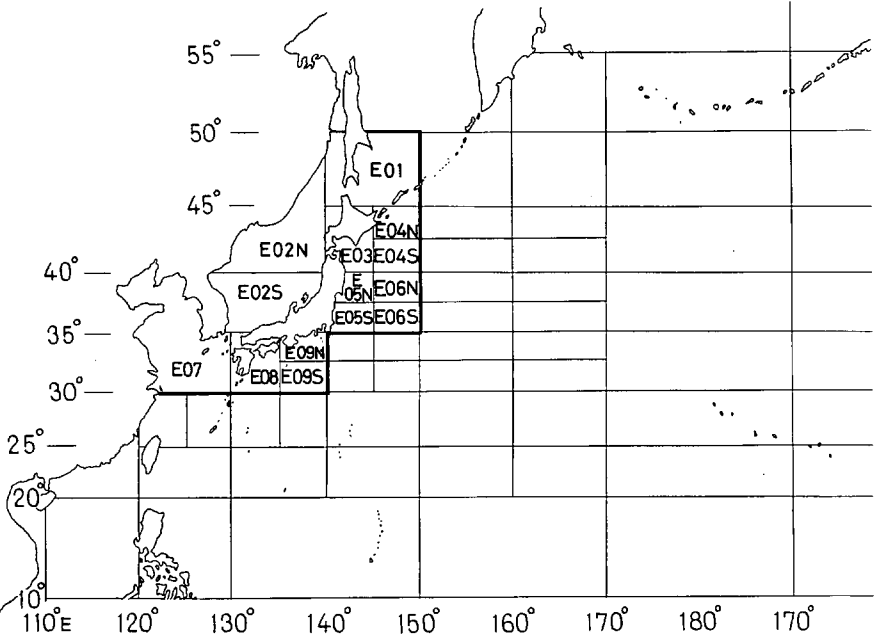
AREA E06N (37.5N-40N, 145E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 6964 2.19 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	477	13	8	7			26	531
0.75 -	1626	559	281	43	22	4		2535
1.75 -	793	652	399	139	37	22		2042
2.75 -	244	408	289	95	36	13		1085
3.75 -	62	118	175	38	38	20		451
4.75 -	7	25	45	16	20	6		119
5.75 -	3	11	17	8	11	9		59
6.75 -	1	35	15	11	11	6		79
7.75 -	5	3	4	6	1	4		23
8.75 -	3	2	1		6	4		16
9.75 -			7		2	2		11
10.75 -		1						1
11.75 -				1				1
12.75 -			2					2
13.75 -			1					1
14.75 -								
CALM							8	8
TOTAL	3221	1827	1244	354	184	90	34	6964
MAX	9.00	11.00	14.00	12.00	10.00	10.00	.00	14.00

AREA E09N (32.5N-35N, 135E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 4215 1.67 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	539	24	9	5	1		58	636
0.75 -	1396	407	112	15	10	12		1952
1.75 -	499	322	132	22	17	13		1005
2.75 -	143	138	95	20	9	3		408
3.75 -	26	45	44	13	5	7		140
4.75 -		6	10	2	3			21
5.75 -	1	1	2		1			5
6.75 -	2	6	4	2	1			15
7.75 -	1	2	2					5
8.75 -		1	1					2
9.75 -								
10.75 -								
11.75 -		1	1					2
12.75 -								
13.75 -								
14.75 -								
CALM							24	24
TOTAL	2607	953	412	79	47	35	82	4215
MAX	8.00	12.00	12.00	7.50	7.50	4.50	.00	12.00

AREA E06S (35N-37.5N, 145E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 6001 2.28 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	321	18	7	3	2	1	16	368
0.75 -	1337	442	173	26	41	18		2037
1.75 -	693	657	381	76	41	13		1861
2.75 -	239	376	316	77	25	8		1041
3.75 -	60	106	123	47	40	8		389
4.75 -	6	30	62	16	18			132
5.75 -	4	5	29	10	9	6		63
6.75 -	2	17	18	10	7	6		60
7.75 -	2	1	6	4	4	2		19
8.75 -	1	2	2	5	6	2		18
9.75 -		1	1	1	3			6
10.75 -		1	1					2
11.75 -					1			1
12.75 -								
13.75 -				1				1
14.75 -								
CALM							3	3
TOTAL	2665	1656	1124	276	197	64	19	6001
MAX	9.00	11.00	11.00	14.00	12.00	9.00	.00	14.00

AREA E09S (30N-32.5N, 135E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 4717 1.77 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	472	24	12	2	1		27	538
0.75 -	1474	488	186	26	20	17		2211
1.75 -	467	391	283	42	25	20		1228
2.75 -	139	167	132	40	19	5		502
3.75 -	22	51	54	22	8	13		170
4.75 -	5	7	16	4	2	1		35
5.75 -	3	2	6	1	2			14
6.75 -		4	1			1		6
7.75 -			1			1		2
8.75 -		2	1			2		5
9.75 -			1					1
10.75 -								
11.75 -			1	1				2
12.75 -								
13.75 -								
14.75 -								
CALM							3	3
TOTAL	2582	1136	694	138	77	60	30	4717
MAX	6.50	9.00	12.00	12.00	6.00	9.50	.00	12.00

AREA E07 (30N-40N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 6184 1.35 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1420	68	17	2	2	3	149	1661
0.75 -	2167	476	116	20	21	7		2807
1.75 -	497	385	147	33	14	10		1086
2.75 -	113	147	98	24	9	7		398
3.75 -	14	21	45	9	9	3		101
4.75 -	1	8	8	2	2			21
5.75 -	2	3	5	4	1	1		16
6.75 -	2	2	1	2		1		8
7.75 -			1					1
8.75 -								
9.75 -		2						2
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							83	83
TOTAL	4216	1112	438	96	58	32	232	6184
MAX	7.00	10.00	8.00	7.00	6.50	7.00	.00	10.00



WAVE HEIGHT - PERIOD

SEASON SPRING

AREA E10N								DATA NUMBER		6109	
(32.5N-35N, 140E-145E)		PERIOD (SEC)						MEAN OF DATA		2.18 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL			
0.00 -	392	22	11	3	1		15	444			
0.75 -	1565	375	195	25	19	17		2196			
1.75 -	803	534	323	67	24	18		1769			
2.75 -	326	347	256	57	33	11		1030			
3.75 -	93	134	128	46	25	8		434			
4.75 -	10	33	36	4	10	2		95			
5.75 -	5	6	17	6	16	4		54			
6.75 -	4	23	9	5	7	4		52			
7.75 -	1	2	1	3				7			
8.75 -	1	2	1		5			9			
9.75 -		4	2					6			
10.75 -			1					1			
11.75 -		1		3				4			
12.75 -											
13.75 -											
14.75 -											
CALM							8	8			
TOTAL	3200	1483	980	219	140	64	23	6109			
MAX	9.00	12.50	11.00	12.00	9.00	7.50	.00	12.50			

AREA E12W		(25N-30N, 120E-125E)		PERIOD (SEC)		DATA NUMBER MEAN OF DATA		8017 1.58 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1186	49	26	2	3	5	111	1382	
0.75 -	2858	736	191	38	17	20		3860	
1.75 -	801	604	272	71	18	13		1779	
2.75 -	205	272	143	30	27	2		679	
3.75 -	30	65	68	26	9	3		201	
4.75 -	6	13	19	1	4			43	
5.75 -	3		9	1	3	2		18	
6.75 -	2	3	3	4	2			14	
7.75 -	1	1	3		1			6	
8.75 -	1		3					4	
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							31	31	
TOTAL	5093	1743	737	173	84	45	142	8017	
MAX	9.00	8.00	9.00	7.50	8.00	6.50	.00	9.00	

AREA E10S		(30N-32.5N, 140E-145E)		PERIOD (SEC)		DATA NUMBER MEAN OF DATA		2302 2.09 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	106	9	5				5	125	
0.75 -	562	224	97	18	9	11		921	
1.75 -	239	249	168	38	12	12		718	
2.75 -	61	154	105	25	8	5		358	
3.75 -	14	33	54	10	7	1		119	
4.75 -	1	5	10	1	4			21	
5.75 -		4	10	3				17	
6.75 -		7	5			1		13	
7.75 -	2	4	1					7	
8.75 -		2						2	
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							1	1	
TOTAL	985	691	455	95	40	30	6	2302	
MAX	8.00	9.50	8.00	6.50	5.50	7.50	.00	9.50	

AREA E12E						DATA NUMBER		13278
(25N-30N, 125E-130E)				PERIOD (SEC)		MEAN OF DATA		1.50 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2068	76	24	3	6	3	94	2274
0.75 -	5043	1290	389	70	38	36		6866
1.75 -	1233	953	554	123	38	28		2929
2.75 -	233	301	186	55	31	4		810
3.75 -	35	64	96	24	9	9		237
4.75 -	5	8	34	6	2	4		59
5.75 -		7	6	2	1			16
6.75 -	1	1	3	2	4			11
7.75 -		2	2		1			5
8.75 -			1	1	2	1		5
9.75 -		1	1					2
10.75 -			1					1
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -		1						1
CALM							60	60
TOTAL	8618	2704	1297	288	132	85	154	13278
MAX	7.00	17.50	11.00	12.00	9.00	9.00	.00	17.50

AREA E11N		(32.5N-35N, 145E-150E)						PERIOD (SEC)		DATA NUMBER MEAN OF DATA		6900 2.31 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL					
0.00 -	303	10	5	5			17	340					
0.75 -	1628	456	214	35	15	17		2365					
1.75 -	828	601	506	105	34	24		2098					
2.75 -	361	379	376	128	48	20		1312					
3.75 -	78	123	166	42	25	10		444					
4.75 -	7	44	53	21	16	6		147					
5.75 -	3	8	24	17	15	5		72					
6.75 -	7	29	22	8	5	3		74					
7.75 -	2		3	9	5	2		21					
8.75 -		3	2	4	1			10					
9.75 -	1	1	2		4			8					
10.75 -													
11.75 -		1		1				2					
12.75 -		1						1					
13.75 -													
14.75 -													
CALM							6	6					
TOTAL	3218	1656	1373	375	168	87	23	6900					
MAX	10.00	13.50	10.00	12.00	10.00	8.00	.00	13.50					

AREA E13W						DATA NUMBER		13736	
(25N-30N, 130E-135E)				PERIOD (SEC)		OF DATA		1.52 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1709	89	32	21	3	5	61	1920	
0.75 -	4903	1758	616	87	57	49		7470	
1.75 -	1141	1098	788	121	60	40		3248	
2.75 -	177	307	232	42	40	9		807	
3.75 -	31	73	70	11	10	1		196	
4.75 -	4	21	14	5	3	4		51	
5.75 -	1	6		2	1	5		15	
6.75 -		2	1	1				4	
7.75 -		1						1	
8.75 -									
9.75 -			1					1	
10.75 -	1							1	
11.75 -				3				3	
12.75 -									
13.75 -									
14.75 -		1						1	
CALM							18	18	
TOTAL	7967	3356	1754	293	174	113	79	13736	
MAX	11.00	17.00	10.00	12.00	6.00	6.50	.00	17.00	

AREA E11S		(30N-32.5N, 145E-150E)		PERIOD (SEC)		DATA NUMBER MEAN OF DATA		3180 2.23 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	178	7	6	8		1	13	213	
0.75 -	754	180	120	17	18	9		1098	
1.75 -	374	311	219	60	14	16		994	
2.75 -	104	166	183	36	19	11		519	
3.75 -	25	62	87	36	12	7		229	
4.75 -		12	20		5	1		38	
5.75 -	2	3	18	2	5			30	
6.75 -		6	5	2	3	2		18	
7.75 -		3	12			1		16	
8.75 -		4	5	2	1			12	
9.75 -			5					5	
10.75 -									
11.75 -				1				1	
12.75 -									
13.75 -									
14.75 -									
CALM							7	7	
TOTAL	1437	754	680	164	77	48	20	3180	
MAX	6.00	9.50	10.00	12.00	9.50	8.00	.00	12.00	

WAVE HEIGHT - PERIOD

SEASON SPRING

AREA E14 (25N-30N, 140E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 8016 1.71 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	675	37	27	20	8	1	46	814
0.75 -	2454	950	525	63	57	42		4091
1.75 -	636	689	452	93	54	43		1967
2.75 -	119	288	290	55	34	21		807
3.75 -	39	69	90	36	13	7		254
4.75 -	2	8	16	11	1			38
5.75 -	1	4	2	2	6	1		16
6.75 -			1	3		1		5
7.75 -		1						1
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							23	23
TOTAL	3926	2046	1403	283	173	116	69	8016
MAX	6.50	8.00	7.00	7.00	6.00	7.00	.00	8.00

AREA E18 (20N-25N, 140E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 9217 1.59 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	979	65	24	13	2	4	56	1143
0.75 -	2845	1284	604	81	67	43		4924
1.75 -	568	847	567	93	51	34		2160
2.75 -	80	304	244	44	21	4		697
3.75 -	19	64	87	14	12	9		205
4.75 -		15	8	4	10	3		40
5.75 -		8	1			1		10
6.75 -								
7.75 -					1	1		2
8.75 -								
9.75 -								
10.75 -		1						1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							35	35
TOTAL	4491	2588	1535	249	164	99	91	9217
MAX	4.50	11.00	6.00	5.50	8.50	8.50	.00	11.00

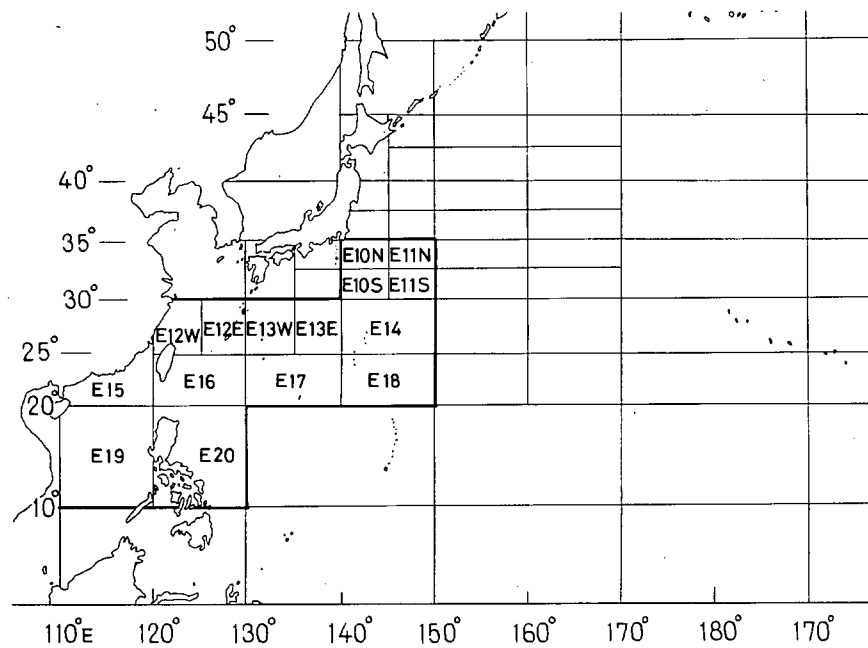
AREA E15 (20N-30N, 110E-120E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 1410 1.87 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	202	12	3	2			5	224
0.75 -	370	130	38	6	3	2		549
1.75 -	147	125	61	18	7	1		359
2.75 -	42	60	58	16	2			178
3.75 -	11	9	19	7	3	6		55
4.75 -	1	3	4			2		10
5.75 -		2	6	1				9
6.75 -		2	5		5	2		14
7.75 -		3	3		1			7
8.75 -		1						1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							4	4
TOTAL	773	347	197	50	21	13	9	1410
MAX	5.00	9.00	8.50	6.50	8.50	7.50	.00	9.00

AREA E19 (10N-20N, 110E-120E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 32309 1.25 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	9784	366	99	18	23	13	209	10512
0.75 -	10641	3295	767	85	66	47		14901
1.75 -	1828	1424	927	210	37	45		4471
2.75 -	485	462	430	75	56	12		1520
3.75 -	77	154	243	27	49	26		576
4.75 -	6	34	62	20	8	2		132
5.75 -		7	16	6	12	1		42
6.75 -	2	8	3	7	10	1		31
7.75 -	2		1		8	2		13
8.75 -					3			3
9.75 -	1	1			5			7
10.75 -		2						2
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							97	97
TOTAL	22826	5753	2548	450	277	149	306	32309
MAX	10.00	11.00	8.00	12.00	10.00	8.50	.00	12.00

AREA E16 (20N-25N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 31423 1.49 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	4430	184	80	27	15	11	268	5015
0.75 -	12138	3435	1074	165	152	90		17054
1.75 -	2533	2226	1355	243	125	65		6547
2.75 -	540	680	492	149	77	15		1953
3.75 -	65	188	203	43	33	9		541
4.75 -	12	16	49	8	12	3		100
5.75 -	2	14	27	8	6	4		61
6.75 -	1	13	4	5	5	4		32
7.75 -		1	7	1	6	1		16
8.75 -			2					2
9.75 -			2					2
10.75 -								
11.75 -		1		1				2
12.75 -								
13.75 -								
14.75 -								
CALM							98	98
TOTAL	19721	6758	3295	650	431	202	366	31423
MAX	7.50	12.50	10.00	12.00	8.00	8.50	.00	12.50

AREA E20 (10N-20N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 25903 1.40 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	4594	209	66	26	12	20	321	5248
0.75 -	9466	2941	1025	174	133	53		13792
1.75 -	1544	1897	1168	183	99	64		4955
2.75 -	263	458	327	98	82	22		1250
3.75 -	56	103	143	57	30	21		410
4.75 -	3	38	33	8	8	4		94
5.75 -	1	6	12		1	1		21
6.75 -		2	6		2			10
7.75 -			1	3		1		5
8.75 -			1	3				4
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							114	114
TOTAL	15927	5654	2782	552	367	186	435	25903
MAX	6.50	7.00	9.00	9.00	7.00	8.50	.00	9.00

AREA E17 (20N-25N, 130E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 13571 1.48 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1795	112	32	18	7	7	89	2060
0.75 -	4877	1652	709	69	79	44		7430
1.75 -	871	1177	780	120	48	33		3029
2.75 -	91	356	239	43	40	16		785
3.75 -	13	87	69	10	12	2		193
4.75 -	2	14	14	2	6			38
5.75 -			3					3
6.75 -	1		3	1				5
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							27	27
TOTAL	7650	3398	1849	264	192	102	116	13571
MAX	7.50	5.00	7.00	12.00	5.50	4.00	.00	12.00



WAVE HEIGHT - PERIOD

SEASON SPRING

AREA E21								
(10N-20N, 130E-150E)								
		PERIOD (SEC)				DATA NUMBER		36467
						MEAN OF DATA		1.62 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3550	223	110	64	15	9	192	4163
0.75 -	11949	4598	1917	242	217	110		19033
1.75 -	2664	3738	2521	368	211	90		9592
2.75 -	348	1224	947	161	103	32		2815
3.75 -	37	219	302	38	42	10		648
4.75 -	7	35	42	9	8	10		111
5.75 -			17	3	1			21
6.75 -	1	10	12	2	2	1		28
7.75 -		2	1					3
8.75 -			3					3
9.75 -								
10.75 -	1							1
11.75 -		1		1				2
12.75 -								
13.75 -								
14.75 -		1						1
CALM							46	46
TOTAL	18557	10051	5872	888	599	262	238	36467
MAX	11.00	20.00	9.00	12.00	7.50	7.50	.00	20.00

AREA M04								
(45N-50N, 160E-170E)								
		PERIOD (SEC)				DATA NUMBER		14923
						MEAN OF DATA		2.43 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	606	63	23	9	2	1	25	729
0.75 -	3053	1039	529	90	27	10		4748
1.75 -	1536	1304	1140	296	91	26		4393
2.75 -	619	939	791	259	217	47		2872
3.75 -	147	345	509	148	121	30		1300
4.75 -	14	66	202	34	37	18		371
5.75 -	5	24	55	32	43	17		176
6.75 -	1	60	56	25	26	6		174
7.75 -	5	11	27	10	18	2		73
8.75 -	2	4	8	6	6	1		27
9.75 -		10	11	4	8	3		36
10.75 -					2	3		5
11.75 -				5				5
12.75 -								
13.75 -		1						1
14.75 -						1		1
CALM							12	12
TOTAL	5988	3866	3351	918	598	165	37	14923
MAX	9.00	14.50	10.00	12.50	11.00	15.00	.00	15.00

AREA E22								
(00N-10N, 110E-130E)								
		PERIOD (SEC)				DATA NUMBER		6701
						MEAN OF DATA		1.09 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2101	93	20	15	7	4	114	2354
0.75 -	2028	673	250	31	40	19		3041
1.75 -	275	321	196	31	10	8		841
2.75 -	34	108	59	14	1	3		219
3.75 -	6	19	25	3	2			55
4.75 -		1	2		3			6
5.75 -		2			3			5
6.75 -			1					1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							179	179
TOTAL	4444	1217	553	94	66	34	293	6701
MAX	4.00	6.00	7.00	4.00	6.00	3.00	.00	7.00

AREA M05W								
(45N-50N, 170E-170W)								
		PERIOD (SEC)				DATA NUMBER		18702
						MEAN OF DATA		2.51 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	664	24	18	12	1	2	26	747
0.75 -	3582	1206	653	77	46	33		5597
1.75 -	1829	1653	1432	396	151	66		5527
2.75 -	822	1303	1073	333	244	93		3868
3.75 -	171	406	720	192	150	75		1714
4.75 -	21	102	263	65	77	20		548
5.75 -	5	37	130	55	61	15		303
6.75 -	5	62	58	29	32	20		206
7.75 -	2	9	24	9	32	5		81
8.75 -	1	15	6	11	14	1		48
9.75 -		4	13	1	14	5		37
10.75 -		3						3
11.75 -			1	5	1			7
12.75 -					1			
13.75 -				2				3
14.75 -		1	3	1				5
CALM							8	8
TOTAL	7102	4825	4394	1188	824	335	34	18702
MAX	9.00	15.00	20.00	15.00	14.00	10.00	.00	20.00

AREA E23								
(00N-10N, 130E-150E)								
		PERIOD (SEC)				DATA NUMBER		8856
						MEAN OF DATA		1.44 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1180	76	46	27	2	7	42	1380
0.75 -	2615	1523	640	62	45	41		4926
1.75 -	477	844	535	83	41	13		1993
2.75 -	71	167	190	16	12	2		448
3.75 -	3	35	26	2	1			67
4.75 -				1				1
5.75 -								
6.75 -			1					1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							40	40
TOTAL	4346	2645	1428	191	101	63	82	8856
MAX	4.00	4.50	7.00	5.50	4.00	3.50	.00	7.00

AREA M06N								
(42.5N-45N, 150E-160E)								
		PERIOD (SEC)				DATA NUMBER		9860
						MEAN OF DATA		2.33 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	490	36	17	11		2	31	587
0.75 -	2190	728	338	46	25	15		3342
1.75 -	1037	923	684	190	49	25		2908
2.75 -	375	558	515	145	94	34		1721
3.75 -	96	190	282	84	61	27		740
4.75 -	7	46	87	18	37	9		204
5.75 -	12	9	38	25	14	16		114
6.75 -	5	48	29	21	15	11		129
7.75 -	3	13	4	4	4	8		36
8.75 -		9	2	1	3	11		26
9.75 -	1	1	8	2	4	2		18
10.75 -					1	3		4
11.75 -		1		2	1	1		5
12.75 -								
13.75 -					1			1
14.75 -					6			6
CALM							19	19
TOTAL	4216	2562	2004	549	315	164	50	9860
MAX	10.00	12.00	10.50	12.00	15.00	12.00	.00	15.00

AREA M03								
(45N-50N, 150E-160E)								
		PERIOD (SEC)				DATA NUMBER		5187
						MEAN OF DATA		2.33 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	305	21	13	4		1	11	355
0.75 -	1171	437	150	24	13	4		1799
1.75 -	530	448	344	83	35	16		1456
2.75 -	164	309	216	71	54	11		825
3.75 -	35	136	159	18	45	9		402
4.75 -		35	65	15	12	4		131
5.75 -	1	23	28	13	11	3		79
6.75 -	1	45	37	3	6			92
7.75 -		1	10		2			13
8.75 -	1	2	4		2			9
9.75 -			4		6	1		12
10.75 -				1	2			3
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							10	10
TOTAL	2208	1457	1030	234	188	49	21	5187
MAX	9.00	9.00	10.00	12.00	11.00	10.00	.00	12.00

AREA M06S (40N-42.5N, 150E-160E)						DATA NUMBER MEAN OF DATA		11447 2.33 M
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	524	33	19	10	2		29	617
0.75 -	2602	829	364	64	26	15		3900
1.75 -	1240	1026	811	226	72	25		3400
2.75 -	526	630	562	211	112	21		2062
3.75 -	99	226	375	90	73	27		830
4.75 -	13	57	80	32	28	7		217
5.75 -	8	35	25	15	23	8		114
6.75 -	3	47	25	12	21	15		124
7.75 -	7	8	2	6	10	9		42
8.75 -	1	8	8	3	5	7		32
9.75 -			5	1	12			18
10.75 -			1		3			4
11.75 -		1		2	2	1		6
12.75 -		2						2
13.75 -					1			1
14.75 -				1				1
CALM							17	17
TOTAL	5023	2902	2278	673	390	135	46	11447
MAX	9.00	13.50	11.00	15.00	14.00	12.00	.00	15.00

WAVE HEIGHT - PERIOD

SEASON SPRING

AREA M07N

(42.5N-45N, 160E-170E)

DATA NUMBER
MEAN OF DATA 7271
2.48 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	255	16	9			2	13	295
0.75 -	1488	494	234	33	6	19		2274
1.75 -	805	635	620	150	46	14		2270
2.75 -	323	367	421	136	73	30		1350
3.75 -	56	136	209	91	70	27		589
4.75 -	7	48	55	20	31	7		168
5.75 -	6	14	54	22	11	3		110
6.75 -	9	52	28	7	8	6		110
7.75 -	2	2	14	3	2	5		28
8.75 -		3	10	10	12	3		38
9.75 -		5	13	2	2	1		23
10.75 -					1			1
11.75 -		1		1		2		4
12.75 -					1			1
13.75 -								
14.75 -			1	2	1			4
CALM							6	6
TOTAL	2951	1773	1668	477	264	119	19	7271
MAX	8.50	12.00	15.00	15.00	15.00	12.00	.00	15.00

AREA M09S

(35N-37.5N, 150E-160E)

DATA NUMBER
MEAN OF DATA 3855
2.48 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	360	14	11	11	2	1	34	433
0.75 -	1720	605	217	42	27	11		2622
1.75 -	1115	830	582	133	79	28		2767
2.75 -	345	556	537	111	82	31		1662
3.75 -	109	222	309	81	36	45		802
4.75 -	11	37	94	41	31	10		224
5.75 -	9	17	50	16	33	5		130
6.75 -	8	28	31	13	15	12		107
7.75 -	8	2	13	5	9	4		41
8.75 -	11	4	5	8	3	8		39
9.75 -		3	8	1	2			14
10.75 -				1				1
11.75 -			1	2		1		4
12.75 -								
13.75 -			2					2
14.75 -				2				2
CALM							5	5
TOTAL	3696	2318	1860	467	319	156	39	8855
MAX	9.00	10.00	14.00	15.00	10.00	12.00	.00	15.00

AREA M07S

(40N-42.5N, 160E-170E)

DATA NUMBER
MEAN OF DATA 6296
2.51 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	167	5	3	1			11	187
0.75 -	1182	399	179	29	17	26		1832
1.75 -	712	637	540	142	53	20		2104
2.75 -	258	418	372	101	54	11		1214
3.75 -	65	137	177	65	60	15		519
4.75 -	1	29	72	37	33	4		176
5.75 -	5	16	56	36	15	5		133
6.75 -	2	11	28	9	11	7		68
7.75 -	3	12	11	1	5			32
8.75 -	1	2	4	3	2	4		16
9.75 -			5		2	1		8
10.75 -			1					1
11.75 -					1	2		3
12.75 -								
13.75 -								
14.75 -								
CALM							3	3
TOTAL	2396	1666	1448	424	253	95	14	6296
MAX	9.00	9.00	11.00	9.50	12.50	12.00	.00	12.50

AREA M10N

(37.5N-40N, 160E-170E)

DATA NUMBER
MEAN OF DATA 5870
2.43 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	238	6	6	9	2	1	10	272
0.75 -	1112	434	181	27	14	13		1781
1.75 -	708	563	421	78	32	23		1825
2.75 -	240	351	336	117	62	20		1126
3.75 -	73	132	205	71	28	20		529
4.75 -	7	22	81	19	15	8		152
5.75 -		7	29	19	7	2		64
6.75 -	6	23	9	9	12	8		67
7.75 -	1	8		6	9	1		25
8.75 -		1	1	2	4			8
9.75 -			2	1	1	1		5
10.75 -					1			1
11.75 -				6		1		7
12.75 -								
13.75 -								
14.75 -								
CALM							8	8
TOTAL	2385	1547	1271	364	187	98	18	5870
MAX	8.00	9.00	10.00	12.00	11.00	12.00	.00	12.00

AREA M08W

(40N-45N, 170E-170W)

DATA NUMBER
MEAN OF DATA 14091
2.48 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	472	22	16	28	1		29	568
0.75 -	2643	922	454	82	52	40		4193
1.75 -	1525	1290	1175	274	94	30		4388
2.75 -	559	920	868	271	193	56		2867
3.75 -	124	333	440	130	113	54		1194
4.75 -	12	75	165	55	75	10		392
5.75 -	9	21	66	40	47	12		195
6.75 -	3	46	43	19	21	13		145
7.75 -	2	5	18	3	21	5		54
8.75 -	1	3	9	6	4	8		31
9.75 -		1	13	6	2	4		26
10.75 -					1	2		3
11.75 -				4	3	3		10
12.75 -				1				1
13.75 -				5				5
14.75 -				3	1	7		11
CALM							8	8
TOTAL	5350	3638	3267	927	628	244	37	14091
MAX	9.00	10.00	10.00	16.00	15.00	16.50	.00	16.50

AREA M10S

(35N-37.5N, 160E-170E)

DATA NUMBER
MEAN OF DATA 6341
2.51 M

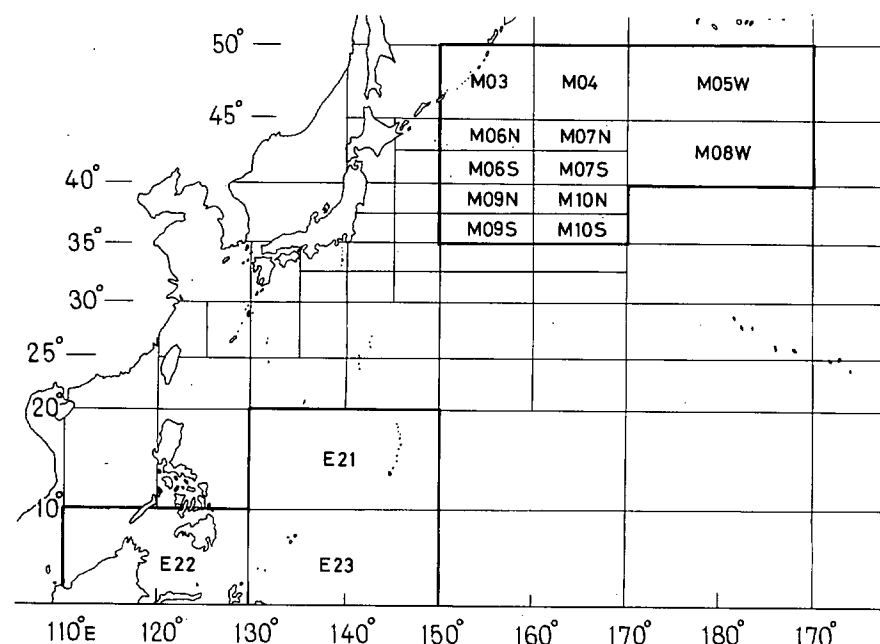
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	259	19	9	9	1	1	15	313
0.75 -	1265	359	164	27	24	6		1845
1.75 -	778	593	433	89	39	22		1954
2.75 -	274	397	348	126	66	25		1236
3.75 -	65	142	223	56	45	25		556
4.75 -	8	32	75	23	30	5		173
5.75 -	2	14	32	17	24	9		98
6.75 -	5	22	16	17	8	2		70
7.75 -	1	12	6	7	8	2		36
8.75 -		4	8	9	7	9		37
9.75 -			3	2	4	3		12
10.75 -			1		1			2
11.75 -				3		1		4
12.75 -			1					1
13.75 -								
14.75 -			1					1
CALM							3	3
TOTAL	2657	1594	1320	385	257	110	18	6341
MAX	8.00	9.50	17.50	12.00	11.00	12.00	.00	17.50

AREA M09N

(37.5N-40N, 150E-160E)

DATA NUMBER
MEAN OF DATA 8745
2.39 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	338	18	19	7	3		23	408
0.75 -	1799	630	292	55	29	26		2831
1.75 -	1083	869	608	173	66	20		2819
2.75 -	339	540	412	129	65	15		1500
3.75 -	80	179	282	67	40	21		669
4.75 -	9	44	90	25	17	12		197
5.75 -	6	17	38	21	28	9		119
6.75 -	3	35	31	15	8	10		102
7.75 -		7	2	4	7	6		26
8.75 -	1		4	6	11	7		29
9.75 -		2	5		16	3		26
10.75 -			1					1
11.75 -				7		2		9
12.75 -			1	1	1			3
13.75 -								
14.75 -						1		1
CALM							5	5
TOTAL	3658	2341	1785	510	291	132	28	8745
MAX	9.00	10.00	13.50	13.00	13.00	15.00	.00	15.00



WAVE HEIGHT - PERIOD

SEASON SPRING

AREA M11W		DATA NUMBER						
(35N-40N, 170E-170W)		MEAN OF DATA						
		16154						
		2.31 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	796	21	22	42	5	3	61	950
0.75 -	3423	946	470	108	81	35		5063
1.75 -	1941	1550	1074	261	126	79		5031
2.75 -	637	913	953	261	196	83		3043
3.75 -	153	309	493	117	106	47		1225
4.75 -	24	56	170	34	59	12		355
5.75 -	10	19	69	32	40	11		181
6.75 -	2	38	33	40	16	15		144
7.75 -	1	9	10	12	6	4		42
8.75 -	1	3	6	7	6	2		25
9.75 -			4	4	2	2		12
10.75 -			1	2				3
11.75 -				1				1
12.75 -				2				2
13.75 -								
14.75 -								
CALM							77	77
TOTAL	6988	3864	3305	923	643	293	138	16154
MAX	9.00	9.00	11.00	13.50	10.00	10.00	.00	13.50

AREA M13S		DATA NUMBER						
(30N-32.5N, 160E-170E)		MEAN OF DATA						
		7091						
		2.09 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	451	14	13	5	1	2	42	528
0.75 -	1827	534	257	44	35	16		2713
1.75 -	758	620	531	134	87	37		2167
2.75 -	210	278	344	97	67	33		1029
3.75 -	68	99	143	41	46	14		411
4.75 -	6	23	52	17	11	5		114
5.75 -	2	10	20	8	8	3		51
6.75 -	3	9	8	2	4	4		30
7.75 -	1		13	2	5	1		22
8.75 -	1	1	5	2	8			17
9.75 -		1						1
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	3327	1589	1387	352	272	115	49	7091
MAX	9.00	10.00	12.50	9.50	9.50	8.00	.00	12.50

AREA M12N		DATA NUMBER						
(32.5N-35N, 150E-160E)		MEAN OF DATA						
		10649						
		2.29 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	431	15	7	22	2	1	28	506
0.75 -	2477	643	320	40	39	23		3542
1.75 -	1379	1088	771	169	63	38		3508
2.75 -	430	602	590	168	73	34		1897
3.75 -	119	163	263	70	59	29		703
4.75 -	7	44	71	39	51	13		225
5.75 -	6	10	34	21	22	12		105
6.75 -	6	23	24	17	10	6		86
7.75 -	5	2	4	5	10	4		30
8.75 -		3	4		6	5		18
9.75 -		3	6	1	2	4		16
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							12	12
TOTAL	4860	2596	2094	553	337	169	40	10649
MAX	8.50	10.00	10.00	12.00	10.00	10.00	.00	12.00

AREA M14W		DATA NUMBER						
(30N-35N, 170E-170W)		MEAN OF DATA						
		29872						
		1.86 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3134	166	63	27	15	12	192	3609
0.75 -	8400	2322	1076	181	201	107		12287
1.75 -	2575	2349	1791	464	279	163		7621
2.75 -	649	1067	1234	373	245	97		3665
3.75 -	110	289	557	150	160	83		1349
4.75 -	14	63	158	46	49	32		362
5.75 -	6	21	58	20	30	15		150
6.75 -	1	36	44	6	16	7		110
7.75 -		4	11	7	15	5		42
8.75 -		2	6	1	5	6		20
9.75 -	3	6	4		6	4		23
10.75 -		1	2	1		2		6
11.75 -				3	1			4
12.75 -		1	1					2
13.75 -								
14.75 -			4					4
CALM							618	618
TOTAL	14892	6327	5009	1279	1022	533	810	29872
MAX	10.00	13.00	18.00	12.00	12.00	11.00	.00	18.00

AREA M12S		DATA NUMBER						
(30N-32.5N, 150E-160E)		MEAN OF DATA						
		7656						
		2.26 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	386	18	4	13	1	1	46	469
0.75 -	1799	471	290	40	51	21		2672
1.75 -	867	646	552	151	81	26		2323
2.75 -	262	379	391	93	79	31		1235
3.75 -	94	168	206	48	49	14		579
4.75 -	9	36	86	23	19	6		179
5.75 -	7	13	23	17	10	6		76
6.75 -	5	15	18	8	7	4		57
7.75 -	2	4	9	2	7	4		28
8.75 -	2		7		5	3		17
9.75 -			7	2				9
10.75 -								
11.75 -		1						1
12.75 -								
13.75 -								
14.75 -								
CALM							11	11
TOTAL	3433	1751	1593	397	309	116	57	7656
MAX	9.00	12.50	10.00	10.00	9.50	9.50	.00	12.50

AREA M15		DATA NUMBER						
(25N-30N, 150E-160E)		MEAN OF DATA						
		7982						
		1.94 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	596	25	12	14	1	2	42	692
0.75 -	2379	668	342	74	64	45		3572
1.75 -	672	688	497	146	67	34		2104
2.75 -	182	289	315	92	92	27		997
3.75 -	48	97	155	40	30	20		390
4.75 -	4	17	54	7	6	7		95
5.75 -	3	9	13	4	10	11		50
6.75 -		6	12	14	4	2		38
7.75 -	1		2	7	1	1		12
8.75 -		2	1					3
9.75 -								
10.75 -								
11.75 -		1						1
12.75 -								
13.75 -								
14.75 -					1	1		2
CALM							26	26
TOTAL	3885	1802	1403	398	276	150	68	7982
MAX	8.50	12.50	9.00	8.50	16.50	15.50	.00	16.50

AREA M13N		DATA NUMBER						
(32.5N-35N, 160E-170E)		MEAN OF DATA						
		13056						
		2.15 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	627	35	6	14	1	2	67	752
0.75 -	3551	974	400	80	44	40		5089
1.75 -	1450	1177	866	183	105	32		3813
2.75 -	663	592	559	171	127	44		2156
3.75 -	140	180	240	78	62	17		717
4.75 -	7	45	87	35	38	21		233
5.75 -	12	15	39	9	13	15		103
6.75 -	8	33	14	18	7	8		88
7.75 -	2	13	2	7	8	1		33
8.75 -	3	11	2	1	2	5		24
9.75 -	3	4	3	1	1	1		13
10.75 -			1					1
11.75 -				1	1			2
12.75 -								
13.75 -								
14.75 -								
CALM							32	32
TOTAL	6466	3079	2219	598	409	186	99	13056
MAX	10.00	10.00	11.50	12.00	12.50	10.00	.00	12.50

WAVE HEIGHT - PERIOD

SEASON SPRING

AREA M17W (25N-30N, 170E-170W)		PERIOD (SEC)						DATA NUMBER MEAN OF DATA	17740 1.84 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1417	79	52	46	5	11	92	1702	
0.75 -	5288	1477	843	131	146	69		7954	
1.75 -	1562	1568	1261	320	219	125		5055	
2.75 -	427	541	629	192	137	65		1991	
3.75 -	56	159	245	78	97	48		683	
4.75 -	4	32	83	20	18	16		173	
5.75 -		11	30	13	24	5		83	
6.75 -	1	7	6	3	2	1		20	
7.75 -		3	4	3				10	
8.75 -						1		1	
9.75 -			2					2	
10.75 -									
11.75 -				1				1	
12.75 -									
13.75 -									
14.75 -									
CALM							65	65	
TOTAL	8755	3977	3155	807	648	341	157	17740	
MAX	7.50	8.00	10.00	12.00	7.50	9.50	.00	12.00	

AREA M21 (10N-20N, 150E-170E)		PERIOD (SEC)						DATA NUMBER MEAN OF DATA	9809 1.67 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	838	33	26	15	1		54	967	
0.75 -	3431	895	472	84	100	44		5026	
1.75 -	961	855	582	125	111	66		2700	
2.75 -	165	297	246	60	48	34		850	
3.75 -	15	55	65	30	12	11		188	
4.75 -	1	11	22	2	1	1		38	
5.75 -		2	2		1			5	
6.75 -		4						4	
7.75 -									
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							31	31	
TOTAL	5411	2152	1415	316	274	156	85	9809	
MAX	5.00	7.50	6.50	5.00	6.00	5.00	.00	7.50	

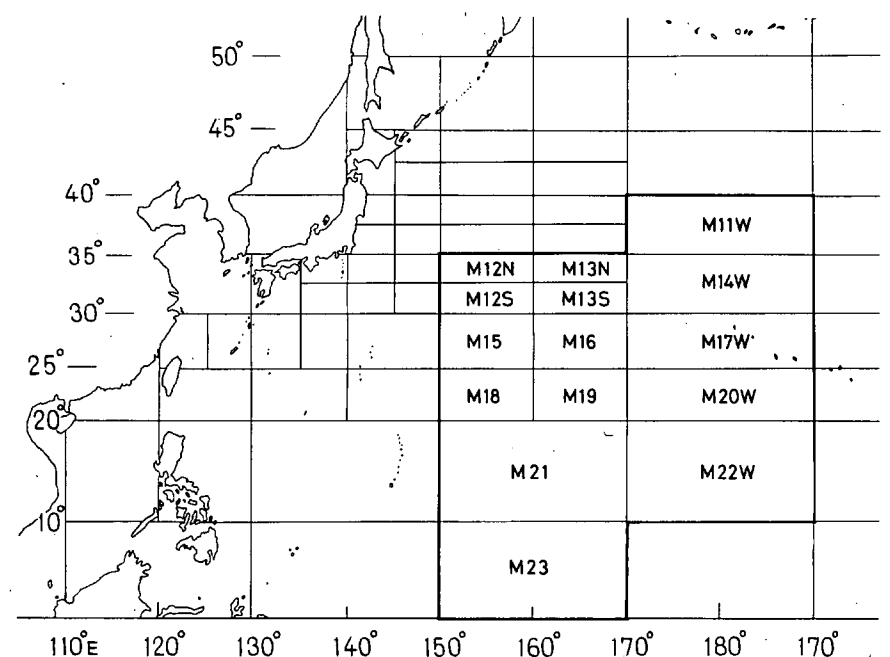
AREA M18 (20N-25N, 150E-160E)		PERIOD (SEC)						DATA NUMBER MEAN OF DATA	4095 1.57 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	490	34	16	13		1	37	591	
0.75 -	1416	336	224	28	45	28		2077	
1.75 -	335	331	240	56	41	33		1036	
2.75 -	74	79	69	27	13	20		282	
3.75 -	17	15	20	5	10	5		72	
4.75 -	3	1	6		2	3		15	
5.75 -		1		2		1		4	
6.75 -		2				2		4	
7.75 -									
8.75 -									
9.75 -									
10.75 -									
11.75 -				1				1	
12.75 -									
13.75 -									
14.75 -									
CALM							13	13	
TOTAL	2335	799	575	132	111	93	50	4095	
MAX	5.00	7.00	5.50	12.00	5.00	7.50	.00	12.00	

AREA M22W (10N-20N, 170E-170W)		PERIOD (SEC)						DATA NUMBER MEAN OF DATA	6946 1.69 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	604	42	20	25		9	50	750	
0.75 -	2307	612	383	56	47	15		3420	
1.75 -	660	666	413	55	85	43		1922	
2.75 -	104	219	189	40	55	23		630	
3.75 -	9	61	50	8	12	20		160	
4.75 -	1	22	18		3	2		46	
5.75 -		1	2		4			7	
6.75 -		1						1	
7.75 -									
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							10	10	
TOTAL	3685	1624	1075	184	206	112	60	6946	
MAX	5.00	7.00	6.50	4.50	6.00	5.00	.00	7.00	

AREA M19 (20N-25N, 160E-170E)		PERIOD (SEC)						DATA NUMBER MEAN OF DATA	3675 1.70 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	343	15	3	5	1	3	34	404	
0.75 -	1261	337	168	28	24	17		1835	
1.75 -	302	286	240	60	53	25		966	
2.75 -	53	93	94	50	24	16		330	
3.75 -	8	28	36	9	15	6		102	
4.75 -		3	10	2	8			23	
5.75 -			1		4	1		6	
6.75 -		2	2	1				5	
7.75 -									
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							4	4	
TOTAL	1967	764	554	155	129	68	38	3675	
MAX	4.50	7.50	7.50	7.00	6.00	6.00	.00	7.50	

AREA M23 (00N-10N, 150E-170E)		PERIOD (SEC)						DATA NUMBER MEAN OF DATA	5548 1.46 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	657	73	36	6	3	3	28	806	
0.75 -	1784	890	329	61	33	18		3115	
1.75 -	394	526	239	42	32	10		1243	
2.75 -	42	95	108	18	9	1		273	
3.75 -	8	14	32	4				58	
4.75 -	2	1	5	2				10	
5.75 -			1					1	
6.75 -		2	1				1	4	
7.75 -									
8.75 -									
9.75 -									
10.75 -	1							1	
11.75 -				2				2	
12.75 -									
13.75 -									
14.75 -									
CALM							35	35	
TOTAL	2888	1601	751	135	77	33	63	5548	
MAX	11.50	7.00	7.50	12.00	3.00	7.50	.00	12.00	

AREA M20W (20N-25N, 170E-170W)		PERIOD (SEC)						DATA NUMBER MEAN OF DATA	11822 1.81 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	922	26	28	14	5	3	49	1047	
0.75 -	3765	964	536	102	66	39		5472	
1.75 -	1104	968	938	212	165	63		3450	
2.75 -	224	348	449	125	107	64		1317	
3.75 -	30	66	157	46	48	31		378	
4.75 -	7	22	45	18	8	6		106	
5.75 -	1	5	4	8	6	6		30	
6.75 -	3	5	3					11	
7.75 -			1					1	
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							10	10	
TOTAL	6056	2404	2161	525	405	212	59	11822	
MAX	7.50	7.50	8.00	6.00	6.50	6.50	.00	8.00	



WAVE HEIGHT - PERIOD

SEASON SPRING

AREA M24W		DATA NUMBER						
(00N-10N, 170E-170W)		MEAN OF DATA						
		2624						
		1.41 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	406	39	9	5	3	1	10	473
0.75 -	787	348	158	50	21	3		1367
1.75 -	174	221	175	29	15	11		625
2.75 -	9	32	60	17	9	2		129
3.75 -	3	2	3	3	2	3		16
4.75 -								
5.75 -								
6.75 -								
7.75 -				2				2
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							12	12
TOTAL	1379	642	405	105	50	20	22	2624
MAX	4.50	4.00	4.00	8.00	4.00	4.00	.00	8.00

AREA W04		DATA NUMBER						
(50N-55N, 150W-130W)		MEAN OF DATA						
		14882						
		2.33 M						
		1.38 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	575	68	30	33			29	735
0.75 -	2265	1595	625	214	117	22	45	4883
1.75 -	910	1704	1207	482	137	104	39	4583
2.75 -	258	873	797	349	146	43	28	2494
3.75 -	58	303	529	180	117	35	8	1230
4.75 -	15	65	133	108	29	17	1	368
5.75 -		28	83	50	29	19	3	212
6.75 -		11	43	27	11	18	1	111
7.75 -		10	21	8	9	5		53
8.75 -			8	9	6	1		24
9.75 -		1	9	3	2	7		22
10.75 -						1		1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	73	1			1		91	166
TOTAL	4154	4659	3485	1463	604	272	245	14882
MAX	5.50	10.00	10.50	10.50	10.00	11.00	7.00	11.00

AREA W01		DATA NUMBER						
(55N-65N, 170W-160W)		MEAN OF DATA						
		7412						
		1.82 M						
		1.38 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	782	56	18	15			1	872
0.75 -	1847	809	226	70	41	12	1	3006
1.75 -	438	906	499	120	10	5		1978
2.75 -	71	280	218	110	20	8		707
3.75 -	25	93	105	53	12	14		302
4.75 -	14	30	32	39	13	3		131
5.75 -		6	12	10	9	7		44
6.75 -		8	5	2	3	6		24
7.75 -		5	1	4	1	1		12
8.75 -			3	3		7		13
9.75 -					2	2		4
10.75 -				1	2	3		6
11.75 -						5		5
12.75 -						1		1
13.75 -								
14.75 -								
CALM	244	1					62	307
TOTAL	3421	2194	1119	427	113	74	64	7412
MAX	5.50	8.00	9.00	11.00	11.00	13.00	1.00	13.00

AREA W05		DATA NUMBER						
(45N-50N, 170W-150W)		MEAN OF DATA						
		10681						
		2.47 M						
		1.44 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	354	55	34	14			5	462
0.75 -	1244	1153	524	139	62	13	17	3152
1.75 -	547	1200	991	415	113	78	21	3365
2.75 -	159	620	591	311	180	65	14	1940
3.75 -	42	235	391	191	92	37	7	995
4.75 -	9	63	123	87	39	15	3	339
5.75 -		27	53	37	44	12		173
6.75 -		18	36	22	7	14		97
7.75 -		6	14	6	9	5		40
8.75 -			6	6	5	8		25
9.75 -		2	5	5	3	9		24
10.75 -								
11.75 -				2	2	1		5
12.75 -								
13.75 -								
14.75 -								
CALM	39	1	5				19	64
TOTAL	2394	3380	2773	1235	556	257	86	10681
MAX	5.50	10.00	10.00	12.00	12.00	12.50	5.00	12.50

AREA W02		DATA NUMBER						
(55N-65N, 160W-130W)		MEAN OF DATA						
		8456						
		1.88 M						
		1.24 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	646	57	18	46			18	785
0.75 -	1840	836	332	84	136	32	43	3303
1.75 -	693	731	409	153	71	85	26	2168
2.75 -	204	320	269	125	51	41	28	1038
3.75 -	34	142	148	69	21	15	10	439
4.75 -	12	22	50	33	5	4	3	129
5.75 -		10	18	20	4	11	3	66
6.75 -		3	5	11	2	2		23
7.75 -		1	4	2	3		1	11
8.75 -			4		3	2	1	10
9.75 -				4	1			5
10.75 -			1			1		2
11.75 -					1			-1
12.75 -								
13.75 -								
14.75 -								
CALM	272	2					202	476
TOTAL	3701	2124	1258	547	298	193	335	8456
MAX	5.00	8.50	11.00	10.00	12.50	11.00	9.50	12.50

AREA W06		DATA NUMBER						
(45N-50N, 150W-130W)		MEAN OF DATA						
		13851						
		2.26 M						
		1.31 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	504	79	71	26			40	720
0.75 -	1964	1443	642	223	111	20	113	4516
1.75 -	875	1622	1192	458	143	78	38	4406
2.75 -	205	728	797	363	194	80	24	2391
3.75 -	40	251	397	179	88	22	7	984
4.75 -	12	64	134	77	52	12	4	355
5.75 -		30	33	41	28	17		149
6.75 -		5	6	28	16	13		68
7.75 -		1	5	7	3	10	1	27
8.75 -			2	1	1	6		10
9.75 -		2	3	4	2	6		17
10.75 -						1		1
11.75 -				1	1	1		3
12.75 -								
13.75 -								
14.75 -					1			1
CALM	78		3				122	203
TOTAL	3678	4225	3285	1408	640	266	349	13851
MAX	5.50	10.00	10.00	12.00	15.00	12.00	8.00	15.00

AREA W03		DATA NUMBER						
(50N-55N, 170W-150W)		MEAN OF DATA						
		18035						
		2.30 M						
		1.38 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	951	130	54	44			8	1187
0.75 -	2573	2103	758	167	115	47	20	5783
1.75 -	1103	2104	1478	546	139	66	8	5444
2.75 -	284	1162	919	427	184	54	5	3035
3.75 -	63	399	557	286	139	49	5	1498
4.75 -	19	87	175	144	41	12	1	479
5.75 -		32	66	78	31	18	2	227
6.75 -		15	36	29	18	2	3	103
7.75 -		3	12	18	11	2		46
8.75 -		3	7	8	8	5		31
9.75 -			4	5	10	3		22
10.75 -				1	1	1		3
11.75 -			2			1		3
12.75 -								
13.75 -				2				2
14.75 -				2		1		3
CALM	80	3	2				84	169
TOTAL	5073	6041	4070	1757	697	261	136	18035
MAX	5.50	9.00	12.50	15.00	11.00	15.00	7.50	15.00

WAVE HEIGHT - PERIOD

SEASON SPRING

AREA W08 (40N-45N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	303	50	10	11			17	391
0.75 -	1067	1030	401	125	65	23	40	2751
1.75 -	538	1007	880	309	86	46	42	2908
2.75 -	126	439	554	280	134	41	30	1604
3.75 -	24	190	305	151	90	60	8	828
4.75 -	10	41	80	70	41	18	2	262
5.75 -		15	30	22	32	21		120
6.75 -		8	20	18	14	5		65
7.75 -			4	2	2	1		9
8.75 -			3	1	5	3		12
9.75 -		3	5	5	1	2		16
10.75 -								
11.75 -						1		1
12.75 -								
13.75 -								
14.75 -								
CALM	44						45	89
TOTAL	2112	2783	2292	994	470	221	184	9056
MAX	5.00	10.00	10.00	10.00	10.00	12.50	5.00	12.50

AREA W12 (35N-40N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	1173	121	50	47			35	1426
0.75 -	3813	2358	992	338	251	64	138	7954
1.75 -	1112	1904	1679	559	221	149	134	5758
2.75 -	231	638	801	376	159	90	35	2330
3.75 -	40	134	250	142	77	47	13	703
4.75 -	8	45	98	54	26	15	4	250
5.75 -		12	32	19	17	13	3	96
6.75 -		7	7	9	13	11	1	48
7.75 -			9	3	1	1		14
8.75 -				1	3	3		7
9.75 -			4		3	7		14
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	179	2	2				182	365
TOTAL	6556	5221	3924	1548	771	400	545	18965
MAX	5.50	7.50	10.00	9.00	10.00	10.00	7.00	10.00

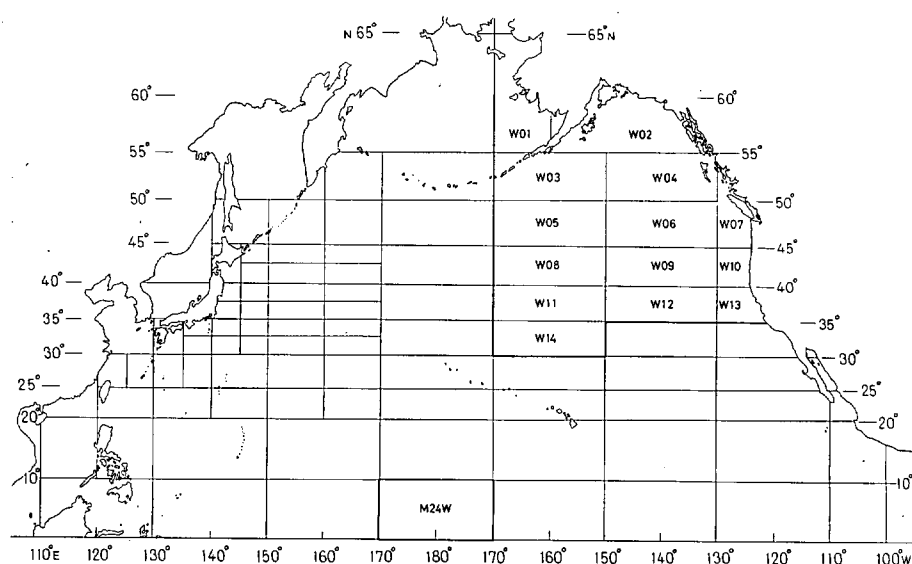
AREA W09 (40N-45N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	548	60	23	18			45	694
0.75 -	1737	1398	556	181	104	35	159	4170
1.75 -	550	1160	956	370	116	67	65	3284
2.75 -	117	446	462	241	118	50	24	1458
3.75 -	44	133	171	134	65	39	5	591
4.75 -	10	36	76	55	28	8	3	216
5.75 -		17	40	20	27	7	4	115
6.75 -		5	16	22	16	5	2	66
7.75 -		3	1	3	6	3		16
8.75 -			3	1	1	3	1	9
9.75 -			3	3		5		11
10.75 -			1	1		1		3
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM	66						242	308
TOTAL	3072	3258	2309	1049	481	223	550	10942
MAX	5.50	8.00	12.50	11.50	9.00	11.00	9.50	12.50

AREA W13 (35N-40N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	807	110	27	82			33	1059
0.75 -	2804	1649	618	254	172	26	84	5607
1.75 -	939	1610	1040	405	150	88	60	4292
2.75 -	239	618	598	284	115	58	29	1941
3.75 -	53	161	208	153	53	28	8	664
4.75 -	3	52	54	39	31	3	6	188
5.75 -		17	25	27	9	9	6	93
6.75 -		8	12	7	9	10		46
7.75 -		1		2	2	10		15
8.75 -		4	2	1	4	2		13
9.75 -			2	3	1	1		7
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	130						133	263
TOTAL	4975	4230	2586	1257	546	235	359	14188
MAX	5.00	9.00	10.00	10.50	10.00	10.00	6.00	10.50

AREA W10 (40N-45N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	466	209	74	91			12	852
0.75 -	1628	1252	586	145	85	15	33	3744
1.75 -	566	793	502	150	62	36	16	2125
2.75 -	147	296	243	107	46	20	9	868
3.75 -	36	72	98	36	16	8	4	270
4.75 -	5	24	35	11	17	4	1	97
5.75 -		12	25	10	11	3	1	62
6.75 -		3	8	3	1	4		19
7.75 -		1		2	2			5
8.75 -			3	1	2		1	7
9.75 -				1				1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	40	2					44	86
TOTAL	2888	2664	1574	557	242	90	121	8136
MAX	5.00	8.00	9.50	10.00	9.00	7.50	9.00	10.00

AREA W14 (30N-35N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	918	80	45	51			23	1117
0.75 -	2998	2108	937	364	262	47	137	6853
1.75 -	915	1895	1588	718	299	177	144	5736
2.75 -	179	585	775	389	226	111	43	2308
3.75 -	43	180	266	191	119	74	9	882
4.75 -	23	45	86	68	32	15	5	274
5.75 -		12	39	30	10	15	1	107
6.75 -		6	7	19	10	12	3	57
7.75 -		2	3	3	2	3		13
8.75 -			10	2		3		15
9.75 -		3				2		5
10.75 -						2		2
11.75 -						1		1
12.75 -								
13.75 -								
14.75 -								
CALM	113	2	1		1		126	243
TOTAL	5189	4918	3757	1835	961	462	491	17613
MAX	5.50	10.00	9.50	9.00	8.50	12.50	7.50	12.50

AREA W11 (35N-40N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	550	70	31	25			18	694
0.75 -	2049	1377	662	202	163	42	96	4591
1.75 -	766	1419	1222	480	199	139	81	4306
2.75 -	155	516	636	369	202	118	36	2832
3.75 -	35	120	269	166	96	49	15	750
4.75 -	9	30	76	61	31	25	6	238
5.75 -		15	36	34	36	16	5	142
6.75 -		6	12	20	9	1		48
7.75 -		1	8	6	9	6		30
8.75 -			1	3	3	3		10
9.75 -		1	2		1	2		6
10.75 -					1	1		2
11.75 -			2		1			3
12.75 -								
13.75 -								
14.75 -								
CALM	76	1	1				67	145
TOTAL	3640	3556	2958	1366	751	402	324	12997
MAX	5.00	10.00	12.50	9.00	12.00	11.50	6.00	12.50



WAVE HEIGHT - PERIOD

SEASON SPRING

AREA W15		(30N-35N, 150W-130W)						DATA NUMBER		25602	
		PERIOD (SEC)						MEAN OF DATA		S.D. OF DATA	
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -		1658	184	94	83			55	2074		
0.75 -		5203	3336	1479	501	379	96	274	11268		
1.75 -		1436	2523	2053	965	371	223	176	7747		
2.75 -		264	673	809	538	215	96	55	2650		
3.75 -		50	176	249	193	103	56	21	848		
4.75 -		8	31	66	55	41	17	6	224		
5.75 -			25	23	28	22	11	1	110		
6.75 -			5	11	9	11	3		39		
7.75 -			4	1	3	1	4		13		
8.75 -			1	1	1	3	2		8		
9.75 -			1			2	1		4		
10.75 -				1					1		
11.75 -											
12.75 -											
13.75 -											
14.75 -											
CALM		318	8	1				289	616		
TOTAL		8937	6967	4788	2376	1148	509	877	25602		
MAX		5.50	10.00	11.00	9.50	10.00	10.00	6.00	11.00		

AREA W19								DATA NUMBER		13029
(25N-30N, 130W-110W)								MEAN OF DATA		1.50 M
								S.D. OF DATA		.87 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	1383	160	47	64			28	1682		
0.75 -	3430	1728	729	217	207	37	47	6795		
1.75 -	785	1137	708	230	119	56	19	3054		
2.75 -	99	242	247	140	55	20	2	805		
3.75 -	14	40	65	44	30	6	3	202		
4.75 -	1	16	18	2	10	2		49		
5.75 -			4	3	9			16		
6.75 -					4			4		
7.75 -										
8.75 -			1		1			2		
9.75 -					1			1		
10.75 -										
11.75 -										
12.75 -										
13.75 -										
14.75 -										
CALM	229	1	3				186	419		
TOTAL	6341	3324	1822	700	436	121	285	13029		
MAX	5.00	5.50	9.00	6.00	10.50	5.00	4.00	10.50		

AREA W16		(30N-35N, 130W-110W)						PERIOD (SEC)		DATA MEAN S.D.	NUMBER OF DATA	23570 1.42 M 1.00 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL				
0.00 -	3839	578	219	126			98	4860				
0.75 -	5745	2795	1225	446	195	38	106	10550				
1.75 -	1161	1745	1190	437	199	87	41	4860				
2.75 -	205	419	460	244	112	51	14	1505				
3.75 -	49	88	151	71	59	24	7	449				
4.75 -	14	19	46	29	20	6	4	138				
5.75 -		5	11	9	9	2		36				
6.75 -		4	4		4	2		14				
7.75 -			1	1		1		3				
8.75 -		1		1	3			5				
9.75 -		2			8	3		13				
10.75 -												
11.75 -					1			1				
12.75 -												
13.75 -												
14.75 -				1				1				
CALM	414	6	4				711	1135				
TOTAL	11427	5662	3311	1365	610	214	981	23570				
MAX	5.00	10.00	8.00	20.00	12.00	10.00	5.50	20.00				

AREA W20		(20N-25N, 170W-150W)						DATA NUMBER		23223	
		PERIOD (SEC)						MEAN OF DATA		1.72 M	
		S.D. OF DATA						0.95 M			
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM		TOTAL	
0.00 -		1763	336	81	64			56		2300	
0.75 -		5516	3129	1182	401	265	54	207		10754	
1.75 -		1576	2464	1656	558	293	149	125		6821	
2.75 -		248	702	658	298	170	78	36		2190	
3.75 -		48	144	184	85	79	32	11		583	
4.75 -		7	35	28	17	23	6	4		120	
5.75 -			16	10	6	9	3			44	
6.75 -				1	7	3	2			13	
7.75 -				2						2	
8.75 -						1				1	
9.75 -				1	4	1	1			7	
10.75 -											
11.75 -											
12.75 -											
13.75 -											
14.75 -											
CALM		178	3	1				206		388	
TOTAL		9336	6829	3804	1440	844	325	645		23223	
MAX		5.00	6.00	10.00	10.00	10.00	10.00	5.50		10.00	

AREA W17		(25N-30N, 170W-150W)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		S.D. OF DATA		11288	
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		2.00 M		
0.00 -		527	82	22	35			12	678				
0.75 -		2099	1351	543	214	147	31	107	4492				
1.75 -		695	1305	978	380	198	86	78	3720				
2.75 -		138	419	510	240	97	56	38	1498				
3.75 -		20	142	181	112	64	26	9	554				
4.75 -		5	24	33	24	18	16	3	123				
5.75 -			4	17	8	19	16		64				
6.75 -			1	5	7	2	5		20				
7.75 -				2	1		1		4				
8.75 -				4		1	1		6				
9.75 -				2					2				
10.75 -													
11.75 -													
12.75 -													
13.75 -													
14.75 -													
CALM		66	1					60	127				
TOTAL		3550	3329	2297	1021	546	238	307	11288				
MAX		5.00	7.00	10.00	8.50	9.50	9.00	5.50	10.00				

WAVE HEIGHT - PERIOD

SEASON SPRING

AREA W23								
(10N-20N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		8085
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
						14-	CALM	1.85 M
0.00 -	328	51	34	22			13	448
0.75 -	1468	1204	649	159	62	31	46	3619
1.75 -	512	1111	680	273	115	49	45	2785
2.75 -	61	309	275	125	35	34	17	856
3.75 -	24	46	80	13	16	7	6	192
4.75 -	3	20	18	7	1	1		50
5.75 -		5	5	1	3	4	1	19
6.75 -		6	3	4		4		17
7.75 -		1	1			1		3
8.75 -						1		1
9.75 -			1					1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	39						55	94
TOTAL	2435	2753	1746	604	232	132	183	8085
MAX	5.00	8.50	10.50	7.00	6.50	9.00	6.00	10.50

AREA W27								
(00N-10N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		2005
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
						14-	CALM	1.85 M
0.00 -	95	14	10	3				122
0.75 -	388	284	184	50	29	2	8	945
1.75 -	131	256	139	66	7	20	5	624
2.75 -	34	73	71	25	10		4	217
3.75 -	2	23	20	5	5	1		56
4.75 -		1	18	8	1			28
5.75 -			4	2				6
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	5						2	7
TOTAL	655	651	446	159	52	23	19	2005
MAX	4.00	5.50	6.00	6.00	5.00	4.00	3.00	6.00

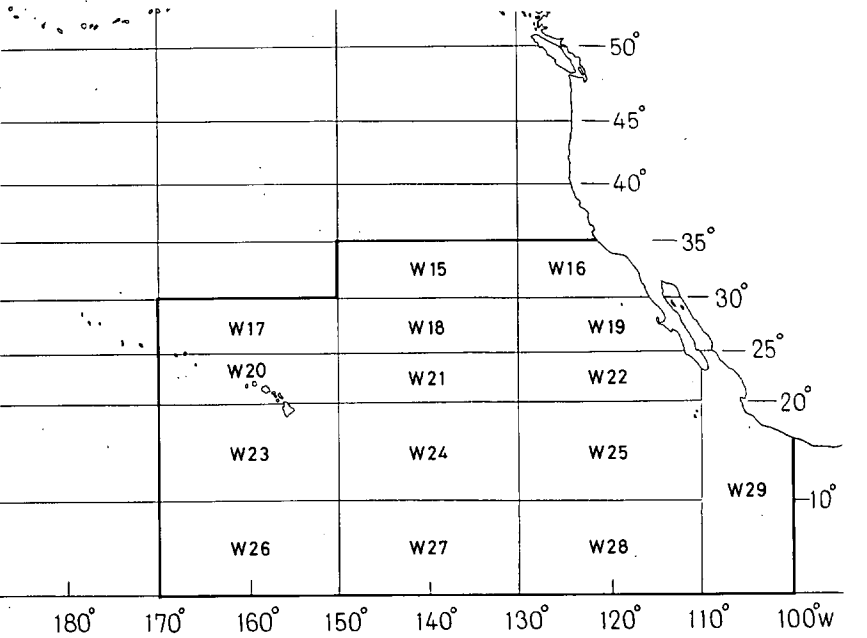
AREA W24								
(10N-20N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		8018
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
						14-	CALM	1.96 M
0.00 -	278	29	10	7			1	325
0.75 -	1535	975	440	165	70	26	79	3290
1.75 -	683	1064	686	308	83	90	49	2963
2.75 -	118	391	368	139	39	33	14	1102
3.75 -	14	39	91	50	24	6	2	226
4.75 -		1	20	15	5	8	1	50
5.75 -			2	4	1	1		8
6.75 -		1				1		2
7.75 -			1	2				3
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	25						24	49
TOTAL	2653	2500	1618	690	222	165	170	8018
MAX	4.50	7.00	8.00	8.50	6.00	7.50	5.00	8.50

AREA W28								
(00N-10N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		1789
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
						14-	CALM	1.81 M
0.00 -	130	52	8	19			7	216
0.75 -	380	322	158	48	28	17	18	971
1.75 -	68	128	125	75	23	10	1	430
2.75 -	10	40	47	10	15	2	2	126
3.75 -		6	7	3	3	6		25
4.75 -			2	1	2			5
5.75 -					1			1
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	10	1					4	15
TOTAL	598	549	347	156	72	35	32	1789
MAX	3.50	4.00	5.00	5.00	6.00	4.00	3.00	6.00

AREA W25								
(10N-20N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		12077
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
						14-	CALM	1.56 M
0.00 -	932	145	46	33			16	1172
0.75 -	3458	1865	811	269	179	80	86	6748
1.75 -	724	1141	805	311	119	77	24	3201
2.75 -	53	216	224	95	52	33	1	678
3.75 -	8	22	31	34	25	7		127
4.75 -	3	3	8	9	1	7		31
5.75 -					1	4		5
6.75 -								
7.75 -								
8.75 -								
9.75 -						1		1
10.75 -						1		1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	84	3					26	113
TOTAL	5262	3395	1929	751	377	210	153	12077
MAX	5.50	5.50	5.50	5.50	6.00	11.00	3.50	11.00

AREA W29								
(00N-35N, 110W-100W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		24137
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
						14-	CALM	1.04 M
0.00 -	4964	559	275	289			104	6191
0.75 -	6466	3273	1593	619	569	108	164	12792
1.75 -	726	757	505	202	159	112	30	2491
2.75 -	56	93	75	39	33	15	1	312
3.75 -	12	17	23	8	9	10	1	80
4.75 -	3	2	6	5	5			21
5.75 -		1	1			1		3
6.75 -		1	2					3
7.75 -				1				1
8.75 -								
9.75 -				2		1		3
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	1124	33	7		2		1074	2240
TOTAL	13351	4736	2487	1165	777	247	1374	24137
MAX	5.50	7.50	7.50	10.00	5.00	10.00	4.00	10.00

AREA W26								
(00N-10N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		2318
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
						14-	CALM	1.80 M
0.00 -	138	15	4	6			7	170
0.75 -	560	323	117	38	6	6	43	1093
1.75 -	137	282	187	61	21	6	24	718
2.75 -	15	78	57	30	29	8	6	223
3.75 -	3	18	22	9	1	6	1	60
4.75 -	2	4	8	7	1	1	1	24
5.75 -			1	1				2
6.75 -		1	1		2	2		6
7.75 -								
8.75 -						2		2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	10	1					9	20
TOTAL	865	722	397	152	60	31	91	2318
MAX	5.00	7.00	7.00	6.00	7.50	9.00	5.00	9.00



WAVE HEIGHT - PERIOD

SEASON SUMMER

AREA E01-E23,M03-M24W,M03-W28								
(00N-55N, 110E-110W)								
DATA NUMBER 899594								
MEAN OF DATA 1.51 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	117466	9951	4262	1898	353	317	6460	140707
0.75 -	273109	121558	47833	9041	6801	2953	2167	463462
1.75 -	58999	74147	49137	11691	4554	2662	886	202076
2.75 -	10188	20175	18207	5618	2894	1099	183	58364
3.75 -	1606	4333	5890	2035	1388	461	28	15741
4.75 -	241	818	1417	575	496	182	9	3738
5.75 -	69	292	428	305	196	181	5	1476
6.75 -	25	353	215	130	154	82	1	960
7.75 -	9	36	79	69	60	41		294
8.75 -	5	17	47	25	27	35		156
9.75 -	12	10	34	14	18	22		110
10.75 -	2	4	5	4	6	1		22
11.75 -	3		5	38	6	5		57
12.75 -		2			1	2		5
13.75 -		2			2	1		5
14.75 -	2	3	3	1		4		13
CALM	4436	112	56		6		7798	12408
TOTAL	466172	231813	127618	31444	16962	8048	17537	899594
MAX	16.50	18.00	18.00	17.50	14.50	15.00	7.00	18.00

AREA E03								
(40N-45N, 140E-145E)								
DATA NUMBER 1236								
MEAN OF DATA 1.14 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	253	78	44	3		1	14	393
0.75 -	261	241	94	25	4	4		629
1.75 -	56	57	44	7	3	4		171
2.75 -	6	11	12		2	1		32
3.75 -		3	1	1	1			6
4.75 -	1							1
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							4	4
TOTAL	577	390	195	36	10	10	18	1236
MAX	5.00	4.00	4.00	4.00	4.00	3.00	.00	5.00

AREA E01								
(45N-50N, 140E-150E)								
DATA NUMBER 497								
MEAN OF DATA 1.11 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	124	28	1	1		1	2	157
0.75 -	132	113	10		1			256
1.75 -	19	31	12	3				65
2.75 -		2	9	1	2			14
3.75 -								
4.75 -								
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							5	5
TOTAL	275	174	32	5	3	1	7	497
MAX	2.50	3.00	3.50	3.00	3.50	.50	.00	3.50

AREA E04N								
(42.5N-45N, 145E-150E)								
DATA NUMBER 1347								
MEAN OF DATA 1.28 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	254	43	25		1	2	18	343
0.75 -	404	183	97	13	5			702
1.75 -	63	88	53	10	2	3		219
2.75 -	8	24	9	7	3	1		52
3.75 -	2	8		3	4			17
4.75 -		1						1
5.75 -		2						2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							11	11
TOTAL	731	349	184	33	15	6	29	1347
MAX	4.50	6.50	3.50	4.50	4.00	3.50	.00	6.50

AREA E02N								
(40N-50N, 120E-140E)								
DATA NUMBER 803								
MEAN OF DATA 1.01 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	288	17	8		1	3	23	340
0.75 -	228	105	4	1				338
1.75 -	16	58	12		1			87
2.75 -	4	5	3					12
3.75 -	1	1		2				4
4.75 -				3				3
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -	1							1
CALM							18	18
TOTAL	538	186	27	6	2	3	41	803
MAX	16.00	4.00	3.00	5.00	2.50	.50	.00	16.00

AREA E04S								
(40N-42.5N, 145E-150E)								
DATA NUMBER 3095								
MEAN OF DATA 1.53 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	358	20	17	6	2	2	23	428
0.75 -	927	479	174	30	16	7		1633
1.75 -	240	282	169	55	13	4		763
2.75 -	32	86	62	12	11	4		207
3.75 -	2	13	17	5	2			39
4.75 -	2	2	3					7
5.75 -			5					5
6.75 -		2						2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM							10	10
TOTAL	1561	884	448	108	44	17	33	3095
MAX	5.50	7.00	12.50	4.50	4.50	3.50	.00	12.50

AREA E02S								
(35N-40N, 120E-140E)								
DATA NUMBER 5664								
MEAN OF DATA 1.01 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1801	89	28	4	5	8	168	2103
0.75 -	1889	440	72	8	8	21		2438
1.75 -	264	259	81	7	10	11		632
2.75 -	30	59	36	13	10	4		152
3.75 -	4	8	11	1	4			28
4.75 -		1	2					3
5.75 -					2			2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							306	306
TOTAL	3988	856	230	33	39	44	474	5664
MAX	4.50	5.00	5.00	4.50	6.00	3.50	.00	6.00

AREA E05N								1807
(37.5N-40N, 140E-145E)								1.44 M
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	300	15	15	2	3		14	349
0.75 -	528	249	103	7	6	11		904
1.75 -	93	146	79	22	20	4		364
2.75 -	23	46	55	12	6	3		145
3.75 -		6	5	2	2			15
4.75 -		2	1					3
5.75 -								
6.75 -					1			1
7.75 -								
8.75 -			2					2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							24	24
TOTAL	944	464	260	45	38	18	38	1807
MAX	3.50	5.00	9.00	4.00	7.50	3.00	.00	9.00

WAVE HEIGHT - PERIOD

SEASON SUMMER

AREA E05S (35N-37.5N, 140E-145E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	682	42	18	4	5	2	56	809
0.75 -	1622	650	257	42	36	21		2628
1.75 -	423	415	286	63	23	8		1218
2.75 -	85	136	146	38	28	6		439
3.75 -	9	26	50	14	13	1		113
4.75 -	3	10	10	2	6	4		35
5.75 -	1	6	1					8
6.75 -	1		2	1	1	1		6
7.75 -						1		1
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							37	37
TOTAL	2826	1285	770	164	112	44	93	5294
MAX	7.50	6.00	7.00	7.00	7.00	8.00	.00	8.00

AREA E08 (30N-35N, 130E-135E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	1600	68	56	4	5	2	147	1882
0.75 -	2524	701	227	32	27	26		3537
1.75 -	540	467	254	65	32	16		1374
2.75 -	123	144	161	45	26	5		504
3.75 -	31	48	57	19	12	8		175
4.75 -	4	13	25	8	8			58
5.75 -	2	1	6	2		3		14
6.75 -		6	6	1	1			14
7.75 -	1			4	4			9
8.75 -			1		1			2
9.75 -		1	2		2			5
10.75 -			2			1		3
11.75 -				1				1
12.75 -		2						2
13.75 -		2						2
14.75 -								
CALM							95	95
TOTAL	4825	1453	797	181	118	61	242	7677
MAX	8.00	14.50	11.50	12.00	10.00	11.00	.00	14.50

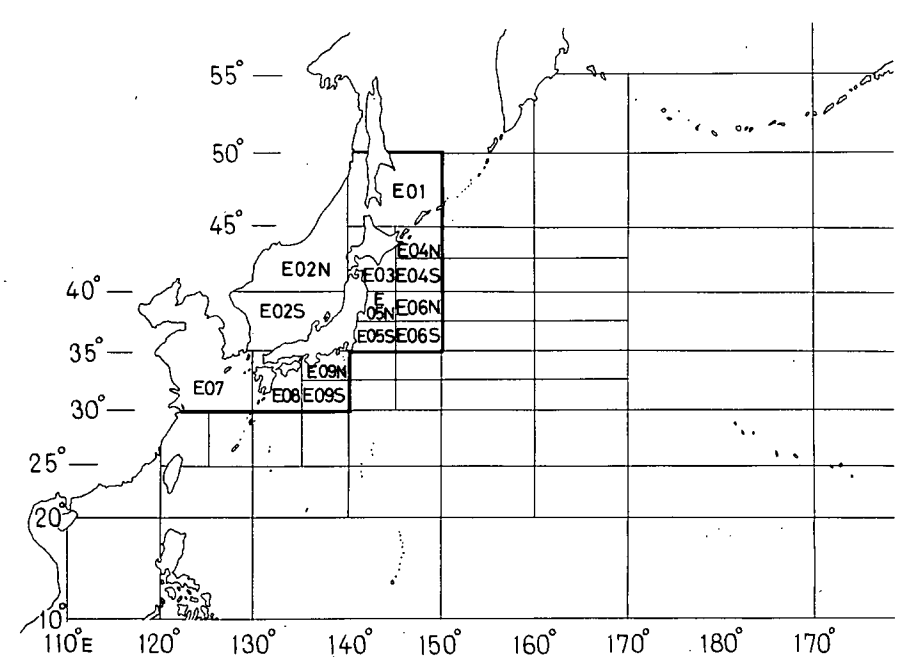
AREA E06N (37.5N-40N, 145E-150E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	969	60	35	7	4	8	57	1140
0.75 -	2589	1019	408	50	44	21		4131
1.75 -	535	636	499	85	45	17		1817
2.75 -	106	179	161	46	31	7		530
3.75 -	24	28	65	21	17	3		158
4.75 -	2	4	14	2	6			28
5.75 -	1	5	1	5	1	3		16
6.75 -		8	2	4	1			15
7.75 -	1	3	1		1			6
8.75 -								
9.75 -			3	1				4
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -				1				1
CALM							14	14
TOTAL	4227	1942	1189	222	150	59	71	7860
MAX	8.00	8.50	10.50	17.50	8.50	6.50	.00	17.50

AREA E09N (32.5N-35N, 135E-140E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	949	33	21	7		1	70	1081
0.75 -	1466	420	185	23	17	15		2126
1.75 -	361	232	147	38	18	7		803
2.75 -	91	93	77	22	11	5		299
3.75 -	13	39	27	10	4	1		94
4.75 -		3	14	5	3	3		28
5.75 -		5		2	1	1		9
6.75 -		6	3			3		12
7.75 -			3	1				4
8.75 -	1	1	1					3
9.75 -		1						1
10.75 -								
11.75 -								
12.75 -						1		1
13.75 -								
14.75 -		1						1
CALM							56	56
TOTAL	2881	834	478	108	54	37	126	4518
MAX	9.00	15.00	9.50	8.00	6.00	13.50	.00	15.00

AREA F06S (35N-37.5N, 145E-150E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	674	44	11	4	1	2	36	772
0.75 -	2092	849	358	47	57	8		3411
1.75 -	549	772	541	81	33	18		1994
2.75 -	101	248	234	47	33	10		673
3.75 -	16	59	64	22	17	4		182
4.75 -	9	9	24	3	14	1		60
5.75 -	1	9	6	1	5			22
6.75 -	2	6	3		2	1		14
7.75 -	2			1	3			6
8.75 -			1					1
9.75 -						1		1
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							9	9
TOTAL	3446	1996	1242	207	165	45	45	7146
MAX	8.50	7.50	9.00	12.00	8.50	10.00	.00	12.00

AREA E09S (30N-32.5N, 135E-140E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	727	24	15		2		25	793
0.75 -	1801	660	311	37	22	25		2856
1.75 -	502	432	359	88	40	13		1434
2.75 -	103	143	160	53	27	9		495
3.75 -	17	43	65	30	8	4		167
4.75 -	3	7	22	11	6	2		51
5.75 -	2	3	7	5	5	4		26
6.75 -		3	4	6	7			20
7.75 -			2					2
8.75 -				1				1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							11	11
TOTAL	3155	1315	945	231	117	57	36	5856
MAX	6.00	7.00	8.00	9.00	7.50	6.00	.00	9.00

(30N-40N, 120E-130E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	1696	98	34	10	4	5	394	2241
0.75 -	2360	936	260	24	33	32		3645
1.75 -	439	465	253	27	22	18		1224
2.75 -	60	136	103	14	27	3		343
3.75 -	8	24	38	24	23	5		122
4.75 -	2	3	20	1	1	2		29
5.75 -	1		5			1		7
6.75 -		8	6	3	1	1		19
7.75 -			2					2
8.75 -								
9.75 -	1	1	1	1				4
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							80	80
TOTAL	4567	1671	722	105	111	67	474	7717
MAX	10.00	10.00	10.00	12.00	7.50	7.00	.00	12.00



WAVE HEIGHT - PERIOD

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AREA E10N (32.5N-35N, 140E-145E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 4739 1.72 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	512	27	21	5	4	3	41	613
0.75 -	1486	488	178	40	18	14		2224
1.75 -	453	356	270	76	17	24		1196
2.75 -	109	144	160	57	39	15		524
3.75 -	22	48	33	13	7	4		127
4.75 -	4	8	9	6	4			31
5.75 -	2	3	3	2		1		11
6.75 -		4	1	2				7
7.75 -	1	2			1			4
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	2589	1080	675	201	90	61	43	4739
MAX	8.50	8.00	7.00	7.00	8.00	6.50	.00	8.50

AREA E12W (25N-30N, 120E-125E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 8160 1.39 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1739	50	21	9	3	4	83	1909
0.75 -	3039	853	205	33	25	34		4189
1.75 -	568	497	268	38	19	14		1404
2.75 -	94	146	103	32	18	4		397
3.75 -	24	45	42	13	10	7		141
4.75 -	4	9	11	2	3	3		32
5.75 -	3	4	10	2		2		21
6.75 -		14	4	3	1	1		23
7.75 -		4	2					6
8.75 -		1	1					2
9.75 -						3		3
10.75 -								
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							31	31
TOTAL	5471	1623	667	134	79	72	114	8160
MAX	6.00	9.00	9.00	12.00	7.50	10.00	.00	12.00

AREA E10S (30N-32.5N, 140E-145E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 3041 1.69 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	314	51	35	5	2		18	425
0.75 -	799	422	220	22	18	2		1483
1.75 -	203	195	229	38	16	14		695
2.75 -	48	93	100	25	14	7		287
3.75 -	10	10	39	18	11	2		90
4.75 -	1	5	10	5	6	6		33
5.75 -	3	1	3	3				10
6.75 -		1	1	2	5	1		10
7.75 -								
8.75 -	1							1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	1379	778	637	118	72	32	25	3041
MAX	9.00	7.00	7.00	7.00	7.50	7.50	.00	9.00

AREA E12E (25N-30N, 125E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 13763 1.48 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2475	101	52	10	12	5	109	2764
0.75 -	5034	1441	398	62	61	38		7034
1.75 -	1063	815	519	117	57	23		2594
2.75 -	222	260	250	56	39	23		850
3.75 -	41	73	127	25	21	5		292
4.75 -	6	13	35	7	15	4		80
5.75 -	2	4	22	2	2	2		34
6.75 -	2	24	6	6	4	2		44
7.75 -			4		1	2		7
8.75 -	1	1	4	2	1			9
9.75 -		1			1	3		5
10.75 -								
11.75 -				4				4
12.75 -					1			1
13.75 -								
14.75 -								
CALM							45	45
TOTAL	8846	2733	1417	291	215	107	154	13763
MAX	9.00	10.00	9.00	12.50	13.00	10.00	.00	13.00

AREA E11N (32.5N-35N, 145E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 4870 1.74 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	475	21	15	11	2		29	554
0.75 -	1521	464	180	30	35	15		2245
1.75 -	468	408	351	86	39	19		1371
2.75 -	123	176	119	36	42	20		516
3.75 -	14	38	52	18	11	5		138
4.75 -	3	3	7	5	3	1		22
5.75 -	1	1	5					7
6.75 -		2		3	2			7
7.75 -					1			1
8.75 -		1				1		2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	2605	1114	730	189	135	61	36	4870
MAX	6.00	9.00	6.50	7.50	8.50	9.00	.00	9.00

AREA E13W (25N-30N, 130E-135E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 17759 1.68 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2157	139	51	6	3	4	85	2445
0.75 -	5509	2030	1314	113	61	22		9049
1.75 -	1250	1140	1035	246	81	37		3789
2.75 -	318	372	526	166	116	11		1509
3.75 -	45	146	165	95	79	29		560
4.75 -	6	26	84	35	41	23		215
5.75 -	5	12	16	13	18	7		71
6.75 -		21	17	4	8	3		53
7.75 -		2	2	6	4	2		16
8.75 -		1	9	2				12
9.75 -					1			1
10.75 -			1	2				3
11.75 -	3			2				5
12.75 -								
13.75 -								
14.75 -	1							1
CALM							30	30
TOTAL	9294	3889	3220	691	412	138	115	17759
MAX	16.50	9.00	11.50	12.00	10.00	8.50	.00	16.50

AREA E11S (30N-32.5N, 145E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 2327 1.64 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	244	9	2	3	2	1	19	280
0.75 -	726	240	127	16	22	13		1144
1.75 -	221	210	170	32	15	12		660
2.75 -	29	62	55	10	6	10		172
3.75 -	4	7	18	14	5	1		49
4.75 -		1	4		1	2		8
5.75 -			4	1				5
6.75 -			2					2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	1224	529	382	76	51	39	26	2327
MAX	4.00	5.00	7.00	6.00	5.00	5.00	.00	7.00

AREA E13E (25N-30N, 135E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 12754 1.71 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1403	127	50	8	2	8	90	1698
0.75 -	3139	1605	1290	145	51	49		6279
1.75 -	787	890	999	242	63	26		3007
2.75 -	183	242	417	105	48	12		1058
3.75 -	51	93	160	72	56	9		441
4.75 -	1	11	29	20	44	7		112
5.75 -	3	6	13	29	6	3		60
6.75 -	1	6	7	4	8	4		30
7.75 -		3	7	11	6			27
8.75 -			1	4	2			7
9.75 -			1	3	2	1		7
10.75 -				1				1
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -		1						1
CALM							25	25
TOTAL	5568	3034	2984	646	288	119	115	12754
MAX	7.00	16.50	10.00	12.00	10.00	10.00	.00	16.50

WAVE HEIGHT - PERIOD

SEASON SUMMER

AREA E14 (25N-30N, 140E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 7908 1.55 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1120	76	32	9	5	6	102	1350
0.75 -	2416	1083	551	58	55	38		4201
1.75 -	412	582	412	75	38	25		1544
2.75 -	84	156	145	64	24	11		484
3.75 -	18	33	56	20	19	10		156
4.75 -	2	9	30	8	13	6		68
5.75 -		5	7	2	4	1		19
6.75 -	2	14	10	1	4	5		36
7.75 -	2	1	2		4			9
8.75 -		3	2			1		6
9.75 -			5			2		7
10.75 -								
11.75 -				3				3
12.75 -								
13.75 -								
14.75 -			2					2
CALM							23	23
TOTAL	4056	1962	1254	240	166	105	125	7908
MAX	8.50	9.00	15.00	12.00	8.00	10.00	.00	15.00

AREA E18 (20N-25N, 140E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 9114 1.50 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1263	65	49	13	3	9	118	1520
0.75 -	2795	1386	632	63	68	37		4981
1.75 -	443	652	527	98	43	39		1802
2.75 -	78	160	167	45	34	11		495
3.75 -	17	48	81	14	27	6		193
4.75 -	1	12	22	6	12	3		56
5.75 -	1	1	7	1	6	6		22
6.75 -		5	4		3			12
7.75 -			1					1
8.75 -		1	1	2	2			6
9.75 -	1		1		2			4
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -					2			2
14.75 -								
CALM							19	19
TOTAL	4599	2330	1492	243	202	111	137	9114
MAX	10.50	9.00	10.00	12.00	14.50	6.50	.00	14.50

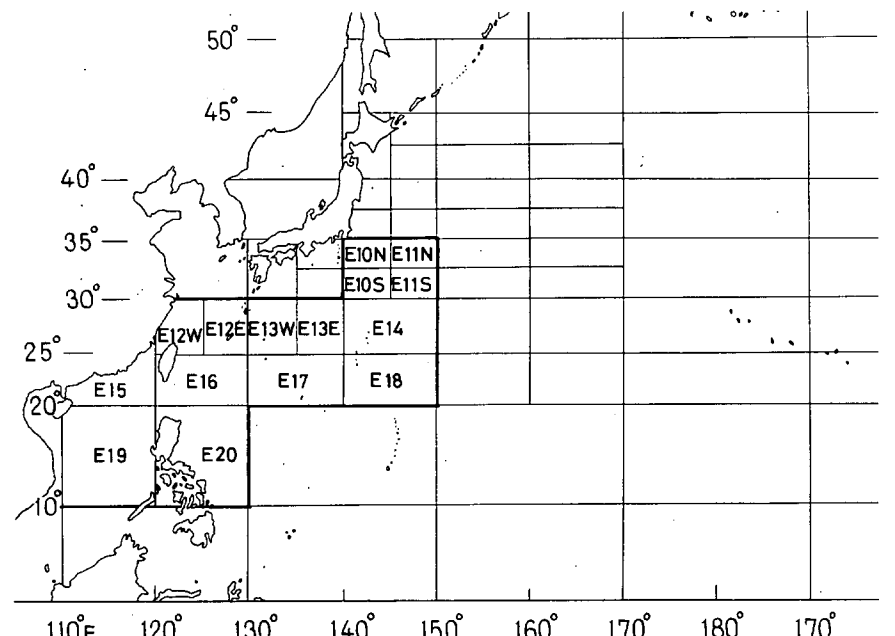
AREA E15 (20N-30N, 110E-120E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 1515 1.38 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	282	30	2		3		5	322
0.75 -	557	203	54	5	5	1		825
1.75 -	89	97	53	12	2	1		254
2.75 -	13	23	19	11	4	2		72
3.75 -	1	5	6	1	5			18
4.75 -			1			3		4
5.75 -			1	1				2
6.75 -	1	1	2		4			8
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							10	10
TOTAL	943	359	138	30	23	7	15	1515
MAX	7.50	7.00	7.00	6.00	7.50	5.50	.00	7.50

AREA E19 (10N-20N, 110E-120E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 34663 1.47 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	7244	199	31	9	18	13	149	7663
0.75 -	11889	2929	706	76	79	68		15747
1.75 -	3242	2591	1468	341	105	35		7782
2.75 -	621	952	639	198	60	14		2484
3.75 -	66	200	244	66	36	11		623
4.75 -	14	32	45	17	11	3		122
5.75 -	3	17	8	5	1			34
6.75 -		9	7	4	7			27
7.75 -				2	5	1		8
8.75 -				1	1			2
9.75 -			3					3
10.75 -			1		4			5
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							161	161
TOTAL	23079	6929	3152	721	327	145	310	34663
MAX	6.00	7.50	11.00	12.00	11.00	8.00	.00	12.00

AREA E16 (20N-25N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 33042 1.55 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	5617	200	102	21	21	14	282	6257
0.75 -	11399	3447	1122	161	133	105		16367
1.75 -	2359	2118	1462	322	150	46		6457
2.75 -	630	781	660	240	134	44		2489
3.75 -	120	202	317	97	93	22		851
4.75 -	15	51	94	47	43	9		259
5.75 -	5	16	15	19	19	11		85
6.75 -	5	34	15	9	21	8		92
7.75 -	1	1	6	6	7	9		30
8.75 -	1		1	1	2	13		18
9.75 -	10		3		1	3		17
10.75 -	2							2
11.75 -				2	1			3
12.75 -								
13.75 -								
14.75 -						4		4
CALM							111	111
TOTAL	20164	6850	3797	925	625	288	393	33042
MAX	11.00	8.50	10.00	12.00	12.00	15.00	.00	15.00

AREA E20 (10N-20N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 27241 1.36 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	5963	326	97	35	25	17	412	6875
0.75 -	9222	2972	877	99	128	100		13398
1.75 -	1690	1624	992	230	79	40		4655
2.75 -	367	582	366	137	67	23		1542
3.75 -	47	110	125	35	29	13		359
4.75 -	5	34	39	13	12	4		107
5.75 -	3	9	21	6	5	7		51
6.75 -	1	36	14	5	4	3		63
7.75 -		6	4		4	2		16
8.75 -		3	4		3	2		12
9.75 -				2	1			3
10.75 -					1			1
11.75 -			1	2				3
12.75 -								
13.75 -								
14.75 -								
CALM							156	156
TOTAL	17298	5702	2540	564	358	211	568	27241
MAX	7.50	9.50	12.50	12.00	11.00	9.50	.00	12.50

AREA E17 (20N-25N, 130E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 14352 1.63 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2020	150	48	18	12	15	106	2369
0.75 -	4367	1868	685	71	81	42		7114
1.75 -	897	989	836	126	57	45		2950
2.75 -	211	391	402	120	81	13		1218
3.75 -	33	114	183	39	52	14		435
4.75 -	11	15	47	14	18	10		115
5.75 -	3	8	24	9	7	10		61
6.75 -	1	8	14	7	5	5		40
7.75 -	1		12	4	3	2		22
8.75 -			1	1	1			3
9.75 -			6		2	3		11
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							14	14
TOTAL	7544	3543	2258	409	319	159	120	14352
MAX	8.00	7.50	10.00	9.00	10.00	10.00	.00	10.00



WAVE HEIGHT - PERIOD

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AREA E21								
(10N-20N, 130E-150E)								
		PERIOD (SEC)				DATA NUMBER		37298
						MEAN OF DATA		1.49 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	5570	350	134	38	19	24	379	6564
0.75 -	11703	5324	2288	230	242	164		19951
1.75 -	1935	2817	1910	289	149	60		7160
2.75 -	385	799	830	146	118	44		2322
3.75 -	78	234	337	79	77	21		826
4.75 -	4	41	117	15	27	3		207
5.75 -	7	20	28	19	11	20		105
6.75 -	3	16	13	6	9	6		53
7.75 -		1	5	4	2	4		17
8.75 -	1		1	1		1		4
9.75 -		1						1
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM							87	87
TOTAL	19686	9603	5715	827	654	347	466	37298
MAX	9.00	10.00	12.50	9.00	8.00	9.00	.00	12.50

AREA M04								
(45N-50N, 160E-170E)								
		PERIOD (SEC)				DATA NUMBER		15167
						MEAN OF DATA		1.66 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1495	107	61	8	10	5	31	1717
0.75 -	4470	2067	917	74	73	33		7634
1.75 -	1219	1518	1125	174	51	20		4107
2.75 -	211	470	449	74	46	12		1262
3.75 -	49	82	146	31	25	3		336
4.75 -	3	10	10	6	3	1		33
5.75 -		5	9	9				23
6.75 -		4	1	2	3			10
7.75 -					4			4
8.75 -				2	2	1		5
9.75 -					1			1
10.75 -								
11.75 -				2		4		6
12.75 -						1		1
13.75 -						1		1
14.75 -								
CALM							27	27
TOTAL	7447	4263	2718	382	218	81	58	15167
MAX	5.00	7.50	7.00	12.00	10.00	14.00	.00	14.00

AREA E22								
(00N-10N, 110E-130E)								
		PERIOD (SEC)				DATA NUMBER		7853
						MEAN OF DATA		1.15 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2324	91	30	3	25	8	160	2641
0.75 -	2607	574	184	21	32	34		3452
1.75 -	536	363	205	26	8	10		1148
2.75 -	105	122	67	13	14	3		324
3.75 -	9	28	22	2	1			62
4.75 -	1	3	4	2	2			12
5.75 -		2						2
6.75 -								
7.75 -								
8.75 -								
9.75 -		1						1
10.75 -								
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							209	209
TOTAL	5582	1184	512	69	82	55	369	7853
MAX	5.50	10.00	5.00	12.00	5.50	3.50	.00	12.00

AREA M05W								
(45N-50N, 170E-170W)								
		PERIOD (SEC)				DATA NUMBER		20158
						MEAN OF DATA		1.79 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1571	76	45	7	9	4	43	1755
0.75 -	6014	2345	975	120	65	60		9579
1.75 -	1878	1979	1595	270	77	22		5821
2.75 -	369	790	668	197	105	26		2155
3.75 -	57	155	285	61	57	14		629
4.75 -	4	17	53	9	15	3		101
5.75 -	3	4	13	16	10	5		51
6.75 -		6	7	4	5	2		24
7.75 -			4	4	1	1		10
8.75 -			3					3
9.75 -			2	2	2			6
10.75 -								
11.75 -				3				3
12.75 -								
13.75 -								
14.75 -								
CALM							21	21
TOTAL	9896	5372	3650	693	346	137	64	20158
MAX	6.00	7.50	10.00	12.00	10.00	8.50	.00	12.00

AREA E23								
(00N-10N, 130E-150E)								
		PERIOD (SEC)				DATA NUMBER		9074
						MEAN OF DATA		1.11 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2034	193	129	11	23	16	120	2526
0.75 -	2737	1579	705	83	99	77		5280
1.75 -	237	454	237	37	21	12		998
2.75 -	20	62	48	9	9	2		150
3.75 -	1	9	14	2		1		27
4.75 -					1			1
5.75 -				1				1
6.75 -		2						2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							89	89
TOTAL	5029	2299	1133	143	153	108	209	9074
MAX	4.00	7.00	4.50	6.00	5.00	4.50	.00	7.00

AREA M06N								
(42.5N-45N, 150E-160E)								
		PERIOD (SEC)				DATA NUMBER		9083
						MEAN OF DATA		1.55 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1005	76	36	5	7	7	65	1201
0.75 -	3061	1271	474	45	60	24		4935
1.75 -	656	748	513	117	39	12		2085
2.75 -	95	240	195	58	24	14		626
3.75 -	12	41	41	31	7	9		141
4.75 -		4	7	1		2		14
5.75 -	1	1	2	9	5	3		21
6.75 -	1	2	1	11	1			16
7.75 -				4				4
8.75 -				3	1			4
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							36	36
TOTAL	4831	2383	1269	284	144	71	101	9083
MAX	7.50	7.00	7.00	9.00	9.00	6.00	.00	9.00

AREA M03								
(45N-50N, 150E-160E)								
		PERIOD (SEC)				DATA NUMBER		6250
						MEAN OF DATA		1.53 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	849	79	20	2	5	3	36	994
0.75 -	1934	833	319	41	44	35		3206
1.75 -	411	589	360	58	25	13		1456
2.75 -	47	183	128	27	37	2		424
3.75 -	9	39	41	13	8	1		111
4.75 -	1	16	5					22
5.75 -		5	3	3	1			12
6.75 -		1		1				2
7.75 -								
8.75 -		1	1					2
9.75 -		1						1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							20	20
TOTAL	3251	1747	877	145	120	54	56	6250
MAX	5.00	10.00	9.50	7.00	6.50	4.50	.00	10.00

AREA M06S		DATA NUMBER 13281						
(40N-42.5N, 150E-160E)		MEAN OF DATA 1.63 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1348	72	22	10	4	4	59	1519
0.75 -	4427	1709	635	117	73	32		6993
1.75 -	1013	1199	886	187	57	25		3367
2.75 -	198	318	321	94	33	18		982
3.75 -	34	73	133	38	12	4		294
4.75 -	3	6	25	6	3	3		46
5.75 -	2	6	6	14	6	6		40
6.75 -	1	1	2	7	4	2		17
7.75 -			1	2	1			4
8.75 -					2			2
9.75 -								
10.75 -		1						1
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							15	15
TOTAL	7026	3385	2031	476	195	94	74	13281
MAX	7.00	11.50	8.00	12.00	9.00	7.00	.00	12.00

WAVE HEIGHT - PERIOD

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AREA M07N		DATA NUMBER						
(42.5N-45N, 160E-170E)		MEAN OF DATA						
		9258						
		1.67 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	846	62	15	6	1	2	38	970
0.75 -	3075	1125	420	59	42	19		4740
1.75 -	821	861	609	140	49	26		2506
2.75 -	168	276	234	64	32	3		777
3.75 -	24	51	55	26	8	2		166
4.75 -	2	18	17	5	4			46
5.75 -	1	5	5	12		1		24
6.75 -		4	1	7	2	2		16
7.75 -			1	1				2
8.75 -								
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							10	10
TOTAL	4937	2402	1357	321	138	55	48	9258
MAX	6.00	7.00	8.00	12.00	7.50	7.50	.00	12.00

AREA M09S		DATA NUMBER						
(35N-37.5N, 150E-160E)		MEAN OF DATA						
		8472						
		1.73 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	742	50	20	3	7	2	60	884
0.75 -	2560	908	465	63	53	34		4083
1.75 -	739	945	543	85	60	31		2453
2.75 -	133	247	225	93	47	11		756
3.75 -	30	47	58	17	27	9		188
4.75 -	1	13	15	17	8			54
5.75 -		4	9	5	6	2		26
6.75 -		4	1	1	6	1		13
7.75 -								
8.75 -						1		1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							14	14
TOTAL	4205	2218	1386	284	214	91	74	8472
MAX	5.50	7.00	7.00	7.00	7.50	9.50	.00	9.50

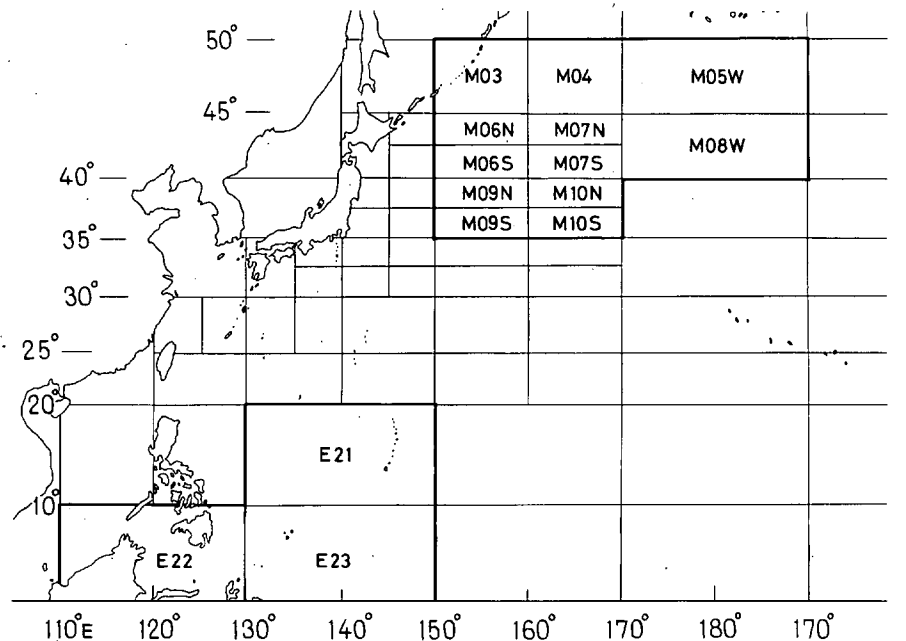
AREA M07S		DATA NUMBER						
(40N-42.5N, 160E-170E)		MEAN OF DATA						
		8973						
		1.77 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	661	37	18	3	5	2	47	773
0.75 -	2646	1082	442	41	60	36		4307
1.75 -	815	1024	624	163	61	27		2714
2.75 -	117	279	298	69	39	28		830
3.75 -	19	42	115	25	25	2		228
4.75 -	2	19	25	9	4			59
5.75 -		2	4	9	4			19
6.75 -		8	3	1	2			14
7.75 -								
8.75 -					4			4
9.75 -			4					4
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							21	21
TOTAL	4260	2493	1533	320	204	95	68	8973
MAX	5.00	7.00	10.50	7.00	9.00	4.00	.00	10.50

AREA M10N		DATA NUMBER						
(37.5N-40N, 160E-170E)		MEAN OF DATA						
		7139						
		1.75 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	569	36	5	5	5	4	45	669
0.75 -	2048	893	335	35	36	27		3374
1.75 -	660	913	475	79	49	17		2193
2.75 -	95	225	238	47	28	13		646
3.75 -	15	36	94	12	11	3		171
4.75 -	1	19	12	3	13			48
5.75 -	1	4	3	4	1			13
6.75 -	1	7	5		1			14
7.75 -								
8.75 -								
9.75 -			1		1			2
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							9	9
TOTAL	3390	2133	1168	185	145	64	54	7139
MAX	7.00	7.50	10.00	6.00	10.00	4.00	.00	10.00

AREA M08W		DATA NUMBER						
(40N-45N, 170E-170W)		MEAN OF DATA						
		19254						
		1.79 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1358	73	39	15	7	5	93	1590
0.75 -	5807	2202	881	111	80	48		9129
1.75 -	1826	2210	1362	205	119	69		5791
2.75 -	323	723	657	133	89	26		1951
3.75 -	47	170	233	42	50	4		546
4.75 -	6	33	51	22	8	1		131
5.75 -	5	11	9	9	4	4		42
6.75 -		9	11	3	1	1		25
7.75 -			1	3	1			5
8.75 -				2		1		3
9.75 -					1	2		3
10.75 -		1						1
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							35	35
TOTAL	9372	5432	3254	547	360	161	128	19254
MAX	6.50	11.50	8.00	12.00	10.00	10.00	.00	12.00

AREA M10S		DATA NUMBER						
(35N-37.5N, 160E-170E)		MEAN OF DATA						
		5508						
		1.65 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	583	20	10	6	2	2	46	669
0.75 -	1798	608	246	23	53	23		2751
1.75 -	476	557	337	63	34	14		1481
2.75 -	78	165	150	32	18	5		448
3.75 -	15	26	39	18	16	9		123
4.75 -	1	3	3	4	5			16
5.75 -		2	1	2	1	1		7
6.75 -								
7.75 -			1					1
8.75 -			1					1
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							10	10
TOTAL	2951	1381	788	149	129	54	56	5508
MAX	5.00	6.00	9.00	12.00	6.50	6.00	.00	12.00

AREA M09N		DATA NUMBER						
(37.5N-40N, 150E-160E)		MEAN OF DATA						
		11809						
		1.74 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1020	57	32	10	3	1	58	1181
0.75 -	3534	1527	548	77	74	39		5799
1.75 -	943	1285	806	129	76	20		3259
2.75 -	198	364	346	112	37	15		1072
3.75 -	34	87	111	41	31	5		309
4.75 -	4	16	32	12	8	5		77
5.75 -	1	7	18	10	8	1		45
6.75 -	2	17	3	2	4	1		29
7.75 -			3	4	2			9
8.75 -			2		3			5
9.75 -				2				3
10.75 -						1		
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							21	21
TOTAL	5736	3360	1901	399	246	88	79	11809
MAX	7.50	7.50	9.00	10.00	9.00	10.00	.00	10.00



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AREA M11W		DATA NUMBER						
(35N-40N, 170E-170W)		MEAN OF DATA						
		17944						
		1.58 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1872	127	48	20	12	7	194	2280
0.75 -	5822	1944	852	136	140	77		8971
1.75 -	1570	1707	1029	166	132	53		4657
2.75 -	247	470	466	80	42	28		1333
3.75 -	44	108	130	29	23	10		344
4.75 -	4	12	31	8	6	2		63
5.75 -	2	4	8		4	5		23
6.75 -	1	8	1	1				11
7.75 -								
8.75 -		1				1		2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							260	260
TOTAL	9562	4381	2565	440	359	183	454	17944
MAX	7.50	9.00	7.50	7.50	6.50	9.00	.00	9.00

AREA M13S		DATA NUMBER						
(30N-32.5N, 160E-170E)		MEAN OF DATA						
		4228						
		1.46 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	537	22	11	3		3	55	631
0.75 -	1424	531	291	46	31	16		2339
1.75 -	259	316	266	59	33	10		943
2.75 -	35	113	55	25	16	9		253
3.75 -	2	17	17	2	2	2		42
4.75 -	1	2	1	1	1			6
5.75 -							1	1
6.75 -							1	1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							12	12
TOTAL	2258	1001	641	136	83	42	67	4228
MAX	5.00	5.00	5.00	5.00	5.00	7.50	.00	7.50

AREA M12N		DATA NUMBER						
(32.5N-35N, 150E-160E)		MEAN OF DATA						
		8110						
		1.63 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	927	37	24	18	4	9	66	1085
0.75 -	2657	847	387	56	54	39		4040
1.75 -	691	684	492	113	78	41		2099
2.75 -	133	217	194	55	39	15		653
3.75 -	22	38	65	15	13	12		165
4.75 -	7	10	15	1		2		35
5.75 -	2	3	2		3			10
6.75 -		3	3			1		7
7.75 -		1			1			2
8.75 -		2	1					3
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							10	10
TOTAL	4439	1842	1183	259	192	119	76	8110
MAX	6.00	9.50	9.50	12.00	8.00	7.00	.00	12.00

AREA M14W		DATA NUMBER						
(30N-35N, 170E-170W)		MEAN OF DATA						
		24836						
		1.35 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	4129	232	53	30	17	24	263	4748
0.75 -	8473	2822	1170	187	148	106		12906
1.75 -	1582	1724	1011	187	103	84		4691
2.75 -	266	446	346	73	68	32		1231
3.75 -	34	77	54	16	19	6		206
4.75 -	3	13	8	5	6	5		40
5.75 -		2	3	2	2	1		10
6.75 -		5	1			1		7
7.75 -								
8.75 -			2			1		3
9.75 -								
10.75 -		2						2
11.75 -								
12.75 -								
13.75 -								
14.75 -			1					1
CALM							991	991
TOTAL	14487	5323	2649	500	363	260	1254	24836
MAX	5.00	11.50	18.00	6.50	6.50	9.00	.00	18.00

AREA M12S		DATA NUMBER						
(30N-32.5N, 150E-160E)		MEAN OF DATA						
		5030						
		1.56 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	611	21	14	3		4	39	692
0.75 -	1660	580	272	31	45	35		2623
1.75 -	322	382	376	78	55	27		1240
2.75 -	68	96	107	58	29	10		368
3.75 -	3	14	30	10	10	5		72
4.75 -	1	3	1	4	3	1		13
5.75 -				1	3			4
6.75 -								
7.75 -								
8.75 -		1						1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							17	17
TOTAL	2665	1097	800	185	145	82	56	5030
MAX	5.00	9.00	5.50	6.00	6.00	5.00	.00	9.00

AREA M15		DATA NUMBER						
(25N-30N, 150E-160E)		MEAN OF DATA						
		5381						
		1.46 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	745	37	10	9	1	2	123	927
0.75 -	1792	645	383	50	52	36		2958
1.75 -	260	385	283	52	43	35		1058
2.75 -	49	88	104	24	17	11		293
3.75 -	9	13	13	17	10	10		78
4.75 -	1	2	4	6		2		15
5.75 -		1		1	3	2		7
6.75 -		2	3		2	4		11
7.75 -			1		1			2
8.75 -			1			1		2
9.75 -		1						1
10.75 -								
11.75 -				1	5			6
12.75 -								
13.75 -								
14.75 -								
CALM							23	23
TOTAL	2856	1180	802	160	134	103	146	5381
MAX	5.00	10.00	9.00	12.00	12.50	9.00	.00	12.50

AREA M13N		DATA NUMBER						
(32.5N-35N, 160E-170E)		MEAN OF DATA						
		12927						
		1.46 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1368	129	46	9		2	151	1705
0.75 -	4726	1877	801	56	66	86		7612
1.75 -	1003	870	578	104	41	38		2634
2.75 -	237	230	201	49	35	9		761
3.75 -	13	42	35	14	18	4		127
4.75 -	4	15	4	1	7	1		32
5.75 -		1	3		1			5
6.75 -		2						2
7.75 -								
8.75 -			1					1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							48	48
TOTAL	7351	3166	1670	233	168	140	199	12927
MAX	5.00	7.00	8.50	5.00	6.00	5.00	.00	8.50

AREA M16		DATA NUMBER 6695						
(25N-30N, 160E-170E)		MEAN OF DATA 1.40 M						
HEIGHT (M)	PERIOD (SEC)							TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	996	58	24	6	2	1	95	1182
0.75 -	2191	835	430	88	54	53		3651
1.75 -	363	536	391	97	46	48		1481
2.75 -	56	103	95	21	15	12		302
3.75 -	4	17	14	12	3			50
4.75 -		1	4		1			6
5.75 -					1			1
6.75 -								
7.75 -								
8.75 -			1					1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							21	21
TOTAL	3610	1550	959	224	122	114	116	6695
MAX	4.50	5.00	9.00	4.50	6.00	3.00	.00	9.00

WAVE HEIGHT - PERIOD

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AREA M17W (25N-30N, 170E-170W)								
								DATA NUMBER MEAN OF DATA 12240 1.35 M
HEIGHT (M)	-5	6-7	8-9	PERIOD (SEC)		14-	CALM	TOTAL
				10-11	12-13			
0.00 -	1795	112	65	18	4	6	147	2148
0.75 -	4678	1374	715	104	82	60		7014
1.75 -	693	834	552	120	80	48		2327
2.75 -	112	175	164	32	20	3		507
3.75 -	6	45	44	4	4	3		106
4.75 -			3	7	1	2		13
5.75 -		1	1					2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -			1					1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							122	122
TOTAL	7284	2542	1547	285	191	122	269	12240
MAX	4.00	6.00	11.00	5.50	5.00	5.00	.00	11.00

AREA M21 (10N-20N, 150E-170E)								
								DATA NUMBER MEAN OF DATA 8004 1.32 M
HEIGHT (M)	-5	6-7	8-9	PERIOD (SEC)		14-	CALM	TOTAL
				10-11	12-13			
0.00 -	1354	49	49	15	4	13	108	1592
0.75 -	3044	914	492	72	52	47		4621
1.75 -	401	543	305	61	28	37		1375
2.75 -	49	120	96	21	19	3		308
3.75 -	5	22	21	11	1	1		61
4.75 -	1	1	2	2		1		7
5.75 -		2	4	1		2		9
6.75 -		1						1
7.75 -								
8.75 -						1		1
9.75 -								
10.75 -								
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							27	27
TOTAL	4854	1652	969	185	104	105	135	8004
MAX	5.00	7.00	6.00	12.00	4.50	9.00	.00	12.00

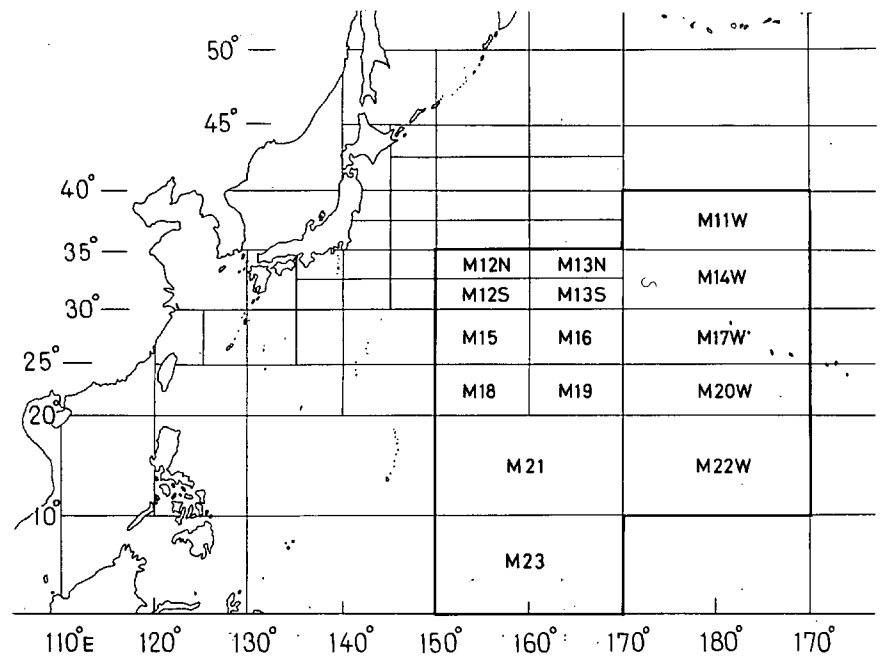
AREA M18 (20N-25N, 150E-160E)								
								DATA NUMBER MEAN OF DATA 3213 1.35 M
HEIGHT (M)	-5	6-7	8-9	PERIOD (SEC)		14-	CALM	TOTAL
				10-11	12-13			
0.00 -	517	18	12	8	5	1	76	637
0.75 -	1121	373	208	43	40	22		1807
1.75 -	170	189	115	40	20	5		539
2.75 -	29	51	37	22	20	3		162
3.75 -	3	7	11	1	1	2		25
4.75 -	1	3	7	2		2		15
5.75 -	1	2				3		6
6.75 -			1					1
7.75 -								
8.75 -						1		1
9.75 -		2						2
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							18	18
TOTAL	1842	645	391	116	86	39	94	3213
MAX	6.00	10.00	7.50	5.00	4.00	9.00	.00	10.00

AREA M22W (10N-20N, 170E-170W)								
								DATA NUMBER MEAN OF DATA 5483 1.48 M
HEIGHT (M)	-5	6-7	8-9	PERIOD (SEC)		14-	CALM	TOTAL
				10-11	12-13			
0.00 -	643	16	18	3	4	2	38	724
0.75 -	2150	521	345	45	47	20		3128
1.75 -	399	475	284	32	42	28		1260
2.75 -	70	111	86	15	22	20		324
3.75 -	1	14	16	1	2	5		39
4.75 -	1		5		1			7
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							1	1
TOTAL	3264	1137	754	96	118	75	39	5483
MAX	5.00	4.00	5.50	4.50	5.50	4.00	.00	5.50

AREA M19 (20N-25N, 160E-170E)								
								DATA NUMBER MEAN OF DATA 2561 1.32 M
HEIGHT (M)	-5	6-7	8-9	PERIOD (SEC)		14-	CALM	TOTAL
				10-11	12-13			
0.00 -	411	16	22	11			36	496
0.75 -	1060	270	138	16	17	14		1515
1.75 -	139	141	95	18	17	11		421
2.75 -	18	29	38	5	3	3		96
3.75 -	6	5	5	3		2		21
4.75 -								
5.75 -		2						2
6.75 -		1				2		3
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	1634	464	298	53	37	32	43	2561
MAX	4.50	7.00	4.50	4.50	3.50	7.50	.00	7.50

AREA M23 (00N-10N, 150E-170E)								
								DATA NUMBER MEAN OF DATA 6248 1.11 M
HEIGHT (M)	-5	6-7	8-9	PERIOD (SEC)		14-	CALM	TOTAL
				10-11	12-13			
0.00 -	1324	120	106	8	17	16	83	1674
0.75 -	2000	1127	481	61	57	36		3762
1.75 -	201	242	164	8	10	23		648
2.75 -	14	52	30	1	2			99
3.75 -		5	5					10
4.75 -								
5.75 -		1						1
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							53	53
TOTAL	3539	1548	786	78	86	75	136	6248
MAX	3.00	18.00	4.00	3.50	3.00	2.50	.00	18.00

AREA M20W (20N-25N, 170E-170W)								
								DATA NUMBER MEAN OF DATA 9428 1.40 M
HEIGHT (M)	-5	6-7	8-9	PERIOD (SEC)		14-	CALM	TOTAL
				10-11	12-13			
0.00 -	1146	65	22	11	1	2	34	1281
0.75 -	4048	1146	504	83	52	31		5864
1.75 -	583	625	463	101	44	20		1836
2.75 -	66	156	112	10	13	4		361
3.75 -	7	28	12	5	5	3		60
4.75 -			1	3		3		7
5.75 -	1							1
6.75 -								
7.75 -								
8.75 -						1		1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							17	17
TOTAL	5851	2020	1114	213	115	64	51	9428
MAX	6.00	4.50	5.00	5.00	4.50	9.00	.00	9.00



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AREA M24H		(00N-10N, 170E-170W)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		2232	
								1.60 M			
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL			
0.00 -	231	10	13	1			12	267			
0.75 -	642	294	125	30	10	7		1108			
1.75 -	131	292	188	31	7	4		653			
2.75 -	21	77	60	9	5			172			
3.75 -	1	2	16	5	1			25			
4.75 -				1	1			2			
5.75 -											
6.75 -											
7.75 -											
8.75 -											
9.75 -											
10.75 -											
11.75 -											
12.75 -											
13.75 -											
14.75 -											
CALM							5	5			
TOTAL	1026	675	402	77	24	11	17	2232			
MAX	4.00	4.00	4.50	5.50	5.00	2.50	.00	5.50			

AREA W04		(50N-55N, 150W-130W)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		16338	
								1.71 M		1.01 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL			
0.00 -	1210	175	85	58			52	1580			
0.75 -	3336	2553	1039	464	242	34	70	7738			
1.75 -	901	1699	1227	445	132	58	23	4485			
2.75 -	156	543	446	200	68	29	13	1455			
3.75 -	28	123	166	79	32	9	1	438			
4.75 -	9	25	53	36	14	7		144			
5.75 -		11	14	10	6	15		56			
6.75 -		4	2	5	7	13		31			
7.75 -		3		2	1			6			
8.75 -			1					1			
9.75 -					1			1			
10.75 -											
11.75 -											
12.75 -											
13.75 -											
14.75 -											
CALM	193	8	3				199	403			
TOTAL	5833	5144	3036	1299	503	165	358	16338			
MAX	5.50	8.00	9.00	8.50	10.00	7.50	4.00	10.00			

AREA W01		(55N-65N, 170W-160W)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		6465	
								1.33 M		.89 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL			
0.00 -	1116	140	41	33			5	1335			
0.75 -	1790	976	251	23	29	4	7	3080			
1.75 -	365	461	339	90	5	4		1264			
2.75 -	20	92	96	48	14	2	1	273			
3.75 -	6	11	35	27	12	9		100			
4.75 -			3	8	3			14			
5.75 -		4	8	8	1			21			
6.75 -			2					2			
7.75 -											
8.75 -											
9.75 -											
10.75 -											
11.75 -											
12.75 -											
13.75 -											
14.75 -											
CALM	269	4	6				97	376			
TOTAL	3566	1688	781	237	64	19	110	6465			
MAX	4.50	6.00	7.00	6.50	6.00	4.50	3.00	7.00			

AREA W05		(45N-50N, 170W-150W)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		12294	
								1.78 M		.99 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL			
0.00 -	738	172	42	35			28	1015			
0.75 -	2476	2209	683	158	174	27	54	5781			
1.75 -	718	1383	1044	287	101	32	28	3593			
2.75 -	104	429	447	141	59	16	8	1204			
3.75 -	7	97	187	53	41	14	3	402			
4.75 -	3	21	32	19	4	2		81			
5.75 -		4	16	6	8	5		39			
6.75 -		1	2	1	5			9			
7.75 -		1	3	1		3		8			
8.75 -			2	1		1		4			
9.75 -			1	1				2			
10.75 -											
11.75 -			1					1			
12.75 -											
13.75 -											
14.75 -											
CALM	91	9	2				53	155			
TOTAL	4137	4326	2462	703	392	100	174	12294			
MAX	5.50	8.00	12.00	10.00	7.50	9.50	4.50	12.00			

AREA W02		(55N-65N, 160W-130W)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		10138	
								1.31 M		.95 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL			
0.00 -	1358	227	82	72			24	1763			
0.75 -	2565	1264	531	123	153	24	42	4702			
1.75 -	535	717	330	130	68	58	19	1857			
2.75 -	92	240	131	52	27	17	2	561			
3.75 -	17	35	40	20	15	6		133			
4.75 -	1	11	7	5	3	3	1	31			
5.75 -		3	3			7		13			
6.75 -		1	3	5	2			11			
7.75 -			2					2			
8.75 -				1				1			
9.75 -											
10.75 -											
11.75 -											
12.75 -											
13.75 -											
14.75 -											
CALM	477	1	1				585	1064			
TOTAL	5045	2499	1130	408	268	115	673	10138			
MAX	5.00	7.50	8.00	9.50	7.50	6.50	5.50	9.50			

AREA W06		(45N-50N, 150W-130W)		PERIOD (SEC)		DATA MEAN S.D.		NUMBER OF DATA OF DATA		14180 1.66 M .96 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL			
0.00 -	1068	190	90	58			28	1434			
0.75 -	3312	2386	796	237	187	33	83	7034			
1.75 -	754	1578	983	308	90	50	30	3793			
2.75 -	119	391	406	160	35	13	8	1132			
3.75 -	16	93	146	52	17	3		327			
4.75 -	1	29	35	12	4	4	1	86			
5.75 -		4	14	13	5	2	2	40			
6.75 -		7	3		3			13			
7.75 -		7	1	2				10			
8.75 -						3		3			
9.75 -											
10.75 -											
11.75 -											
12.75 -											
13.75 -											
14.75 -											
CALM	147	4	2				155	308			
TOTAL	5417	4689	2476	842	341	108	307	14180			
MAX	5.00	8.50	8.50	8.00	7.50	9.50	6.00	9.50			

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AREA W08 (40N-45N, 170W-150W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA S.D. OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	12309 1.84 M 1.93 M
0.00 -	1001	157	54	53			18	1283
0.75 -	2528	2251	763	198	141	36	89	6006
1.75 -	583	1327	1008	246	72	50	30	3316
2.75 -	94	332	349	140	56	19	10	1000
3.75 -	12	56	102	59	26	7		262
4.75 -	2	8	19	12	10	1		52
5.75 -		4	6	1	3	4		18
6.75 -				3	1			4
7.75 -			1			7		8
8.75 -			1	1				2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	195	10	1				152	358
TOTAL	4415	4145	2304	713	309	124	299	12309
MAX	5.00	6.00	9.00	9.00	7.50	8.50	3.50	9.00

AREA W12 (35N-40N, 150W-130W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA S.D. OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	21315 1.39 M 1.77 M
0.00 -	2459	295	141	213			116	3224
0.75 -	5462	3856	1373	381	281	74	184	11611
1.75 -	1015	1809	1170	364	86	90	61	4595
2.75 -	104	323	257	161	40	26	10	921
3.75 -	13	49	43	35	13	10	4	167
4.75 -	4	7	6	5	6	2		30
5.75 -		1	3			4		8
6.75 -			1					1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	368	15	2				373	758
TOTAL	9425	6355	2996	1159	426	206	748	21315
MAX	5.50	6.50	7.00	5.00	5.50	6.00	4.00	7.00

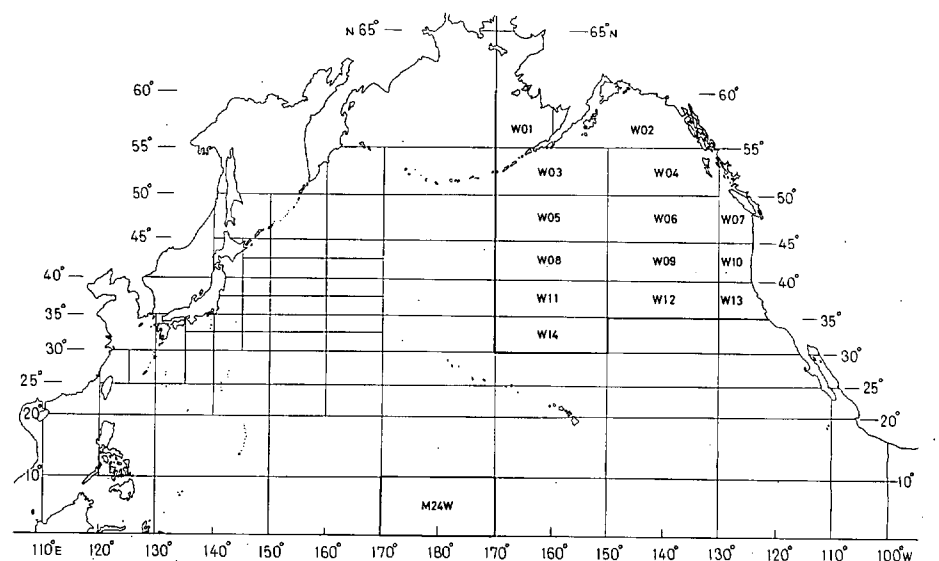
AREA W09 (40N-45N, 150W-130W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA S.D. OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	13753 1.48 M 1.83 M
0.00 -	1476	167	58	38			55	1794
0.75 -	3545	2532	832	191	144	29	89	7362
1.75 -	718	1269	858	224	74	37	25	3205
2.75 -	81	288	245	86	35	24	5	764
3.75 -	22	42	56	32	18	8	1	179
4.75 -	8	6	10	9	1			34
5.75 -		3		6		3		12
6.75 -		5		1	1			7
7.75 -					1			1
8.75 -				1				1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	204	7	1		1		181	394
TOTAL	6054	4319	2060	588	275	101	356	13753
MAX	5.50	7.50	5.50	9.00	8.00	6.00	4.00	9.00

AREA W13 (35N-40N, 130W-110W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA S.D. OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	14890 1.67 M 1.96 M
0.00 -	1222	175	66	55			69	1587
0.75 -	3713	2071	783	199	111	26	92	6995
1.75 -	1182	1487	920	304	95	54	51	4093
2.75 -	187	476	417	186	57	30	11	1364
3.75 -	35	105	122	57	26	15	3	363
4.75 -	12	22	19	25	3	7	2	90
5.75 -		10	9	7	1	7		34
6.75 -		1	3	1	1	1		7
7.75 -					1			1
8.75 -						1		1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	193	1			1		160	355
TOTAL	6544	4348	2339	834	296	141	388	14890
MAX	5.50	7.00	7.50	7.00	8.00	9.50	5.00	9.50

AREA W10 (40N-45N, 130W-110W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA S.D. OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	7851 1.49 M 1.88 M
0.00 -	705	240	123	68			15	1151
0.75 -	1935	1289	685	172	79	24	45	4229
1.75 -	477	603	356	111	35	36	13	1631
2.75 -	94	177	137	46	23	12	6	495
3.75 -	33	35	33	15	7	1		124
4.75 -	7	11	15	5	8	2		48
5.75 -		4	1			1		6
6.75 -								
7.75 -			1					1
8.75 -								
9.75 -						1		1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	79		1				85	165
TOTAL	3330	2359	1352	417	152	77	164	7851
MAX	5.50	6.50	8.00	5.50	5.50	10.00	3.50	10.00

AREA W14 (30N-35N, 170W-150W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA S.D. OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	12161 1.92 M 1.78 M
0.00 -	1359	188	78	74			45	1744
0.75 -	3466	1910	735	251	155	49	129	6695
1.75 -	708	952	608	220	78	61	25	2652
2.75 -	98	174	169	64	33	13	7	558
3.75 -	14	26	24	19	12	5	3	103
4.75 -	4	3	4	1	2	6		20
5.75 -		6						6
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	192	3	1				187	383
TOTAL	5841	3262	1619	629	280	134	396	12161
MAX	5.50	6.00	5.50	5.50	5.50	5.00	4.00	6.00

AREA W11 (35N-40N, 170W-150W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA S.D. OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	15496 1.43 M 1.82 M
0.00 -	1835	237	89	51			40	2252
0.75 -	4081	2560	893	295	219	58	186	8292
1.75 -	758	1274	798	272	135	80	70	3387
2.75 -	83	226	279	115	49	26	12	790
3.75 -	14	39	51	26	15	5	2	152
4.75 -	7	8	14	7	6			42
5.75 -		3	1	2	4	1		11
6.75 -			2		1		1	4
7.75 -			1					1
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	289	12			2		262	565
TOTAL	7067	4359	2128	768	431	170	573	15496
MAX	5.00	6.50	8.50	6.00	7.00	6.00	7.00	8.50



WAVE HEIGHT - PERIOD

SEASON SUMMER

AREA W15								
(30N-35N, 150W-130W)								
			PERIOD (SEC)		DATA NUMBER		MEAN OF DATA	
					S.D. OF DATA		1.34 M	
							1.74 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2458	381	163	81			83	3166
0.75 -	6138	3964	1612	455	275	52	188	12684
1.75 -	936	1620	974	314	121	115	63	4143
2.75 -	107	226	220	103	39	31	17	743
3.75 -	16	35	36	18	14	4	1	124
4.75 -	2	16	10	4	3			35
5.75 -		3	3	1		1		8
6.75 -		2	1					3
7.75 -				1				1
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	410	10	1				408	829
TOTAL	10067	6257	3020	977	452	203	760	21736
MAX	5.50	7.50	7.00	8.50	5.50	6.00	4.50	8.50

AREA W19								
(25N-30N, 130W-110W)								
			PERIOD (SEC)		DATA NUMBER		MEAN OF DATA	
					S.D. OF DATA		1.36 M	
							1.76 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1656	215	86	66			40	2063
0.75 -	4004	2271	815	248	175	40	68	7621
1.75 -	580	1093	625	236	109	58	18	2719
2.75 -	82	180	163	73	24	13	5	540
3.75 -	12	37	21	18	6	3		97
4.75 -	3	4	13	3	4			27
5.75 -		3	1	1		1		6
6.75 -		1	1					2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	232	4	4				247	487
TOTAL	6569	3808	1729	645	318	115	378	13562
MAX	5.00	7.00	7.00	6.00	5.00	5.00	3.00	7.00

AREA W16								
(30N-35N, 130W-110W)								
			PERIOD (SEC)		DATA NUMBER		MEAN OF DATA	
					S.D. OF DATA		1.20 M	
							1.82 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	4923	763	271	143			111	6211
0.75 -	6087	3102	1022	261	157	24	65	10718
1.75 -	1092	1419	770	271	67	44	20	3683
2.75 -	132	299	281	97	40	16	4	869
3.75 -	28	77	60	50	13	7	1	236
4.75 -	2	9	13	5	3		2	34
5.75 -		2	4		1	2		9
6.75 -		2		1	2			5
7.75 -			1					1
8.75 -								
9.75 -				1				1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	572	9	12				626	1219
TOTAL	12836	5682	2434	829	283	93	829	22986
MAX	5.50	7.50	8.00	10.50	7.50	6.00	5.00	10.50

AREA W20								
(20N-25N, 170W-150W)								
			PERIOD (SEC)		DATA NUMBER		MEAN OF DATA	
					S.D. OF DATA		1.48 M	
							1.73 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1865	240	80	44			35	2264
0.75 -	7142	3558	1085	303	124	32	136	12380
1.75 -	1497	2037	1075	314	140	77	72	5212
2.75 -	156	323	250	91	61	24	8	913
3.75 -	24	59	49	42	11		2	187
4.75 -	1	7	6	5	2	2	1	24
5.75 -		1		2				3
6.75 -		2	1					3
7.75 -				1				1
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	130	6	2		1		112	251
TOTAL	10815	6233	2548	802	339	135	366	21238
MAX	5.00	7.00	7.00	8.00	5.50	5.00	5.50	8.00

AREA W17								
(25N-30N, 170W-150W)								
			PERIOD (SEC)		DATA NUMBER		MEAN OF DATA	
					S.D. OF DATA		1.49 M	
							1.75 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	670	74	22	14			19	799
0.75 -	2109	1220	474	116	71	9	66	4065
1.75 -	369	682	470	118	47	17	28	1731
2.75 -	38	124	108	39	19	7	5	340
3.75 -	6	15	32	11	10	2		76
4.75 -	1	3	2		2			8
5.75 -				2				2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	65		2				50	117
TOTAL	3258	2118	1110	300	149	35	168	7138
MAX	5.50	5.00	5.50	6.50	5.50	4.00	3.50	6.50

AREA W21								
(20N-25N, 150W-130W)								
			PERIOD (SEC)		DATA NUMBER		MEAN OF DATA	
					S.D. OF DATA		1.59 M	
							1.72 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	473	35	27	13			9	557
0.75 -	2171	1095	377	73	81	23	44	3864
1.75 -	580	826	455	141	35	25	15	2077
2.75 -	72	143	126	38	11	6	2	398
3.75 -	9	17	17	17	3	1		64
4.75 -		2	1	1	1			5
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	24						14	38
TOTAL	3329	2118	1003	283	131	55	84	7003
MAX	4.50	5.50	5.00	5.00	5.00	4.00	3.00	5.50

AREA W18								
(25N-30N, 150W-130W)								
			PERIOD (SEC)		DATA NUMBER		MEAN OF DATA	
					S.D. OF DATA		1.36 M	
							1.71 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1809	273	131	57			49	2319
0.75 -	5308	2824	1053	302	200	33	135	9855
1.75 -	844	1280	781	175	81	53	66	3280
2.75 -	61	181	196	59	28	23	8	556
3.75 -	4	28	26	6	7	4		75
4.75 -		6	8		3	7		24
5.75 -		3	5	1		2		11
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	225	3	2				183	413
TOTAL	8251	4598	2202	600	319	122	441	16533
MAX	4.50	6.00	6.00	6.00	5.00	6.00	3.50	6.00

AREA W22	
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WAVE HEIGHT - PERIOD

SEASON SUMMER

AREA W23 (10N-20N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	369	78	16	8			3	474
0.75 -	1966	1093	418	129	106	20	38	3370
1.75 -	484	901	626	197	43	29	32	2312
2.75 -	57	116	137	66	22	7	10	415
3.75 -	7	35	26	15	9	2	2	96
4.75 -	2	2	1	7		2	1	15
5.75 -				1		1		2
6.75 -		1	1					2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	41	3	1				23	68
TOTAL	2526	2229	1226	423	180	61	109	6754
MAX	5.00	7.50	7.00	6.00	4.50	6.00	5.50	7.50

AREA W27 (00N-10N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	103	6	3	6			7	125
0.75 -	473	329	120	28	28	12	25	1015
1.75 -	75	146	113	50	7	11	3	405
2.75 -	5	57	44	8	8	8		130
3.75 -		15	3	3				21
4.75 -	1							1
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	15		1				8	24
TOTAL	672	553	284	95	43	31	43	1721
MAX	5.00	4.00	4.00	4.50	3.50	3.50	2.50	5.00

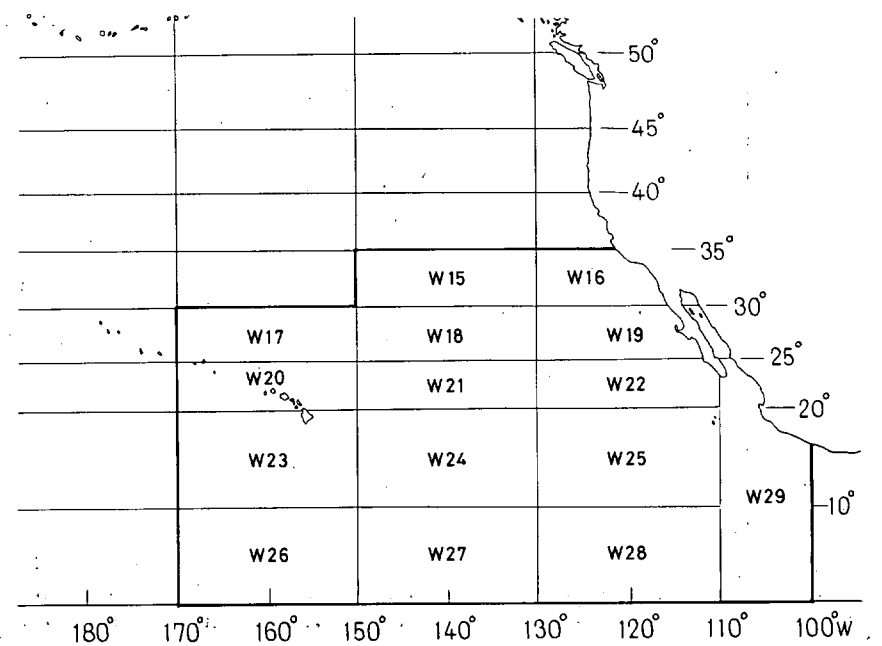
AREA W24 (10N-20N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	294	35	7	16			6	358
0.75 -	1940	1058	396	115	83	37	65	3694
1.75 -	707	813	568	236	49	44	43	2460
2.75 -	47	140	91	32	16	4	1	331
3.75 -	2	34	44	7	4	1		92
4.75 -		7		1	1	1		10
5.75 -					1	1		2
6.75 -		1						1
7.75 -						1		1
8.75 -								
9.75 -								
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM	36						17	53
TOTAL	3026	2088	1107	407	154	89	132	7003
MAX	4.00	7.50	12.00	5.50	6.00	8.50	3.00	12.00

AREA W28 (00N-10N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	117	9	4	26			4	160
0.75 -	394	290	124	30	20	6	27	891
1.75 -	75	168	166	62	7	14	18	510
2.75 -	6	45	63	18	10	6		148
3.75 -		4	1			2		7
4.75 -					1			1
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	11						13	24
TOTAL	603	516	358	136	38	28	62	1741
MAX	3.50	4.00	4.00	3.50	5.00	4.50	2.50	5.00

AREA W25 (10N-20N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	1059	107	29	25			24	1244
0.75 -	3224	1663	640	224	177	51	93	6072
1.75 -	673	1068	613	176	67	66	66	2729
2.75 -	79	211	170	80	29	17	11	597
3.75 -	16	30	66	32	12	5	1	162
4.75 -	4	5	11	4	1	1	2	28
5.75 -		1	2		3	2	1	9
6.75 -			4			1		5
7.75 -		1						1
8.75 -						2		2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	125		1				87	213
TOTAL	5180	3086	1536	541	289	145	285	11062
MAX	5.50	8.00	7.50	5.00	6.00	9.50	6.00	9.50

AREA W29 (00N-35N, 110W-100W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	3398	476	180	163			113	4330
0.75 -	5613	3806	1680	590	446	127	254	12516
1.75 -	850	1390	944	357	172	112	82	3907
2.75 -	125	283	308	122	73	48	10	969
3.75 -	49	87	89	40	19	9	1	294
4.75 -	11	17	25	8	4	8		73
5.75 -		3	3	3	2	6		17
6.75 -				1				1
7.75 -								
8.75 -			4					4
9.75 -							1	1
10.75 -			1					1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	755	18	8		1		858	1640
TOTAL	10801	6080	3242	1284	717	310	1319	23753
MAX	5.00	6.00	11.00	7.50	6.00	6.50	10.00	11.00

AREA W26 (00N-10N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	186	55	14	2			17	274
0.75 -	552	289	119	16	19	4	42	1041
1.75 -	81	219	106	36	13	6	21	482
2.75 -	2	39	35	20	9	3		108
3.75 -		4	13	9				26
4.75 -		1						1
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	13						12	25
TOTAL	834	607	287	83	41	13	92	1957
MAX	3.00	5.00	4.50	4.50	3.00	3.50	2.50	5.00



AREA	E01-E23,M03-M24W,M03-W28 (00N-55N, 110E-110W)						DATA MEAN	NUMBER OF DATA	894015 1.99 M
	PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	69862	5492	2379	1519	153	168	3471	83044	
0.75 -	208826	90043	38871	8594	5372	2123	2191	356020	
1.75 -	72833	84755	65174	19079	7525	3504	1429	254299	
2.75 -	20094	37456	36578	13707	7972	2674	494	118875	
3.75 -	4526	10695	16758	6350	4467	2161	215	45172	
4.75 -	703	2650	5190	2157	1653	654	48	13055	
5.75 -	205	1024	2049	1193	1231	694	17	6413	
6.75 -	146	1310	1080	693	711	448	7	4395	
7.75 -	62	211	375	297	411	218	3	1577	
8.75 -	40	103	210	168	205	198	7	931	
9.75 -	3	55	180	83	139	87	3	550	
10.75 -	2	6	13	14	21	15		71	
11.75 -		13	23	104	16	29		185	
12.75 -		1	9	6	2	3		21	
13.75 -		3	1	4	6	1		15	
14.75 -	1	13	6	4	26	21		71	
CALM	3464	67	24		3		5753	9321	
TOTAL	380767	233897	168920	53972	29813	12998	13648	894015	
MAX	16.00	20.00	20.00	15.00	17.50	20.00	10.00	20.00	

AREA E03		DATA NUMBER		825				
(40N-45N, 140E-145E)		MEAN OF DATA		1.59 M				
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	97	3	21	1		1	2	125
0.75 -	246	105	70	31	5	2		459
1.75 -	67	50	21	4	2	1		155
2.75 -	13	14	9	2	1	1		39
3.75 -	13	7	5	2	2	1		30
4.75 -		3	2		1	1		7
5.75 -		2	1		2			5
6.75 -		1			1	1		3
7.75 -	1							1
8.75 -								
9.75 -		1						1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM								
TOTAL	437	196	128	40	14	8	2	825
MAX	8.50	10.00	6.00	4.00	7.00	7.50	0.00	10.00

AREA E01						DATA NUMBER		169
(45N-50N, 140E-150E)				PERIOD (SEC)		MEAN OF DATA		2.02 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	9	1	1					11
0.75 -	25	28	4					57
1.75 -	12	23	21			1		57
2.75 -	12	20	1	1				34
3.75 -	2	3	2					7
4.75 -								
5.75 -								
6.75 -		1						1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	60	76	29	1		1	2	169
MAX	4.00	7.00	4.00	3.00		2.00	.00	7.00

AREA E04N							DATA NUMBER	1081
(42.5N-45N, 145E-150E)		PERIOD (SEC)					MEAN OF DATA	1.93 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	90	13	4				10	117
0.75 -	294	105	27	10	5	1		442
1.75 -	86	79	75	18	8	5		271
2.75 -	34	55	29	9	8	3		138
3.75 -	6	17	26	10	11	5		75
4.75 -		6	7	3	3	1		20
5.75 -			3		2			5
6.75 -		1	1		1	8		11
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	510	276	172	50	38	23	12	1081
MAX	4.00	7.00	7.00	5.50	7.00	7.50	.00	7.50

AREA E02N		PERIOD (SEC)						DATA MEAN	NUMBER OF DATA	799
(40N-50N, 120E-140E)										1.60 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	191	19	6	2			17	235		
0.75 -	235	37	6	4		2		334		
1.75 -	44	53	12	1		2		112		
2.75 -	19	24	8	1	1			53		
3.75 -	9	12	7	1		1		30		
4.75 -	1	6	2		1			10		
5.75 -		1	3					4		
6.75 -		1						1		
7.75 -										
8.75 -										
9.75 -		1	7	1				9		
10.75 -		1	2					3		
11.75 -			2	1	1			4		
12.75 -										
13.75 -										
14.75 -										
CALM							4	4		
TOTAL	499	205	55	11	3	5	21	799		
MAX	5.00	11.00	12.50	12.00	12.00	4.50	.00	12.50		

AREA E04S						DATA NUMBER		3227
(40N-42.5N, 145E-150E)				PERIOD (SEC)		MEAN OF DATA		2.15 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	192	13	6	1			7	219
0.75 -	765	290	140	19	21	9		1244
1.75 -	315	336	205	58	19	5		939
2.75 -	122	170	132	43	28	4		499
3.75 -	20	49	83	21	15	4		192
4.75 -	4	18	22	8	4	1		57
5.75 -	2	8	6	7	4	4		31
6.75 -		13	8	2		4		27
7.75 -		1	7					8
8.75 -		2	2		3			7
9.75 -			2					2
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							1	1
TOTAL	1420	900	614	160	94	31	8	3227
MAX	6.50	9.50	10.00	12.00	9.50	7.00	.00	12.00

AREA EQ2S		(35N-40N, 120E-140E)					DATA MEAN	NUMBER OF DATA	6087 1.51 M
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL	
	-5	6-7	8-9	10-11	12-13	14-			
0.00 -	1188	43	13	4	2		71	1321	
0.75 -	2051	400	98	22	20	22		2613	
1.75 -	490	545	134	18	19	15		1221	
2.75 -	87	224	147	23	14	14		509	
3.75 -	12	48	99	25	7	6		197	
4.75 -	1	12	9	6	6	2		35	
5.75 -	2	1	10	1	1			15	
6.75 -		6			1	1		8	
7.75 -		1	2	3	2	1		9	
8.75 -					1			1	
9.75 -			1					1	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							157	157	
TOTAL	3831	1280	512	102	73	61	228	6087	
MAX	6.00	8.00	10.00	8.00	9.00	8.00	.00	10.00	

AREA E05N							DATA NUMBER	2794
(37.5N-40N, 140E-145E)		PERIOD (SEC)					MEAN OF DATA	1.59 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	427	22	6	8			19	482
0.75 -	815	259	60	24	10	10		1178
1.75 -	235	239	111	22	12	2		621
2.75 -	49	72	97	13	18	3		252
3.75 -	14	29	42	8	4	4		101
4.75 -		2	12	2	1	1		18
5.75 -		4	7	2				13
6.75 -		5		1		1		7
7.75 -				2				2
8.75 -			1					1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							119	119
TOTAL	1540	632	336	82	45	21	138	2794
MAX	4.50	7.00	9.00	8.00	5.00	7.50	.00	9.00

WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA E05S (35N-37.5N, 140E-145E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	4693 2.00 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	352	14	10	8			16	400
0.75 -	1273	357	146	30	24	16		1846
1.75 -	537	486	280	56	29	19		1407
2.75 -	127	207	206	48	26	11		625
3.75 -	25	73	105	35	14	12		264
4.75 -	5	15	27	18	3			68
5.75 -	2	11	8	10	2			33
6.75 -		10	5	2		3		20
7.75 -				2		2		4
8.75 -				1		1		2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							24	24
TOTAL	2321	1173	787	210	98	64	40	4693
MAX	6.50	7.00	7.50	9.00	6.00	9.00	.00	9.00

AREA E08 (30N-35N, 130E-135E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	6970 1.57 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1209	33	41	4	2	6	72	1367
0.75 -	2301	557	196	44	28	16		3142
1.75 -	610	483	262	46	38	18		1457
2.75 -	185	194	169	45	35	14		642
3.75 -	45	50	61	17	13	5		191
4.75 -	2	15	16	6	6	1		46
5.75 -	1	3	8	1		1		14
6.75 -	1	7	4	1	3			16
7.75 -	1		3	1				5
8.75 -			7		1			8
9.75 -			1	1	1			3
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							79	79
TOTAL	4355	1342	768	166	127	61	151	6970
MAX	8.00	7.00	10.00	10.00	10.00	6.50	.00	10.00

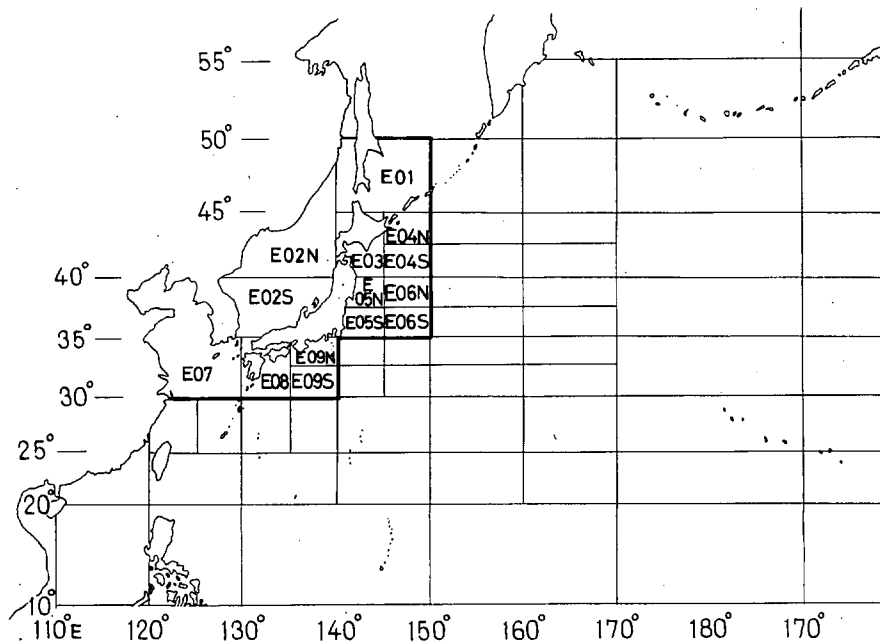
AREA E06N (37.5N-40N, 145E-150E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	7159 2.17 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	378	17	6	1			6	408
0.75 -	1670	627	204	54	23	10		2588
1.75 -	782	779	591	117	38	22		2329
2.75 -	260	405	315	118	42	19		1159
3.75 -	26	129	172	53	41	13		434
4.75 -	3	28	50	14	6	2		103
5.75 -	3	5	11	18	5	9		51
6.75 -	2	17	9	5	3	3		39
7.75 -	1	6	4	1	7	5		24
8.75 -		4	3	2		1		10
9.75 -			1	5				6
10.75 -								
11.75 -								
12.75 -								
13.75 -		1						1
14.75 -	1							1
CALM							6	6
TOTAL	3126	2018	1366	388	165	84	12	7159
MAX	16.00	14.50	10.00	10.00	8.50	9.00	.00	16.00

AREA E09N (32.5N-35N, 135E-140E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	4516 1.60 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	859	29	21	3	1	1	36	950
0.75 -	1356	316	167	31	14	3		1887
1.75 -	516	267	140	41	16	9		989
2.75 -	159	124	98	27	15	5		428
3.75 -	36	27	60	13	12	7		155
4.75 -	2	13	11	7	5	1		39
5.75 -	1	6	2	4	2			15
6.75 -		6	2	3		1		12
7.75 -		2	1	1	1			5
8.75 -			1	1				2
9.75 -			1					1
10.75 -								
11.75 -				3				3
12.75 -								
13.75 -								
14.75 -								
CALM							30	30
TOTAL	2929	730	504	134	66	27	66	4516
MAX	6.00	8.50	10.00	12.00	8.00	7.00	.00	12.00

AREA E06S (35N-37.5N, 145E-150E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	6031 2.24 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	258	8	5	4		2	16	293
0.75 -	1399	418	193	27	11	10		2058
1.75 -	715	672	475	104	35	18		2019
2.75 -	205	364	302	93	55	10		1029
3.75 -	59	108	161	54	34	9		425
4.75 -	8	23	42	4	9	6		92
5.75 -	5	6	5	4	5	3		28
6.75 -	5	24	11	4	7			51
7.75 -		5	9	1	2			17
8.75 -	1	1	3		3	1		9
9.75 -			1					1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							9	9
TOTAL	2655	1629	1207	295	161	59	25	6031
MAX	9.00	9.00	10.00	8.00	9.00	9.00	.00	10.00

AREA E09S (30N-32.5N, 135E-140E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	4867 1.94 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	419	26	14				17	476
0.75 -	1324	488	252	30	15	8		2117
1.75 -	459	434	310	52	31	14		1300
2.75 -	97	197	173	44	46	20		577
3.75 -	32	53	101	33	22	9		250
4.75 -	3	12	19	2	15	3		54
5.75 -	5	4	10	2	14	9		44
6.75 -	1	4	3	1	1	5		15
7.75 -		1	2	1	12	2		18
8.75 -	2			1		1		4
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							12	12
TOTAL	2342	1219	884	166	156	71	29	4867
MAX	9.00	8.50	8.00	9.00	8.50	9.50	.00	9.50

AREA E07 (30N-40N, 120E-130E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	5843 1.48 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1110	34	23	5	2	2	54	1230
0.75 -	2180	443	127	25	30	31		2836
1.75 -	532	346	159	27	20	15		1099
2.75 -	125	151	97	23	11	6		413
3.75 -	37	46	33	4	7	5		132
4.75 -	7	7	12	7		2		35
5.75 -	2	5	7		1	1		16
6.75 -	1	8	3		1	2		15
7.75 -		2				3		5
8.75 -				1	2			3
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							59	59
TOTAL	3994	1042	461	92	74	67	113	5843
MAX	7.00	8.50	7.50	9.00	9.50	8.50	.00	9.50



WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA E10N		DATA NUMBER						
(32.5N-35N, 140E-145E)		MEAN OF DATA						
		5418						
		2.19 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	301	7	1	4	1		16	330
0.75 -	1406	371	157	24	24	16		1998
1.75 -	725	436	343	62	21	24		1611
2.75 -	259	267	266	75	42	23		932
3.75 -	55	86	148	36	15	13		353
4.75 -	6	20	44	8	12	3		93
5.75 -	6	5	12	4	3	4		34
6.75 -	1	15	11	2	5	4		38
7.75 -		3	3		3	4		13
8.75 -	1	2	2		1			6
9.75 -				1				1
10.75 -						1		1
11.75 -			1	2		2		5
12.75 -					1			1
13.75 -								
14.75 -								
CALM							2	2
TOTAL	2760	1212	988	218	128	94	18	5418
MAX	9.00	9.00	12.50	12.00	13.00	12.50	.00	13.00

AREA E12W		DATA NUMBER						
(25N-30N, 120E-125E)		MEAN OF DATA						
		8211						
		1.93 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	964	19	16	5	4	2	81	1091
0.75 -	2427	639	165	25	25	31		3312
1.75 -	907	669	359	64	33	21		2053
2.75 -	347	321	241	58	43	8		1018
3.75 -	121	106	124	49	15	9		424
4.75 -	19	40	38	11	11	3		122
5.75 -	7	20	24	17	12	2		82
6.75 -	8	15	19	5	9	4		60
7.75 -		9		3	2	1		15
8.75 -		1	4			2		7
9.75 -						1		1
10.75 -						1		1
11.75 -				1	1	1		3
12.75 -								
13.75 -								
14.75 -								
CALM							22	22
TOTAL	4800	1839	990	238	155	86	103	8211
MAX	7.00	9.00	9.50	12.00	12.50	12.00	.00	12.50

AREA E10S		DATA NUMBER						
(30N-32.5N, 140E-145E)		MEAN OF DATA						
		2866						
		2.08 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	158	8	9	3		1	11	190
0.75 -	630	324	188	13	4	3		1162
1.75 -	227	261	288	53	13	7		849
2.75 -	59	113	147	59	24	11		413
3.75 -	24	27	63	27	20	5		166
4.75 -	2	14	22	3	5	3		49
5.75 -	1	1	4	2	6	4		18
6.75 -		3	3	1	3			10
7.75 -								
8.75 -				2				2
9.75 -								
10.75 -								
11.75 -			2					2
12.75 -								
13.75 -								
14.75 -		1				1		2
CALM							3	3
TOTAL	1101	752	726	163	75	35	14	2866
MAX	6.00	15.00	12.00	9.00	7.50	15.00	.00	15.00

AREA E12E		DATA NUMBER						
(25N-30N, 125E-130E)		MEAN OF DATA						
		12890						
		1.74 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1579	72	16	13	4	9	66	1759
0.75 -	4293	1137	335	42	51	30		5888
1.75 -	1339	1123	622	119	63	12		3278
2.75 -	360	412	319	92	58	20		1261
3.75 -	60	125	132	57	36	18		428
4.75 -	4	10	41	17	18	7		97
5.75 -	1	4	21	8	29	4		67
6.75 -	1	9	16	8	7			41
7.75 -	1	3	4	3				11
8.75 -		1		1	2	3		7
9.75 -					4	4		8
10.75 -								
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							43	43
TOTAL	7638	2896	1506	362	272	107	109	12890
MAX	8.50	9.00	8.50	12.00	10.50	10.00	.00	12.00

AREA E11N		DATA NUMBER						
(32.5N-35N, 145E-150E)		MEAN OF DATA						
		6411						
		2.35 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	256	11	1	5		2	18	293
0.75 -	1406	389	212	21	17	10		2055
1.75 -	795	537	523	105	36	27		2023
2.75 -	283	381	427	88	41	12		1232
3.75 -	61	117	232	51	25	12		498
4.75 -	13	36	50	23	18	7		147
5.75 -	3	14	6	2	14	9		48
6.75 -	3	31	18	8	10	2		72
7.75 -	6	2	4	2	6	5		25
8.75 -				1	2	1		4
9.75 -			4	1	5			10
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							3	3
TOTAL	2826	1518	1477	308	174	87	21	6411
MAX	8.00	8.00	10.00	12.00	10.00	9.00	.00	12.00

AREA E13W		DATA NUMBER						
(25N-30N, 130E-135E)		MEAN OF DATA						
		15188						
		1.92 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1341	70	25	9	4	1	61	1511
0.75 -	4332	1611	861	124	74	24		7026
1.75 -	1218	1291	1194	297	126	23		4149
2.75 -	275	528	493	197	124	16		1623
3.75 -	75	120	162	90	76	23		546
4.75 -	6	29	55	37	21	6		154
5.75 -	11	13	18	18	12	7		79
6.75 -	8	13	8	3	4	5		41
7.75 -	1	1	4	2	3	1		12
8.75 -		2	2	3	1	1		9
9.75 -			1					1
10.75 -								
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							35	35
TOTAL	7267	3678	2813	782	445	107	96	15188
MAX	8.00	9.50	10.00	12.00	9.00	9.00	.00	12.00

AREA E11S		DATA NUMBER						
(30N-32.5N, 145E-150E)		MEAN OF DATA						
		3036						
		2.20 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	156	4	6	1			6	173
0.75 -	634	261	160	10	13	6		1084
1.75 -	304	301	278	51	17	10		961
2.75 -	90	156	183	41	27	6		503
3.75 -	14	52	91	20	16	7		200
4.75 -	3	16	23	6	12	4		64
5.75 -		5	6	5	3	3		22
6.75 -	1	7	5		2	1		16
7.75 -				1	2	2		5
8.75 -	1	1	1	1	1			5
9.75 -					1			1
10.75 -					1			1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							1	1
TOTAL	1203	803	753	136	95	39	7	3036
MAX	9.00	9.00	9.00	9.00	11.50	8.00	.00	11.50

WAVE HEIGHT - PERIOD

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AREA E14 (25N-30N, 140E-150E)		PERIOD (SEC)					DATA NUMBER MEAN OF DATA		8891 1.87 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	755	29	41	6	2	5	63	901	
0.75 -	2269	966	537	66	52	29		3919	
1.75 -	713	824	711	148	72	27		2495	
2.75 -	177	292	352	107	97	31		1056	
3.75 -	30	58	135	36	43	20		322	
4.75 -	7	20	31	15	8	8		89	
5.75 -	1	4	16	2	6	7		36	
6.75 -	3	3	3	2	7	6		24	
7.75 -		1		7	5			13	
8.75 -				3	3	1		7	
9.75 -			7		1			8	
10.75 -									
11.75 -			1					1	
12.75 -									
13.75 -									
14.75 -									
CALM							20	20	
TOTAL	3955	2197	1834	392	296	134	83	8891	
MAX	7.00	8.00	12.00	9.50	10.00	9.00	.00	12.00	

AREA E18						DATA NUMBER		9924	
(20N-25N, 140E-150E)				PERIOD (SEC)		MEAN OF DATA		1.96 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	649	32	25	10	3	6	49	774	
0.75 -	2446	1130	579	78	65	47		4345	
1.75 -	773	992	846	220	113	40		2984	
2.75 -	217	328	378	128	116	27		1194	
3.75 -	36	62	142	56	51	14		361	
4.75 -	4	28	37	10	6	6		91	
5.75 -	3	16	16	5	13	8		61	
6.75 -	3	8	8	5	8	10		42	
7.75 -	1	5	2	18	10	4		40	
8.75 -				1	2			3	
9.75 -		1	9		1	1		12	
10.75 -									
11.75 -				2	1	2		5	
12.75 -				1				1	
13.75 -						1		1	
14.75 -						2		2	
CALM							8	8	
TOTAL	4132	2602	2042	534	389	168	57	9924	
MAX	8.00	10.00	10.00	13.00	12.00	15.00	.00	15.00	

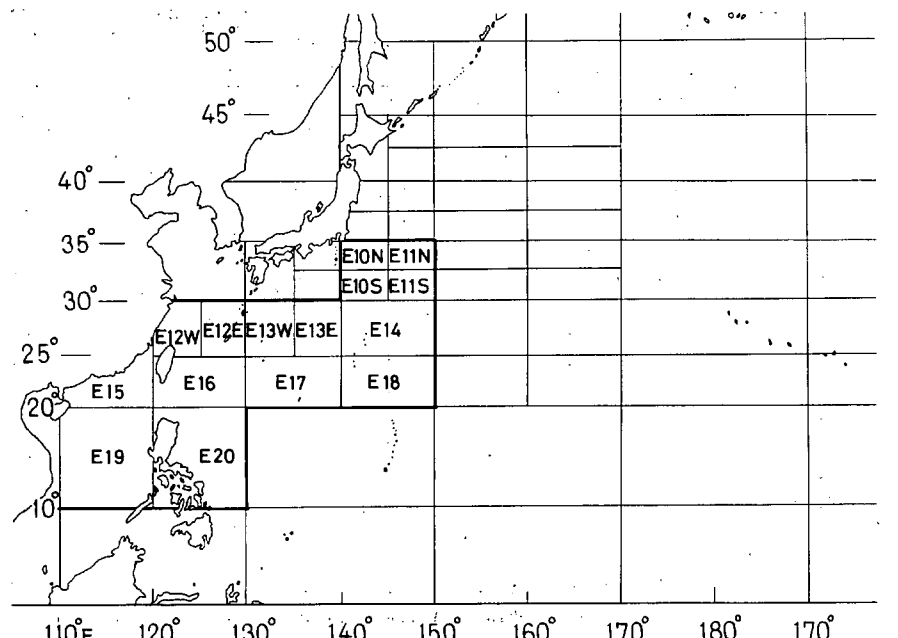
AREA E15		DATA NUMBER						1480
(20N-30N, 110E-120E)		MEAN OF DATA						2.58 M
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	59	5	1	1		1	2	69
0.75 -	272	82	25	3	11			393
1.75 -	196	125	110	28	1	2		462
2.75 -	84	85	79	37	12	6		303
3.75 -	22	24	52	15	15	1		129
4.75 -	2	6	30	15	8	1		62
5.75 -		6	18	2	5			31
6.75 -		8	5	4	2			19
7.75 -			2	3	1			6
8.75 -			2		2			4
9.75 -			1		1			2
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM								
TOTAL	635	341	325	108	58	11	2	1480
MAX	5.50	7.00	10.00	8.50	10.00	5.00	.00	10.00

AREA E19						DATA NUMBER		33470
(10N-20N, 110E-120E)				PERIOD (SEC)		MEAN OF DATA		1.93 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3917	176	73	17	4	8	121	4316
0.75 -	9248	2911	982	100	40	23		13304
1.75 -	3343	2766	1905	436	103	34		8588
2.75 -	872	1594	1281	457	211	37		4452
3.75 -	181	463	628	222	165	28		1687
4.75 -	11	37	253	93	54	11		509
5.75 -	5	23	72	43	67	19		229
6.75 -	7	37	48	31	42	9		174
7.75 -	1	4	18	3	15	3		44
8.75 -	4	10	5	6	10	9		44
9.75 -		6	11	2	1	6		26
10.75 -	1		1	3				5
11.75 -				4		1		5
12.75 -								
13.75 -								
14.75 -								
CALM							87	87
TOTAL	17590	8077	5278	1417	712	188	208	33470
MAX	11.00	10.00	11.50	12.00	10.00	12.00	.00	12.00

AREA E16 (20N-25N, 120E-130E)		PERIOD (SEC)					DATA NUMBER MEAN OF DATA		33031 2.04 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	2847	110	49	29	9	6	93	3143	
0.75 -	8917	2661	960	135	84	56		12813	
1.75 -	3803	2644	2145	489	163	51		9295	
2.75 -	1201	1464	1286	429	275	62		4717	
3.75 -	300	500	658	220	137	54		1869	
4.75 -	27	92	219	75	61	37		511	
5.75 -	18	57	92	44	42	23		276	
6.75 -	13	101	30	24	37	7		212	
7.75 -	9	8	16	10	9	5		57	
8.75 -	1	2	15	2	3	4		27	
9.75 -			15	5	7	1		29	
10.75 -			1		1			2	
11.75 -			2	13		1		16	
12.75 -									
13.75 -					1			1	
14.75 -		1	1					2	
CALM							61	61	
TOTAL	17136	7640	5490	1475	829	307	154	33031	
MAX	9.00	15.00	16.50	12.50	14.00	12.00	.00	16.50	

AREA E20 (10N-20N, 120E-130E)		DATA NUMBER MEAN OF DATA		28267 1.83 M				
HEIGHT (M)	PERIOD (SEC)							
	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3215	152	46	26	9	17	229	3694
0.75 -	7906	2718	1125	158	105	82		12094
1.75 -	2336	2295	1945	406	153	61		7196
2.75 -	602	1044	1024	329	227	51		3277
3.75 -	102	326	480	133	160	45		1246
4.75 -	20	57	144	36	67	19		343
5.75 -	9	24	49	29	26	16		153
6.75 -	4	14	19	15	24	21		97
7.75 -	1	8	5	5	6	1		26
8.75 -			3	1	2	4		10
9.75 -	1		3		7			11
10.75 -								
11.75 -				5				5
12.75 -								
13.75 -				1				1
14.75 -					1	1		2
CALM							112	112
TOTAL	14196	6638	4843	1144	787	318	341	28267
MAX	10.00	8.00	10.00	14.00	15.00	15.00	.00	15.00

AREA E17 (20N-25N, 130E-140E)		PERIOD (SEC)					DATA NUMBER MEAN OF DATA		14547 1.99 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	867	54	20	13	2	2	39	997	
0.75 -	3565	1607	701	76	64	22		6035	
1.75 -	1213	1604	1404	267	107	37		4632	
2.75 -	278	590	706	206	152	27		1959	
3.75 -	53	133	197	93	83	18		577	
4.75 -	3	32	67	33	22	10		167	
5.75 -	2	18	25	14	11	6		76	
6.75 -	1	12	13	12	6	8		52	
7.75 -		3		10	3	4		20	
8.75 -		1		5	2	3		11	
9.75 -					1	1		2	
10.75 -									
11.75 -				3				3	
12.75 -									
13.75 -									
14.75 -									
CALM							16	16	
TOTAL	5982	4054	3133	732	453	138	55	14547	
MAX	7.00	9.50	7.50	12.00	10.00	10.00	.00	12.00	



WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA E21		(10N-20N, 130E-150E)		PERIOD (SEC)		DATA NUMBER		39300
						MEAN OF DATA		1.84 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3181	168	75	46	30	32	243	3775
0.75 -	10479	4401	2136	337	216	128		17697
1.75 -	2937	4113	3371	676	368	130		11595
2.75 -	578	1418	1517	394	236	93		4236
3.75 -	104	286	456	116	158	59		1179
4.75 -	19	87	148	40	52	21		367
5.75 -	6	55	31	33	37	39		201
6.75 -	3	36	18	18	12	9		96
7.75 -		6	5	9	5	6		31
8.75 -	1		5	2		1		9
9.75 -	1		7		2	1		11
10.75 -					1	8		9
11.75 -		1		5	1			7
12.75 -			1					1
13.75 -								
14.75 -		1	1	1				3
CALM							83	83
TOTAL	17309	10572	7771	1677	1118	527	326	39300
MAX	10.00	16.50	20.00	15.00	12.00	11.50	.00	20.00

AREA M04		(45N-50N, 160E-170E)		PERIOD (SEC)		DATA NUMBER		15439
						MEAN OF DATA		2.56 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	385	10	20	15	2	1	4	437
0.75 -	2777	1000	433	63	47	8		4328
1.75 -	1656	1688	1328	333	82	25		5112
2.75 -	563	1027	911	321	192	65		3079
3.75 -	139	394	495	187	135	57		1407
4.75 -	18	97	189	62	54	15		435
5.75 -	6	27	69	37	52	26		217
6.75 -	2	96	70	20	34	24		246
7.75 -	4	19	26	14	28	11		102
8.75 -	1	4	6	9	8	6		34
9.75 -		5	7		6	3		21
10.75 -		1	1					2
11.75 -		2		12				14
12.75 -						1		1
13.75 -								
14.75 -					2			2
CALM							2	2
TOTAL	5551	4370	3555	1073	642	242	6	15439
MAX	9.00	12.00	11.00	12.00	15.00	13.50	.00	15.00

AREA E22		(00N-10N, 110E-130E)		PERIOD (SEC)		DATA NUMBER		7565
						MEAN OF DATA		1.25 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1995	65	37	6	8	7	121	2239
0.75 -	2238	695	355	48	57	28		3421
1.75 -	337	417	254	69	21	8		1106
2.75 -	78	147	146	32	15	5		423
3.75 -	14	37	44	10	6	3		114
4.75 -	2	11	3	3	1	2		22
5.75 -		2	3		3	1		9
6.75 -		4	2					6
7.75 -		2	1					3
8.75 -								
9.75 -		2	1					3
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							219	219
TOTAL	4664	1382	846	168	111	54	340	7565
MAX	5.50	10.00	10.00	5.50	6.50	6.00	.00	10.00

AREA M05H		(45N-50N, 170E-170W)		PERIOD (SEC)		DATA NUMBER		19204
						MEAN OF DATA		2.69 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	441	34	9	23			3	510
0.75 -	3075	1119	518	53	28	6		4799
1.75 -	2248	1901	1490	416	137	50		6242
2.75 -	806	1484	1290	352	199	75		4206
3.75 -	200	484	759	189	155	75		1862
4.75 -	33	137	309	79	78	21		657
5.75 -	13	71	121	47	39	21		312
6.75 -	13	125	98	38	44	20		338
7.75 -	9	11	29	11	25	22		107
8.75 -	3	16	14	16	25	22		96
9.75 -		5	9	2	6	6		28
10.75 -					1	1		2
11.75 -		3		3		1		7
12.75 -		1						1
13.75 -		2			4			6
14.75 -		8	2	1	13	3		27
CALM							4	4
TOTAL	6841	5401	4648	1230	754	323	7	19204
MAX	9.00	20.00	15.00	15.00	17.50	15.00	.00	20.00

AREA E23		(00N-10N, 130E-150E)		PERIOD (SEC)		DATA NUMBER		8950
						MEAN OF DATA		1.30 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1585	111	74	17	7	4	112	1910
0.75 -	2436	1519	769	89	80	62		4955
1.75 -	424	564	470	73	42	9		1582
2.75 -	40	108	155	27	13	3		346
3.75 -	1	18	35	2	1	1		58
4.75 -	1	2	9		1			13
5.75 -								
6.75 -		1						1
7.75 -								
8.75 -								
9.75 -					1			1
10.75 -	1							1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							83	83
TOTAL	4488	2323	1512	208	145	79	195	8950
MAX	11.50	7.00	5.00	4.00	10.00	4.00	.00	11.50

AREA M06N		(42.5N-45N, 150E-160E)		PERIOD (SEC)		DATA NUMBER		10284
						MEAN OF DATA		2.32 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	446	25	18	13	3		19	524
0.75 -	2282	746	367	62	39	14		3510
1.75 -	1062	988	801	197	48	26		3122
2.75 -	364	656	547	183	72	29		1851
3.75 -	77	204	292	91	57	39		760
4.75 -	8	53	93	14	28	8		204
5.75 -	3	14	46	14	15	9		101
6.75 -	3	58	28	17	15	11		132
7.75 -	1	8	13	4	9	4		39
8.75 -		2	4		1	2		9
9.75 -		3	4	4		1		12
10.75 -					1			1
11.75 -			1	3				4
12.75 -			2					2
13.75 -			1					1
14.75 -								
CALM							12	12
TOTAL	4246	2757	2217	602	288	143	31	10284
MAX	8.50	10.00	14.00	12.00	11.00	10.00	.00	14.00

AREA M03		(45N-50N, 150E-160E)		PERIOD (SEC)		DATA NUMBER		5837
						MEAN OF DATA		2.36 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	222	8	8	6			10	254
0.75 -	1241	463	209	31	17	3		1964
1.75 -	578	595	459	82	28	4		1746
2.75 -	203	392	325	86	69	19		1094
3.75 -	47	126	191	37	38	20		459
4.75 -	10	37	52	12	13	9		133
5.75 -	2	9	34	10	11	2		68
6.75 -	3	31	21	8	8	7		78
7.75 -	1	3	2	3	8	6		23
8.75 -		1		3	6			10
9.75 -				1	2			3
10.75 -								
11.75 -		1		2				3
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	2307	1666	1301	281	200	70	12	5837
MAX	8.00	12.00	8.00	12.00	10.50	8.50	.00	12.00

AREA M06S		(40N-42.5N, 150E-160E)		PERIOD (SEC)		DATA NUMBER		11966
						MEAN OF DATA		2.35 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	479	26	11	13	1		8	538
0.75 -	2556	915	379	47	32	13		3942
1.75 -	1345	1318	899	225	61	36		3884
2.75 -	476	746	609	193	96	38		2158
3.75 -	99	176	313	116	87	46		837
4.75 -	12	46	123	28	24	10		243
5.75 -	5	15	44	19	24	15		122
6.75 -	1	51	31	18	12	5		118
7.75 -	1	4	14	11	11	4		45
8.75 -		12	13	4	3	12		44
9.75 -		3	5	2	9			19
10.75 -					4			4
11.75 -				2				2
12.75 -								
13.75 -				2				2
14.75 -								
CALM							8	8
TOTAL	4974	3312	2441	680	364	179	16	11966
MAX	8.00	10.00	10.00	14.00	11.50	9.50	.00	14.00

WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA MU7N (42.5N-45N, 160E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 7670 2.54 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	227	12	7	5			6	257
0.75 -	1310	479	248	34	17	10		2098
1.75 -	940	733	650	159	66	16		2564
2.75 -	362	503	459	177	87	38		1631
3.75 -	80	122	262	63	64	34		625
4.75 -	2	40	95	13	28	7		135
5.75 -	7	6	39	21	25	13		111
6.75 -	5	50	25	11	16	2		109
7.75 -	1	7	8	8	10	10		44
8.75 -		4	4	4	3	1		16
9.75 -	1		1	2	4	2		10
10.75 -				1				1
11.75 -				6	2			8
12.75 -				1				1
13.75 -								
14.75 -					3	1		4
CALM							6	6
TOTAL	2935	1961	1798	505	325	134	12	7670
MAX	10.00	9.00	10.00	13.00	15.00	15.00	.00	15.00

AREA MU9S (35N-37.5N, 150E-160E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 8019 2.32 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	329	11	11	11		1	15	378
0.75 -	1738	465	248	50	23	3		2527
1.75 -	959	880	629	173	77	25		2743
2.75 -	288	504	466	121	75	21		1475
3.75 -	72	134	208	74	52	19		559
4.75 -	8	47	70	17	17			159
5.75 -	7	12	24	8	6	3		60
6.75 -	1	31	26	4	7	4		73
7.75 -	1	3	7	2	5	1		19
8.75 -		1	8		1	1		11
9.75 -		1	5			1		7
10.75 -			1					1
11.75 -		1	1			3		5
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	3403	2090	1704	460	263	82	17	8019
MAX	8.00	12.00	12.00	8.50	9.00	12.00	.00	12.00

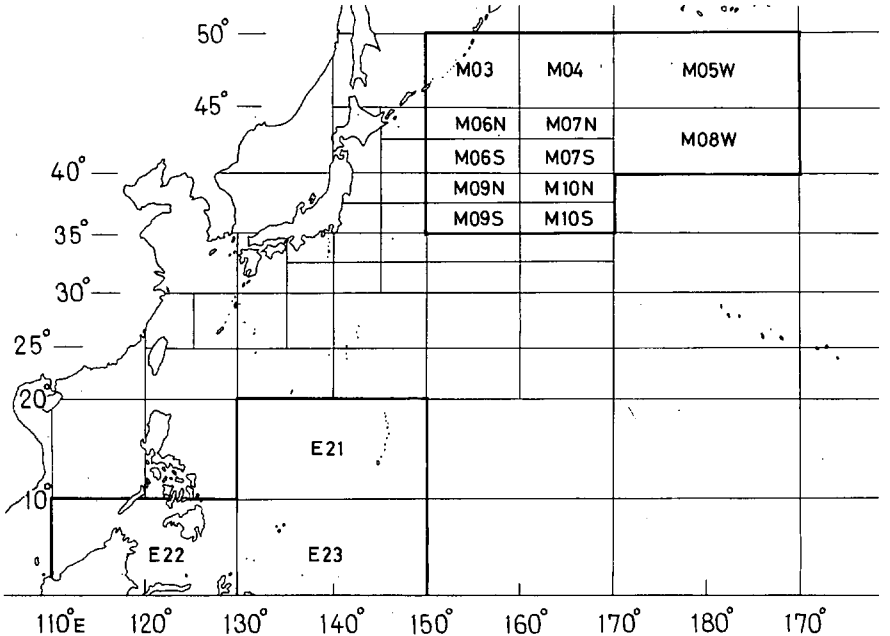
AREA MU7S (40N-42.5N, 160E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 5953 2.56 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	187	17	6	9			10	229
0.75 -	960	359	151	28	14	6		1518
1.75 -	693	633	504	130	40	20		2020
2.75 -	268	460	336	114	98	22		1298
3.75 -	51	115	196	60	59	42		523
4.75 -	10	32	78	16	13	1		150
5.75 -	3	14	34	11	14	5		82
6.75 -	2	25	24	6	15	3		75
7.75 -		1	1	4	8			14
8.75 -		2	7	4	1	2		16
9.75 -		3	5	1	2	3		14
10.75 -								
11.75 -				2		2		4
12.75 -								
13.75 -								
14.75 -		1				5		6
CALM							4	4
TOTAL	2174	1662	1342	385	264	112	14	5953
MAX	7.50	15.00	10.00	12.50	10.00	20.00	.00	20.00

AREA MU9S (37.5N-40N, 160E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 5950 2.51 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	144	5	1	8			12	170
0.75 -	1101	356	193	24	9	3		1686
1.75 -	686	605	455	143	49	33		1971
2.75 -	233	413	396	109	118	13		1282
3.75 -	70	128	198	55	52	26		529
4.75 -	4	33	51	20	8			116
5.75 -	2	8	27	10	22	7		76
6.75 -	4	27	15	6	7	2		61
7.75 -	4	4	6	6	6	2		28
8.75 -	2			1	1	10		14
9.75 -		1	2	1				4
10.75 -		1			2			3
11.75 -					1			1
12.75 -			2	1				3
13.75 -								
14.75 -					1			1
CALM							5	5
TOTAL	2250	1581	1346	384	276	96	17	5950
MAX	9.00	11.50	13.50	13.00	17.00	9.50	.00	17.00

AREA MU8W (40N-45N, 170E-170W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 13543 2.56 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	466	9	4	18		3	16	516
0.75 -	2469	752	327	47	22	26		3643
1.75 -	1627	1315	946	308	92	43		4331
2.75 -	642	925	792	295	190	55		2899
3.75 -	157	274	500	138	108	71		1248
4.75 -	23	77	142	46	73	12		373
5.75 -	12	26	73	38	29	14		192
6.75 -	8	58	44	15	25	9		159
7.75 -	2	7	14	9	17	22		71
8.75 -	7	4	10	5	21	6		53
9.75 -		5	7	3	18	3		36
10.75 -		1	1					2
11.75 -		2		3	1	2		8
12.75 -			1					1
13.75 -								
14.75 -					1	3		4
CALM							7	7
TOTAL	5413	3455	2861	925	597	269	23	13543
MAX	9.50	12.50	13.00	12.00	15.00	20.00	.00	20.00

AREA MU10S (35N-37.5N, 160E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 6191 2.34 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	221	8	4	3			20	256
0.75 -	1282	393	185	38	15	9		1922
1.75 -	655	779	456	113	33	39		2075
2.75 -	233	379	397	95	58	20		1182
3.75 -	68	100	230	44	48	20		510
4.75 -	11	21	56	19	14	4		125
5.75 -	2	8	14	7	16	4		51
6.75 -	3	10	15	6	6	1		41
7.75 -	2			1	4	1		8
8.75 -	3				6			9
9.75 -						1		1
10.75 -			1					1
11.75 -			2					2
12.75 -								
13.75 -								
14.75 -								
CALM							8	8
TOTAL	2480	1698	1360	326	200	99	28	6191
MAX	9.00	7.50	12.00	8.00	9.50	10.00	.00	12.00

AREA MU9N (37.5N-40N, 150E-160E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 8730 2.41 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	279	16	6	1		1	14	317
0.75 -	1692	593	257	44	20	5		2611
1.75 -	1016	931	727	169	53	34		2930
2.75 -	372	550	549	176	103	24		1774
3.75 -	65	164	285	73	66	36		689
4.75 -	9	53	78	32	20	10		202
5.75 -	6	10	17	12	13	1		59
6.75 -	6	20	31	9	14	6		86
7.75 -	3	4	6	6	9	5		33
8.75 -	4	4	3	3	3			17
9.75 -			2	4				6
10.75 -								
11.75 -				1		1		2
12.75 -								
13.75 -								
14.75 -		1						1
CALM							3	3
TOTAL	3452	2346	1961	530	301	123	17	8730
MAX	9.00	15.00	10.00	12.00	9.00	12.50	.00	15.00



WAVE HEIGHT — PERIOD

SEASON AUTUMN

AREA M11W (35N-40N, 170E-170W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	713	17	8	20	1	1	48	808
0.75 -	3698	1150	508	143	76	48		5623
1.75 -	1878	1769	1243	329	128	71		5418
2.75 -	595	968	925	256	190	65		2999
3.75 -	165	292	566	143	171	41		1378
4.75 -	17	78	164	46	54	21		380
5.75 -	6	13	66	15	30	16		146
6.75 -	6	55	39	24	31	10		165
7.75 -	2	4	8	4	15	3		36
8.75 -	3	9	4	3	7	3		29
9.75 -		2	4	1	7	4		18
10.75 -		1		2	3			6
11.75 -		1	1	4				6
12.75 -				1	1			2
13.75 -								
14.75 -					2	1		3
CALM							36	36
TOTAL	7083	4359	3536	991	716	284	84	17053
MAX	9.00	12.00	12.00	13.00	15.00	16.00	.00	16.00

AREA M13S (30N-32.5N, 160E-170E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	352	8	8	8			28	404
0.75 -	1562	464	230	35	33	12		2336
1.75 -	673	704	482	137	87	30		2113
2.75 -	193	268	345	75	57	22		960
3.75 -	52	69	140	30	39	17		347
4.75 -	3	19	26	7	9			69
5.75 -		2	14	3	8	2		29
6.75 -	1	3	1	2	12	5		24
7.75 -	2		3		1	1		7
8.75 -						1		1
9.75 -						1		1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							9	9
TOTAL	2843	1537	1249	297	246	91	37	6300
MAX	8.00	7.50	8.00	7.50	8.00	10.00	.00	10.00

AREA M12N (32.5N-35N, 150E-160E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	440	18	2	6		1	19	486
0.75 -	2410	659	317	41	34	19		3480
1.75 -	1160	1020	817	175	72	26		3270
2.75 -	406	653	588	146	84	31		1908
3.75 -	72	158	246	78	51	26		631
4.75 -	11	31	71	22	28	7		170
5.75 -	3	12	28	14	23	14		94
6.75 -	1	20	15	12	3	9		60
7.75 -	2	2	7	4	11	2		28
8.75 -		2	1	2	5	2		12
9.75 -		1	2		2	3		8
10.75 -					1			1
11.75 -				1	1			2
12.75 -								
13.75 -								
14.75 -								
CALM							3	3
TOTAL	4505	2576	2094	501	315	140	22	10153
MAX	8.00	10.00	10.00	12.00	12.50	10.00	.00	12.50

AREA M14W (30N-35N, 170E-170W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	2201	159	31	39	9	4	134	2577
0.75 -	7157	2228	1047	179	156	109		10876
1.75 -	2803	2464	1978	482	258	152		8037
2.75 -	772	1221	1135	353	275	85		3841
3.75 -	156	396	570	183	145	90		1540
4.75 -	18	58	171	58	85	14		404
5.75 -	11	15	71	21	42	27		188
6.75 -	8	21	19	16	23	15		101
7.75 -		7	6	5	10	6		34
8.75 -	1	2	1	3	3	6		16
9.75 -		3	4	1	2	1		11
10.75 -					2			2
11.75 -		2	1	3				6
12.75 -			1					1
13.75 -								
14.75 -			2					2
CALM							407	407
TOTAL	13127	6577	4935	1343	1010	509	541	28043
MAX	9.00	12.00	15.00	12.00	11.00	10.00	.00	15.00

AREA M12S (30N-32.5N, 150E-160E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	319	10	5	6		1	29	370
0.75 -	1452	477	255	26	18	8		2236
1.75 -	733	617	567	132	43	26		2118
2.75 -	216	308	351	89	67	22		1053
3.75 -	47	87	152	45	44	16		391
4.75 -	7	17	41	7	9	4		85
5.75 -	1	7	5	12	13	6		44
6.75 -	1	7	3	3	3			17
7.75 -		1		1	7	1		10
8.75 -			1	1	2			4
9.75 -					1			1
10.75 -								
11.75 -				3				3
12.75 -						2		2
13.75 -								
14.75 -								
CALM							6	6
TOTAL	2776	1531	1380	325	207	86	35	6340
MAX	7.50	8.00	9.00	12.00	10.00	13.50	.00	13.50

AREA M15 (25N-30N, 150E-160E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	563	18	10	19	2	8	61	681
0.75 -	1807	595	313	55	36	23		2829
1.75 -	601	578	587	127	90	26		2009
2.75 -	175	275	364	93	62	17		986
3.75 -	50	68	107	24	40	18		307
4.75 -	5	12	26	8	4	10		65
5.75 -	4	3	8	2	5	1		23
6.75 -		2	3	7	2			14
7.75 -	2		1	3	2			8
8.75 -	2			1	2			5
9.75 -								
10.75 -								
11.75 -				3				3
12.75 -								
13.75 -								
14.75 -								
CALM							14	14
TOTAL	3209	1551	1419	342	245	103	75	6944
MAX	9.00	7.00	8.00	12.00	9.00	6.00	.00	12.00

AREA M13N (32.5N-35N, 160E-170E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	552	15	10	16	3	3	36	635
0.75 -	3712	1022	415	103	41	35		5328
1.75 -	1443	1311	1054	256	102	42		4208
2.75 -	592	465	643	167	118	23		2008
3.75 -	132	164	239	43	42	19		639
4.75 -	15	38	34	15	19	2		123
5.75 -	3	8	21	6	10	13		61
6.75 -	1	23	8	4	7	6		49
7.75 -	1	3	9	5				18
8.75 -	1	1	3	1	1			7
9.75 -				1	3			4
10.75 -		1			1			2
11.75 -				1	1			2
12.75 -								
13.75 -								
14.75 -								
CALM							14	14
TOTAL	6452	3051	2436	618	348	143	50	13098
MAX	9.00	11.00	9.00	12.00	12.00	7.00	.00	12.00

AREA M16 (25N-30N, 160E-170E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	703	20	14	16	4	4	62	823
0.75 -	2324	765	435	61	70	31		3686
1.75 -	831	791	668	161	117	54		2622
2.75 -	230	377	408	114	86	32		1247
3.75 -	60	86	147	64	36	23		416
4.75 -	12	17	52	9	12	7		109
5.75 -	2	2	9	10	9	5		37
6.75 -	1	5	7	7	2			22
7.75 -		4	1	2	1			8
8.75 -	1	1		2	8	1		13
9.75 -					2			2
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							26	26
TOTAL	4164	2068	1741	446	347	157	88	9011
MAX	9.00	9.00	9.00	9.00	10.00	9.00	.00	10.00

WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA M17H (25N-30N, 170E-170W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	17097 1.86 M
0.00 -	1479	95	48	35	7	10	110	1784
0.75 -	4566	1547	812	184	107	65		7281
1.75 -	1528	1400	1218	283	152	76		4657
2.75 -	390	618	661	209	179	76		2133
3.75 -	76	200	237	88	84	48		733
4.75 -	11	33	77	18	24	34		197
5.75 -	4	15	28	10	12	6		75
6.75 -	7	5	8	4	12	3		39
7.75 -			2	1	2	2		7
8.75 -		1		1		1		3
9.75 -			1					1
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM							186	186
TOTAL	8061	3914	3093	833	579	321	296	17097
MAX	7.50	9.00	12.50	9.00	9.00	9.50	.00	12.50

AREA M21 (10N-20N, 150E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	9063 1.69 M
0.00 -	803	35	6	10	4	5	55	918
0.75 -	3192	805	409	87	83	45		4621
1.75 -	686	791	605	166	126	61		2435
2.75 -	178	190	220	72	78	19		757
3.75 -	25	49	75	21	38	22		230
4.75 -	8	3	25		8	3		48
5.75 -	1	2	3	1		5		12
6.75 -		2	1		6	1		10
7.75 -			4			4		8
8.75 -								
9.75 -					1			1
10.75 -								
11.75 -				1		1		2
12.75 -								
13.75 -								
14.75 -								
CALM							21	21
TOTAL	4893	1877	1349	358	344	166	76	9063
MAX	6.00	7.00	8.00	12.00	10.50	12.00	.00	12.00

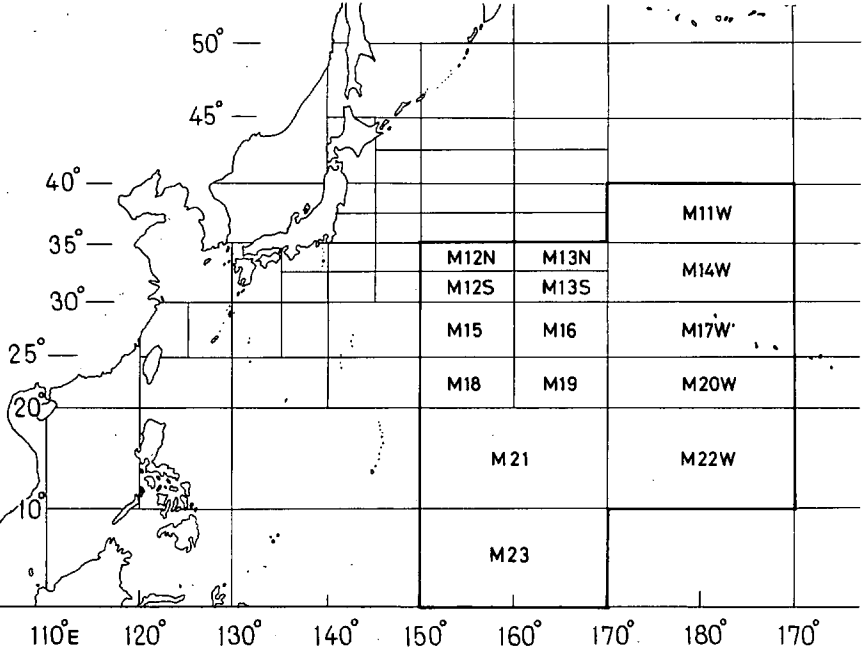
AREA M18 (20N-25N, 150E-160E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	3766 1.76 M
0.00 -	314	26	13	9	1		31	394
0.75 -	1221	335	174	48	24	14		1816
1.75 -	276	295	229	84	61	35		980
2.75 -	74	143	105	40	28	19		409
3.75 -	17	32	36	15	8	12		120
4.75 -	2	5	9	2	2	4		24
5.75 -		1	4	2		1		8
6.75 -		2	2			1		5
7.75 -			1		1	1		3
8.75 -								
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							6	6
TOTAL	1904	839	573	201	125	87	37	3766
MAX	5.00	7.00	8.00	12.50	8.00	8.00	.00	12.50

AREA M22W (10N-20N, 170E-170W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	5881 1.61 M
0.00 -	675	20	15	9	2		32	753
0.75 -	1882	611	351	76	54	32		3006
1.75 -	395	535	394	91	56	33		1504
2.75 -	83	140	150	35	26	11		445
3.75 -	16	29	43	12	16	8		124
4.75 -	3	6	8	1	1	4		23
5.75 -	1		1	1				3
6.75 -		4	1		1			6
7.75 -								
8.75 -			1					1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							16	16
TOTAL	3055	1345	964	225	156	88	48	5881
MAX	6.00	7.50	9.00	6.00	7.00	5.00	.00	9.00

AREA M19 (20N-25N, 160E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	3407 1.76 M
0.00 -	285	12	3	7		1	35	343
0.75 -	1117	313	154	43	21	10		1658
1.75 -	258	250	211	64	48	28		859
2.75 -	56	134	122	34	29	24		399
3.75 -	10	23	50	8	9	18		118
4.75 -	1	2	9	1		2		15
5.75 -			3		1	3		7
6.75 -		2			1			3
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							5	5
TOTAL	1727	736	552	157	109	86	40	3407
MAX	5.00	7.00	6.00	5.00	7.00	6.00	.00	7.00

AREA M23 (00N-10N, 150E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	5652 1.20 M
0.00 -	1104	58	43	15	8	6	98	1332
0.75 -	1852	952	377	65	54	34		3334
1.75 -	206	262	206	46	37	10		767
2.75 -	14	59	57	8	9	5		152
3.75 -		15	8		3			26
4.75 -		4	2	1				7
5.75 -			2					2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							32	32
TOTAL	3176	1350	695	135	111	55	130	5652
MAX	3.50	5.00	6.00	5.50	4.00	3.00	.00	6.00

AREA M20W (20N-25N, 170E-170W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	10143 1.73 M
0.00 -	869	48	17	33	6	2	64	1039
0.75 -	3309	853	521	92	84	45		4904
1.75 -	985	846	734	159	143	55		2822
2.75 -	160	268	330	81	92	56		987
3.75 -	32	44	128	28	24	19		275
4.75 -	5	16	17	8	6	11		63
5.75 -	2	12	2		8	2		26
6.75 -	1	7						8
7.75 -		1				2		3
8.75 -		1	1					2
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							13	13
TOTAL	5263	2096	1750	402	363	192	77	10143
MAX	7.50	9.00	9.00	12.00	6.50	8.50	.00	12.00



WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA M2		DATA NUMBER						
(00N-10N, 170E-170W)		MEAN OF DATA						
		2103						
		1.42 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	281	8	7	2			15	313
0.75 -	707	310	141	30	14	8		1210
1.75 -	91	188	132	23	10	4		448
2.75 -	4	30	43	11	4			92
3.75 -	1	12	5	2	1			21
4.75 -		4	1	1				6
5.75 -		2						2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							11	11
TOTAL	1084	554	329	69	29	12	26	2103
MAX	4.00	6.00	5.00	5.50	4.00	2.50	.00	6.00

AREA W04		DATA NUMBER						
(50N-55N, 150W-130W)		MEAN OF DATA						
		14073						
		2.58 M						
		1.51 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	459	61	15	9			7	551
0.75 -	1689	1231	441	194	102	19	62	3738
1.75 -	762	1716	1195	507	192	47	69	4478
2.75 -	259	950	871	350	205	63	22	2720
3.75 -	72	345	532	262	134	58	12	1415
4.75 -	21	92	175	110	66	26	6	496
5.75 -		44	92	61	51	36	3	287
6.75 -		21	40	41	18	32	2	154
7.75 -		10	22	7	6	6	2	53
8.75 -			11	11	4	4	2	32
9.75 -			9	9	14	9		41
10.75 -			1	1				2
11.75 -			1	2	2	2		7
12.75 -			1	1				2
13.75 -								
14.75 -					1	3		4
CALM	45						48	93
TOTAL	3307	4470	3396	1565	795	305	235	14073
MAX	5.50	8.50	13.00	13.00	15.00	15.00	9.00	15.00

AREA W01		DATA NUMBER						
(55N-65N, 170W-160W)		MEAN OF DATA						
		3457						
		2.00 M						
		1.39 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	284	46	8	11			1	350
0.75 -	656	433	119	72	41	8	8	1337
1.75 -	324	351	149	64	21	9	1	919
2.75 -	38	250	64	62	4	1		419
3.75 -	13	68	89	20	6	4		200
4.75 -	4	25	12	7	4	2		54
5.75 -		9	18	2	4	3		36
6.75 -		10	8					18
7.75 -		9	4	2	1	1		17
8.75 -			1	1		4		6
9.75 -		1	2	3				6
10.75 -								
11.75 -						1		1
12.75 -								
13.75 -								
14.75 -								
CALM	56						38	94
TOTAL	1375	1202	474	244	81	33	48	3457
MAX	5.00	10.00	10.00	10.00	8.50	12.00	2.00	12.00

AREA W05		DATA NUMBER						
(45N-50N, 170W-150W)		MEAN OF DATA						
		11557						
		2.70 M						
		1.50 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	194	27	7	4			4	236
0.75 -	1016	1129	425	104	56	14	25	2769
1.75 -	554	1329	1263	550	131	45	23	3895
2.75 -	126	687	808	451	305	84	10	2471
3.75 -	56	224	446	210	142	85	14	1177
4.75 -	7	74	167	112	34	17	2	413
5.75 -		43	81	69	35	24		252
6.75 -		16	22	49	30	17		134
7.75 -		6	14	12	18	13		63
8.75 -			3	17	7	20	1	48
9.75 -		5	9	8	4	6		32
10.75 -				1	3	1		5
11.75 -				1	2	3		6
12.75 -								
13.75 -								
14.75 -								
CALM	43	1	3				9	56
TOTAL	1996	3541	3248	1588	767	329	88	11557
MAX	5.00	10.00	10.00	12.00	12.50	12.00	9.00	12.50

AREA W02		DATA NUMBER						
(55N-65N, 160W-130W)		MEAN OF DATA						
		8544						
		2.16 M						
		1.51 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	559	67	15	26			10	677
0.75 -	1644	744	255	80	100	26	30	2879
1.75 -	629	923	498	169	67	66	29	2381
2.75 -	188	459	290	132	59	32	16	1176
3.75 -	52	202	163	107	38	28	11	601
4.75 -	25	53	70	29	17	16	6	216
5.75 -		30	46	18	16	19	2	131
6.75 -		11	18	15	9	8	2	63
7.75 -		1	10	1		2		14
8.75 -	1		5	4	6	4		20
9.75 -		1	5	7		5		18
10.75 -					1			1
11.75 -			1			2		3
12.75 -								
13.75 -								
14.75 -			1			4		5
CALM	148	2					209	359
TOTAL	3246	2493	1377	588	313	212	315	8544
MAX	9.50	10.00	15.00	10.00	11.00	15.50	7.50	15.50

AREA W06		DATA NUMBER						
(45N-50N, 150W-130W)		MEAN OF DATA						
		14457						
		2.58 M						
		1.43 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	376	54	25	11			12	478
0.75 -	1548	1350	562	148	72	16	51	3747
1.75 -	784	1714	1428	508	152	46	40	4672
2.75 -	219	962	1001	530	230	82	31	3055
3.75 -	49	293	557	240	133	92	17	1381
4.75 -	21	70	206	115	54	27	5	498
5.75 -		33	83	60	50	32	1	259
6.75 -		12	35	40	25	27		139
7.75 -		7	14	6	26	4	1	58
8.75 -			9	8	7	15		39
9.75 -			1	2	3	5	3	14
10.75 -			1	2				3
11.75 -			1			3		4
12.75 -								
13.75 -				1				1
14.75 -				2	1			3
CALM	43	1					62	106
TOTAL	3040	4496	3923	1673	753	349	223	14457
MAX	5.50	8.50	12.50	15.00	15.00	12.50	10.00	15.00

AREA W03		DATA NUMBER 16544						
(50N-55N, 170W-150W)		MEAN OF DATA 2.46 M						
		S.D. OF DATA 1.45 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	610	84	25	40			7	766
0.75 -	2392	1730	460	95	85	22	19	4803
1.75 -	1173	2036	1390	478	108	39	16	5240
2.75 -	252	1141	926	404	194	77	9	3003
3.75 -	87	427	556	269	135	83	7	1564
4.75 -	15	108	157	115	59	15	1	470
5.75 -		46	80	71	56	29		282
6.75 -		14	37	30	30	20	1	132
7.75 -		6	15	24	25	8		78
8.75 -		1	13	13	4	10		41
9.75 -		6	7	5	5	5		28
10.75 -				1				1
11.75 -			6	2		2		10
12.75 -				1				1
13.75 -								
14.75 -						1		1
CALM	94	2					28	124
TOTAL	4623	5601	3672	1548	701	311	88	16544
MAX	5.50	10.00	12.50	13.00	10.00	15.00	7.00	15.00

WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA W08								
(40N-45N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	228	29	20	11			8	296
0.75 -	1131	884	358	98	39	16	38	2564
1.75 -	547	1136	874	355	98	42	59	3111
2.75 -	142	582	521	352	185	44	13	1839
3.75 -	45	212	311	203	100	47	10	928
4.75 -	11	61	141	69	30	11	5	328
5.75 -		16	56	45	28	18	2	165
6.75 -		5	20	17	18	10	2	72
7.75 -		1	8	20	7	5		41
8.75 -			6	7	10	12	1	36
9.75 -			3	6	5	3		17
10.75 -			1					1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	36						31	67
TOTAL	2140	2926	2319	1183	520	208	169	9465
MAX	5.50	8.00	11.00	10.00	10.00	10.00	9.50	11.00

AREA W12								
(35N-40N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	1065	180	55	36			63	1399
0.75 -	3578	2574	1026	356	171	52	191	7948
1.75 -	1082	2273	1845	823	266	131	114	6534
2.75 -	232	730	818	449	202	83	49	2563
3.75 -	78	203	352	182	118	50	25	1008
4.75 -	15	55	84	64	35	20	5	278
5.75 -		28	40	24	27	11	1	131
6.75 -		10	10	30	20	6	2	78
7.75 -		1	9	8	4	3		25
8.75 -		3	6	3	4	1		17
9.75 -			1		1	1		3
10.75 -								
11.75 -					1			1
12.75 -								
13.75 -								
14.75 -								
CALM	156	7			2		204	369
TOTAL	6206	6064	4246	1975	851	358	654	20354
MAX	5.50	9.50	10.00	9.50	12.00	10.00	7.50	12.00

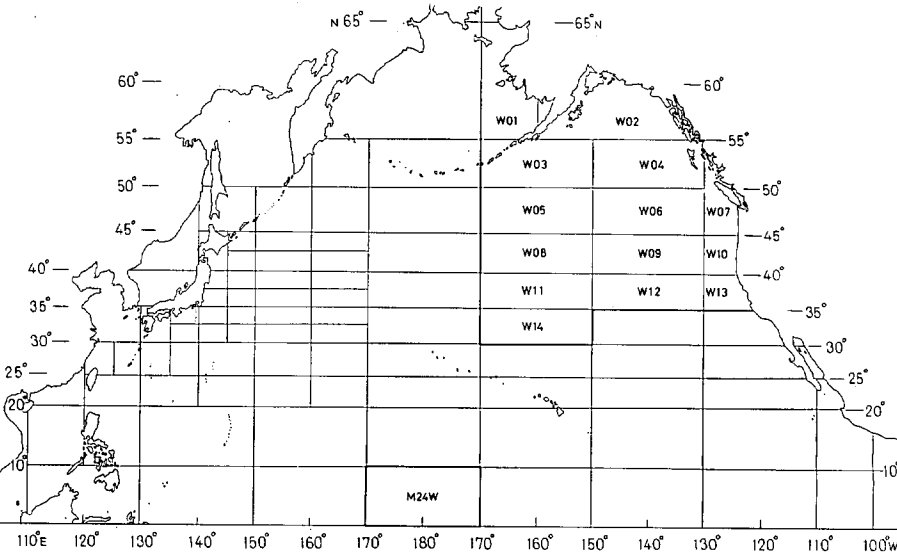
AREA W09								
(40N-45N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	505	53	21	11			16	606
0.75 -	1736	1308	427	137	59	18	63	3748
1.75 -	573	1207	931	429	98	51	69	3358
2.75 -	150	525	468	324	118	60	42	1687
3.75 -	45	162	242	160	75	46	11	741
4.75 -	10	49	94	78	38	12	5	286
5.75 -		39	40	57	40	19	3	198
6.75 -		10	14	18	21	11		74
7.75 -		5	6	8	6	5		30
8.75 -		1		1	5	8		15
9.75 -		1		3	1	1		6
10.75 -			1					1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	60						92	152
TOTAL	3079	3360	2244	1226	461	231	301	10902
MAX	5.50	10.00	11.00	10.50	10.00	10.00	6.00	11.00

AREA W13								
(35N-40N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	1173	180	110	66			48	1577
0.75 -	2561	1725	827	248	123	22	76	5582
1.75 -	708	1148	961	374	139	81	54	3465
2.75 -	159	383	416	226	100	41	24	1349
3.75 -	37	97	140	84	30	34	9	431
4.75 -	11	29	24	28	10	6	3	111
5.75 -		7	12	7	9	9	2	46
6.75 -		1	1	2		5		9
7.75 -		1	2		1	1		5
8.75 -								
9.75 -			1					1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	244	3	1				205	453
TOTAL	4893	3574	2495	1035	412	199	421	13029
MAX	5.50	8.00	10.00	7.50	8.50	8.00	6.00	10.00

AREA W10								
(40N-45N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	588	269	76	16			4	953
0.75 -	1423	1092	654	124	56	17	30	3396
1.75 -	494	730	601	196	53	36	23	2133
2.75 -	147	259	275	115	40	25	17	878
3.75 -	28	85	100	48	14	12	3	290
4.75 -	5	28	30	21	5	8	3	100
5.75 -		8	19	12	4	8		51
6.75 -		3	5	2	4	1		15
7.75 -			3	2				5
8.75 -			1			3		4
9.75 -			1	1	1	3		6
10.75 -			1	1				2
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	56	2	1				60	119
TOTAL	2741	2476	1767	538	177	113	140	7952
MAX	5.50	7.50	11.00	11.00	10.00	10.00	5.50	11.00

AREA W14								
(30N-35N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	784	97	41	35			41	998
0.75 -	2889	2011	928	275	149	37	121	6410
1.75 -	948	1947	1630	737	257	128	135	5782
2.75 -	210	636	870	512	223	95	46	2592
3.75 -	47	200	354	206	109	68	18	1002
4.75 -	23	36	109	72	43	14	2	299
5.75 -		18	51	34	35	17		155
6.75 -		5	7	14	17	8		51
7.75 -		4	1	5	4	1		15
8.75 -		1	2	2	2	3		10
9.75 -			2	1	2	3		8
10.75 -						1		1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	109						125	234
TOTAL	5010	4955	3995	1893	841	375	488	17557
MAX	5.50	9.00	10.00	10.00	10.00	11.00	5.00	11.00

AREA W11								
(35N-40N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	519	69	19	13			10	630
0.75 -	2135	1600	603	162	94	27	84	4705
1.75 -	864	1618	1291	493	176	113	91	4646
2.75 -	217	749	743	437	200	81	42	2469
3.75 -	58	236	356	208	104	51	17	1030
4.75 -	24	72	137	80	56	27	2	398
5.75 -		27	65	36	22	20	1	171
6.75 -		7	30	19	7	14		77
7.75 -		1	11	5	10	4		31
8.75 -			6	3	1	5		15
9.75 -			10	5	3	3		21
10.75 -				1		1		2
11.75 -					1	1		2
12.75 -								
13.75 -					1			1
14.75 -					1			1
CALM	87	5	1				75	168
TOTAL	3904	4384	3272	1462	676	347	322	14367
MAX	5.50	8.00	10.00	11.00	15.00	12.00	6.00	15.00



WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA W15 (30N-35N, 150W-130W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		23543 1.85 M 1.06 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1580	157	57	60			56	1910	
0.75 -	4675	2948	1377	459	288	74	221	10042	
1.75 -	1181	2334	2028	754	353	166	161	6977	
2.75 -	249	656	881	530	241	97	58	2712	
3.75 -	49	171	254	199	124	58	21	876	
4.75 -	27	53	91	48	35	14	2	270	
5.75 -		17	28	31	28	11		115	
6.75 -		15	6	4	2	6		33	
7.75 -				1	2	2		5	
8.75 -			2	1	2	1		6	
9.75 -			1					1	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	315	5	3				273	596	
TOTAL	8076	6356	4728	2087	1075	429	792	23543	
MAX	5.50	7.50	10.00	9.00	9.00	9.00	5.00	10.00	

AREA W19 (25N-30N, 130W-110W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		11990 1.36 M 0.80 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1606	178	71	65			49	1969	
0.75 -	3425	1854	673	249	167	51	87	6506	
1.75 -	563	833	524	230	107	77	21	2359	
2.75 -	69	148	153	74	33	5	3	485	
3.75 -	8	23	48	24	15	4	1	123	
4.75 -	2	4	9	6	2	1		24	
5.75 -		1	3	3		2		9	
6.75 -		1						1	
7.75 -			1					1	
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	297	4	2				210	513	
TOTAL	5970	3046	1488	651	324	140	371	11990	
MAX	5.50	7.00	8.00	6.00	5.00	6.00	4.00	8.00	

AREA W16 (30N-35N, 130W-110W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		21497 1.22 M 0.88 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	4378	576	228	199			158	5539	
0.75 -	5383	2818	1106	415	198	29	85	10034	
1.75 -	827	1160	921	364	140	84	25	3521	
2.75 -	116	276	306	156	88	37	6	985	
3.75 -	12	38	79	60	33	11	1	234	
4.75 -	5	24	12	14	10	8		73	
5.75 -		4	8	4	4	3		23	
6.75 -		4		2		2		8	
7.75 -			1					1	
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	610	10	6				853	1479	
TOTAL	11331	4910	2667	1214	473	174	1128	21497	
MAX	5.50	7.50	8.00	7.00	6.50	7.50	4.00	8.00	

AREA W20 (20N-25N, 170W-150W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		20765 1.61 M 0.93 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1996	207	77	61			58	2399	
0.75 -	5543	2844	1127	357	255	58	182	10366	
1.75 -	1151	1951	1358	507	202	120	118	5407	
2.75 -	183	438	449	263	130	56	27	1546	
3.75 -	30	76	145	87	49	28	9	424	
4.75 -	7	15	31	27	23	13		116	
5.75 -		13	15	6	6	6		46	
6.75 -			1	5		2		8	
7.75 -			1	1		1		3	
8.75 -		1	2	1	1	2		7	
9.75 -				1				1	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	223	6	1		1		211	442	
TOTAL	9133	5551	3207	1316	667	246	605	20765	
MAX	5.00	9.00	9.00	10.00	9.00	9.50	4.50	10.00	

AREA W17 (25N-30N, 170W-150W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		9715 1.98 M 1.10 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	503	76	34	25			10	652	
0.75 -	1716	1306	499	139	113	32	97	3902	
1.75 -	514	945	454	333	143	86	82	2957	
2.75 -	119	408	424	210	116	63	20	1360	
3.75 -	28	88	154	93	61	30	10	464	
4.75 -	15	20	44	20	18	11		132	
5.75 -		4	17	12	8	8	2	51	
6.75 -		2	6	3	5	6		22	
7.75 -					1	2		3	
8.75 -					1			1	
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	79	1					91	171	
TOTAL	2974	2850	2040	835	466	238	312	9715	
MAX	5.50	7.50	7.50	7.50	9.00	8.50	6.00	9.00	

AREA W21 (20N-25N, 150W-130W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		7122 1.71 M 0.89 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	523	51	15	5			19	613	
0.75 -	1699	1086	387	125	73	9	63	3442	
1.75 -	431	789	572	215	66	51	31	2155	
2.75 -	80	194	154	132	48	14	7	629	
3.75 -	12	31	55	26	9	15	2	150	
4.75 -	5	2	10	9	2	1	2	31	
5.75 -		1	4	2	5	5		17	
6.75 -			1			2		3	
7.75 -		1						1	
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	48	2					31	81	
TOTAL	2798	2157	1198	514	203	97	155	7122	
MAX	5.50	8.00	7.50	6.50	6.50	7.00	5.00	8.00	

AREA W18 (25N-30N, 150W-130W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		17274 1.63 M 0.92 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1467	162	72	53			57	1811	
0.75 -	4153	2411	1040	408	250	49	215	8526	
1.75 -	917	1481	1099	507	240	125	101	4470	
2.75 -	155	352	457	253	136	73	33	1459	
3.75 -	16	58	118	88	54	23	15	372	
4.75 -	1	12	29	33	21	5	1	102	
5.75 -		2	3	5	3	6		19	
6.75 -			2		1			3	
7.75 -					1	1		2	
8.75 -				1		1		2	
9.75 -				1				1	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	264	4	1				238	507	
TOTAL	6973	4482	2821	1349	706	283	660	17274	
MAX	5.00	6.00	7.50	10.00	8.00	9.00	5.00	10.00	

AREA W22 (20N-25N, 130W-110W)				PERIOD (SEC)		DATA NUMBER MEAN OF DATA S.D. OF DATA		10119 1.35 M .81 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1454	149	58	78			31	1770
0.75 -	2696	1578	697	232	135	34	67	5439
1.75 -	392	678	504	172	68	55	30	1899
2.75 -	53	131	174	60	30	7	3	458
3.75 -	5	8	41	19	13	7		93
4.75 -	1	6	6	4	1	1		19
5.75 -		1	5	1		2		9
6.75 -			1	3				4
7.75 -				1				1
8.75 -								
9.75 -				1				1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	249	2					175	426
TOTAL	4850	2553	1486	571	247	106	306	10119
MAX	5.00	6.00	7.00	10.00	5.00	6.00	3.00	10.00

WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA W23

(10N-20N, 170W-150W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	546	83	46	19			18	712
0.75 -	1676	1245	494	96	74	21	69	3675
1.75 -	444	893	521	177	89	27	38	2189
2.75 -	79	237	226	72	44	11	8	677
3.75 -	22	55	38	44	27	7	7	200
4.75 -	6	14	16	12	1	2		51
5.75 -		3	8	2	1	4	1	19
6.75 -		1	3	3				7
7.75 -			1					1
8.75 -			1	1			1	3
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	73	5	2				61	141
TOTAL	2846	2536	1356	426	236	72	203	7675
MAX	5.50	7.50	9.00	9.00	6.00	6.50	9.00	9.00

AREA W27

(00N-10N, 150W-130W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	119	15	1	3			3	141
0.75 -	459	361	130	56	25	5	14	1050
1.75 -	124	223	155	40	11	6	7	566
2.75 -	5	21	21	11	2	2		62
3.75 -	1	2	10	1	2			16
4.75 -	1						2	3
5.75 -					2			2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	17						5	22
TOTAL	726	622	317	111	42	13	31	1862
MAX	5.00	4.00	4.00	4.00	6.00	3.00	5.50	6.00

AREA W24

(10N-20N, 150W-130W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	364	65	15	9			21	474
0.75 -	1796	1211	446	115	102	20	105	3795
1.75 -	578	1012	664	202	94	49	45	2644
2.75 -	132	284	227	106	35	19	5	808
3.75 -	12	43	79	36	16	11	1	198
4.75 -	2	8	7	11	1	6	1	36
5.75 -	1	2	1	2	2	2		10
6.75 -		2	3		2			7
7.75 -		1						1
8.75 -			7		1			8
9.75 -				1				1
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM	31		1				25	57
TOTAL	2916	2628	1450	483	253	107	203	8040
MAX	6.00	8.00	9.00	12.50	9.50	6.00	5.50	12.50

AREA W28

(00N-10N, 130W-110W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	145	29	7	8				189
0.75 -	399	405	130	33	14	4	9	994
1.75 -	78	180	126	37	13	4	1	439
2.75 -	5	22	30	6	3			66
3.75 -	1	1	5		1			8
4.75 -				1				1
5.75 -								
6.75 -				1				1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	16						8	24
TOTAL	644	637	298	86	31	8	18	1722
MAX	4.00	4.00	4.00	7.50	4.50	2.50	2.00	7.50

AREA W25

(10N-20N, 130W-110W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	1005	105	46	25			18	1199
0.75 -	2917	1884	691	204	175	37	138	6046
1.75 -	798	1310	844	254	109	75	47	3437
2.75 -	143	296	273	98	48	23	5	886
3.75 -	19	37	54	41	22	7	1	181
4.75 -	4	8	17	9	3	2		43
5.75 -		2	6	1	4	2		15
6.75 -								
7.75 -					1			1
8.75 -					2		2	4
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	107	6					65	178
TOTAL	4993	3648	1931	632	364	146	276	11990
MAX	5.50	6.50	6.50	6.00	9.00	6.00	9.50	9.50

AREA W29

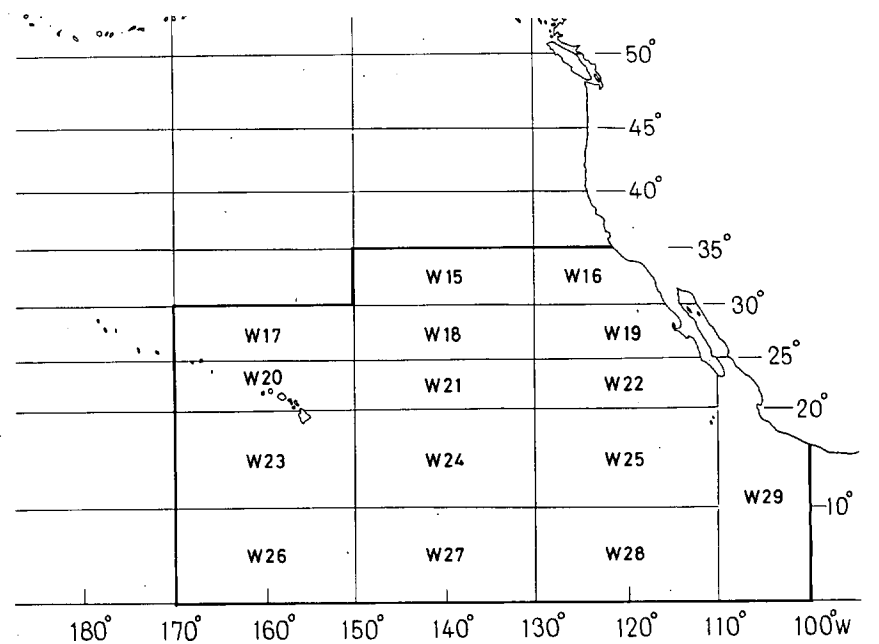
(00N-35N, 110W-100W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	3743	478	215	206			104	4746
0.75 -	5190	3383	1466	577	407	84	226	11333
1.75 -	799	1252	838	267	117	94	67	3434
2.75 -	88	277	232	78	27	34	7	743
3.75 -	23	55	87	37	8	12	4	226
4.75 -	4	15	14	6	3	1	2	45
5.75 -		2	4	2	3	5		16
6.75 -			2	4		2		8
7.75 -			2					2
8.75 -					1			1
9.75 -								
10.75 -								
11.75 -						1		1
12.75 -								
13.75 -								
14.75 -								
CALM	887	27	1				919	1834
TOTAL	10734	5489	2861	1177	566	233	1329	22389
MAX	5.00	6.50	8.50	7.50	9.00	12.00	5.50	12.00

AREA W26

(00N-10N, 170W-150W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	246	66	23	8			13	356
0.75 -	613	467	131	23	13	5	52	1304
1.75 -	68	194	105	34	7	7	11	426
2.75 -	8	24	21	19	3		2	77
3.75 -	2	5	1	4	2	1		15
4.75 -	1	2						3
5.75 -		1				1	1	3
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	35						27	62
TOTAL	973	759	281	88	25	14	106	2246
MAX	5.00	6.00	4.50	4.50	4.50	6.00	6.00	6.00



WAVE HEIGHT - PERIOD

SEASON WINTER

AREA E01-E23,M03-M24W,M03-W28								
(00N-55N, 110E-110W)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	45455	3256	1506	1611	118	85	2309	54340
0.75 -	168173	63029	28599	7581	5130	1917	2058	276487
1.75 -	80436	80771	63731	20888	9216	4505	1852	261399
2.75 -	27426	46226	45924	17482	10317	4010	859	152244
3.75 -	7140	16084	25221	9221	6361	3193	378	67598
4.75 -	1002	3729	8520	3643	2954	864	97	20809
5.75 -	378	1473	3408	2205	2122	1030	69	10685
6.75 -	243	2247	2054	1288	1302	732	25	7891
7.75 -	141	358	686	559	750	389	11	2894
8.75 -	70	229	430	305	458	369	16	1877
9.75 -	23	105	397	168	325	177	4	1199
10.75 -	2	14	53	30	33	37	4	173
11.75 -	7	23	55	107	58	43	2	295
12.75 -	2	5	14	10	16	20		67
13.75 -		7	9	6	6	11		39
14.75 -	3	8	25	14	41	30		121
CALM	2365	51	17		5		4205	6643
TOTAL	332866	217615	180649	65118	39212	17412	11889	864761
MAX	20.00	17.50	20.00	20.00	17.50	18.00	12.50	20.00

AREA E03								
(40N-45N, 140E-145E)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	60	10	8	1			1	80
0.75 -	175	103	28	18	1	1		326
1.75 -	68	51	21	2	3	5		150
2.75 -	25	25	22	5	1	2		80
3.75 -	4	8	19	4	1	1		37
4.75 -		3	1					4
5.75 -	1	1	1					3
6.75 -		5	4		1			10
7.75 -		1		1				2
8.75 -					1			1
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	333	207	104	32	8	9	3	696
MAX	6.50	8.00	7.00	12.00	9.00	4.00	.00	12.00

AREA E01								
(45N-50N, 140E-150E)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -								
0.75 -	3							3
1.75 -	6	2						8
2.75 -	1	2		1				4
3.75 -			1					1
4.75 -								
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM								
TOTAL	10	4	1	1				16
MAX	3.00	3.00	4.00	3.00				4.00

AREA E04N								
(42.5N-45N, 145E-150E)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	23	2	4	1				30
0.75 -	136	58	17	5	2	2		220
1.75 -	101	73	53	8	9	3		247
2.75 -	40	28	23	12	3	1		107
3.75 -	7	25	23	6	2			63
4.75 -		3	8	1		1		13
5.75 -			2					2
6.75 -		1	2			2		5
7.75 -								
8.75 -						1		1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -			1					1
CALM								
TOTAL	307	190	133	33	16	10		689
MAX	4.50	7.00	15.00	5.50	4.00	9.00		15.00

AREA E02N								
(40N-50N, 120E-140E)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	59	7					2	68
0.75 -	176	69	6					251
1.75 -	92	61	17	1	1			172
2.75 -	47	44	31	8	2	1		133
3.75 -	2	11	16	1	1			31
4.75 -			3	1				4
5.75 -			1					1
6.75 -		2	3	1	1			7
7.75 -								
8.75 -				4				4
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM								
TOTAL	376	194	77	16	5	1	2	671
MAX	4.00	7.00	7.50	9.50	7.50	3.00	.00	9.50

AREA E04S								
(40N-42.5N, 145E-150E)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	87	8	1	4			5	105
0.75 -	476	204	69	14	16	5		784
1.75 -	298	295	137	22	8	3		763
2.75 -	138	184	132	18	14	6		492
3.75 -	25	76	87	20	9	10		227
4.75 -	2	17	36	6	2	3		66
5.75 -	2	10	11	10	5	2		40
6.75 -		11	13	1	6	1		32
7.75 -	1	1	2	4	1			9
8.75 -					1			1
9.75 -	2	1	3					6
10.75 -								
11.75 -			1	1				2
12.75 -								
13.75 -								
14.75 -			1					1
CALM							3	3
TOTAL	1031	807	493	101	61	30	8	2531
MAX	10.00	10.00	15.00	12.00	9.50	7.00	.00	15.00

AREA E02S								
(35N-40N, 120E-140E)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	805	30	22	22	5	2	36	922
0.75 -	2836	524	167	23	23	26		3599
1.75 -	1078	973	293	45	31	32		2452
2.75 -	253	589	380	83	26	14		1345
3.75 -	46	129	179	34	26	22		436
4.75 -	3	17	32	10	11	5		78
5.75 -	1	7	14	5	10	2		39
6.75 -		6	8	3	6	2		25
7.75 -			1	3	2	2		8
8.75 -								
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -			1					1
CALM							96	96
TOTAL	5022	2275	1097	229	140	107	132	9002
MAX	6.00	7.50	20.00	12.00	8.00	8.00	.00	20.00

AREA E05N								
(37.5N-40N, 140E-145E)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1809	48	19	22	4	12	85	1999
0.75 -	2627	562	186	40	17	39		3471
1.75 -	725	619	250	44	47	41		1726
2.75 -	137	242	194	45	44	29		691
3.75 -	20	56	97	33	27	13		246
4.75 -	3	8	28	12	10	5		66
5.75 -	2	8	18	7	8	5		48
6.75 -	3	21	12		5	1		42
7.75 -		2	7		1	3		13
8.75 -			3		1			4
9.75 -			1	1		1		3
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							553	553
TOTAL	5326	1566	815	204	164	149	638	8862
MAX	7.50	8.00	10.00	10.00	9.00	10.00	.00	10.00

WAVE HEIGHT - PERIOD

SEASON WINTER

AREA E05S

(35N-37.5N, 140E-145E)

DATA NUMBER
MEAN OF DATA 7978
1.86 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1071	41	12	17	6	3	49	1199
0.75 -	2134	489	169	37	20	22		2871
1.75 -	834	656	280	58	35	32		1895
2.75 -	238	381	271	57	37	18		1002
3.75 -	49	116	150	41	31	18		405
4.75 -	10	18	52	16	19	8		123
5.75 -	3	9	16	7	10	3		48
6.75 -	2	22	25	6	16	2		73
7.75 -	2	2	4	1	7	2		18
8.75 -	1		2	2	2			7
9.75 -		1			1	1		3
10.75 -					1			1
11.75 -			1	2		1		4
12.75 -								
13.75 -						1		1
14.75 -								
CALM							328	328
TOTAL	4344	1735	982	244	185	111	377	7978
MAX	9.00	10.00	12.00	12.00	11.00	14.00	.00	14.00

AREA E08

(30N-35N, 130E-135E)

DATA NUMBER
MEAN OF DATA 7006
1.59 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1143	38	30	6	3	2	46	1268
0.75 -	2515	485	181	27	23	27		3258
1.75 -	843	475	209	27	17	11		1582
2.75 -	186	232	132	35	14	8		607
3.75 -	30	45	56	17	9	3		160
4.75 -	6	8	12	2	3			31
5.75 -	1	10	7	6	1	1		26
6.75 -	1	3	10	1	4	1		25
7.75 -	1	1	3					5
8.75 -								
9.75 -		1						1
10.75 -								
11.75 -				4	1			5
12.75 -								
13.75 -								
14.75 -								
CALM							38	38
TOTAL	4726	1303	640	125	75	53	84	7006
MAX	8.00	10.00	8.00	12.00	12.00	7.00	.00	12.00

AREA E06N

(37.5N-40N, 145E-150E)

DATA NUMBER
MEAN OF DATA 5515
2.74 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	137	6	4	4		1	3	155
0.75 -	879	303	139	21	4	4		1350
1.75 -	728	480	357	78	38	15		1696
2.75 -	318	401	356	115	55	22		1267
3.75 -	97	153	217	51	34	16		568
4.75 -	5	41	74	22	20	5		167
5.75 -	4	29	30	12	19	2		96
6.75 -		57	27	8	21	3		116
7.75 -	1	12	9	1	4	1		28
8.75 -	7	3	15	12	5	1		43
9.75 -	1	1	4	6	2	1		15
10.75 -				2		1		3
11.75 -			1	5				6
12.75 -				1				1
13.75 -								
14.75 -			2		2			4
CALM								
TOTAL	2177	1486	1235	338	204	72	3	5515
MAX	10.00	10.00	15.00	13.00	15.00	11.50	.00	15.00

AREA E09N

(32.5N-35N, 135E-140E)

DATA NUMBER
MEAN OF DATA 3782
1.75 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	573	14	2	3	2	3	41	638
0.75 -	1242	219	73	9	10	11		1564
1.75 -	508	236	110	23	3	7		887
2.75 -	150	166	87	8	8	9		438
3.75 -	35	46	57	7	5	6		156
4.75 -	3	3	15	5	4	2		32
5.75 -		3	4	4	1	1		13
6.75 -	1	12	1	2	6			22
7.75 -			3			3		6
8.75 -		1						1
9.75 -			1					1
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM							23	23
TOTAL	2522	700	354	61	39	42	64	3782
MAX	7.00	9.00	12.00	7.00	7.50	8.00	.00	12.00

AREA E06S

(35N-37.5N, 145E-150E)

DATA NUMBER
MEAN OF DATA 4783
2.84 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	68	1	1	9			7	86
0.75 -	712	203	105	7	6	4		1063
1.75 -	638	437	289	56	31	12		1437
2.75 -	294	390	332	108	67	12		1203
3.75 -	78	135	235	57	35	14		554
4.75 -	7	42	78	31	35	4		197
5.75 -	1	18	22	16	18	6		81
6.75 -	5	39	19	12	10	7		92
7.75 -	3	4	2	6	13	5		33
8.75 -		1	5	2	4	4		16
9.75 -					4			4
10.75 -				2				2
11.75 -				2	1	2		5
12.75 -						1		1
13.75 -								
14.75 -			2	1	3	1		7
CALM							2	2
TOTAL	1806	1270	1090	309	227	72	9	4783
MAX	8.00	9.00	15.00	15.00	17.50	15.00	.00	17.50

AREA E09S

(30N-32.5N, 135E-140E)

DATA NUMBER
MEAN OF DATA 4083
2.04 M

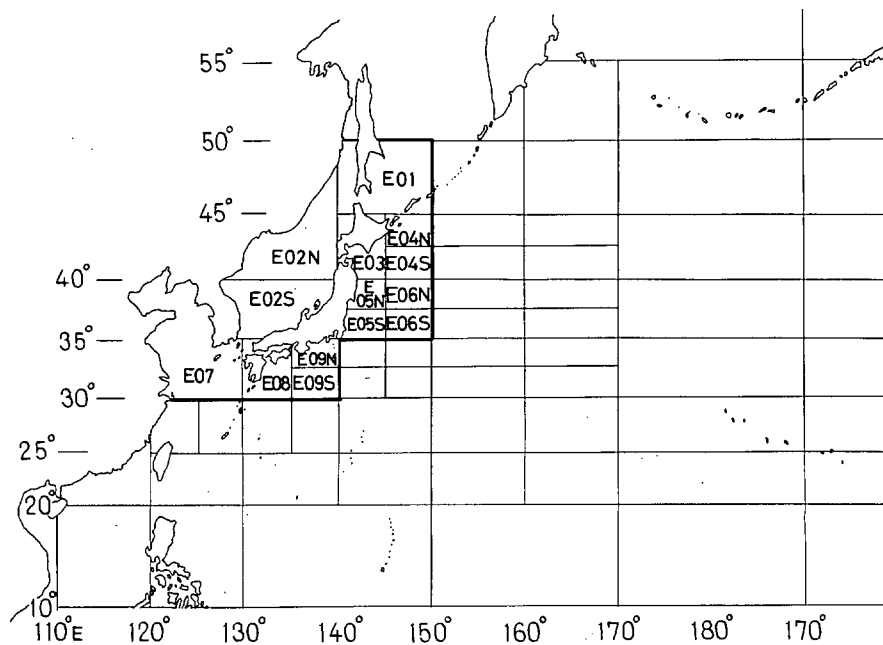
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	300	18	3	3	4		12	340
0.75 -	1067	319	113	33	14	17		1543
1.75 -	587	358	221	55	10	4		1235
2.75 -	171	247	171	41	3	5		638
3.75 -	29	88	71	17	9	3		217
4.75 -	3	17	26	7	8			61
5.75 -	1	9	1	7	5	1		24
6.75 -	1	8	5		2	2		18
7.75 -	1	1			1			3
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							4	4
TOTAL	2160	1065	611	143	56	32	16	4083
MAX	8.50	8.00	7.50	6.50	8.00	7.50	.00	8.50

AREA E07

(30N-40N, 120E-130E)

DATA NUMBER
MEAN OF DATA 5626
1.62 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	890	19	7	4	4	3	162	1089
0.75 -	1951	371	88	12	20	22		2464
1.75 -	577	434	142	33	10	13		1209
2.75 -	192	164	127	28	7	17		535
3.75 -	39	64	71	16	14	3		207
4.75 -	2	9	13	4	4	2		34
5.75 -	3	7	12	2	2			26
6.75 -	1	8	7	3				19
7.75 -		1			2	2		5
8.75 -			1		1			2
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							35	35
TOTAL	3655	1077	468	103	64	62	197	5626
MAX	7.00	8.00	9.00	12.00	9.00	8.50	.00	12.00



WAVE HEIGHT - PERIOD

SEASON WINTER

AREA E10N (32.5N-35N, 140E-145E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 6670 2.65 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	187	8	2	8		1	15	221
0.75 -	1207	321	150	22	14	8		1722
1.75 -	919	643	404	73	28	28		2095
2.75 -	420	485	355	105	58	18		1441
3.75 -	116	188	263	62	37	18		684
4.75 -	18	41	80	21	20	4		184
5.75 -	12	19	36	27	13	4		111
6.75 -	4	66	23	10	14	9		126
7.75 -		6	11	5	6	3		31
8.75 -		4	5	5	4	6		24
9.75 -		4	10	1	2	1		18
10.75 -		1	2	1	1			5
11.75 -		1	1	1	1			4
12.75 -				1				1
13.75 -			1					1
14.75 -								
CALM							2	2
TOTAL	2883	1787	1343	342	198	100	17	6670
MAX	7.50	12.50	14.00	13.00	12.00	10.00	.00	14.00

AREA E12W (25N-30N, 120E-125E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 7427 2.08 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	677	19	8	5	2	2	56	769
0.75 -	2042	488	109	24	20	5		2688
1.75 -	961	678	294	53	24	16		2026
2.75 -	383	348	284	58	40	19		1132
3.75 -	108	175	146	47	21	18		515
4.75 -	24	27	51	28	11	11		152
5.75 -	5	22	23	13	4	3		70
6.75 -	4	8	7	4	1	1		25
7.75 -	2	1	1	2	2	1		9
8.75 -			5		3			8
9.75 -		1			2	1		4
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -					1			1
CALM							28	28
TOTAL	4206	1767	928	234	131	77	84	7427
MAX	8.50	10.00	9.00	8.50	15.00	10.50	.00	15.00

AREA E10S (30N-32.5N, 140E-145E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 2661 2.55 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	80	3	9	2	7		3	104
0.75 -	436	139	69	12	5	6		667
1.75 -	355	299	191	33	18	6		902
2.75 -	107	205	180	33	9	11		545
3.75 -	20	69	125	26	16	11		267
4.75 -	4	15	42	6	3	2		72
5.75 -	3	7	17	6	7	2		42
6.75 -	4	15	8	1	1	2		31
7.75 -	3	3	3	4	2			15
8.75 -			2	2	1			5
9.75 -			3	1	1			5
10.75 -								
11.75 -					1			1
12.75 -								
13.75 -								
14.75 -								
CALM							5	5
TOTAL	1012	755	649	126	71	40	8	2661
MAX	8.00	8.50	10.00	10.00	12.00	7.50	.00	12.00

AREA E12E (25N-30N, 125E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 12253 1.82 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1445	29	22	12	5		72	1585
0.75 -	4028	858	287	43	40	28		5284
1.75 -	1539	974	506	98	42	20		3179
2.75 -	373	477	409	83	40	11		1393
3.75 -	91	132	228	58	20	6		535
4.75 -	7	22	49	20	12	5		115
5.75 -	3	12	35	11	3	1		65
6.75 -	3	15	9	8	6			41
7.75 -	1		3	4	5	2		15
8.75 -		1		2	1	1		5
9.75 -			1		3			4
10.75 -								
11.75 -					1			1
12.75 -					2			2
13.75 -								
14.75 -			1					1
CALM							28	28
TOTAL	7490	2520	1550	339	180	74	100	12253
MAX	8.00	9.00	15.00	9.50	13.00	9.00	.00	15.00

AREA E11N (32.5N-35N, 145E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 7528 2.89 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	147	1	2	10			4	164
0.75 -	1061	277	121	29	15	5		1508
1.75 -	999	623	530	119	43	36		2350
2.75 -	456	544	521	143	98	31		1793
3.75 -	148	226	363	86	70	31		924
4.75 -	17	82	133	37	29	10		308
5.75 -	20	24	80	29	33	14		200
6.75 -	8	56	37	11	19	12		143
7.75 -	6	13	24	14	11	4		72
8.75 -	4	4	8	3	15	5		39
9.75 -	1	4	5	1	3	4		18
10.75 -			1		2			3
11.75 -		1		3				4
12.75 -				1				1
13.75 -								
14.75 -								
CALM							1	1
TOTAL	2867	1855	1825	486	338	152	5	7528
MAX	10.00	12.00	11.00	13.00	11.00	10.00	.00	13.00

AREA E13W (25N-30N, 130E-135E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 11761 1.76 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1103	47	17	5	2	3	39	1216
0.75 -	4065	1136	356	59	27	30		5673
1.75 -	1271	1022	671	137	62	29		3192
2.75 -	256	403	360	82	51	17		1169
3.75 -	35	77	136	29	30	8		315
4.75 -	5	27	39	8	18	1		98
5.75 -	3	8	10	5	8			34
6.75 -	3	11	4	7	4	3		32
7.75 -	1	1	2	3	4			11
8.75 -			5					5
9.75 -			1		3			4
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							12	12
TOTAL	6742	2732	1601	335	209	91	51	11761
MAX	8.00	8.00	10.00	8.50	10.00	7.50	.00	10.00

AREA E11S (30N-32.5N, 145E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 4275 2.87 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	75	3	5	1	4		5	93
0.75 -	655	147	67	16	10	5		900
1.75 -	515	391	306	72	43	9		1336
2.75 -	226	356	294	80	37	13		1006
3.75 -	63	122	208	54	31	19		497
4.75 -	7	38	79	29	30	9		192
5.75 -	6	15	28	17	21	7		94
6.75 -	3	30	21	9	8	7		78
7.75 -	1	8	11	2	7	2		31
8.75 -		1	11		1	2		15
9.75 -		2	8	1	4	3		18
10.75 -		1	3					4
11.75 -		2	3	2				7
12.75 -						3		3
13.75 -		1						1
14.75 -								
CALM							5	5
TOTAL	1551	1117	1044	283	196	79	5	4275
MAX	8.00	14.50	12.50	12.00	10.00	13.50	.00	14.50

AREA E13E (25N-30N, 135E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 7027 1.92 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	436	40	18	4			14	512
0.75 -	1892	693	322	48	35	21		3011
1.75 -	756	806	522	103	39	12		2238
2.75 -	149	346	267	64	27	12		865
3.75 -	15	93	131	23	18	7		287
4.75 -	1	15	28	9	4	2		59
5.75 -	2	2	6	7	3	1		21
6.75 -		2	4	1	11			18
7.75 -			4	2	1			7
8.75 -								
9.75 -					1			1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							8	8
TOTAL	3251	1997	1302	261	159	55	22	7027
MAX	6.00	7.00	8.00	8.00	10.00	6.00	.00	10.00

WAVE HEIGHT - PERIOD

SEASON WINTER

AREA E14 (25N-30N, 140E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	7070 2.12 M
0.00 -	396	10	11	16	1		18	452
0.75 -	1620	568	269	50	45	13		2565
1.75 -	775	823	506	129	60	32		2325
2.75 -	206	378	340	62	56	22		1054
3.75 -	32	128	210	34	27	13		444
4.75 -	4	30	60	13	13	5		125
5.75 -	2	6	27	10	5	4		54
6.75 -	1	2	8	1	3	3		18
7.75 -			2	1	1	1		5
8.75 -			4					4
9.75 -			2					2
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							11	11
TOTAL	3036	1945	1439	317	211	93	29	7070
MAX	7.50	7.50	10.00	12.00	8.00	8.50	.00	12.00

AREA E18 (20N-25N, 140E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	9224 1.87 M
0.00 -	513	27	13	13		3	36	605
0.75 -	2633	919	455	71	49	24		4151
1.75 -	860	1091	748	181	74	36		2990
2.75 -	165	409	384	79	47	25		1109
3.75 -	29	95	108	18	21	16		287
4.75 -	2	15	23	2	3	3		48
5.75 -		2	4	2	7			15
6.75 -		2			3			5
7.75 -								
8.75 -								
9.75 -			1					1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							13	13
TOTAL	4202	2560	1736	366	204	107	49	9224
MAX	5.00	7.00	10.00	6.00	7.50	5.00	.00	10.00

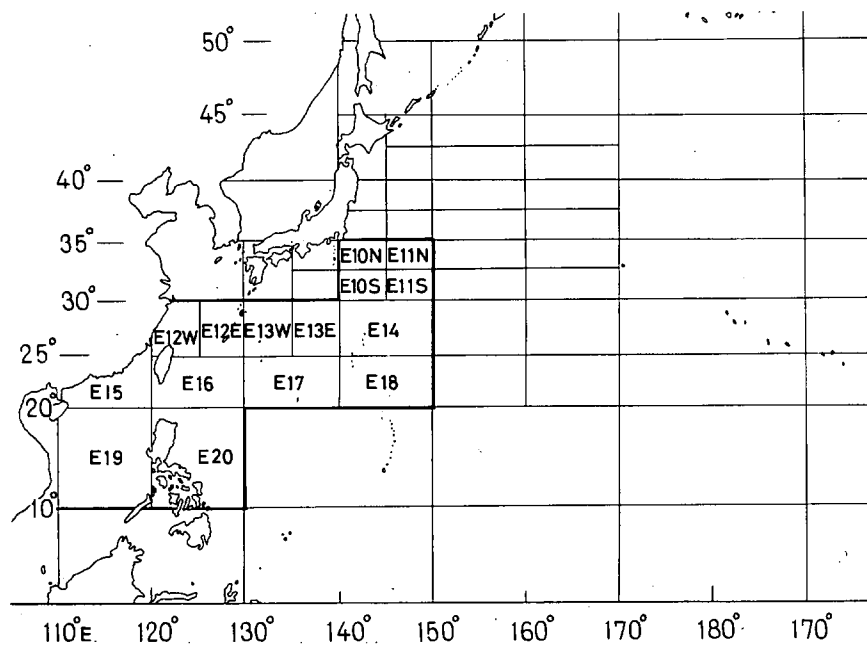
AREA E15 (20N-30N, 110E-120E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	1242 2.53 M
0.00 -	59	2		1	1			63
0.75 -	231	52	16	4	4	2		309
1.75 -	184	100	78	9	7			378
2.75 -	68	110	74	20	12	11		295
3.75 -	19	41	43	13	6	4		126
4.75 -	1	10	16	6	6			39
5.75 -		1	8	5				14
6.75 -			6	3	1			10
7.75 -			4	1				5
8.75 -								
9.75 -			1					1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	562	316	246	62	37	17	2	1242
MAX	5.00	6.00	10.00	8.00	7.00	4.00	.00	10.00

AREA E19 (10N-20N, 110E-120E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	32477 2.20 M
0.00 -	2536	80	34	16	14	3	43	2726
0.75 -	7930	2064	671	89	75	29		10858
1.75 -	4277	2723	1872	402	138	28		9440
2.75 -	1620	1968	1513	385	241	36		5763
3.75 -	326	683	967	251	151	68		2446
4.75 -	17	111	280	103	71	25		607
5.75 -	21	28	96	92	58	22		317
6.75 -	5	19	47	51	19	6		147
7.75 -	4	14	30	11	22	10		91
8.75 -			9	2	14	8		33
9.75 -		1	10	1	3			15
10.75 -			5					5
11.75 -					1			1
12.75 -					3			3
13.75 -					1			1
14.75 -					5	2		7
CALM							17	17
TOTAL	16736	7691	5534	1403	816	237	60	32477
MAX	8.50	10.00	11.00	10.00	15.00	15.00	.00	15.00

AREA E16 (20N-25N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	29867 2.05 M
0.00 -	1869	74	28	31	2	3	83	2090
0.75 -	8330	2192	812	128	70	70		11602
1.75 -	3964	2777	1908	399	123	56		9227
2.75 -	1317	1531	1287	299	179	45		4658
3.75 -	267	431	545	135	115	32		1525
4.75 -	26	88	152	50	36	7		359
5.75 -	14	27	76	35	25	7		184
6.75 -	4	40	30	34	9	2		119
7.75 -	3	11	11	8	4	6		43
8.75 -		1	2	2	2	1		8
9.75 -		1	6		1			8
10.75 -								
11.75 -			1	3				4
12.75 -			1		2	1		4
13.75 -								
14.75 -								
CALM							36	36
TOTAL	15794	7173	4859	1124	568	230	119	29867
MAX	8.50	10.00	13.00	12.00	13.00	13.00	.00	13.00

AREA E20 (10N-20N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	27976 2.08 M
0.00 -	1773	56	20	43	4	10	132	2038
0.75 -	7423	2105	779	88	61	47		10503
1.75 -	3361	2624	2192	442	152	72		8843
2.75 -	894	1363	1292	388	242	55		4234
3.75 -	270	371	605	136	125	48		1555
4.75 -	24	79	190	53	44	14		404
5.75 -	9	21	62	36	30	12		170
6.75 -	3	15	49	30	22	10		129
7.75 -	3	1	7	6	13	4		34
8.75 -	1	5	1	3	17	1		28
9.75 -			1		1			2
10.75 -						1		1
11.75 -								
12.75 -		1						1
13.75 -								
14.75 -								
CALM							34	34
TOTAL	13761	6641	5198	1225	711	274	166	27976
MAX	9.00	13.00	10.00	9.00	10.00	11.50	.00	13.00

AREA E17 (20N-25N, 130E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	12211 1.87 M
0.00 -	766	49	14	17	3	5	39	893
0.75 -	3645	1199	538	51	39	27		5499
1.75 -	1266	1251	987	175	68	21		3768
2.75 -	224	576	483	103	43	11		1440
3.75 -	25	127	207	45	21	9		434
4.75 -	2	38	49	13	12	2		116
5.75 -		7	9	6	2	2		26
6.75 -		2	3		2			7
7.75 -				1	9			10
8.75 -		1						1
9.75 -			2					2
10.75 -		1						1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							14	14
TOTAL	5928	3251	2292	411	199	77	53	12211
MAX	5.50	11.00	10.00	8.00	8.50	6.50	.00	11.00



WAVE HEIGHT - PERIOD

SEASON WINTER

AREA E21		DATA NUMBER						
(10N-20N, 130E-150E)		MEAN OF DATA						
		38348						
		2.03 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1592	52	35	28	12	2	90	1811
0.75 -	9800	3236	1518	194	139	65		14952
1.75 -	4663	4819	3184	578	284	130		13658
2.75 -	925	2180	2079	358	236	47		5825
3.75 -	145	517	723	126	99	40		1650
4.75 -	11	57	158	15	41	17		299
5.75 -	6	7	28	9	11	12		73
6.75 -	1	14	7	4	7			33
7.75 -	1	2	1	6	5	3		18
8.75 -								
9.75 -			2					2
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							26	26
TOTAL	17144	10884	7735	1319	834	316	116	38348
MAX	8.50	8.50	10.00	12.00	8.50	8.00	.00	12.00

AREA M04		DATA NUMBER						
(45N-50N, 160E-170E)		MEAN OF DATA						
		10874						
		3.22 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	103	1	2	12		2	3	123
0.75 -	1191	328	160	27	11	9		1726
1.75 -	1079	808	810	216	81	29		3023
2.75 -	561	927	837	242	151	76		2794
3.75 -	212	433	659	178	134	68		1694
4.75 -	18	104	244	90	73	21		550
5.75 -	25	46	84	51	66	26		298
6.75 -	10	158	99	47	36	21		371
7.75 -	10	15	34	32	21	15		127
8.75 -	4	17	20	12	25	11		89
9.75 -	1	3	24	11	7	5		51
10.75 -						1		1
11.75 -	1	1	1	11	4	1		19
12.75 -	1			1				2
13.75 -								
14.75 -		1	1	1		1		4
CALM							2	2
TOTAL	3216	2842	2985	931	609	286	5	10874
MAX	13.00	15.00	15.00	16.00	12.50	15.00	.00	16.00

AREA E22		DATA NUMBER						
(00N-10N, 110E-130E)		MEAN OF DATA						
		7899						
		1.61 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1243	30	24	3	8	5	76	1389
0.75 -	2293	778	314	28	39	29		3481
1.75 -	626	691	470	79	28	10		1904
2.75 -	157	239	249	64	24	10		743
3.75 -	9	57	81	27	7	7		188
4.75 -	2	19	23	5	2	1		52
5.75 -		2	14	4	6			26
6.75 -	1		2	1	2	1		7
7.75 -					1			1
8.75 -								
9.75 -					2			2
10.75 -			6					6
11.75 -								
12.75 -								
13.75 -								
14.75 -						1		2
CALM							98	98
TOTAL	4331	1816	1193	211	120	64	174	7899
MAX	7.00	6.00	11.00	7.50	15.00	15.00	.00	15.00

AREA M05W		DATA NUMBER						
(45N-50N, 170E-170W)		MEAN OF DATA						
		15323						
		3.18 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	138	9	2	15			4	168
0.75 -	1642	471	227	29	27	6		2402
1.75 -	1549	1200	1160	322	159	56		4446
2.75 -	788	1255	1311	311	285	86		4036
3.75 -	227	576	910	246	160	137		2256
4.75 -	37	140	367	86	97	30		757
5.75 -	12	50	147	58	75	35		377
6.75 -	17	152	111	48	64	33		425
7.75 -	14	30	44	23	52	22		185
8.75 -	5	14	29	12	58	16		134
9.75 -	1	5	29	6	19	11		71
10.75 -		2	2		6	1		11
11.75 -		5	8	8	2	4		27
12.75 -		1	3	1	1	1		7
13.75 -		1		2	1	1		5
14.75 -	1		1	1	4	4		11
CALM							5	5
TOTAL	4431	3911	4351	1168	1010	443	9	15323
MAX	15.00	14.00	16.00	15.00	15.00	16.50	.00	16.50

AREA E23		DATA NUMBER						
(00N-10N, 130E-150E)		MEAN OF DATA						
		8901						
		1.71 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	679	35	27	7	2		85	835
0.75 -	2031	1285	736	57	38	35		4182
1.75 -	759	1125	825	142	57	36		2944
2.75 -	113	271	308	38	29	4		763
3.75 -	8	46	53	13	11	6		137
4.75 -	1	6	4		1			12
5.75 -			2			1		3
6.75 -			1	1				2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							23	23
TOTAL	3591	2768	1956	258	138	82	108	8901
MAX	5.00	5.00	7.00	7.50	5.00	6.00	.00	7.50

AREA M06N		DATA NUMBER						
(42.5N-45N, 150E-160E)		MEAN OF DATA						
		7863						
		2.90 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	104	8	4	6			4	126
0.75 -	1077	341	182	33	16	7		1656
1.75 -	999	723	529	125	47	17		2440
2.75 -	458	558	498	190	89	22		1815
3.75 -	157	288	397	90	81	49		1062
4.75 -	11	63	144	32	44	14		308
5.75 -	11	24	48	30	30	11		154
6.75 -	5	78	52	16	16	7		174
7.75 -	1	7	19	12	6	7		52
8.75 -	4	1	14	5	6	2		32
9.75 -	1	4	11	4	14	2		36
10.75 -		1			2	1		4
11.75 -				2	1			3
12.75 -								
13.75 -								
14.75 -								
CALM							1	1
TOTAL	2828	2096	1898	545	352	139	5	7863
MAX	10.50	11.00	10.00	12.00	12.00	11.00	.00	12.00

AREA M03		DATA NUMBER							3755
(45N-50N, 150E-160F)		MEAN OF DATA							3.05 M
		PERIOD (SEC)							
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	61	5	1	4			6	77	
0.75 -	435	128	80	10	6	3		662	
1.75 -	414	342	246	56	12	12		1082	
2.75 -	189	376	258	53	41	19		936	
3.75 -	70	159	201	53	48	13		544	
4.75 -	1	46	97	15	17	5		181	
5.75 -	7	16	37	14	7	7		88	
6.75 -	2	52	33	26	5	3		121	
7.75 -		1	7	6	7	1		22	
8.75 -	1	2	1	3	2	1		10	
9.75 -	2	2	4	3	7	1		19	
10.75 -	1			3				4	
11.75 -	4							4	
12.75 -	1							1	
13.75 -									
14.75 -			1			1		2	
CALM							2	2	
TOTAL	1188	1129	966	246	152	66	8	3755	
MAX	13.50	10.00	16.50	11.00	10.00	15.00	.00	16.50	

WAVE HEIGHT - PERIOD

SEASON WINTER

AREA M07N (42.5N-45N, 160E-170E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	44		1	6	1			52
0.75 -	719	185	60	18	13	2		997
1.75 -	793	466	460	103	38	18		1878
2.75 -	480	518	560	180	145	36		1919
3.75 -	123	200	377	81	82	66		929
4.75 -	18	55	131	42	37	6		289
5.75 -	5	23	71	30	50	16		195
6.75 -	15	92	33	28	26	16		210
7.75 -	5	10	4	7	10	14		50
8.75 -	3	11	7	7	16	12		56
9.75 -			11	1	8	1		21
10.75 -								
11.75 -			2	6	1			9
12.75 -			1					1
13.75 -								
14.75 -								
CALM								
TOTAL	2205	1560	1718	509	427	187		6606
MAX	9.00	9.50	13.00	12.00	12.00	10.00		13.00

AREA M09S (35N-37.5N, 150E-160E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	102	2	1	11			8	124
0.75 -	911	223	112	13	8			1267
1.75 -	930	512	571	170	58	14		2255
2.75 -	497	669	571	215	114	41		2107
3.75 -	153	269	402	98	69	42		1033
4.75 -	11	54	140	47	44	14		310
5.75 -	16	40	73	34	34	13		210
6.75 -	8	66	37	24	28	13		176
7.75 -	6	5	8	5	21	11		56
8.75 -	3	8	5	12	8	6		42
9.75 -	1	5	7	2	2	2		19
10.75 -								
11.75 -								
12.75 -					1			1
13.75 -						1		1
14.75 -					2	2		4
CALM							1	1
TOTAL	2638	1853	1927	631	389	159	9	7606
MAX	10.00	10.00	10.00	10.00	16.50	15.00	.00	16.50

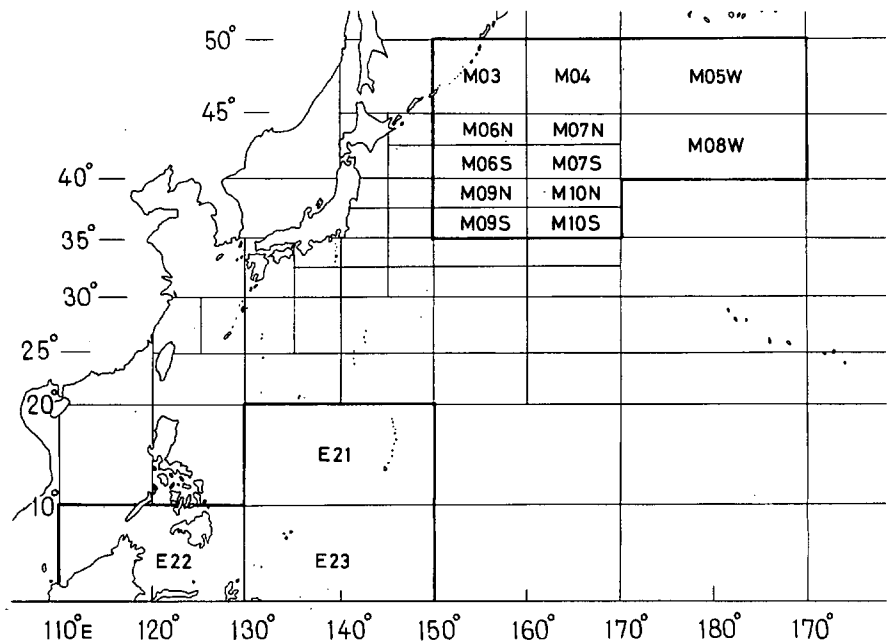
AREA M07S (40N-42.5N, 160E-170E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	46		3	8				57
0.75 -	377	119	46	13	5	5		565
1.75 -	464	347	369	84	35	7		1306
2.75 -	204	395	376	118	121	25		1239
3.75 -	66	220	292	62	69	34		743
4.75 -	8	34	103	26	20			191
5.75 -	3	12	25	14	24	14		92
6.75 -	4	45	36	17	19	15		136
7.75 -	5	15	13	10	11	6		60
8.75 -	5	3	6	3	3	12		32
9.75 -		3	7		5			15
10.75 -		1			1			2
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -					1			1
CALM							2	2
TOTAL	1182	1194	1276	356	314	118	2	4442
MAX	9.00	11.00	10.00	12.00	15.00	9.50	.00	15.00

AREA M10N (37.5N-40N, 160E-170E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	43		1	6			3	53
0.75 -	367	112	34	4	2	1		520
1.75 -	457	312	302	114	41	11		1237
2.75 -	290	379	355	154	95	21		1294
3.75 -	80	149	258	91	91	31		700
4.75 -	8	28	89	40	36	10		211
5.75 -	6	5	33	30	32	10		116
6.75 -	12	32	37	27	27	14		149
7.75 -	6	10	5	12	11	5		49
8.75 -	1	8	1	3	9	3		25
9.75 -		1	1	2	21			25
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	1270	1036	1116	484	365	106	5	4382
MAX	9.00	10.00	10.00	12.00	10.00	9.00	.00	12.00

AREA M08W (40N-45N, 170E-170W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	141	3	2	16	4	1	8	175
0.75 -	1141	286	102	28	25	7		1589
1.75 -	1105	711	585	225	65	40		2731
2.75 -	677	839	762	311	180	71		2840
3.75 -	208	349	614	140	161	87		1559
4.75 -	21	90	252	91	81	21		556
5.75 -	22	37	99	46	90	34		328
6.75 -	22	115	81	41	48	27		334
7.75 -	2	18	24	17	29	8		98
8.75 -		11	8	9	19	15		62
9.75 -		4	22	2	16	9		53
10.75 -			1		3	4		8
11.75 -					4	4		8
12.75 -								
13.75 -					2			2
14.75 -						4		4
CALM							5	5
TOTAL	3339	2463	2552	926	727	332	13	10352
MAX	8.50	10.00	11.50	10.00	14.00	15.00	.00	15.00

AREA M10S (35N-37.5N, 160E-170E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	56	1	1	8		1	4	71
0.75 -	590	143	59	14	9	3		818
1.75 -	651	406	415	120	59	21		1672
2.75 -	405	460	453	167	98	45		1628
3.75 -	138	206	382	109	97	35		967
4.75 -	13	49	124	24	43	16		269
5.75 -	8	20	54	36	39	15		172
6.75 -	9	49	34	38	17	6		153
7.75 -	5	5	15	4	12	5		46
8.75 -	4	6	10	2	6	1		29
9.75 -		2	11	1	7	1		22
10.75 -								
11.75 -					1			1
12.75 -								
13.75 -								
14.75 -			1	2	1			4
CALM							1	1
TOTAL	1879	1347	1559	525	389	149	5	5853
MAX	9.00	10.00	15.00	15.00	15.00	10.00	.00	15.00

AREA M09N (37.5N-40N, 150E-160E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	63	3	1	6			3	76
0.75 -	717	244	109	14	9	1		1094
1.75 -	632	514	449	103	59	16		1773
2.75 -	386	561	474	168	80	26		1695
3.75 -	133	266	372	107	89	26		993
4.75 -	14	58	127	32	49	6		286
5.75 -	2	24	59	16	28	3		132
6.75 -	3	51	33	11	20	5		123
7.75 -	1	7	28	11	19	6		72
8.75 -	1	4	10	8	1	8		32
9.75 -		2	8	2	4	3		19
10.75 -					1			1
11.75 -			2	4	3	5		14
12.75 -								
13.75 -								
14.75 -					1			1
CALM							1	1
TOTAL	1952	1734	1672	482	363	105	4	6312
MAX	9.00	10.00	12.00	12.50	15.00	12.00	.00	15.00



WAVE HEIGHT - PERIOD

SEASON WINTER

AREA M11W		(35N-40N, 170E-170W)						DATA NUMBER		12982	
								MEAN OF DATA		3.05 M	
		PERIOD (SEC)									
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM		TOTAL	
0.00 -		184	5	2	16			18		225	
0.75 -		1625	312	176	39	40	12			2204	
1.75 -		1442	990	765	287	148	74			3706	
2.75 -		778	1004	998	376	220	90			3456	
3.75 -		240	424	716	256	203	113			1957	
4.75 -		18	82	244	85	102	25			556	
5.75 -		18	26	114	68	69	43			338	
6.75 -		27	107	64	42	33	40			313	
7.75 -		6	10	17	20	25	14			92	
8.75 -		4	26	9	8	13	8			68	
9.75 -			6	7	1	13	3			30	
10.75 -				1		1				2	
11.75 -				2	10	3				15	
12.75 -			1	1						2	
13.75 -			1	1						2	
14.75 -			1	2	1	6				10	
CALM								6		6	
TOTAL		4342	2995	3109	1209	881	422	24		12982	
MAX		9.50	15.00	15.00	17.50	15.00	10.00	.00		17.50	

AREA M13S								DATA NUMBER		8142	
(30N-32.5N, 160E-170E)								MEAN OF DATA		2.73 M	
		PERIOD (SEC)									
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL			
0.00 -	165	7	1	12			8	193			
0.75 -	1368	261	163	32	23	4		1851			
1.75 -	999	657	636	201	80	41		2614			
2.75 -	426	535	578	207	130	35		1911			
3.75 -	129	191	342	110	92	31		895			
4.75 -	12	47	140	49	59	14		321			
5.75 -	6	14	59	28	24	17		148			
6.75 -	3	28	32	20	20	13		116			
7.75 -		1	13	8	13	10		45			
8.75 -		4	5	3	4	1		17			
9.75 -		3	5	6	3	1		18			
10.75 -			2					2			
11.75 -		2		3	1			6			
12.75 -		1						1			
13.75 -											
14.75 -											
CALM							4	4			
TOTAL	3108	1751	1976	679	449	167	12	8142			
MAX	7.50	13.00	11.00	12.00	12.00	10.00	.00	13.00			

AREA M12N		(32.5N-35N, 150E-160E)						DATA NUMBER		10504	
		PERIOD (SEC)						MEAN OF DATA		2.96 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL			
0.00 -	149	1	8	17			5	180			
0.75 -	1374	288	173	34	19	13		1901			
1.75 -	1182	979	845	241	71	32		3350			
2.75 -	617	759	795	303	137	38		2649			
3.75 -	194	312	516	150	107	54		1333			
4.75 -	18	76	177	71	50	16		408			
5.75 -	17	36	83	45	50	11		242			
6.75 -	11	76	63	27	47	24		248			
7.75 -	8	4	17	21	15	5		70			
8.75 -	2	3	17	11	19	7		59			
9.75 -	3	1	19	11	13	2		49			
10.75 -			1	2	3	1		7			
11.75 -			1	2	2			5			
12.75 -											
13.75 -											
14.75 -		1						1			
CALM							2	2			
TOTAL	3575	2536	2715	935	533	203	7	10504			
MAX	10.00	15.00	12.00	12.00	12.50	11.00	.00	15.00			

AREA M14W		(30N-35N, 170E-170W)							DATA NUMBER		24120	
									MEAN OF DATA		2.77 M	
		PERIOD (SEC)										
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM		TOTAL		
0.00 -		641	10	15	52	3	2	22		746		
0.75 -		4108	783	500	94	66	30			5581		
1.75 -		2532	1791	1655	500	321	128			6927		
2.75 -		1109	1527	1932	589	492	145			5794		
3.75 -		340	620	1132	382	314	141			2929		
4.75 -		30	144	417	133	177	38			939		
5.75 -		17	53	132	85	113	41			441		
6.75 -		7	93	104	49	82	22			357		
7.75 -		8	12	32	23	37	23			135		
8.75 -		4	21	21	13	17	16			92		
9.75 -		3	9	17	6	18	14			67		
10.75 -					4	4				8		
11.75 -			5	5	4	5	2			21		
12.75 -				4			1			5		
13.75 -			1	1	1	1				4		
14.75 -			2	4	2	2	2			12		
CALM								62		62		
TOTAL		8799	5071	5972	1937	1652	605	84		24120		
MAX		10.00	17.50	15.00	15.00	15.00	18.00	.00		18.00		

AREA M12S		(30N-32.5N, 150E-160E)						DATA NUMBER		10141	
		PERIOD (SEC)						MEAN OF DATA		2.87 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL			
0.00 -	179	3	3	16			8	209			
0.75 -	1579	289	166	36	34	6		2110			
1.75 -	1269	847	701	168	92	39		3116			
2.75 -	530	756	760	234	118	41		2439			
3.75 -	178	334	516	135	123	47		1333			
4.75 -	19	65	193	58	55	18		408			
5.75 -	11	15	79	35	27	12		179			
6.75 -	3	34	59	21	17	16		150			
7.75 -	8	4	19	7	22	12		72			
8.75 -	1	6	18	14	12	6		57			
9.75 -	1	3	11	15	17	1		48			
10.75 -			3	1	1			5			
11.75 -			3	1				4			
12.75 -				1	1			2			
13.75 -				1				1			
14.75 -	1	3						4			
CALM							4	4			
TOTAL	3779	2359	2531	743	519	198	12	10141			
MAX	15.50	15.00	12.50	14.00	13.00	10.00	.00	15.50			

WAVE HEIGHT - PERIOD

SEASON WINTER

AREA M17W (25N-30N, 170E-170W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 21107 2.46 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	958	9	7	59	1		57	1091
0.75 -	4129	988	556	131	99	65		5968
1.75 -	2021	1789	1766	571	360	117		6624
2.75 -	772	1128	1376	478	385	115		4254
3.75 -	212	397	731	211	226	123		1900
4.75 -	38	93	268	86	86	31		602
5.75 -	13	36	79	35	61	23		247
6.75 -	10	43	44	24	37	20		178
7.75 -	4	5	13	10	34	6		72
8.75 -	7	16	15	5	18	4		65
9.75 -	1	3	13	3	20	5		45
10.75 -			1	1	1	1		4
11.75 -		1	1	2	4			8
12.75 -					1	1		2
13.75 -		2	1					3
14.75 -	1				1	2		4
CALM							40	40
TOTAL	8166	4510	4871	1616	1334	513	97	21107
MAX	20.00	14.00	14.50	12.50	15.00	15.00	.00	20.00

AREA M21 (10N-20N, 150E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 10859 1.93 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	600	29	19	24	1	3	61	737
0.75 -	3148	872	473	77	69	34		4673
1.75 -	1169	1102	729	169	150	79		3398
2.75 -	288	479	466	71	123	40		1467
3.75 -	18	130	156	35	52	19		410
4.75 -	8	28	35	10	11	4		96
5.75 -		9	17	3	11	2		42
6.75 -		3	1			1		5
7.75 -		5						5
8.75 -								
9.75 -								
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM							25	25

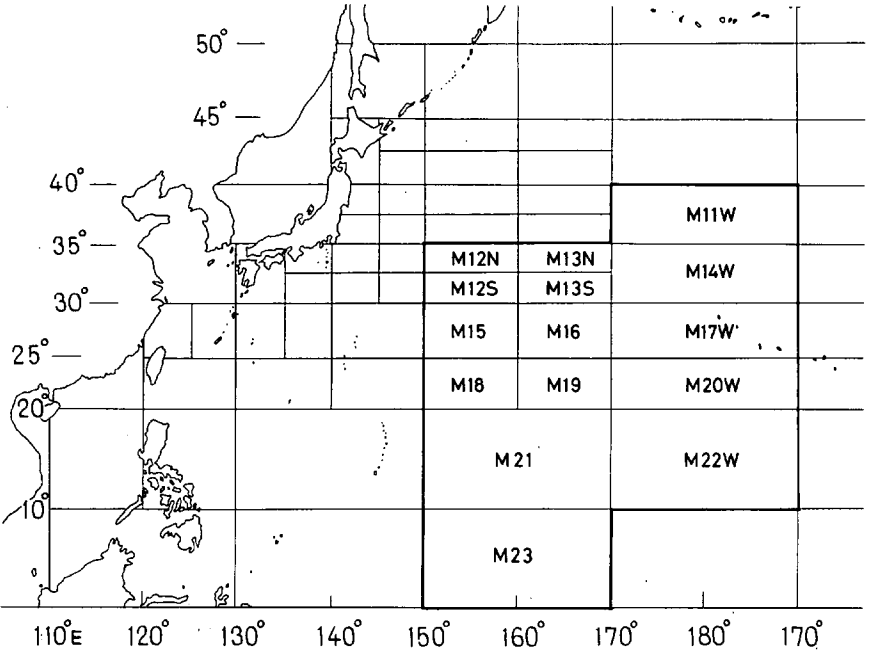
AREA M18 (20N-25N, 150E-160E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 4415 1.90 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	313	13	2	15		2	36	381
0.75 -	1143	369	235	47	47	19		1860
1.75 -	375	400	385	93	61	33		1347
2.75 -	109	156	202	50	49	20		586
3.75 -	15	52	81	19	13	7		187
4.75 -	2	7	12	1	3			25
5.75 -		4	3	3	5	1		16
6.75 -						1		1
7.75 -			1					1
8.75 -								
9.75 -			1					1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							10	10
TOTAL	1957	1001	922	228	178	83	46	4415
MAX	5.00	6.00	10.00	6.00	6.50	7.50	.00	10.00

AREA M22W (10N-20N, 170E-170W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 7768 2.03 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	472	26	18	38	3	5	31	593
0.75 -	1901	569	367	77	56	26		2996
1.75 -	719	763	571	129	109	47		2338
2.75 -	294	384	355	96	105	41		1275
3.75 -	34	124	124	26	37	19		364
4.75 -	4	17	39	13	19	5		97
5.75 -	1	1	22	7	12	3		46
6.75 -	1	5	5	2	5	1		19
7.75 -			3		1			4
8.75 -				1	3	1		5
9.75 -					1			1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							30	30
TOTAL	3426	1889	1504	389	351	148	61	7768
MAX	7.00	7.50	8.00	9.00	10.50	9.50	.00	10.50

AREA M19 (20N-25N, 160E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 4614 1.95 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	325	18	6	21		1	39	410
0.75 -	1115	389	219	36	42	24		1825
1.75 -	348	372	444	132	109	34		1439
2.75 -	80	169	221	78	80	32		660
3.75 -	9	51	55	27	44	13		199
4.75 -	2	5	13	5	16			41
5.75 -		3	6	1	2	1		13
6.75 -			1		3			4
7.75 -			1	4				5
8.75 -			1			1		2
9.75 -								
10.75 -			1					1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							15	15
TOTAL	1879	1007	968	304	296	106	54	4614
MAX	5.00	6.50	11.50	8.50	7.50	9.50	.00	11.50

AREA M23 (00N-10N, 150E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 6277 1.66 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	535	38	13	3	5	1	29	624
0.75 -	1844	900	401	67	34	30		3276
1.75 -	557	643	375	61	25	17		1678
2.75 -	99	196	159	34	9	12		509
3.75 -	2	43	59	13	14	2		133
4.75 -	4	2	9	2	17			34
5.75 -	1		1		3	1		6
6.75 -		1	2					3
7.75 -								
8.75 -								
9.75 -								
10.75 -	1							1
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							12	12
TOTAL	3043	1823	1019	181	107	63	41	6277
MAX	11.00	7.50	7.50	12.00	6.00	6.50	.00	12.00

AREA M20W (20N-25N, 170E-170W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 15483 2.18 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	865	16	15	56	4	1	54	1011
0.75 -	3491	899	576	131	97	41		5235
1.75 -	1372	1408	1351	460	271	113		4975
2.75 -	423	727	898	326	253	84		2711
3.75 -	87	203	417	107	108	87		1009
4.75 -	9	41	121	54	53	17		295
5.75 -	4	31	33	25	13	9		115
6.75 -	2	12	13	8	12	12		59
7.75 -	1	4	6	3	6			20
8.75 -		1	2		1	5		9
9.75 -	1		1		4			6
10.75 -								
11.75 -				1				1
12.75 -					1			1
13.75 -		1						1
14.75 -								
CALM							35	35
TOTAL	6255	3343	3433	1171	823	369	89	15483
MAX	10.00	14.50	10.00	12.00	13.00	9.00	.00	14.50



WAVE HEIGHT — PERIOD

SEASON WINTER

AREA M24W (00N-10N, 170E-170W)								
HEIGHT (M)	PERIOD (SEC)						DATA NUMBER MEAN OF DATA	
	-5	6-7	8-9	10-11	12-13	14-	CALM	2111 1.75 M
0.00 -	196	6	8			1	13	224
0.75 -	633	214	91	20	15	2		975
1.75 -	187	194	157	42	20	7		607
2.75 -	28	80	61	39	8	3		219
3.75 -	11	20	14	4	13	1		60
4.75 -			3		9	4		16
5.75 -	1		1		3			5
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	1056	514	335	105	68	18	15	2111
MAX	6.00	4.50	6.00	4.50	6.00	5.50	.00	6.00

AREA W04 (50N-55N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)						DATA NUMBER MEAN OF DATA	
	-5	6-7	8-9	10-11	12-13	14-	CALM	11987 2.93 M 1.71 M
0.00 -	185	31	13	12			5	246
0.75 -	1132	857	347	95	67	17	33	2548
1.75 -	711	1210	1096	391	129	83	42	3662
2.75 -	223	719	745	415	189	92	45	2468
3.75 -	87	331	578	283	138	62	19	1498
4.75 -	21	123	186	139	93	22	5	589
5.75 -	1	58	157	108	57	40	8	429
6.75 -		27	63	59	32	20	1	202
7.75 -		16	22	26	19	16	1	100
8.75 -		2	11	18	13	13	1	58
9.75 -		3	10	10	18	11	1	53
10.75 -			3	3		5		11
11.75 -			1	2	1	1		5
12.75 -								
13.75 -			2	1	1			4
14.75 -			1		2	2		5
CALM	25	1					83	109
TOTAL	2385	3378	3275	1562	759	384	244	11987
MAX	6.00	10.00	15.00	14.00	15.00	15.00	10.00	15.00

AREA W01 (55N-65N, 170W-160W)								
HEIGHT (M)	PERIOD (SEC)						DATA NUMBER MEAN OF DATA	
	-5	6-7	8-9	10-11	12-13	14-	CALM	7359 2.22 M 1.60 M
0.00 -	453	103	24	18			2	600
0.75 -	1515	541	235	65	35	7		2398
1.75 -	959	757	261	72	27	10	2	2088
2.75 -	137	750	289	41	22	1	1	1241
3.75 -	31	168	272	81	12		1	565
4.75 -	3	40	71	30	12			156
5.75 -		12	33	35	5	3		88
6.75 -		11	11	20	9	3		54
7.75 -		6	7	6	1			20
8.75 -			6	1	2	16		25
9.75 -			1	1	1			3
10.75 -								
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -				1				1
CALM	70						48	118
TOTAL	3168	2388	1210	373	126	40	54	7359
MAX	5.00	8.50	10.00	15.00	10.00	9.50	4.00	15.00

AREA W05 (45N-50N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)						DATA NUMBER MEAN OF DATA	
	-5	6-7	8-9	10-11	12-13	14-	CALM	9745 2.99 M 1.57 M
0.00 -	96	16	6	11			1	130
0.75 -	526	753	317	93	42	11	16	1758
1.75 -	373	953	1101	462	131	46	20	3086
2.75 -	144	675	797	458	210	70	10	2364
3.75 -	28	247	522	262	157	102	10	1328
4.75 -	18	71	158	139	68	12	5	471
5.75 -		28	65	56	71	38	2	260
6.75 -		17	45	45	34	19	1	161
7.75 -		8	11	15	15	15	3	67
8.75 -		1	15	4	17	27		64
9.75 -			9	11	9	9		38
10.75 -		1		1		1		3
11.75 -				1	1			2
12.75 -				1	1			2
13.75 -								
14.75 -								
CALM	7		1				3	11
TOTAL	1192	2770	3047	1559	756	350	71	9745
MAX	5.50	11.00	10.00	13.50	13.00	11.00	8.50	13.50

AREA W02 (55N-65N, 160W-130W)								
HEIGHT (M)	PERIOD (SEC)						DATA NUMBER MEAN OF DATA	
	-5	6-7	8-9	10-11	12-13	14-	CALM	7630 2.39 M 1.58 M
0.00 -	405	33	19	13			5	475
0.75 -	1352	563	267	76	75	17	42	2392
1.75 -	638	724	424	204	75	41	28	2134
2.75 -	217	401	363	135	65	42	16	1239
3.75 -	77	199	225	86	45	28	12	672
4.75 -	22	66	63	45	14	4	2	216
5.75 -		37	51	39	14	13	2	156
6.75 -		20	31	21	6	9		87
7.75 -		3	9	8	7	5		32
8.75 -			2	4	1	5		12
9.75 -		2	1	3		7		13
10.75 -			6	1				7
11.75 -			1	2		4		7
12.75 -					1			1
13.75 -								
14.75 -			1		1			2
CALM	93	3					89	185
TOTAL	2804	2051	1463	637	304	175	196	7630
MAX	5.50	10.50	15.00	12.50	15.00	12.50	6.50	15.00

AREA W06 (45N-50N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)						DATA NUMBER MEAN OF DATA	
	-5	6-7	8-9	10-11	12-13	14-	CALM	13474 2.89 M 1.57 M
0.00 -	206	31	10	12			4	263
0.75 -	1091	964	389	110	68	11	50	2683
1.75 -	671	1333	1358	492	176	94	97	4221
2.75 -	226	864	1070	517	274	99	29	3079
3.75 -	79	295	637	370	179	107	17	1684
4.75 -	21	103	258	182	99	28	4	695
5.75 -		46	108	102	61	43	9	369
6.75 -		21	54	67	46	29	3	220
7.75 -		3	16	9	20	12		60
8.75 -			10	5	15	30	7	67
9.75 -		2	9	7	6	10		34
10.75 -			7	1		1		9
11.75 -				2	1		1	4
12.75 -			1					1
13.75 -						1		1
14.75 -					1			1
CALM	28	1					54	83
TOTAL	2322	3663	3927	1876	946	465	275	13474
MAX	5.50	10.00	13.50	12.50	15.00	14.00	12.00	15.00

AREA W03 (50N-55N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)						DATA NUMBER MEAN OF DATA	
	-5	6-7	8-9	10-11	12-13	14-	CALM	13232 2.74 M 1.60 M
0.00 -	353	37	19	14			2	425
0.75 -	1415	976	531	155	71	11	12	3171
1.75 -	815	1392	1293	535	117	37	17	4206
2.75 -	247	819	808	439	187	82	10	2592
3.75 -	72	382	556	328	141	69	8	1556
4.75 -	25	113	214	139	43	14	4	552
5.75 -		74	78	76	41	28		297
6.75 -		35	43	45	35	22		180
7.75 -		9	11	20	28	13		81
8.75 -			9	17	13	22		61
9.75 -		2	12	5	9	5		33
10.75 -			2	4	1	4		11
11.75 -				3		4		7
12.75 -					2	1		3
13.75 -						2		2
14.75 -			2		1	1		4
CALM	31	2					18	51
TOTAL	2958	3841	3578	1780	689	315	71	13232
MAX	5.50	10.00	15.00	12.00	15.00	15.00	5.00	15.00

AREA W07 (45N-55N, 130W-110W)					DATA NUMBER MEAN OF DATA S.D. OF DATA				8510 2.07 M 1.40 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	388	287	86	18			11	790	
0.75 -	1458	1119	402	82	52	10	39	3162	
1.75 -	468	804	505	172	66	41	35	2091	
2.75 -	172	454	300	130	63	46	27	1192	
3.75 -	72	148	195	89	39	13	6	562	
4.75 -	12	42	82	30	19	7		192	
5.75 -		23	35	30	19	12	3	122	
6.75 -		11	15	5	9	7	3	50	
7.75 -		3	6	2	3	3	1	18	
8.75 -		2	2	4		2		10	
9.75 -			1	1	4	2		8	
10.75 -				1		1		2	
11.75 -									
12.75 -									
13.75 -						1		1	
14.75 -									
CALM	63	2					245	310	
TOTAL	2633	2895	1629	564	274	145	370	8510	
MAX	5.50	9.00	10.00	11.00	10.50	14.00	8.00	14.00	

WAVE HEIGHT — PERIOD

SEASON WINTER

AREA W08

(40N-45N, 170W-150W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	114	16	15	1			2	148
0.75 -	502	416	220	62	52	11	40	1303
1.75 -	327	636	642	313	91	49	64	2122
2.75 -	102	504	527	334	212	83	41	1803
3.75 -	37	145	312	200	103	69	31	897
4.75 -	26	60	127	99	52	11	4	379
5.75 -	1	18	38	54	43	31	2	187
6.75 -		12	21	25	16	16	2	92
7.75 -		1	10	8	9	5	1	34
8.75 -			8	3	9	11		31
9.75 -			1	2	4	5		12
10.75 -			1				1	2
11.75 -			3					3
12.75 -					1	1		2
13.75 -								
14.75 -								
CALM	20	3					9	32
TOTAL	1129	1811	1925	1101	592	292	197	7047
MAX	6.00	8.50	12.50	10.00	13.00	13.50	11.50	13.50

AREA W12

(35N-40N, 150W-130W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	587	136	18	10			44	795
0.75 -	1907	1254	597	213	140	50	118	4279
1.75 -	767	1502	1281	639	254	123	113	4679
2.75 -	203	779	784	518	248	160	45	2737
3.75 -	73	223	413	257	144	77	34	1225
4.75 -	34	61	137	86	56	28	1	403
5.75 -		25	55	59	66	27	8	240
6.75 -		15	19	28	27	15	2	106
7.75 -		3	6	12	15	10		46
8.75 -		1	12	7	8	5		33
9.75 -			3	1	1	3		8
10.75 -					1	2		3
11.75 -						4		4
12.75 -								
13.75 -								
14.75 -								
CALM	89	5					117	211
TOTAL	3660	4004	3325	1830	964	504	482	14769
MAX	5.50	9.00	10.00	10.00	11.00	12.50	7.00	12.50

AREA W09

(40N-45N, 150W-130W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	171	19	22	14			14	240
0.75 -	799	647	317	107	46	15	58	1989
1.75 -	388	1003	899	367	119	53	64	2893
2.75 -	128	546	575	367	201	53	44	1914
3.75 -	52	202	309	176	99	46	12	896
4.75 -	23	58	135	101	66	15	4	402
5.75 -		29	65	66	35	40	2	237
6.75 -		14	35	30	14	25	2	120
7.75 -		10	13	19	7	12		61
8.75 -		3	7	4	2	10		26
9.75 -		4	8	6	1	3		22
10.75 -			2			1	1	4
11.75 -			2		2	1		5
12.75 -			1					1
13.75 -								
14.75 -								
CALM	29						49	78
TOTAL	1590	2535	2390	1257	592	274	250	8888
MAX	5.50	10.00	13.50	10.50	12.00	12.50	11.50	13.50

AREA W13

(35N-40N, 130W-110W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	808	126	32	40			23	1029
0.75 -	2052	1207	517	258	163	38	68	4303
1.75 -	655	1085	923	450	167	106	67	3453
2.75 -	169	449	474	245	146	69	42	1594
3.75 -	34	109	178	113	92	44	15	585
4.75 -	11	30	60	40	23	6	3	173
5.75 -		14	19	12	15	14	5	79
6.75 -		4	7	8	7	3		29
7.75 -		1	2	7	3	1	1	15
8.75 -			1	2	1	1		5
9.75 -			1					1
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM	132	3					126	261
TOTAL	3861	3028	2215	1175	617	282	350	11528
MAX	5.50	8.00	10.00	9.00	9.00	9.00	8.00	10.00

AREA W10

(40N-45N, 130W-110W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	236	69	35	28			8	376
0.75 -	815	581	441	174	70	23	26	2130
1.75 -	358	510	575	264	64	32	25	1828
2.75 -	110	249	360	149	78	31	16	993
3.75 -	46	110	141	90	37	19	11	454
4.75 -	13	33	53	31	24	4	2	160
5.75 -		17	31	10	13	8	1	80
6.75 -		10	4	5	9	4		32
7.75 -		2	6	10	2	1		21
8.75 -			3	2	1	2	1	9
9.75 -		1	3		1	3		8
10.75 -								
11.75 -					2	1		3
12.75 -								
13.75 -								
14.75 -								
CALM	25						51	76
TOTAL	1603	1582	1652	763	301	128	141	6170
MAX	5.50	10.00	10.00	9.50	12.50	12.50	9.00	12.50

AREA W14

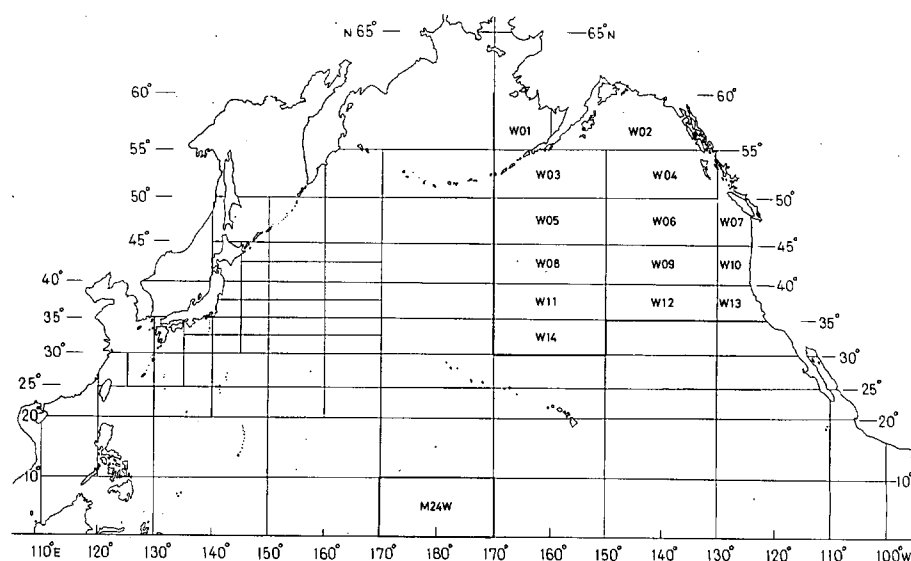
(30N-35N, 170W-150W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	327	39	18	9			8	401
0.75 -	1639	1203	563	243	153	39	86	3926
1.75 -	835	1639	1610	749	390	174	125	5522
2.75 -	294	863	1188	692	392	184	63	3676
3.75 -	96	339	606	421	222	122	36	1842
4.75 -	30	102	218	167	104	39	10	670
5.75 -		33	97	119	87	56		392
6.75 -		21	60	61	52	39	1	234
7.75 -		3	14	28	28	29		102
8.75 -		1	13	23	15	16	6	74
9.75 -		1	4	17	5	17		44
10.75 -			1	1		3		5
11.75 -			2	3	5	8		18
12.75 -			1	3				4
13.75 -			1	1		1		3
14.75 -			2	2	2	3		9
CALM	54	4					28	86
TOTAL	3275	4248	4398	2539	1455	730	363	17008
MAX	5.50	10.00	15.00	15.00	15.00	16.00	9.50	16.00

AREA W11

(35N-40N, 170W-150W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	152	19	8	3			2	184
0.75 -	913	622	329	104	68	21	23	2080
1.75 -	470	1013	938	445	175	99	89	3229
2.75 -	162	690	783	453	226	136	43	2493
3.75 -	54	247	386	320	151	80	21	1259
4.75 -	6	48	190	124	60	26	9	463
5.75 -		28	81	86	82	35		312
6.75 -		20	30	30	37	22	2	141
7.75 -		1	12	14	17	7	1	52
8.75 -			2	7	8	7		24
9.75 -			4	7	3	4	1	19
10.75 -				1		2	2	5
11.75 -			3		6	1		10
12.75 -								
13.75 -								
14.75 -				2	1			3
CALM	17	1					25	43
TOTAL	1774	2689	2766	1596	834	440	218	10317
MAX	5.50	8.00	12.50	15.00	15.00	12.50	11.50	15.00



WAVE HEIGHT - PERIOD

SEASON WINTER

AREA W15 (30N-35N, 150W-130W)									
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL	DATA NUMBER MEAN OF DATA S.D. OF DATA
	-5	6-7	8-9	10-11	12-13	14-			
0.00 -	933	81	38	53			36	1141	24504 2.24 M 1.23 M
0.75 -	3605	2357	1093	470	316	99	211	8151	
1.75 -	1489	2474	2057	1092	522	297	204	8135	
2.75 -	385	1057	1250	784	371	181	91	4119	
3.75 -	92	389	526	306	235	105	51	1704	
4.75 -	35	96	158	135	70	33	12	539	
5.75 -		30	67	61	77	33	12	280	
6.75 -		15	21	18	30	17	1	102	
7.75 -		1	4	5	7	3		20	
8.75 -		4	2	4	2	4		16	
9.75 -		1	5		1	5	1	13	
10.75 -					2	1		3	
11.75 -			1	2				3	
12.75 -									
13.75 -									
14.75 -									
CALM	154	2	1		1		120	278	
TOTAL	6693	6507	5223	2930	1634	778	739	24504	
MAX	5.50	10.00	12.00	12.50	11.00	11.50	10.00	12.50	

AREA W19 (25N-30N, 130W-110W)									
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL	DATA NUMBER MEAN OF DATA S.D. OF DATA
	-5	6-7	8-9	10-11	12-13	14-			
0.00 -	1562	151	75	93			33	1914	10514 1.36 M 0.84 M
0.75 -	2766	1355	617	250	180	38	70	5276	
1.75 -	506	704	560	188	92	66	28	2144	
2.75 -	56	132	144	85	45	17	4	483	
3.75 -	6	24	41	27	25	13	5	141	
4.75 -	1	3	6	7	6	1		24	
5.75 -					1			1	
6.75 -				1		2		3	
7.75 -			1					1	
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	283		2				242	527	
TOTAL	5180	2369	1446	651	349	137	382	10514	
MAX	5.50	5.00	8.00	7.50	6.50	7.00	4.50	8.00	

AREA W16 (30N-35N, 130W-110W)									
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL	DATA NUMBER MEAN OF DATA S.D. OF DATA
	-5	6-7	8-9	10-11	12-13	14-			
0.00 -	3192	533	257	223			206	4411	21802 1.43 M 1.04 M
0.75 -	4529	2613	1222	573	358	40	254	9589	
1.75 -	864	1400	1052	613	244	104	72	4349	
2.75 -	133	403	424	265	130	81	24	1460	
3.75 -	39	104	133	88	75	34	13	486	
4.75 -	5	26	26	43	18	6	2	126	
5.75 -		14	22	15	9	10		70	
6.75 -			2	6	6	5	2	21	
7.75 -			3	1	2	4		10	
8.75 -			6	2	1	5		14	
9.75 -					1	1		2	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	531	9	6		4		714	1264	
TOTAL	9293	5102	3153	1829	848	290	1287	21802	
MAX	5.50	6.00	9.00	9.00	10.00	10.00	7.00	10.00	

AREA W20 (20N-25N, 170W-150W)									
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL	DATA NUMBER MEAN OF DATA S.D. OF DATA
	-5	6-7	8-9	10-11	12-13	14-			
0.00 -	1153	120	76	47			21	1417	22625 2.07 M 1.16 M
0.75 -	3916	2322	1055	422	250	67	185	8227	
1.75 -	1481	2321	2098	905	430	244	185	7664	
2.75 -	338	847	897	607	332	145	67	3233	
3.75 -	101	242	352	244	158	70	16	1183	
4.75 -	27	80	108	74	47	19	8	363	
5.75 -		26	28	32	25	17	1	129	
6.75 -		15	18	13	13	13	1	73	
7.75 -		6	8	5	9	1		29	
8.75 -		1		2	7	3		13	
9.75 -		2	6		4	3		15	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	163	4	1				111	279	
TOTAL	7179	5986	4657	2351	1275	582	595	22625	
MAX	5.50	10.00	10.50	9.00	10.00	10.00	7.50	10.50	

AREA W17 (25N-30N, 170W-150W)									
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL	DATA NUMBER MEAN OF DATA S.D. OF DATA
	-5	6-7	8-9	10-11	12-13	14-			
0.00 -	359	40	11	14			17	441	13281 2.54 M 1.39 M
0.75 -	1581	986	429	215	131	42	130	3514	
1.75 -	747	1445	1115	583	239	154	113	4396	
2.75 -	251	664	842	492	275	126	52	2702	
3.75 -	74	235	401	259	157	89	25	1240	
4.75 -	27	75	137	107	72	29	3	450	
5.75 -		28	56	57	58	24	7	230	
6.75 -		19	32	34	21	18	2	126	
7.75 -		2	10	7	15	10	1	45	
8.75 -			12	4	4	7	1	28	
9.75 -				2	2	2	1	7	
10.75 -			1	1		1		3	
11.75 -				2		1	1	4	
12.75 -						1		1	
13.75 -									
14.75 -									
CALM	58						36	94	
TOTAL	3097	3494	3046	1777	974	504	389	13281	
MAX	5.50	8.00	11.00	12.50	10.00	13.00	12.50	13.00	

AREA W21 (20N-25N, 150W-130W)									
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL	DATA NUMBER MEAN OF DATA S.D. OF DATA
	-5	6-7	8-9	10-11	12-13	14-			
0.00 -	387	33	24	14			8	466	9233 2.12 M 1.12 M
0.75 -	1651	890	445	137	105	38	56	3322	
1.75 -	606	1000	857	389	202	108	50	3212	
2.75 -	166	342	409	270	157	62	33	1439	
3.75 -	46	85	127	118	50	40	11	477	
4.75 -	4	16	32	57	21	13	5	148	
5.75 -		9	27	21	9	5		71	
6.75 -		1	7	4	4	1		17	
7.75 -				9	3			12	
8.75 -			1					1	
9.75 -			1			1		2	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -							1	1	
CALM	48	2					15	65	
TOTAL	2908	2378	1930	1019	551	269	178	9233	
MAX	5.00	7.50	10.00	8.50	8.50	17.00	5.50	17.00	

AREA W18 (25N-30N, 150W-130W)									
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL	DATA NUMBER MEAN OF DATA S.D. OF DATA
	-5	6-7	8-9	10-11	12-13	14-			
0.00 -	795	94	37	25			22	973	19524 2.14 M 1.14 M
0.75 -	3170	1832	882	407	301	58	194	6844	
1.75 -	1284	2025	1792	816	474	204	196	6791	
2.75 -	333	775	888	580	299	139	71	3085	
3.75 -	48	254	356	229	130	66	22	1105	
4.75 -	14	58	118	56	47	14	9	316	
5.75 -		17	46	14	27	27	7	138	
6.75 -		6	17	12	6	7	2	50	
7.75 -			3	4	3	3	1	14	
8.75 -			8	1	1	5		15	
9.75 -			1	1		4		6	
10.75 -									
11.75 -			2					2	
12.75 -									
13.75 -									
14.75 -									
CALM	103	5					77	185	
TOTAL	5747	5066	4150	2145	1288	527	601	19524	
MAX	5.50	7.50	12.50	10.00	9.50	10.00	8.00	12.50	

AREA W22 (20N-25N, 130W-110W)				PERIOD (SEC)		DATA NUMBER MEAN OF DATA S.D. OF DATA		9021 1.29 M 0.80 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1512	155	55	61			44	1827
0.75 -	2461	1183	522	189	193	44	68	4660
1.75 -	354	531	355	161	78	60	15	1554
2.75 -	38	122	111	64	42	9	4	390
3.75 -	5	19	30	18	6	18		96
4.75 -			3	2	3			8
5.75 -			2					2
6.75 -								
7.75 -				1				1
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	282	4	3				194	483
TOTAL	4652	2014	1081	496	322	131	325	9021
MAX	4.50	4.50	6.00	8.00	5.00	4.50	3.50	8.00

WAVE HEIGHT - PERIOD

SEASON WINTER

AREA W23

(10N-20N, 170W-150W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	282	41	26	16			8	373
0.75 -	1175	1072	536	180	105	39	80	3187
1.75 -	659	1114	882	400	133	123	78	3389
2.75 -	116	374	367	225	86	48	16	1232
3.75 -	45	89	165	99	55	11	5	469
4.75 -	16	13	41	30	7	3	2	112
5.75 -		4	20	7	5	9	1	46
6.75 -			7	6	2	2		17
7.75 -			2	2		1	1	6
8.75 -			1	1	1	1		4
9.75 -			1	1	1	2		5
10.75 -								
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM	40	2	2				38	82
TOTAL	2333	2709	2050	969	395	239	229	8924
MAX	5.00	6.00	10.00	12.50	10.00	10.00	8.00	12.50

AREA W27

(00N-10N, 150W-130W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	78	5	3	1			1	88
0.75 -	434	255	132	50	16	2	12	901
1.75 -	141	347	167	108	45	8	11	827
2.75 -	31	77	87	55	15	7	9	281
3.75 -	6	16	22	13	5			62
4.75 -		2	2	4	5		2	15
5.75 -				1	2			3
6.75 -						2		2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	18						2	20
TOTAL	708	702	413	232	88	19	37	2199
MAX	4.50	5.00	5.50	6.00	6.00	7.00	5.00	7.00

AREA W24

(10N-20N, 150W-130W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	293	23	20	33			7	376
0.75 -	1595	992	464	135	135	59	72	3452
1.75 -	842	1464	983	448	167	103	72	4079
2.75 -	152	444	441	210	105	62	41	1455
3.75 -	61	85	183	81	31	21	4	466
4.75 -	4	11	35	24	12	10		96
5.75 -		4	10	5	4	8	1	32
6.75 -		2	4	3	1	1		11
7.75 -				1		2		3
8.75 -					1			1
9.75 -				1		2		3
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	21						31	52
TOTAL	2968	3025	2140	941	456	268	228	10026
MAX	5.50	7.50	7.50	10.00	9.00	10.00	6.00	10.00

AREA W28

(00N-10N, 130W-110W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	134	10	8	7			1	160
0.75 -	450	356	165	90	22	13	40	1136
1.75 -	84	234	135	61	27	37	17	595
2.75 -	16	31	37	15	14	6	7	126
3.75 -	1	2	9	5	1			18
4.75 -					1			1
5.75 -					1			1
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	29						12	41
TOTAL	714	633	354	178	66	56	77	2078
MAX	6.00	4.00	4.50	4.00	6.00	3.00	3.50	6.00

AREA W25

(10N-20N, 130W-110W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	943	71	40	31			25	1110
0.75 -	3602	1903	712	307	238	95	96	6953
1.75 -	937	1455	943	381	201	116	40	4073
2.75 -	141	261	257	139	95	67	14	974
3.75 -	11	39	41	36	26	20	2	175
4.75 -	3	6	10	5	3	3	1	31
5.75 -		3	6	7	2	3		21
6.75 -			1		2	2		5
7.75 -		4			7			11
8.75 -								
9.75 -						2		2
10.75 -						1		1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	104	1	1				55	161
TOTAL	5741	3743	2011	906	574	309	233	13517
MAX	5.50	8.00	7.50	6.00	8.50	11.00	5.50	11.00

AREA W29

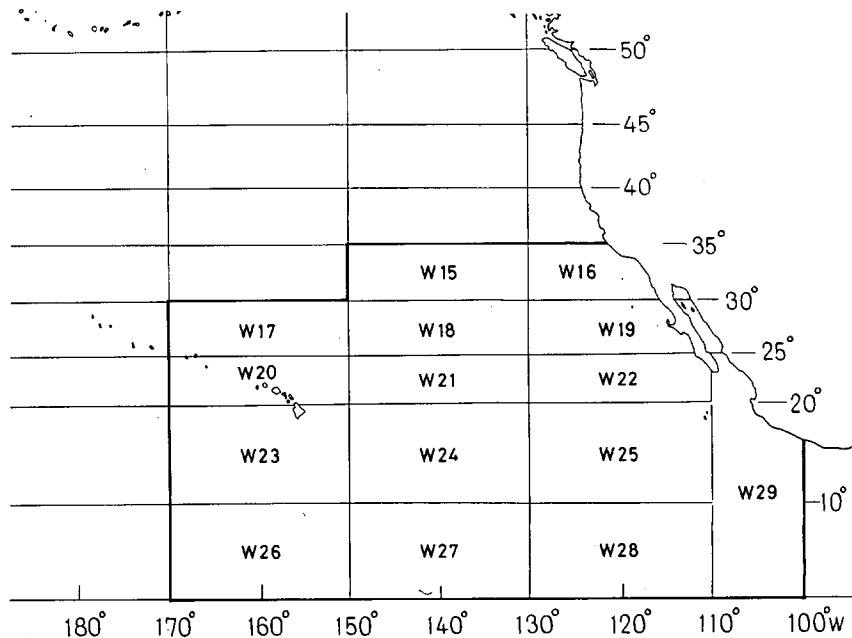
(00N-35N, 110W-100W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	4795	488	202	251			114	5850
0.75 -	5891	2875	1070	380	430	116	213	10975
1.75 -	602	831	422	152	104	86	41	2238
2.75 -	55	97	77	46	44	30	7	356
3.75 -	10	11	24	16	8	5	4	78
4.75 -	4	8	5	6		1	1	25
5.75 -		1	1			3		5
6.75 -						1		1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	1186	11	3		1		1035	2236
TOTAL	12543	4322	1804	851	587	242	1415	21764
MAX	5.50	6.00	6.00	5.00	4.50	7.00	5.50	7.00

AREA W26

(00N-10N, 170W-150W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	103	22	6	2			7	140
0.75 -	488	399	104	19	11	1	21	1043
1.75 -	191	289	220	80	23	5	13	821
2.75 -	67	100	86	47	11	14	11	336
3.75 -	12	31	18	4	2	2	4	73
4.75 -		4	8	5	8	4	2	31
5.75 -		3		3		1		7
6.75 -						1		1
7.75 -					1			1
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	11						3	14
TOTAL	872	848	442	160	56	28	61	2467
MAX	4.50	6.00	5.00	6.00	8.00	7.00	5.00	8.00



WAVE HEIGHT - PERIOD

ALL SEASONS

AREA E01-E23,M03-M24W,M03-W28								
(00N-55N, 110E-110W)								
DATA NUMBER 3564687								
MEAN OF DATA 1.92 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	316255	25000	10753	6879	812	752	16284	376735
0.75 -	883977	368899	155293	34377	23649	9568	8695	1484458
1.75 -	284372	322318	237483	68922	28636	14786	5622	962139
2.75 -	75933	137715	132627	48217	27460	10333	2057	434342
3.75 -	17088	40897	62267	22811	15792	7474	781	167110
4.75 -	2439	9394	19494	8198	6509	2231	214	48479
5.75 -	810	3572	7654	4701	4552	2364	121	23774
6.75 -	524	4911	4324	2718	2663	1583	43	16766
7.75 -	277	801	1485	1134	1508	792	15	6012
8.75 -	152	456	866	629	872	740	25	3740
9.75 -	48	237	792	329	617	378	8	2409
10.75 -	9	34	84	55	74	71	4	331
11.75 -	10	46	93	318	97	96	2	662
12.75 -	2	12	29	20	22	25		110
13.75 -		13	13	20	17	13		76
14.75 -	6	28	43	31	77	66		251
CALM	13076	278	124		16		23799	37293
TOTAL	1594978	914611	633424	199359	113373	51272	57670	3564687
MAX	20.00	20.00	20.00	20.00	17.50	20.00	12.50	20.00

AREA E03								
(40N-45N, 140E-145E)								
DATA NUMBER 3684								
MEAN OF DATA 1.43 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	541	110	89	5		3	26	774
0.75 -	930	645	264	91	11	8		1949
1.75 -	248	231	112	14	12	12		629
2.75 -	60	61	55	8	7	5		196
3.75 -	22	18	27	7	4	2		80
4.75 -	1	7	3		1	1		13
5.75 -	1	3	2		2			8
6.75 -		7	4		2	1		14
7.75 -	1	1		1				3
8.75 -	1				1			2
9.75 -		1				1		2
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							13	13
TOTAL	1805	1084	556	127	40	33	39	3684
MAX	9.00	10.00	7.00	12.00	9.00	10.00	.00	12.00

AREA E01								
(45N-50N, 140E-150E)								
DATA NUMBER 804								
MEAN OF DATA 1.44 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	144	39	5	1		1	2	192
0.75 -	181	153	16		1			351
1.75 -	55	66	42	3		2		168
2.75 -	13	37	16	3	2			71
3.75 -	2	3	5					10
4.75 -			2					2
5.75 -		1		1				2
6.75 -		1						1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	395	300	86	8	3	3	9	804
MAX	4.00	7.00	5.00	6.00	3.50	2.00	.00	7.00

AREA E04N								
(42.5N-45N, 145E-150E)								
DATA NUMBER 4017								
MEAN OF DATA 1.90 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	457	68	38	1	1	2	33	600
0.75 -	1077	429	193	34	19	6		1758
1.75 -	325	290	242	42	24	15		938
2.75 -	100	139	88	33	20	8		337
3.75 -	23	61	72	20	24	9		209
4.75 -		13	22	5	4	2		46
5.75 -	3	3	11	2	2	1		22
6.75 -		5	5	1	9	10		30
7.75 -		2	2		1			5
8.75 -					1	2		3
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -			1					1
CALM							18	18
TOTAL	1985	1009	674	138	105	55	51	4017
MAX	6.50	8.00	15.00	7.00	9.00	9.00	.00	15.00

AREA E02N								
(40N-50N, 120E-140E)								
DATA NUMBER 2724								
MEAN OF DATA 1.49 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	654	50	19	2	1	3	56	785
0.75 -	790	298	20	5	1	4		1118
1.75 -	177	215	47	4	2	2		447
2.75 -	77	85	46	11	3	1		223
3.75 -	18	28	23	4	2	1		76
4.75 -	1	6	6	4	1			18
5.75 -		1	4					5
6.75 -		3	4	1	1			9
7.75 -								
8.75 -				4				4
9.75 -		1	7	1				9
10.75 -		1	2					3
11.75 -			2	1	1			4
12.75 -								
13.75 -								
14.75 -	1							1
CALM							22	22
TOTAL	1718	688	180	37	12	11	78	2724
MAX	16.00	11.00	12.50	12.00	12.00	4.50	.00	16.00

AREA E04S								
(40N-42.5N, 145E-150E)								
DATA NUMBER 12023								
MEAN OF DATA 2.06 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	873	60	40	16	2	4	46	1041
0.75 -	2884	1271	524	80	68	26		4653
1.75 -	1122	1236	696	192	59	19		3324
2.75 -	398	600	440	109	83	23		1653
3.75 -	72	189	266	69	42	25		663
4.75 -	13	55	85	20	9	7		189
5.75 -	5	23	31	24	16	13		112
6.75 -		36	43	7	11	5		102
7.75 -	2	7	15	7	5	3		39
8.75 -		2	3	2	4			11
9.75 -	2	2	5	1		3		13
10.75 -								
11.75 -			2	2	1			5
12.75 -								
13.75 -								
14.75 -			1					1
CALM							17	17
TOTAL	5371	3481	2151	529	300	128	63	12023
MAX	10.00	10.00	15.00	12.00	12.50	10.00	.00	15.00

AREA E02S		DATA NUMBER 29110						
(35N-40N, 120E-140F)		MEAN OF DATA 1.49 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	5497	233	93	49	16	15	359	6262
0.75 -	9860	1979	464	84	63	92		12542
1.75 -	2492	2368	709	108	74	67		5818
2.75 -	460	1100	718	138	65	35		2516
3.75 -	72	248	355	76	43	31		825
4.75 -	4	36	51	21	20	9		141
5.75 -	3	9	28	8	14	2		64
6.75 -		17	10	3	7	6		43
7.75 -		1	4	6	4	3		18
8.75 -		1			1			2
9.75 -			1					1
10.75 -		1						1
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -			1					1
CALM							875	875
TOTAL	18388	5993	2434	494	307	260	1234	29110
MAX	6.00	11.50	20.00	12.00	9.00	8.00	.00	20.00

WAVE HEIGHT - PERIOD

ALL SEASONS

AREA E05S		(35N-37.5N, 140E-145E)		DATA NUMBER		24791		1.81 M	
		PERIOD (SEC)		MEAN OF DATA					
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -		2875	107	51	50	14	7	154	3258
0.75 -		7072	1992	802	145	119	78		10208
1.75 -		2541	2103	1173	256	125	90		6288
2.75 -		626	988	828	198	116	43		2799
3.75 -		124	306	408	111	72	38		1059
4.75 -		19	60	127	49	38	13		306
5.75 -		9	27	40	20	19	5		120
6.75 -		4	50	44	12	17	7		134
7.75 -		4	4	6	4	14	5		37
8.75 -		3		3	4	3	3		16
9.75 -		1	2			2	1		6
10.75 -						1			1
11.75 -				1	2		1		4
12.75 -									
13.75 -							1		1
14.75 -									
CALM								554	554
TOTAL		13278	5639	3483	851	540	292	708	24791
MAX		10.00	10.00	12.00	12.00	11.00	14.00	.00	14.00

AREA E08		(30N-35N, 130E-135E)		DATA NUMBER		28961		1.53 M	
		PERIOD (SEC)		MEAN OF DATA					
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -		5103	183	142	20	13	12	342	5815
0.75 -		9845	2389	809	125	114	96		13378
1.75 -		2743	1971	1000	169	111	62		6056
2.75 -		675	763	628	152	92	37		2347
3.75 -		148	205	228	67	47	20		715
4.75 -		17	47	66	18	20	2		170
5.75 -		6	18	25	11	2	5		67
6.75 -		3	28	21	5	8	1		66
7.75 -		3	1	3	6	4			22
8.75 -				8	1	4			13
9.75 -			2	3	1	3			9
10.75 -				2			1		3
11.75 -					5	1			6
12.75 -			2	1					3
13.75 -			2						2
14.75 -									
CALM								289	289
TOTAL		18543	5611	2941	580	419	236	631	28961
MAX		8.00	14.50	13.00	12.00	12.00	11.00	.00	14.50

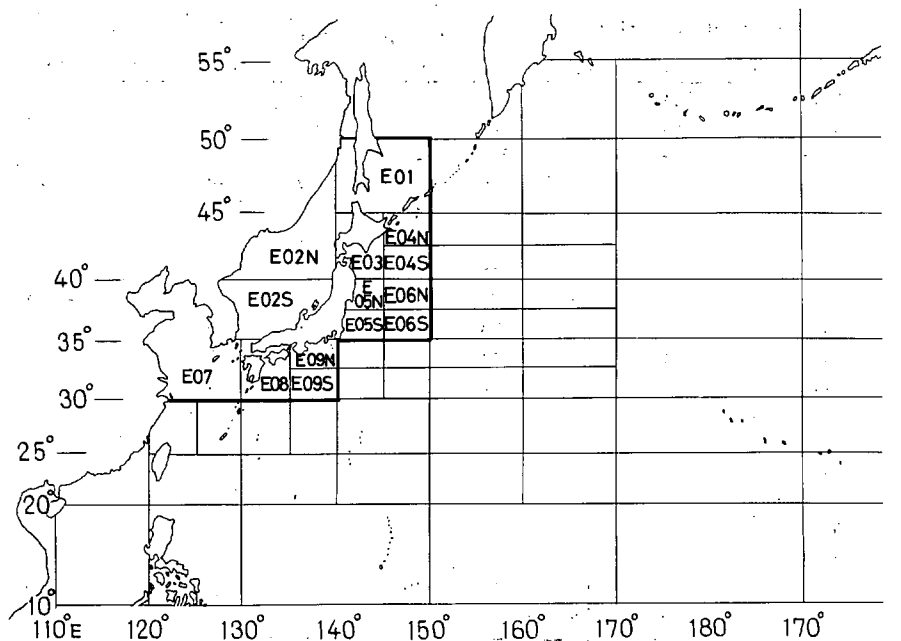
AREA E06N		(37.5N-40N, 145E-150E)		DATA NUMBER		27498		2.12 M	
		PERIOD (SEC)		MEAN OF DATA					
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -		1961	96	53	19	4	9	92	2234
0.75 -		6764	2508	1032	168	93	39		10604
1.75 -		2838	2547	1846	419	158	75		7884
2.75 -		928	1393	1121	374	164	61		4041
3.75 -		209	428	629	163	130	52		1611
4.75 -		17	98	183	54	52	13		417
5.75 -		11	50	59	43	36	23		222
6.75 -		3	117	53	28	36	12		249
7.75 -		8	24	18	8	13	10		81
8.75 -		10	9	19	14	11	6		69
9.75 -		1	1	15	12	4	3		36
10.75 -			1		2		1		4
11.75 -				1	6				7
12.75 -				2	1				3
13.75 -			1	1					2
14.75 -		1		2	1	2			6
CALM								28	28
TOTAL		12751	7273	5034	1312	703	305	120	27498
MAX		16.00	14.50	15.00	17.50	15.00	11.50	.00	17.50

AREA E09N		(32.5N-35N, 135E-140E)		DATA NUMBER		17031		1.60 M	
		PERIOD (SEC)		MEAN OF DATA					
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -		2920	100	53	18	4	5	205	3305
0.75 -		5460	1362	537	78	51	41		7529
1.75 -		1884	1057	529	124	54	36		3684
2.75 -		553	521	357	77	43	22		1573
3.75 -		110	157	188	43	26	21		545
4.75 -		5	25	50	19	15	6		120
5.75 -		2	15	8	10	5	2		42
6.75 -		3	30	10	7	7	4		61
7.75 -		1	4	9	2	1	3		20
8.75 -		1	3	3	1				8
9.75 -			1	2					3
10.75 -									
11.75 -			1	2	3				6
12.75 -							1		1
13.75 -									
14.75 -			1						1
CALM								133	133
TOTAL		10939	3277	1748	382	206	141	338	17031
MAX		9.00	15.00	12.00	12.00	8.00	13.50	.00	15.00

AREA E06S		(35N-37.5N, 145E-150E)		DATA NUMBER		23961		2.22 M	
		PERIOD (SEC)		MEAN OF DATA					
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -		1321	71	24	20	3	5	75	1519
0.75 -		5540	1912	829	107	115	40		8543
1.75 -		2595	2538	1686	317	140	61		7337
2.75 -		839	1378	1184	325	180	40		3946
3.75 -		213	408	588	180	126	35		1550
4.75 -		30	104	206	54	76	11		481
5.75 -		11	38	62	31	37	15		194
6.75 -		14	86	51	26	26	14		217
7.75 -		7	10	17	12	22	7		75
8.75 -		2	4	11	7	13	7		44
9.75 -			1	2	1	7	1		12
10.75 -			1	1	2				4
11.75 -					3	2	2		7
12.75 -							1		1
13.75 -					1				1
14.75 -				2	1	3	1		7
CALM								23	23
TOTAL		10572	6551	4663	1087	750	240	98	23961
MAX		9.00	11.00	15.00	15.00	17.50	15.00	.00	17.50

AREA E09S		(30N-32.5N, 135E-140E)		DATA NUMBER		19523		1.84 M	
		PERIOD (SEC)		MEAN OF DATA					
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -		1918	92	44	5	7		81	2147
0.75 -		5666	1955	862	106	71	67		8727
1.75 -		2015	1615	1173	237	106	51		5197
2.75 -		510	754	636	178	95	39		2212
3.75 -		100	235	291	102	47	29		804
4.75 -		14	43	83	24	31	6		201
5.75 -		11	18	24	15	26	14		108
6.75 -		2	19	13	7	10	8		59
7.75 -		1	2	5	1	13	3		25
8.75 -		2	2	1	2		3		10
9.75 -				1					1
10.75 -									
11.75 -				1	1				2
12.75 -									
13.75 -									
14.75 -									
CALM								30	30
TOTAL		10239	4735	3134	678	406	220	111	19523
MAX		9.00	9.00	12.00	12.00	8.50	9.50	.00	12.00

AREA E07		(30N-40N, 120E-130E)		DATA NUMBER		25370		1.41 M	
		PERIOD (SEC)		MEAN OF DATA					
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -		5116	219	81	21	12	13	759	6221
0.75 -		8658	2226	591	81	104	92		11752
1.75 -		2045	1630	701	120	66	56		4618
2.75 -		490	598	425	89	54	33		1689
3.75 -		98	155	187	53	53	16		562
4.75 -		12	27	53	14	7	6		119
5.75 -		8	15	29	6	4	3		65
6.75 -		4	26	17	8	2	4		61
7.75 -			3	3		2	5		13
8.75 -				1	1	3			5
9.75 -		1	3	1	1				6
10.75 -									
11.75 -					2				2
12.75 -									
13.75 -									
14.75 -									
CALM								257	257
TOTAL		16432	4902	2089	396	307	228	1016	25370
MAX		10.00	10.00	10.00	12.00	9.50	8.50	.00	12.00



WAVE HEIGHT - PERIOD

ALL SEASONS

AREA E10N								
(32.5N-35N, 140E-145E)								
DATA NUMBER 22936 MEAN OF DATA 2.22 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1392	64	35	20	6	4	87	1608
0.75 -	5664	1555	680	111	75	55		8140
1.75 -	2900	1969	1340	278	90	94		6671
2.75 -	1114	1243	1037	294	172	67		3927
3.75 -	286	456	572	157	84	43		1598
4.75 -	38	102	163	39	46	9		403
5.75 -	25	33	68	39	32	13		210
6.75 -	9	108	44	19	26	17		223
7.75 -	2	13	15	8	10	7		55
8.75 -	2	8	8	5	10	6		39
9.75 -		8	12	2	2	1		25
10.75 -		1	3	1	1	1		7
11.75 -		2	2	6	1	2		13
12.75 -				1	1			2
13.75 -			1					1
14.75 -								
CALM							14	14
TOTAL	11432	5562	3986	980	556	319	101	22936
MAX	9.00	12.50	14.00	13.00	13.00	12.50	.00	14.00

AREA E12W								
(25N-30N, 120E-125E)								
DATA NUMBER 31815 MEAN OF DATA 1.74 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	4566	137	71	21	12	13	331	5151
0.75 -	10366	2716	670	120	87	90		14049
1.75 -	3237	2448	1193	226	94	64		7262
2.75 -	1029	1087	771	178	128	33		3226
3.75 -	283	391	380	135	55	37		1281
4.75 -	53	89	119	42	29	17		349
5.75 -	18	46	66	33	19	9		191
6.75 -	14	40	33	16	13	6		122
7.75 -	3	15	5	5	5	2		36
8.75 -	1	2	13		3	2		21
9.75 -		1			2	5		8
10.75 -						1		1
11.75 -				3	1	1		5
12.75 -								
13.75 -					1			1
14.75 -								
CALM							112	112
TOTAL	19570	6972	3322	779	449	280	443	31815
MAX	9.00	10.00	9.50	12.00	15.00	12.00	.00	15.00

AREA E10S								
(30N-32.5N, 140E-145E)								
DATA NUMBER 10870 MEAN OF DATA 2.09 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	658	71	58	10	9	1	37	944
0.75 -	2427	1109	574	65	36	22		4233
1.75 -	1024	1004	376	162	59	39		3164
2.75 -	275	565	532	142	55	34		1603
3.75 -	68	139	281	81	54	19		642
4.75 -	8	39	84	15	18	11		175
5.75 -	7	13	34	14	13	6		87
6.75 -	4	25	17	4	9	4		64
7.75 -	5	7	4	4	2			22
8.75 -	1	2	2	4	1			10
9.75 -			3	1	1			5
10.75 -								
11.75 -			2		1			3
12.75 -								
13.75 -								
14.75 -		1				1		2
CALM							16	16
TOTAL	4477	2976	2467	502	258	137	53	10870
MAX	9.00	15.00	12.00	10.00	12.00	15.00	.00	15.00

AREA E12E								
(25N-30N, 125E-130E)								
DATA NUMBER 52184 MEAN OF DATA 1.63 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	7567	278	114	38	27	17	341	8382
0.75 -	19398	4726	1409	217	190	132		25072
1.75 -	5174	3865	2201	457	200	33		11980
2.75 -	1188	1450	1164	286	168	58		4314
3.75 -	227	394	583	164	86	38		1492
4.75 -	22	53	159	50	47	20		351
5.75 -	6	27	84	23	35	7		182
6.75 -	7	49	34	24	21	2		137
7.75 -	2	5	13	7	7	4		38
8.75 -	1	3	5	6	6	5		26
9.75 -		2	2		8	7		19
10.75 -			1					1
11.75 -				8	1			9
12.75 -					3			3
13.75 -								
14.75 -		1	1					2
CALM							176	176
TOTAL	32592	10853	5770	1280	799	373	517	52184
MAX	9.00	17.50	15.00	12.50	13.00	10.00	.00	17.50

AREA E11N								
(32.5N-35N, 145E-150E)								
DATA NUMBER 25709 MEAN OF DATA 2.38 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1181	43	24	31	2	2	68	1351
0.75 -	5616	1566	727	115	82	47		8173
1.75 -	3090	2169	1910	415	152	106		7842
2.75 -	1223	1430	1443	395	229	83		4853
3.75 -	301	504	813	197	131	58		2004
4.75 -	40	165	243	86	66	24		624
5.75 -	27	47	115	48	62	28		327
6.75 -	18	118	77	30	36	17		296
7.75 -	14	15	31	25	23	11		119
8.75 -	4	8	10	8	18	7		55
9.75 -	2	5	11	2	12	4		36
10.75 -			1		2			3
11.75 -		2		5				7
12.75 -		1		1				2
13.75 -								
14.75 -								
CALM							17	17
TOTAL	11516	6143	5405	1358	815	387	85	25709
MAX	10.00	13.50	11.00	13.00	11.00	10.00	.00	13.50

AREA E13W								
(25N-30N, 130E-135E)								
DATA NUMBER 58444 MEAN OF DATA 1.70 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	6310	345	125	41	12	13	246	7092
0.75 -	18809	6535	3147	383	219	125		29218
1.75 -	4880	4551	3688	801	329	129		14378
2.75 -	1026	1610	1601	487	331	53		5108
3.75 -	186	416	533	226	195	61		1617
4.75 -	21	103	192	85	83	34		518
5.75 -	20	39	44	38	39	19		199
6.75 -	11	47	30	15	16	11		130
7.75 -	2	5	8	11	11	3		40
8.75 -		3	16	5	1	1		26
9.75 -			3		4			7
10.75 -	1		1	2				4
11.75 -	3			7				10
12.75 -								
13.75 -								
14.75 -	1	1						2
CALM							95	95
TOTAL	31270	13655	9388	2101	1240	449	341	58444
MAX	16.50	17.00	11.50	12.00	10.00	9.00	.00	17.00

AREA E11S								
(30N-32.5N, 145E-150E)								
DATA NUMBER 12818 MEAN OF DATA 2.33 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	653	23	19	13	6	2	43	759
0.75 -	2769	828	474	59	63	33		4226
1.75 -	1414	1213	973	215	89	47		3951
2.75 -	449	740	715	167	89	40		2200
3.75 -	106	243	404	124	64	34		975
4.75 -	10	67	126	35	48	16		302
5.75 -	8	23	56	25	29	10		151
6.75 -	4	43	33	11	13	10		114
7.75 -	1	11	23	3	9	5		52
8.75 -	1	6	17	3	3	2		32
9.75 -		2	13	1	5	3		24
10.75 -		1	3		1			5
11.75 -		2	3	3				8
12.75 -						3		3
13.75 -		1						1
14.75 -								
CALM							15	15
TOTAL	5415	3203	2859	659	419	205	58	12818
MAX	9.00	14.50	12.50	12.00	11.50	13.50	.00	14.50

AREA E13E		DATA NUMBER 39006						
(25N-30N, 135E-140E)		MEAN OF DATA 1.82 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3452	283	167	31	13	14	214	4174
0.75 -	9932	4400	2860	382	190	122		17886
1.75 -	3007	3430	3110	776	283	91		10697
2.75 -	625	1348	1411	381	193	54		4012
3.75 -	124	380	530	181	132	62		1409
4.75 -	6	59	106	47	79	22		319
5.75 -	8	27	39	63	54	11		202
6.75 -	3	24	35	17	27	15		121
7.75 -	1	4	15	17	22	4		63
8.75 -	1	2	4	5	6	4		22
9.75 -			1	3	5	3		12
10.75 -				1		1		2
11.75 -				3				3
12.75 -			1					1
13.75 -								
14.75 -		1						1
CALM							82	82
TOTAL	17159	9958	8279	1907	1004	403	296	39006
MAX	9.00	16.50	13.50	12.00	10.00	11.50	.00	16.50

WAVE HEIGHT - PERIOD

ALL SEASONS

AREA E14 (25N-30N, 140E-150E)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA		31885 1.81 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	2946	152	111	51	16	12	229	3517	
0.75 -	8759	3567	1882	237	209	122		14776	
1.75 -	2536	2918	2081	445	224	127		8331	
2.75 -	586	1114	1127	288	211	85		3411	
3.75 -	119	288	491	126	102	50		1176	
4.75 -	15	67	137	47	35	19		320	
5.75 -	4	19	52	16	21	13		125	
6.75 -	6	19	22	7	14	15		83	
7.75 -	2	3	4	8	10	1		28	
8.75 -		3	6	3	3	2		17	
9.75 -			14		1	2		17	
10.75 -									
11.75 -			1	4				5	
12.75 -									
13.75 -									
14.75 -			2					2	
CALM							77	77	
TOTAL	14973	8150	5930	1232	846	448	306	31885	
MAX	8.50	9.00	15.00	12.00	10.00	10.00	.00	15.00	

AREA E18 (20N-25N, 140E-150E)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA		37479 1.74 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	3404	189	111	49	8	22	259	4042	
0.75 -	10719	4719	2270	293	249	151		18401	
1.75 -	2644	3582	2683	592	281	149		9936	
2.75 -	540	1201	1173	296	218	67		3495	
3.75 -	101	269	418	102	111	45		1046	
4.75 -	7	70	90	22	31	15		235	
5.75 -	4	27	28	8	26	15		108	
6.75 -	3	15	12	5	14	10		59	
7.75 -	1	5	3	18	11	5		43	
8.75 -		1	1	3	4			9	
9.75 -	1	1	11		3	1		17	
10.75 -		1						1	
11.75 -				3	1	2		6	
12.75 -				1				1	
13.75 -					2	1		3	
14.75 -						2		2	
CALM							75	75	
TOTAL	17424	10080	6805	1392	959	485	334	37479	
MAX	10.50	11.00	10.00	13.00	14.50	15.00	.00	15.00	

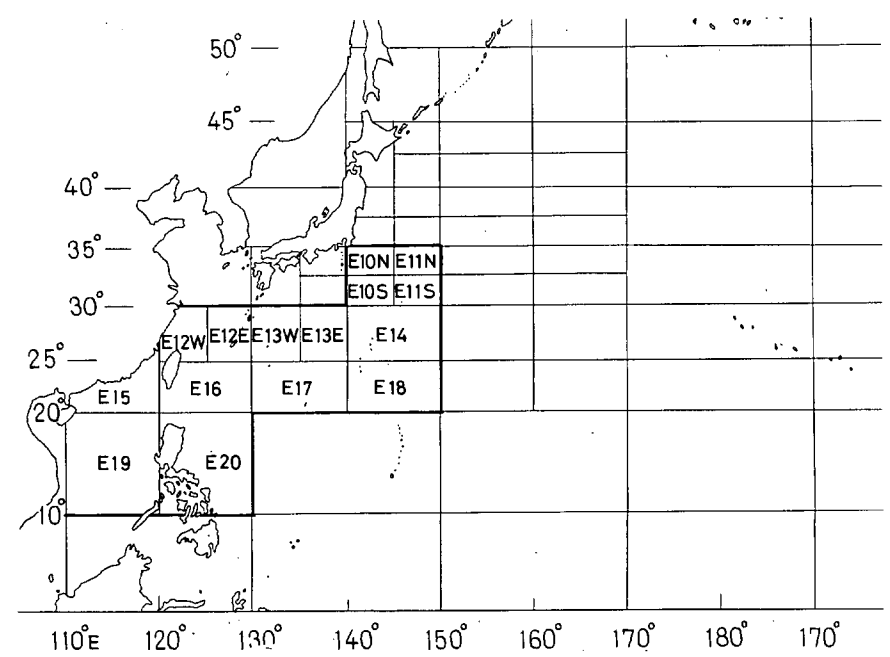
AREA E15 (20N-30N, 110E-120E)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA		5647 2.07 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	602	49	6	4	4	1	12	678	
0.75 -	1430	467	133	18	23	5		2076	
1.75 -	616	447	302	67	17	4		1453	
2.75 -	207	278	230	84	30	19		848	
3.75 -	53	79	120	36	29	11		328	
4.75 -	4	19	51	21	14	6		115	
5.75 -		9	33	9	5			56	
6.75 -	1	11	18	7	12	2		51	
7.75 -		3	9	4	2			18	
8.75 -		1	2		2			5	
9.75 -			2		1			3	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							16	16	
TOTAL	2913	1363	906	250	139	48	28	5647	
MAX	7.50	9.00	10.00	8.50	10.00	7.50	.00	10.00	

AREA E19 (10N-20N, 110E-120E)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA		132919 1.71 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	23481	821	237	60	59	37	522	25217	
0.75 -	39708	11199	3126	350	260	167		54810	
1.75 -	12690	9504	6173	1389	383	142		30281	
2.75 -	3598	4976	3863	1115	568	99		14219	
3.75 -	650	1500	2082	566	401	133		5332	
4.75 -	48	264	640	233	144	41		1370	
5.75 -	29	75	192	146	138	42		622	
6.75 -	14	73	105	93	78	16		379	
7.75 -	7	18	49	16	50	16		156	
8.75 -	4	10	14	9	28	17		82	
9.75 -	1	8	24	3	9	6		51	
10.75 -	1	2	7	3	4			17	
11.75 -				8	1	1		10	
12.75 -					3			3	
13.75 -					1			1	
14.75 -					5	2		7	
CALM							362	362	
TOTAL	80231	28450	16512	3991	2132	719	884	132919	
MAX	11.00	11.00	11.50	12.00	15.00	15.00	.00	15.00	

AREA E16 (20N-25N, 120E-130E)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA		127363 1.78 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	14763	568	259	108	47	34	726	16505	
0.75 -	40784	11735	3968	589	439	321		57836	
1.75 -	12659	9765	6870	1453	561	218		31526	
2.75 -	3688	4456	3725	1117	665	166		13817	
3.75 -	752	1321	1723	495	378	117		4786	
4.75 -	80	247	514	180	152	56		1229	
5.75 -	39	114	210	106	92	45		606	
6.75 -	23	188	79	72	72	21		455	
7.75 -	13	21	40	25	26	21		146	
8.75 -	2	3	20	5	7	18		55	
9.75 -	10	1	27	5	9	4		56	
10.75 -	2		1		1			4	
11.75 -		1	3	19	1	1		25	
12.75 -			1		2	1		4	
13.75 -					1			1	
14.75 -		1	1			4		6	
CALM							306	306	
TOTAL	72815	28421	17441	4174	2453	1027	1032	127363	
MAX	11.00	15.00	16.50	12.50	14.00	15.00	.00	16.50	

AREA E20 (10N-20N, 120E-130E)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA		109387 1.67 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	15545	743	229	130	50	64	1094	17855	
0.75 -	34017	10736	3806	519	427	282		49787	
1.75 -	8931	8440	6297	1261	483	237		25649	
2.75 -	2126	3447	3009	952	618	151		10303	
3.75 -	475	910	1353	361	344	127		3570	
4.75 -	52	208	406	110	131	41		948	
5.75 -	22	60	144	71	62	36		395	
6.75 -	8	67	88	50	52	34		299	
7.75 -	4	15	17	14	23	8		81	
8.75 -	1	8	9	7	22	7		54	
9.75 -	1		4	2	9			16	
10.75 -					1	1		2	
11.75 -			1	7				8	
12.75 -		1						1	
13.75 -				1				1	
14.75 -					1	1		2	
CALM							416	416	
TOTAL	61182	24635	15363	3485	2223	989	1510	109387	
MAX	10.00	13.00	12.50	14.00	15.00	15.00	.00	15.00	

AREA E17 (20N-25N, 130E-140E)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA		54681 1.74 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	5448	365	114	66	24	29	273	6319	
0.75 -	16454	6326	2633	267	263	135		26078	
1.75 -	4247	5021	4007	688	280	136		14379	
2.75 -	804	1913	1830	472	316	67		5402	
3.75 -	124	461	656	187	168	43		1639	
4.75 -	18	99	177	62	58	22		436	
5.75 -	5	33	61	29	20	18		166	
6.75 -	3	22	33	20	13	13		104	
7.75 -	1	3	12	15	15	6		52	
8.75 -		2	1	6	3	3		15	
9.75 -			8		3	4		15	
10.75 -		1						1	
11.75 -				4				4	
12.75 -									
13.75 -									
14.75 -									
CALM							71	71	
TOTAL	27104	14246	9532	1816	1163	476	344	54681	
MAX	8.00	11.00	10.00	12.00	10.00	10.00	.00	12.00	



WAVE HEIGHT - PERIOD

ALL SEASONS

AREA E21		(10N-20N, 130E-150E)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		151413
										1.75 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	13893	793	404	176	76	67	904	16313		
0.75 -	43931	17559	7359	1003	814	467		71633		
1.75 -	12199	15487	10986	1911	1012	410		42005		
2.75 -	2236	5621	5373	1059	693	216		15198		
3.75 -	364	1256	1818	359	376	130		4303		
4.75 -	41	220	465	79	128	51		984		
5.75 -	19	82	104	64	60	71		400		
6.75 -	8	76	50	30	30	16		210		
7.75 -	1	11	13	19	12	13		69		
8.75 -	2		9	3		2		16		
9.75 -	1	1	9			1		14		
10.75 -	1				1	8		10		
11.75 -		2	1	7	1			11		
12.75 -			1					1		
13.75 -										
14.75 -		2	1	1				4		
CALM							242	242		
TOTAL	72696	41110	27093	4711	3205	1452	1146	151413		
MAX	11.00	20.00	20.00	15.00	12.00	11.50	.00	20.00		

AREA M04		(45N-50N, 160E-170E)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		56403
										2.41 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	2589	181	106	44	14	9	63	3006		
0.75 -	11491	4434	2039	254	158	60		14436		
1.75 -	5490	5318	4403	1019	305	100		15635		
2.75 -	1954	3363	2988	896	606	200		10007		
3.75 -	547	1254	1819	544	415	158		4737		
4.75 -	53	277	645	192	167	55		1389		
5.75 -	36	102	217	129	161	69		714		
6.75 -	13	318	226	94	99	51		801		
7.75 -	19	45	87	56	71	28		306		
8.75 -	7	25	34	29	41	19		155		
9.75 -	1	18	42	15	22	11		109		
10.75 -		1	1		2	4		8		
11.75 -	1	3	1	30	4	5		44		
12.75 -	1			1		2		4		
13.75 -		1				1		2		
14.75 -		1	1	1	2	2		7		
CALM							43	43		
TOTAL	22202	15341	12609	3304	2067	774	106	56403		
MAX	13.00	15.00	15.00	16.00	15.00	15.00	.00	16.00		

AREA E22		(00N-10N, 110E-130E)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		30018
										1.28 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	7663	279	111	27	48	24	471	8623		
0.75 -	9166	2720	1103	128	168	110		13395		
1.75 -	1774	1792	1125	205	67	36		4999		
2.75 -	374	616	521	123	54	21		1709		
3.75 -	38	141	172	42	16	10		419		
4.75 -	5	34	32	10	8	3		92		
5.75 -		8	17	4	12	1		2		
6.75 -	1	4	5	1	2	1		14		
7.75 -		2	1		1			4		
8.75 -										
9.75 -		3	1		2			6		
10.75 -			6					6		
11.75 -				2				2		
12.75 -										
13.75 -										
14.75 -					1	1		2		
CALM							705	705		
TOTAL	19021	5599	3094	542	379	207	1176	30018		
MAX	7.00	10.00	11.00	12.00	15.00	15.00	.00	15.00		

AREA M05W		(45N-50N, 170E-170W)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		73387
										2.50 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	2814	143	74	57	10	6	76	3180		
0.75 -	14313	5141	2373	279	166	105		22377		
1.75 -	7504	6733	5677	1404	524	194		22036		
2.75 -	2785	4832	4342	1193	833	280		14265		
3.75 -	655	1621	2674	688	522	301		6461		
4.75 -	95	396	992	239	267	74		2063		
5.75 -	33	162	411	176	185	76		1043		
6.75 -	35	345	274	119	145	75		993		
7.75 -	25	50	101	47	110	50		383		
8.75 -	9	45	52	39	97	39		281		
9.75 -	1	14	53	11	41	22		142		
10.75 -		5	2		7	2		16		
11.75 -		8	9	19	3	5		44		
12.75 -		2	3	1	1	1		8		
13.75 -		3		4	6	1		14		
14.75 -	1	9	6	3	17	7		43		
CALM							38	38		
TOTAL	28270	19509	17043	4279	2934	1238	114	73387		
MAX	15.00	20.00	20.00	15.00	17.50	16.50	.00	20.00		

AREA E23		(00N-10N, 130E-150E)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		35781
										1.39 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	5478	415	276	62	34	27	359	6651		
0.75 -	9819	5906	2850	291	262	215		19343		
1.75 -	1897	2987	2067	335	161	70		7517		
2.75 -	244	608	691	90	63	11		1707		
3.75 -	13	108	128	19	13	8		289		
4.75 -	2	8	13	1	3			27		
5.75 -			2	1		1		4		
6.75 -		3	2	1				6		
7.75 -										
8.75 -										
9.75 -					1			1		
10.75 -	1							1		
11.75 -										
12.75 -										
13.75 -										
14.75 -										
CALM							235	235		
TOTAL	17454	10035	6029	800	537	332	594	35781		
MAX	11.50	7.00	7.00	7.50	10.00	6.00	.00	11.50		

AREA M06N		(42.5N-45N, 150E-160E)						DATA NUMBER		37090
		PERIOD (SEC)						MEAN OF DATA		2.26 M
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -		2045	145	75	35	10	9	119	2438	
0.75 -		8610	3086	1361	186	140	60		13443	
1.75 -		3754	3382	2527	629	183	80		10555	
2.75 -		1292	2012	1755	576	279	99		6013	
3.75 -		342	723	1012	296	206	124		2703	
4.75 -		26	166	331	65	109	33		730	
5.75 -		27	48	134	78	64	39		390	
6.75 -		14	186	110	65	47	29		451	
7.75 -		5	28	36	24	19	19		131	
8.75 -		4	12	20	9	11	15		71	
9.75 -		2	8	23	10	13	5		66	
10.75 -			1			4	4		9	
11.75 -			1	1	7	2	1		12	
12.75 -				2					2	
13.75 -				1		1			2	
14.75 -						6			6	
CALM								68	68	
TOTAL		16121	9798	7388	1980	1099	517	187	37090	
MAX		10.50	12.00	14.00	12.00	15.00	12.00	.00	15.00	

WAVE HEIGHT - PERIOD

ALL SEASONS

AREA M07N (42.5N-45N, 160E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	30805 2.40 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1372	90	32	17	2	4	57	1574
0.75 -	6592	2283	962	144	78	50		10109
1.75 -	3359	2695	2339	552	199	74		9218
2.75 -	1333	1669	1674	557	337	107		5677
3.75 -	283	509	903	261	224	129		2309
4.75 -	29	161	298	80	100	20		688
5.75 -	19	48	169	85	86	33		440
6.75 -	29	198	87	53	52	26		445
7.75 -	8	19	27	19	22	29		124
8.75 -	3	18	21	21	31	16		110
9.75 -	1	5	25	5	14	4		54
10.75 -				1	1			2
11.75 -		1	2	14	3	2		22
12.75 -			1	1	1			3
13.75 -								
14.75 -			1	2	4	1		8
CALM							22	22
TOTAL	13028	7696	6541	1812	1154	495	79	30805
MAX	10.00	12.00	15.00	15.00	15.00	15.00	.00	15.00

AREA M09S (35N-37.5N, 150E-160E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	32952 2.37 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1533	77	43	36	9	4	117	1819
0.75 -	6929	2201	1042	168	111	48		10499
1.75 -	3743	3167	2375	561	274	98		10218
2.75 -	1263	1976	1799	540	318	104		6000
3.75 -	364	672	977	270	184	115		2582
4.75 -	31	151	319	122	100	24		747
5.75 -	32	73	156	63	79	23		426
6.75 -	17	129	95	42	56	30		369
7.75 -	15	10	28	12	35	16		116
8.75 -	14	13	18	20	12	16		93
9.75 -	1	9	20	3	4	3		40
10.75 -			1	1				2
11.75 -		1	2	2		4		9
12.75 -					1			1
13.75 -			2			1		3
14.75 -				2	2	2		6
CALM							22	22
TOTAL	13942	8479	6877	1842	1185	488	139	32952
MAX	10.00	12.00	14.00	15.00	16.50	15.00	.00	16.50

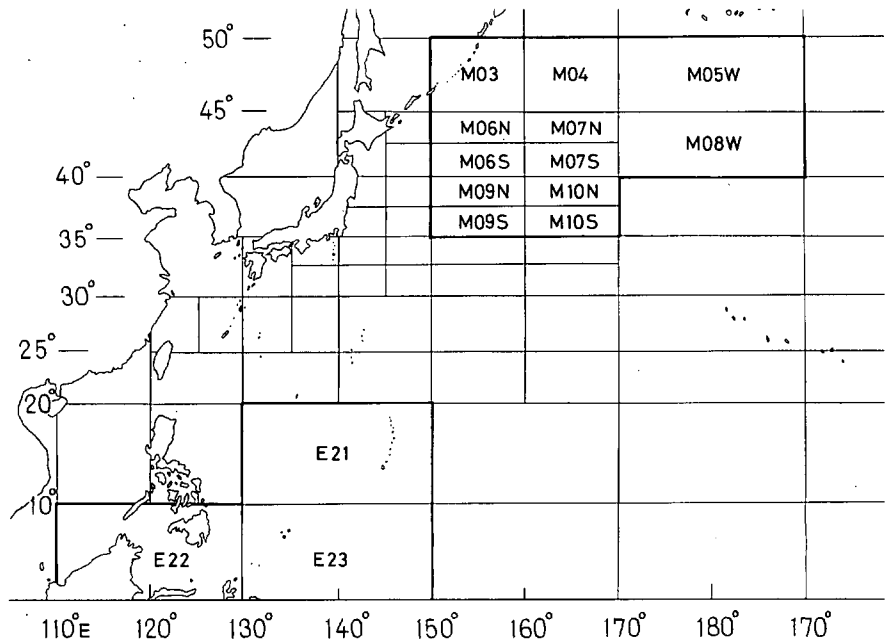
AREA M07S (40N-42.5N, 160E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	25664 2.38 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1061	59	30	21	5	2	68	1246
0.75 -	5165	1959	818	111	96	73		8222
1.75 -	2684	2641	2037	519	189	74		8144
2.75 -	847	1552	1382	402	312	86		4581
3.75 -	201	514	780	212	213	93		2013
4.75 -	21	114	278	88	70	5		576
5.75 -	11	44	119	70	57	25		326
6.75 -	8	89	91	33	47	25		293
7.75 -	8	28	25	15	24	6		106
8.75 -	6	7	17	10	10	18		68
9.75 -		6	21	1	9	4		41
10.75 -		1	1		1			3
11.75 -				3	1	4		8
12.75 -								
13.75 -								
14.75 -		1			1	5		7
CALM							30	30
TOTAL	10012	7015	5599	1485	1035	420	98	25664
MAX	9.00	15.00	11.00	12.50	15.00	20.00	.00	20.00

AREA M10N (37.5N-40N, 160E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	23341 2.40 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	994	47	13	28	7	5	70	1164
0.75 -	4628	1795	743	90	61	44		7361
1.75 -	2511	2393	1653	414	171	84		7226
2.75 -	858	1368	1325	427	303	67		4348
3.75 -	238	445	755	229	182	80		1929
4.75 -	20	102	233	82	72	18		527
5.75 -	9	24	92	63	62	19		269
6.75 -	23	89	66	42	47	24		291
7.75 -	11	22	11	24	26	8		102
8.75 -	3	9	2	6	14	13		47
9.75 -		2	6	4	23	1		36
10.75 -		1			3			4
11.75 -				7	1	1		9
12.75 -			2	1				3
13.75 -								
14.75 -					1			1
CALM							24	24
TOTAL	9295	6297	4901	1417	973	364	94	23341
MAX	9.00	11.50	13.50	13.00	17.00	12.00	.00	17.00

AREA M08W (40N-45N, 170E-170W)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	57240 2.40 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2437	107	61	77	12	9	146	2849
0.75 -	12060	4162	1764	268	179	121		18554
1.75 -	6083	5526	4068	1012	370	182		17241
2.75 -	2201	3407	3079	1010	652	208		10557
3.75 -	536	1126	1787	450	432	216		4547
4.75 -	62	275	620	214	237	44		1452
5.75 -	48	95	247	133	170	64		757
6.75 -	33	228	179	78	95	50		663
7.75 -	6	30	57	32	68	35		228
8.75 -	8	18	27	22	44	30		149
9.75 -		10	42	11	37	18		118
10.75 -		2	2		4	6		14
11.75 -		2		9	8	9		28
12.75 -			1	1				2
13.75 -				5	2			7
14.75 -				3	2	14		19
CALM							55	55
TOTAL	23474	14938	11934	3325	2312	1006	201	57240
MAX	9.50	12.50	13.00	16.00	15.00	20.00	.00	20.00

AREA M10S (35N-37.5N, 160E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	23893 2.43 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1119	48	24	26	3	4	85	1309
0.75 -	4935	1503	654	102	101	41		7336
1.75 -	2560	2335	1641	385	165	96		7182
2.75 -	990	1401	1348	420	240	95		4494
3.75 -	286	474	874	227	206	89		2156
4.75 -	33	105	258	70	92	25		583
5.75 -	12	44	101	62	80	29		328
6.75 -	17	81	65	61	31	9		264
7.75 -	8	17	22	12	24	8		91
8.75 -	7	10	19	11	19	10		76
9.75 -		2	14	3	11	5		35
10.75 -			2		1			3
11.75 -			2	4	1	1		8
12.75 -			1					1
13.75 -								
14.75 -			2	2	1			5
CALM							22	22
TOTAL	9967	6020	5027	1385	975	412	107	23893
MAX	9.00	10.00	17.50	15.00	15.00	12.00	.00	17.50

AREA M09N (37.5N-40N, 150E-160E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	35596 2.30 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1700	94	58	24	6	2	98	1982
0.75 -	7742	2994	1206	190	132	71		12335
1.75 -	3674	3599	2590	574	254	90		10781
2.75 -	1295	2015	1781	585	285	80		6041
3.75 -	312	696	1050	288	226	88		2660
4.75 -	36	171	327	101	94	33		762
5.75 -	15	58	132	59	77	14		355
6.75 -	14	123	98	37	46	22		340
7.75 -	4	18	39	25	37	17		140
8.75 -	6	8	19	17	18	15		83
9.75 -		4	15	8	20	7		54
10.75 -			1		1			2
11.75 -			2	12	3	8		25
12.75 -			1	1	1			3
13.75 -								
14.75 -		1			1	1		3
CALM							30	30
TOTAL	14798	9781	7319	1921	1201	448	128	35596
MAX	9.00	15.00	13.50	13.00	15.00	15.00	.00	15.00



WAVE HEIGHT - PERIOD

ALL SEASONS

AREA M11W (35N-40N, 170E-170W)								
DATA NUMBER MEAN OF DATA 64133 2.26 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3565	170	80	98	18	11	321	4263
0.75 -	14568	4352	2006	426	337	172		21861
1.75 -	6831	6016	4111	1043	534	277		18812
2.75 -	2257	3355	3332	973	648	266		10831
3.75 -	602	1133	1905	545	508	211		4904
4.75 -	63	228	609	173	221	60		1354
5.75 -	36	62	257	115	143	75		688
6.75 -	36	208	137	107	80	65		633
7.75 -	9	23	35	36	46	21		170
8.75 -	8	39	19	18	26	14		124
9.75 -		8	15	6	22	9		60
10.75 -		1	2	4	4			11
11.75 -		1	3	15	3			22
12.75 -		1	1	3	1			6
13.75 -		1	1					2
14.75 -		1	2	1	8	1		13
CALM							379	379
TOTAL	27975	19599	12515	3563	2599	1182	700	64133
MAX	9.50	15.00	15.00	17.50	15.00	16.00	.00	17.50

AREA M13S (30N-32.5N, 160E-170E)								
DATA NUMBER MEAN OF DATA 25761 2.19 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1505	51	33	28	1	5	133	1756
0.75 -	6181	1790	941	157	122	48		9239
1.75 -	2689	2297	1915	531	287	118		7837
2.75 -	864	1194	1322	404	270	99		4153
3.75 -	251	376	642	183	179	64		1635
4.75 -	27	91	219	74	80	19		510
5.75 -	8	26	93	39	40	23		229
6.75 -	7	40	41	24	36	23		171
7.75 -	3	1	29	10	19	12		74
8.75 -	1	5	10	5	12	2		35
9.75 -		4	5	6	3	2		20
10.75 -			2					2
11.75 -		2	1	3	1			7
12.75 -		1						1
13.75 -								
14.75 -								
CALM							32	32
TOTAL	11536	5878	5253	1464	1050	415	165	25761
MAX	9.00	13.00	12.50	12.00	12.00	10.00	.00	13.00

AREA M12N (32.5N-35N, 150E-160E)								
DATA NUMBER MEAN OF DATA 39416 2.32 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1947	71	41	63	6	11	118	2257
0.75 -	8918	2437	1197	171	146	94		12963
1.75 -	4412	3771	2925	698	284	137		12227
2.75 -	1586	2231	2167	672	333	118		7107
3.75 -	407	671	1090	313	230	121		2832
4.75 -	43	151	334	133	129	38		838
5.75 -	28	61	147	80	98	37		451
6.75 -	18	122	105	56	60	40		401
7.75 -	15	9	28	30	37	11		130
8.75 -	2	10	23	13	30	14		92
9.75 -	3	5	27	12	17	9		73
10.75 -			1	2	4	1		8
11.75 -			1	5	3			9
12.75 -								
13.75 -								
14.75 -		1						1
CALM							27	27
TOTAL	17379	9550	8086	2248	1377	631	145	39416
MAX	10.00	15.00	12.00	12.00	12.50	11.00	.00	15.00

AREA M14W (30N-35N, 170E-170W)								
DATA NUMBER MEAN OF DATA 106871 1.98 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	10105	567	163	148	44	42	611	11680
0.75 -	28138	8155	3793	641	571	352		41650
1.75 -	9492	8328	6335	1633	961	527		27276
2.75 -	2796	4261	4647	1388	1080	359		14531
3.75 -	640	1382	2313	731	538	320		6024
4.75 -	65	278	754	242	317	89		1745
5.75 -	34	92	264	128	137	84		789
6.75 -	16	155	167	71	121	45		575
7.75 -	8	23	49	35	62	34		211
8.75 -	5	25	30	17	25	29		131
9.75 -	6	18	25	7	26	19		101
10.75 -		3	2	5	6	2		18
11.75 -		7	6	10	6	2		31
12.75 -		1	6			1		8
13.75 -		1	1	1	1			4
14.75 -		2	11	2	2	2		19
CALM							2078	2078
TOTAL	51305	23298	18566	5059	4047	1307	2689	106871
MAX	10.00	17.50	18.00	15.00	15.00	18.00	.00	18.00

AREA M12S (30N-32.5N, 150E-160E)								
DATA NUMBER MEAN OF DATA 29167 2.33 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1495	52	26	38	1	6	122	1740
0.75 -	6490	1817	983	133	148	70		9641
1.75 -	3191	2492	2196	529	271	118		8797
2.75 -	1076	1539	1609	474	293	104		5095
3.75 -	322	603	904	238	226	82		2375
4.75 -	36	121	321	92	86	29		695
5.75 -	19	35	107	65	53	24		303
6.75 -	9	56	80	32	27	20		224
7.75 -	10	9	28	10	36	17		110
8.75 -	3	7	25	15	19	9		79
9.75 -	1	3	18	17	18	1		58
10.75 -			3	1	1			5
11.75 -		1	3	4				8
12.75 -				1	1	2		4
13.75 -				1				1
14.75 -	1	3						4
CALM							38	38
TOTAL	12653	6738	6304	1650	1180	482	160	29167
MAX	15.50	15.00	12.50	14.00	13.00	13.50	.00	15.50

AREA M15 (25N-30N, 150E-160E)								
DATA NUMBER MEAN OF DATA 29713 2.01 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2219	98	34	63	4	12	251	2681
0.75 -	7865	2332	1315	234	192	123		12061
1.75 -	2568	2547	2142	512	328	143		8240
2.75 -	725	1198	1416	366	284	113		4102
3.75 -	179	378	645	187	175	90		1654
4.75 -	22	99	223	63	74	36		517
5.75 -	12	27	56	18	37	19		169
6.75 -		19	41	29	23	8		120
7.75 -	9	1	8	11	8	3		40
8.75 -	4	3	3	5	3	3		21
9.75 -	4	1	1	1	8	4		19
10.75 -						3		3
11.75 -	1	1	1	5	5			13
12.75 -						3		3
13.75 -								
14.75 -					1	1		2
CALM							68	68
TOTAL	13608	6704	5885	1494	1142	561	319	29713
MAX	12.50	12.50	12.00	12.00	16.50	15.50	.00	15.50

AREA M13N (32.5N-35N, 160E-170E)								
DATA NUMBER MEAN OF DATA 51328 2.14 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2675	180	63	50	4	8	265	3245
0.75 -	13620	4273	1835	270	169	166		20333
1.75 -	5336	4496	3412	815	336	151		14546
2.75 -	2438	2138	2277	663	506	144		8166
3.75 -	585	766	1046	309	239	82		3027
4.75 -	58	171	342	93	122	32		818
5.75 -	31	57	153	55	65	50		411
6.75 -	16	129	89	40	61	24		359
7.75 -	11	31	33	22	25	7		129
8.75 -	6	32	20	18	14	11		101
9.75 -	3	9	28	7	9	3		59
10.75 -		1	5	1	1			8
11.75 -		5	2	4	2	1		14
12.75 -		1						1
13.75 -			2			1		3
14.75 -			1			3		4
CALM							104	104
TOTAL	24779	12289	9308	2347	1553	683	369	51328
MAX	10.00	13.50	17.50	12.00	12.50	15.00	.00	17.50

AREA M16 (25N-30N, 160E-170E)				PERIOD (SEC)		DATA NUMBER MEAN OF DATA		39734 2.02 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2968	127	63	82	9	9	248	3506
0.75 -	10268	3132	1755	309	266	145		15875
1.75 -	3469	3296	2878	873	469	237		11222
2.75 -	1011	1618	1834	578	415	153		5609
3.75 -	211	473	855	300	251	113		2203
4.75 -	43	85	310	94	118	36		686
5.75 -	14	29	77	52	54	23		249
6.75 -	3	29	34	26	36	22		150
7.75 -		9	13	15	25	8		75
8.75 -	1	1	3	3	11	3		22
9.75 -		6	6		6	2		20
10.75 -		6			2			8
11.75 -	1		2		2	2		7
12.75 -								
13.75 -						2		2
14.75 -								
CALM							100	100
TOTAL	17989	8811	7835	2332	1664	755	348	39734
MAX	12.50	11.50	12.50	9.50	12.50	14.00	.00	14.00

WAVE HEIGHT - PERIOD

ALL SEASONS

AREA M17W (25N-30N, 170E-170W)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	68184 1.95 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	5649	295	173	158	17	27	406	6725
0.75 -	18661	5386	2927	550	434	259		28217
1.75 -	5804	5591	4797	1294	811	366		18663
2.75 -	1701	2463	2830	911	721	259		8885
3.75 -	350	801	1257	381	411	222		3422
4.75 -	53	153	431	131	129	83		985
5.75 -	17	63	138	58	97	34		407
6.75 -	18	55	58	31	51	24		237
7.75 -	4	3	19	14	36	8		89
8.75 -	7	17	15	6	18	6		69
9.75 -	1	3	16	3	20	5		48
10.75 -			2	1	1	1		5
11.75 -		1	2	3	4			10
12.75 -					1	1		2
13.75 -		2	1					3
14.75 -	1				1	2		4
CALM							413	413
TOTAL	32266	14843	12666	3541	2752	1297	819	68184
MAX	20.00	14.00	14.50	12.50	15.00	15.00	.00	20.00

AREA M21 (10N-20N, 150E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	37735 1.68 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3595	146	100	64	10	21	278	4214
0.75 -	12815	3486	1846	320	304	170		18941
1.75 -	3217	3291	2221	521	415	243		9908
2.75 -	680	1086	1028	224	268	96		3382
3.75 -	63	256	317	97	103	53		889
4.75 -	18	43	85	14	20	9		189
5.75 -	1	15	26	5	12	9		68
6.75 -		10	2		6	2		20
7.75 -		5	4			4		13
8.75 -						1		1
9.75 -					1			1
10.75 -								
11.75 -			1	3		1		5
12.75 -								
13.75 -								
14.75 -								
CALM							104	104
TOTAL	20389	8338	5630	1248	1139	609	382	37735
MAX	6.00	8.00	12.50	12.00	10.50	12.00	.00	12.50

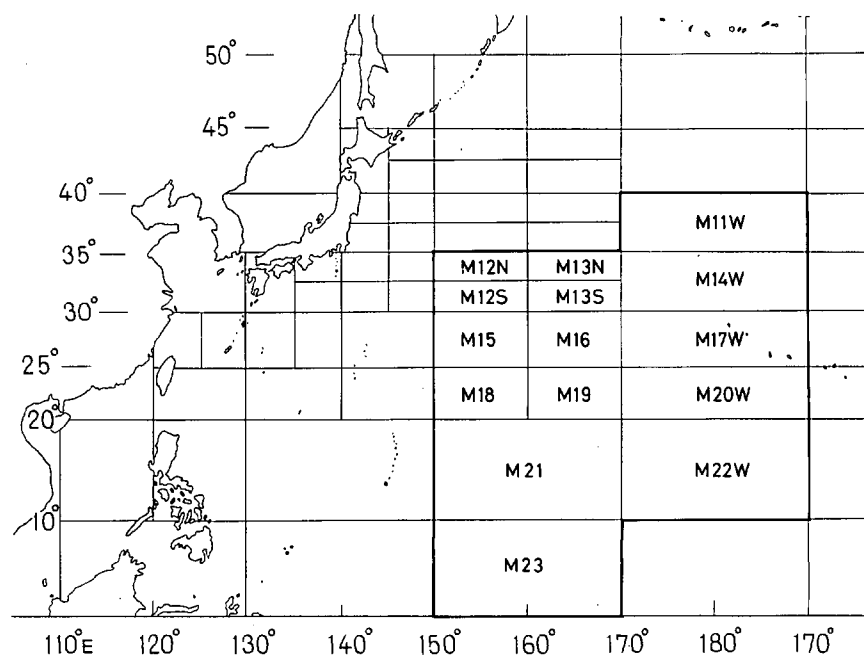
AREA M18 (20N-25N, 150E-160E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	15489 1.67 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1634	91	43	45	6	4	180	2003
0.75 -	4901	1413	841	166	156	83		7560
1.75 -	1156	1215	969	273	183	106		3902
2.75 -	286	429	413	139	110	62		1439
3.75 -	52	106	148	40	32	26		404
4.75 -	8	16	34	5	7	9		79
5.75 -	1	8	7	7	5	6		34
6.75 -		4	3			4		11
7.75 -			2		1	1		4
8.75 -						1		1
9.75 -		2	1					3
10.75 -								
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							47	47
TOTAL	8038	3284	2461	677	500	302	227	15489
MAX	6.00	10.00	10.00	12.50	8.00	9.00	.00	12.50

AREA M22W (10N-20N, 170E-170W)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	26078 1.73 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2394	104	71	75	9	16	151	2820
0.75 -	8240	2313	1446	254	204	93		12550
1.75 -	2173	2439	1662	307	292	151		7024
2.75 -	551	854	780	186	208	95		2674
3.75 -	60	228	233	47	67	52		687
4.75 -	9	45	70	14	24	11		173
5.75 -	2	2	25	8	16	3		56
6.75 -	1	10	6	2	6	1		26
7.75 -			3		1			4
8.75 -			1	1	3	1		6
9.75 -					1			1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							57	57
TOTAL	13430	5995	4297	894	831	423	208	26078
MAX	7.00	7.50	9.00	9.00	10.50	9.50	.00	10.50

AREA M19 (20N-25N, 160E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	14257 1.73 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1364	61	34	44	1	5	144	1653
0.75 -	4553	1309	679	123	104	65		6833
1.75 -	1047	1049	990	274	227	98		3635
2.75 -	207	425	475	167	136	75		1485
3.75 -	33	107	146	47	68	39		440
4.75 -	3	10	32	8	24	2		79
5.75 -		5	10	1	7	5		28
6.75 -		5	3	1	4	2		15
7.75 -			1	4				5
8.75 -			1			1		2
9.75 -								
10.75 -			1					1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							31	31
TOTAL	7207	2971	2372	669	571	292	175	14257
MAX	5.00	7.50	11.50	8.50	7.50	9.50	.00	11.50

AREA M23 (00N-10N, 150E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	23725 1.36 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3620	289	198	32	33	26	238	4436
0.75 -	7480	3869	1588	254	178	118		13487
1.75 -	1358	1673	984	157	104	60		4336
2.75 -	169	402	354	61	29	16		1033
3.75 -	10	77	104	17	17	2		227
4.75 -	6	7	16	5	17			51
5.75 -	1	1	4		3	1		10
6.75 -		3	3			1		7
7.75 -								
8.75 -								
9.75 -								
10.75 -	2							2
11.75 -				3				3
12.75 -								
13.75 -								
14.75 -		1						1
CALM							132	132
TOTAL	12646	6322	3251	529	381	226	370	23725
MAX	11.50	18.00	7.50	12.00	6.00	7.50	.00	18.00

AREA M20W (20N-25N, 170E-170W)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	46876 1.83 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3802	155	82	114	16	8	201	4378
0.75 -	14613	3862	2137	408	299	156		21475
1.75 -	3944	3847	3486	932	623	251		13083
2.75 -	873	1499	1789	542	465	208		5376
3.75 -	156	341	714	186	185	140		1722
4.75 -	21	79	184	83	67	37		471
5.75 -	8	48	39	33	27	17		172
6.75 -	6	24	16	8	12	12		78
7.75 -	1	5	7	3	6	2		24
8.75 -		2	3		1	6		12
9.75 -	1		1		4			6
10.75 -								
11.75 -				2				2
12.75 -					1			1
13.75 -		1						1
14.75 -								
CALM							75	75
TOTAL	23425	9863	8458	2311	1706	837	276	46876
MAX	10.00	14.50	10.00	12.00	13.00	9.00	.00	14.50



WAVE HEIGHT - PERIOD

ALL SEASONS

AREA M24W		DATA NUMBER						
(00N-10N, 170E-170W)		MEAN OF DATA						
		S.D. OF DATA						
		9070						
		1.54 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1114	63	37	8	3	2	50	1277
0.75 -	2769	1166	515	130	60	20		4660
1.75 -	583	895	652	125	52	26		2333
2.75 -	62	219	224	76	26	5		612
3.75 -	16	36	38	14	17	4		125
4.75 -		4	4	2	10	4		24
5.75 -	1	2	1		3			7
6.75 -								
7.75 -				2				2
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							30	30
TOTAL	4545	2385	1471	357	171	61	80	9070
MAX	6.00	6.00	6.00	8.00	6.00	5.50	4.00	8.00

AREA W04		DATA NUMBER						
(50N-55N, 150W-130W)		MEAN OF DATA						
		S.D. OF DATA						
		57280						
		2.35 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2429	335	143	112			93	3112
0.75 -	8422	6236	2452	967	528	92	210	18907
1.75 -	3284	6329	4715	1825	590	292	173	17208
2.75 -	896	3085	2899	1314	608	227	108	9137
3.75 -	245	1102	1805	804	421	164	40	4581
4.75 -	66	305	547	393	202	72	12	1597
5.75 -	1	141	346	229	143	110	14	984
6.75 -		63	148	132	68	83	4	498
7.75 -		39	65	43	35	27	3	212
8.75 -		2	31	38	23	18	3	115
9.75 -		4	28	22	35	27	1	117
10.75 -			4	4		6		14
11.75 -			2	4	3	3		12
12.75 -			1	1				2
13.75 -			2	1	1			4
14.75 -			1		3	5		9
CALM	336	10	3		1		421	771
TOTAL	15679	17651	13192	5889	2661	1126	1082	57280
MAX	6.00	10.00	15.00	14.00	15.00	15.00	10.00	15.00

AREA W01		DATA NUMBER						
(55N-65N, 170W-160W)		MEAN OF DATA						
		S.D. OF DATA						
		24693						
		1.84 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2635	345	91	77			9	3157
0.75 -	5808	2759	831	230	146	31	16	9821
1.75 -	2086	2475	1248	346	63	28	3	6249
2.75 -	266	1372	667	261	60	12	2	2640
3.75 -	75	340	501	181	42	27	1	1167
4.75 -	21	95	118	84	32	5		355
5.75 -		31	71	55	19	13		189
6.75 -		29	26	22	12	9		98
7.75 -		20	12	12	3	2		49
8.75 -			10	5	2	27		44
9.75 -		1	3	4	3	2		13
10.75 -				1	2	3		6
11.75 -				2		6		8
12.75 -						1		1
13.75 -								
14.75 -				1				1
CALM	639	5	6				245	895
TOTAL	11530	7472	3584	1281	384	166	276	24693
MAX	5.50	10.00	10.00	15.00	11.00	13.00	4.00	15.00

AREA W05		DATA NUMBER						
(45N-50N, 170W-150W)		MEAN OF DATA						
		S.D. OF DATA						
		44277						
		2.45 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1382	270	89	64			38	1843
0.75 -	5262	5244	1949	494	334	65	112	13460
1.75 -	2192	4865	4399	1714	476	201	92	13939
2.75 -	533	2411	2643	1361	754	235	42	7979
3.75 -	133	803	1546	716	432	238	34	3902
4.75 -	37	229	480	357	145	46	10	1304
5.75 -		102	215	168	158	79	2	724
6.75 -		52	105	117	76	50	1	401
7.75 -		21	42	34	42	36	3	178
8.75 -		1	26	28	29	56	1	141
9.75 -		7	24	25	16	24		96
10.75 -		1		2	3	2		8
11.75 -			1	4	5	4		14
12.75 -				1	1			2
13.75 -								
14.75 -								
CALM	180	11	11				84	286
TOTAL	9719	14017	11530	5085	2471	1036	419	44277
MAX	5.50	11.00	12.00	13.50	13.00	12.50	9.00	13.50

AREA W02		DATA NUMBER						
(55N-65N, 160W-130W)		MEAN OF DATA						
		S.D. OF DATA						
		34768						
		1.89 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2968	384	134	157			57	3700
0.75 -	7401	3407	1385	363	464	99	157	13276
1.75 -	2495	3095	1661	656	281	250	102	8540
2.75 -	701	1420	1053	444	202	132	62	4014
3.75 -	180	578	576	282	119	77	33	1845
4.75 -	60	152	190	112	39	27	12	592
5.75 -		80	118	77	34	50	7	366
6.75 -		35	57	52	19	19	2	184
7.75 -		5	25	11	10	7	1	59
8.75 -	1		11	9	10	11	1	43
9.75 -		3	6	14	1	12		36
10.75 -			7	1	1	1		10
11.75 -			2	2	1	6		11
12.75 -					1			1
13.75 -								
14.75 -			2		1	4		7
CALM	990	8	1				1085	2084
TOTAL	14796	9167	5228	2180	1183	695	1519	34768
MAX	9.50	10.50	15.00	12.50	15.00	15.50	9.50	15.50

AREA W06		DATA NUMBER						
(45N-50N, 150W-130W)		MEAN OF DATA						
		S.D. OF DATA						
		55962						
		2.34 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2154	354	196	107			84	2895
0.75 -	7915	6143	2349	718	438	80	297	17980
1.75 -	3084	6247	4961	1766	561	268	205	17092
2.75 -	769	2945	3274	1570	733	274	92	9657
3.75 -	184	932	1737	841	417	224	41	4376
4.75 -	55	266	633	386	209	71	14	1634
5.75 -		113	238	216	144	94	12	817
6.75 -		45	98	135	90	69	3	440
7.75 -		18	36	24	49	26	2	155
8.75 -			21	14	23	54	7	119
9.75 -		4	13	13	11	21	3	65
10.75 -			8	3		2		13
11.75 -			1	3	2	4	1	11
12.75 -			1					1
13.75 -				1		1		2
14.75 -				2	3			5
CALM	296	6	5				393	700
TOTAL	14457	17073	13611	5799	2680	1188	1154	55962
MAX	5.50	10.00	13.50	15.00	15.00	14.00	12.00	15.00

AREA W03		DATA NUMBER						
(50N-55N, 170W-150W)		MEAN OF DATA						
		S.D. OF DATA						
		65168						
		1.41 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3240	471	183	153			32	4079
0.75 -	9964	7514	2651	636	429	113	99	21406
1.75 -	4073	7651	5505	1935	441	201	68	19874
2.75 -	977	3854	3199	1493	652	248	34	10457
3.75 -	254	1388	1932	960	463	228	24	5249
4.75 -	68	346	604	435	156	43	6	1658
5.75 -		166	247	239	136	82	3	

WAVE HEIGHT - PERIOD

ALL SEASONS

AREA W08 (40N-45N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA MEAN OF DATA S.D. OF DATA	NUMBER OF DATA	37877 2.29 M 1.37 M
	-5	6-7	8-9	10-11	12-13			
0.00 -	1646	252	99	76			45	2118
0.75 -	5228	4581	1742	483	297	86	207	12624
1.75 -	1995	4106	3404	1223	347	187	195	11457
2.75 -	464	1857	1951	1106	587	187	94	6246
3.75 -	118	603	1030	613	319	183	49	2915
4.75 -	49	170	367	250	133	41	11	1021
5.75 -	1	53	130	122	106	74	4	490
6.75 -		25	61	63	49	31	4	233
7.75 -		2	23	30	18	18	1	92
8.75 -			18	12	24	26	1	81
9.75 -		3	9	17	10	10		45
10.75 -			2				1	3
11.75 -			3				1	4
12.75 -					1	1		2
13.75 -								
14.75 -								
CALM	295	13	1				237	546
TOTAL	9796	11665	8840	3991	1891	845	849	37877
MAX	6.00	10.00	12.50	10.00	13.00	13.50	11.50	13.50

AREA W12 (35N-40N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA MEAN OF DATA S.D. OF DATA	NUMBER OF DATA	75403 1.88 M 1.16 M
	-5	6-7	8-9	10-11	12-13			
0.00 -	5284	732	264	306			258	6844
0.75 -	14760	10042	3988	1288	843	240	631	31792
1.75 -	3976	7488	5975	2385	827	493	422	21566
2.75 -	770	2470	2660	1504	649	359	139	8551
3.75 -	204	609	1058	616	356	184	76	3103
4.75 -	61	168	325	209	123	65	10	961
5.75 -		66	130	102	110	55	12	475
6.75 -		32	37	67	60	32	5	233
7.75 -		4	24	23	20	14		85
8.75 -		4	18	11	15	9		57
9.75 -			8	1	5	11		25
10.75 -					1	2		3
11.75 -					1	4		5
12.75 -								
13.75 -								
14.75 -								
CALM	792	29	4		2		876	1703
TOTAL	25847	21644	14491	6512	3012	1468	2429	75403
MAX	5.50	9.50	10.00	10.00	12.00	12.50	7.50	12.50

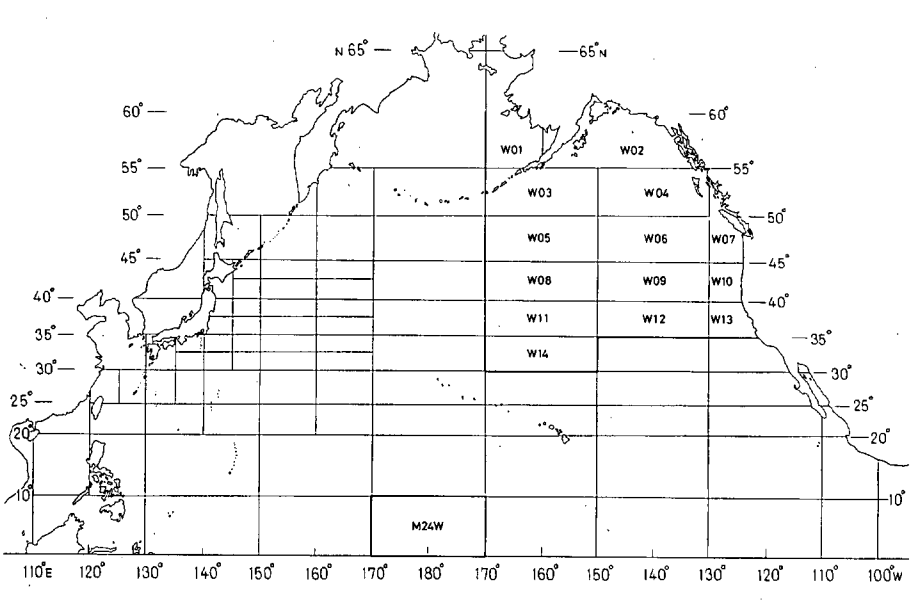
AREA W09 (40N-45N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA MEAN OF DATA S.D. OF DATA	NUMBER OF DATA	44485 2.07 M 1.33 M
	-5	6-7	8-9	10-11	12-13			
0.00 -	2700	299	124	81			130	3334
0.75 -	7817	5885	2132	616	353	97	369	17269
1.75 -	2229	4639	3644	1390	407	208	223	12740
2.75 -	476	1805	1750	1018	472	187	115	5823
3.75 -	163	539	778	502	257	139	29	2407
4.75 -	51	149	315	243	133	35	12	938
5.75 -		88	145	149	102	69	9	562
6.75 -		34	65	71	52	41	4	267
7.75 -		18	20	30	20	20		108
8.75 -		4	10	7	8	21	1	51
9.75 -		5	11	12	2	9		39
10.75 -			4	1		2	1	8
11.75 -			3		2	1		6
12.75 -			1					1
13.75 -								
14.75 -								
CALM	359	7	1		1		564	932
TOTAL	13795	13472	9003	4120	1809	829	1457	44485
MAX	5.50	10.00	13.50	11.50	12.00	12.50	11.50	13.50

AREA W13 (35N-40N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA MEAN OF DATA S.D. OF DATA	NUMBER OF DATA	53635 1.83 M 1.10 M
	-5	6-7	8-9	10-11	12-13			
0.00 -	4010	591	235	243			173	5252
0.75 -	11130	6652	2745	959	569	112	320	22487
1.75 -	3484	5330	3844	1533	551	329	232	15303
2.75 -	754	1926	1905	941	418	198	106	6248
3.75 -	159	472	648	407	201	121	35	2043
4.75 -	37	133	157	132	67	22	14	562
5.75 -		48	65	53	34	39	13	252
6.75 -		14	23	18	17	19		91
7.75 -		3	4	9	7	12	1	36
8.75 -		4	3	3	5	4		19
9.75 -			4	3	1	1		9
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM	699	7	1		1		624	1332
TOTAL	20273	15180	9635	4301	1871	857	1518	53635
MAX	5.50	9.00	10.00	10.50	10.00	10.00	8.00	10.50

AREA W10 (40N-45N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA MEAN OF DATA S.D. OF DATA	NUMBER OF DATA	30109 1.82 M 1.16 M
	-5	6-7	8-9	10-11	12-13			
0.00 -	1995	787	308	203			39	3332
0.75 -	5801	4214	2366	615	290	79	134	13499
1.75 -	1895	2636	2034	721	214	140	77	7717
2.75 -	498	981	1015	417	167	88	48	3234
3.75 -	143	302	372	189	74	40	18	1138
4.75 -	30	96	133	68	54	18	6	405
5.75 -		41	76	32	28	20	2	199
6.75 -		16	17	10	14	9		66
7.75 -		3	10	14	4	1		32
8.75 -			7	3	3	5	2	20
9.75 -		1	4	2	2	7		16
10.75 -			1	1				2
11.75 -					2	1		3
12.75 -								
13.75 -								
14.75 -								
CALM	200	4	2				240	446
TOTAL	10562	9081	6345	2275	872	408	566	30109
MAX	5.50	10.00	11.00	11.00	12.50	12.50	9.00	12.50

AREA W14 (30N-35N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA MEAN OF DATA S.D. OF DATA	NUMBER OF DATA	64339 2.13 M 1.31 M
	-5	6-7	8-9	10-11	12-13			
0.00 -	3388	404	182	169			117	4260
0.75 -	10992	7232	3163	1133	719	172	473	23884
1.75 -	3406	6433	5436	2424	1024	540	429	19692
2.75 -	781	2258	3002	1657	874	403	159	9134
3.75 -	200	745	1250	837	462	269	66	3829
4.75 -	80	186	417	308	181	74	17	1263
5.75 -		69	187	183	132	88	1	660
6.75 -		32	74	94	79	59	4	342
7.75 -		9	18	36	34	33		130
8.75 -		2	25	27	17	22	6	99
9.75 -		4	6	18	7	22		57
10.75 -			1	1		6		8
11.75 -			2	3	5	9		19
12.75 -			1	3				4
13.75 -			1	1		1		3
14.75 -			2	2	2	3		9
CALM	468	9	2		1		466	946
TOTAL	19315	17383	13769	6896	3537	1701	1738	64339
MAX	5.50	10.00	15.00	15.00	15.00	16.00	9.50	16.00

AREA W11 (35N-40N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA MEAN OF DATA S.D. OF DATA	NUMBER OF DATA	53177 2.13 M 1.32 M
	-5	6-7	8-9	10-11	12-13			
0.00 -	3056	395	147	92			70	3760
0.75 -	9178	6159	2487	763	544	148	389	19668
1.75 -	2858	5324	4249	1690	685	431	331	15568
2.75 -	617	2181	2441	1374	677	361	133	7784
3.75 -	161	642	1062	720	366	185	55	3191
4.75 -	46	158	417	272	153	78	17	1141
5.75 -		73	183	158	144	72	6	636
6.75 -		33	74	69	54	37	3	270
7.75 -		3	32	25	36	17	1	114
8.75 -			9	13	12	15		49
9.75 -		1	16	12	7	9	1	46
10.75 -				2	1	4	2	9
11.75 -			5		8	2		15
12.75 -								
13.75 -					1			1
14.75 -				2	2			4
CALM	469	19	2		2		429	921
TOTAL	16385	14988	11124	5192	2692	1359	1437	53177
MAX	5.50	10.00	12.50	15.00	15.00	12.50	11.50	15.00



WAVE HEIGHT - PERIOD

ALL SEASONS

AREA W15								
(30N-35N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	6629	803	352	277		14-	CALM	95385
0.75 -	19621	12605	5561	1885	1258	321	894	1.83 M
1.75 -	5042	8951	7112	3125	1367	801	604	1.09 M
2.75 -	1005	2612	3160	1955	866	405	221	
3.75 -	207	771	1065	716	476	223	94	
4.75 -	72	196	325	242	149	64	20	
5.75 -		75	121	121	127	56	13	
6.75 -		37	39	31	43	26	1	
7.75 -		5	5	10	10	9		
8.75 -		5	5	6	7	7		
9.75 -		2	6		3	6	1	
10.75 -			1		2	1		
11.75 -			1	2				
12.75 -								
13.75 -								
14.75 -								
CALM	1197	25	6		1		1090	2319
TOTAL	33773	26087	17759	8370	4309	1919	3168	95385
MAX	5.50	10.00	12.00	12.50	11.00	11.50	10.00	12.50

AREA W19								
(25N-30N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	6207	704	279	288			150	49095
0.75 -	14025	7208	2834	964	729	166	272	1.80 M
1.75 -	2434	3767	2421	884	427	257	86	1.02 M
2.75 -	306	702	707	372	157	55	14	
3.75 -	40	124	175	113	76	26	9	
4.75 -	7	27	46	18	22	4		
5.75 -		4	8	7	10	3		
6.75 -		2	1	1	4	2		
7.75 -			2					
8.75 -			1		1			
9.75 -					1			
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	1041	9	11				885	1946
TOTAL	24060	12547	6485	2647	1427	513	1416	49095
MAX	5.50	7.00	9.00	7.50	10.50	7.00	4.50	10.50

AREA W16								
(30N-35N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	16332	2450	975	691			573	90255
0.75 -	21744	11328	4575	1695	908	131	510	1.32 M
1.75 -	3944	5724	3933	1685	650	319	158	1.05 M
2.75 -	586	1397	1471	762	370	185	48	
3.75 -	128	307	423	269	180	76	22	
4.75 -	26	78	97	91	51	20	8	
5.75 -		25	45	28	23	17		
6.75 -		10	6	9	12	9	2	
7.75 -			6	2	2	5		
8.75 -		1	6	3	4	5		
9.75 -		2		1	9	4		
10.75 -								
11.75 -					1			
12.75 -								
13.75 -								
14.75 -				1				
CALM	2127	34	28		4		2904	5097
TOTAL	44887	21356	11565	5237	2214	771	4225	90255
MAX	5.50	10.00	9.00	20.00	12.00	10.00	7.00	20.00

AREA W20								
(20N-25N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	6777	903	314	216			170	87851
0.75 -	22117	11853	4459	1483	894	211	710	1.73 M
1.75 -	5705	8773	6187	2284	1065	590	500	1.08 M
2.75 -	925	2310	2254	1259	693	303	138	
3.75 -	203	521	730	458	297	130	38	
4.75 -	42	137	173	123	95	40	13	
5.75 -		56	53	46	40	26	1	
6.75 -		17	21	25	16	17	1	
7.75 -		6	11	7	9	2		
8.75 -		2	2	3	9	5		
9.75 -		2	7	5	5	4		
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	694	19	5		2		640	1360
TOTAL	36463	24599	14216	5909	3125	1328	2211	87851
MAX	5.50	10.00	10.50	10.00	10.00	10.00	7.50	10.50

AREA W17								
(25N-30N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	2059	272	93	88			58	41422
0.75 -	7505	4863	1945	684	462	114	400	2.08 M
1.75 -	2325	4377	3417	1414	627	343	301	1.20 M
2.75 -	546	1615	1884	981	507	252	115	
3.75 -	128	480	768	475	292	147	44	
4.75 -	48	122	220	151	110	56	6	
5.75 -		36	90	79	85	48	9	
6.75 -		22	43	44	28	29	2	
7.75 -		2	12	8	16	13	1	
8.75 -			16	4	6	8	1	
9.75 -			2	2	2	2	1	
10.75 -			1	1		1		
11.75 -				2		1	1	
12.75 -						1		
13.75 -								
14.75 -								
CALM	268	2	2				237	509
TOTAL	12879	11791	8493	3933	2135	1015	1176	41422
MAX	5.50	8.00	11.00	12.50	10.00	13.00	12.50	13.00

AREA W21								
(20N-25N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	1744	175	75	42			46	31161
0.75 -	7342	4145	1672	458	326	127	223	1.84 M
1.75 -	2128	3557	2577	959	403	251	142	1.06 M
2.75 -	393	941	912	549	280	108	50	
3.75 -	82	179	263	204	87	63	15	
4.75 -	15	28	63	75	29	17	7	
5.75 -		26	39	26	16	13		
6.75 -		1	11	5	5	4		
7.75 -		1		9	3			
8.75 -			1					
9.75 -			1			1		
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -							1	
CALM	162	6					78	246
TOTAL	11866	9059	5614	2327	1149	585	561	31161
MAX	5.50	8.00	10.00	8.50	8.50	17.00	5.50	17.00

AREA W18								
(25N-30N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	5474	695	288	201			159	73116
0.75 -	17271	9658	4123	1515	989	221	769	1.73 M
1.75 -	4198	6839	5110	2113	1058	554	494	1.09 M
2.75 -	748	1842	2102	1238	623	312	144	
3.75 -	96	443	660	443	241	123	42	
4.75 -	21	99	185	106	79	39	15	
5.75 -		33	63	27	46	42	8	
6.75 -		9	20	15	12	8	2	
7.75 -			3	4	5	4	1	
8.75 -			8	3	2	6		
9.75 -			1	2		5		
10.75 -								
11.75 -			2					
12.75 -								
13.75 -								
14.75 -								
CALM	794	17	4				640	1455
TOTAL	28602	19635	12569	5667	3055	1314	2274	73116
MAX	5.50	7.50	12.50	10.00	9.50	10.00	8.00	12.50

AREA W22						DATA NUMBER		40804
(20N-25N, 130W-110W)						MEAN OF DATA		1.35 M
						S.D. OF DATA		1.80 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	5735	675	268	261			123	7062
0.75 -	11332	6188	2570	891	681	157	240	22059
1.75 -	1819	2764	1935	736	292	222	91	7859
2.75 -	206	542	567	230	117	48	13	1723
3.75 -	27	66	139	70	42	34		378
4.75 -	3	16	19	9	11	3		61
5.75 -		1	12	1	14	5	1	34
6.75 -			2	3		1		6
7.75 -			2	2				4
8.75 -					1			1
9.75 -				1				1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	932	9	9		1		665	1616
TOTAL	20054	10261	5523	2204	1159	470	1133	40804
MAX	5.00	6.00	8.00	10.00	9.50	7.50	6.00	10.00

WAVE HEIGHT - PERIOD

ALL SEASONS

AREA W23
(10N-20N, 170W-150W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	1525	253	122	65			42	2007
0.75 -	5885	4614	2097	564	347	111	233	13851
1.75 -	2099	4019	2709	1047	380	228	193	10675
2.75 -	313	1036	1005	488	187	100	51	3180
3.75 -	98	225	309	171	107	27	20	957
4.75 -	27	49	76	56	9	8	3	228
5.75 -		12	33	11	9	18	3	86
6.75 -		8	14	13	2	6		43
7.75 -		1	4	2		2	1	10
8.75 -			2	2	1	2	1	8
9.75 -			2	1	1	2		6
10.75 -								
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM	193	10	5				177	385
TOTAL	10140	10227	6378	2422	1043	504	724	31438
MAX	5.50	8.50	10.50	12.50	10.00	10.00	9.00	12.50

AREA W27
(00N-10N, 150W-130W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	395	40	17	13			11	476
0.75 -	1754	1229	566	184	98	21	59	3911
1.75 -	471	972	574	264	70	45	26	2422
2.75 -	75	228	223	99	35	17	13	690
3.75 -	9	56	55	22	12	1		155
4.75 -	2	3	20	12	6		4	47
5.75 -				3	4			11
6.75 -						2		2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	55		1				17	73
TOTAL	2761	2528	1460	597	225	86	130	7787
MAX	5.00	5.50	6.00	6.00	6.00	7.00	5.50	7.00

AREA W24
(10N-20N, 150W-130W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	1229	152	52	65			35	1533
0.75 -	6866	4236	1746	530	390	142	321	14231
1.75 -	2810	4353	2901	1194	393	286	209	12146
2.75 -	449	1259	1127	487	195	118	61	3696
3.75 -	89	201	397	174	75	39	7	982
4.75 -	6	27	62	51	19	25	2	192
5.75 -	1	6	13	11	8	12	1	52
6.75 -		6	7	3	3	2		21
7.75 -		1	1	3		3		8
8.75 -			7		2			9
9.75 -				2		2		4
10.75 -								
11.75 -			1	1				2
12.75 -								
13.75 -								
14.75 -								
CALM	113		1				97	211
TOTAL	11563	10241	6315	2521	1085	629	733	33087
MAX	6.00	8.00	12.00	12.50	9.50	10.00	6.00	12.50

AREA W28
(00N-10N, 130W-110W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	526	100	27	60			12	725
0.75 -	1623	1373	577	201	84	40	94	3992
1.75 -	305	710	552	235	70	65	37	1974
2.75 -	37	138	177	49	42	14	9	466
3.75 -	2	13	22	8	5	8		58
4.75 -			2	2	4			8
5.75 -					2			2
6.75 -				1				1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	66	1					37	104
TOTAL	2559	2335	1357	556	207	127	189	7330
MAX	4.00	4.00	5.00	7.50	6.00	4.50	3.50	7.50

AREA W25
(10N-20N, 130W-110W)

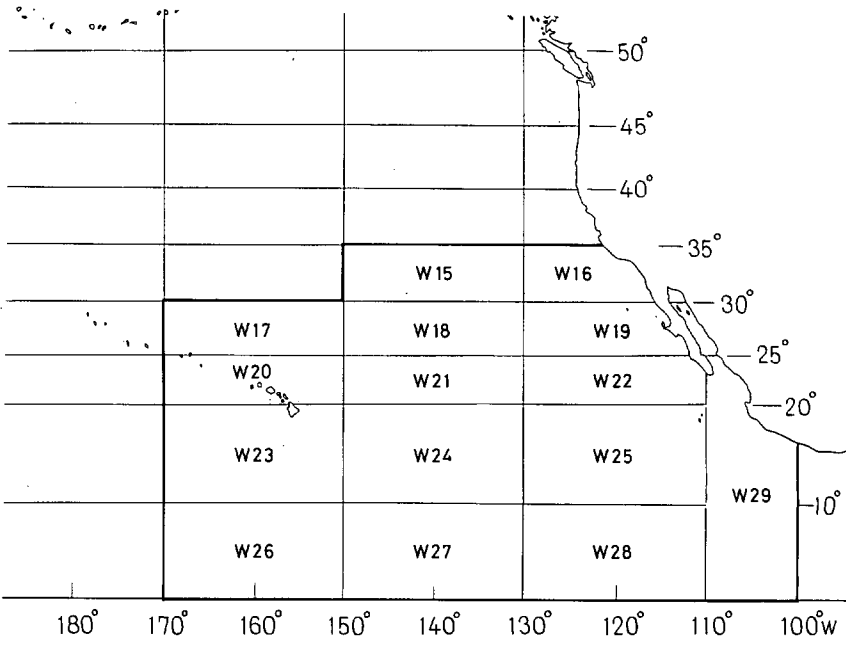
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	3939	428	161	114			83	4725
0.75 -	13201	7315	2854	1004	769	263	413	25819
1.75 -	3132	4974	3205	1122	496	334	177	13440
2.75 -	416	984	928	412	224	140	31	3135
3.75 -	54	128	192	143	85	39	4	645
4.75 -	14	22	46	27	8	13	3	133
5.75 -		6	14	8	10	11	1	50
6.75 -			5		2	3		10
7.75 -		5			8			13
8.75 -					2	2	2	6
9.75 -						3		3
10.75 -						2		2
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	420	10	2				233	665
TOTAL	21176	13872	7407	2830	1604	810	947	48646
MAX	5.50	8.00	7.50	6.00	9.00	11.00	9.50	11.00

AREA W29
(00N-35N, 110W-100W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	16900	2001	872	909			435	21117
0.75 -	23160	13337	5809	2166	1852	435	857	47616
1.75 -	2977	4230	2709	978	552	404	220	12070
2.75 -	324	750	692	285	177	127	25	2380
3.75 -	94	170	223	101	44	36	10	678
4.75 -	22	42	50	25	12	10	3	164
5.75 -		7	9	5	5	15		41
6.75 -		1	4	5		3		13
7.75 -			2	1				3
8.75 -			4		1			5
9.75 -				2		1	1	4
10.75 -			1					1
11.75 -						1		1
12.75 -								
13.75 -								
14.75 -								
CALM	3952	89	19		4		3886	7950
TOTAL	47429	20627	10394	4477	2647	1032	5437	92043
MAX	5.50	7.50	11.00	10.00	9.00	12.00	10.00	12.00

AREA W26
(00N-10N, 170W-150W)

HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	673	158	47	18			44	940
0.75 -	2213	1478	471	96	49	16	158	4481
1.75 -	477	984	618	211	64	24	69	2447
2.75 -	92	241	199	116	52	25	19	744
3.75 -	17	58	54	26	5	9	5	174
4.75 -	3	11	16	12	9	5	3	59
5.75 -		4	1	4		2	1	12
6.75 -		1	1		2	3		7
7.75 -					1			1
8.75 -						2		2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	69	1					51	121
TOTAL	3544	2936	1407	483	182	86	350	8988
MAX	5.00	7.00	7.00	6.00	8.00	9.00	6.00	9.00



北太平洋の風と波に関する統計図表 (1964-1973)

昭和 55 年 3 月 発行

編 集	社団法人 日本造船研究協会 第163研究部会
発 行 所	社団法人 日本造船研究協会 東京都港区虎ノ門1-15-16 船舶振興ビル8階 電話(03)502-2371(代)内線420-429
印 刷 所	啓文堂 松本印刷 東京都新宿区早稲田鶴巻町251 電話(03)203-4131(代)

日本船舶振興会昭和54年度補助事業
“船舶の外力と設計基準に関する研究”

WINDS AND WAVES OF THE NORTH PACIFIC OCEAN

北太平洋の風と波の統計図表

THE SHIPBUILDING RESEARCH ASSOCIATION
OF JAPAN

日本造船研究協会

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OF
THE NORTH PACIFIC OCEAN
1964 — 1973**

—STATISTICAL DIAGRAMS AND TABLES—

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MARCH 1980

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THE SHIPBUILDING RESEARCH ASSOCIATION
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2) 第 2 幹事会

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WINDS AND WAVES OF THE NORTH PACIFIC OCEAN (1964—1973)

1. Introduction

Recently the needs of statistical data of winds and waves on the oceans have been increasing in the various fields of marine technology such as shipbuilding, ship operation and ocean engineering, to use them for estimations of motions or forces on ships or ocean vehicles operating in winds and waves. The purpose of this book is to provide systematic information about environmental conditions for use in these fields, and presented are the results of statistical analysis of wind and wave data on the North Pacific Ocean for ten years from 1964 to 1973. Since the previous work by SR 80 analyzed the same kind of data for the ten years from 1954 to 1963, the period over ten years have elapsed, during which accumulation of data has been continuing by means of systematized procedure so that the amount of collected data becomes large enough to perform a statistical analysis. This is the reason why the present work was undertaken by SR 163 Research Panel. In the analysis the statistical relationship between the frequencies of occurrence of wind speed and wind direction, wave height and wave direction, wave height and wave period were derived, and the results have been represented by the rose maps of wind speeds and wave heights as well as in numerical tables of wave heights and wave periods for each sub zones divided the North Pacific Ocean. Some considerations on the characteristics of statistics of winds and waves in this ocean have been made.

2. Data Source

The materials submitted to this analysis are the Marine Meteorological Data stored at the meteorological offices both in Japan and the United States of America, i.e. the Japan Meteorological Agency and NOAA (National Oceanic and Atmospheric Administration, USA). The data were originally obtained by visual observations on the voluntary ships navigating in the world. In accordance with the international convention of W.M.O. (World Meteorological Organization), the observed data were presented to the meteorological offices of the responsible countries and transferred to the magnetic tapes after some manual and automatic checking of data and stored for convenience of further analysis. The Japan Meteorological Agency has such data for the western half of the North Pacific Ocean from 170° West, while NOAA has data for the eastern half from 170°W. Every data consist of information about position, time and measured and observed meteorological quantities including wind and wave data. The necessary information have been selected from the individual data and classified according to the method of analysis as described in the following chapters.

3. Method of Statistical Analysis

The relationship between probability of occurrences of the elements of wind and wave were analyzed statistically for the following combinations, i.e.

- (a) Wind Direction vs. Wind Speed,
- (b) Wave Direction vs. Wave Period,
- (c) Wave Direction vs. Wave Height,
- (d) Wave Period vs. Wave Height,
- (e) Wind Speed vs. Wave Period,
- (f) Wind Speed vs. Wave Height.

3.1 Division of Sea Area into Sub-Zones

The sea area of the North Pacific Ocean is divided into 89 sub-zones as shown in Fig. 2. Among those sub-zones, 60 belong to the western area from 170°W, while the other 29 to the eastern area. The statistics of wind and wave data have been derived for each sub-zone and for the whole area which summarizes the whole sub-zones except the following three sub-zones, WO1, WO2 and W29.

3.2 Seasonal Divisions

The analysis have been done for three sorts of seasonal divisions, i.e. monthly, four seasonal and the whole year. The monthly total is the summing up of data of every month through ten years. The season total is obtained by summing up the data of each three months through ten years as follows,

- (a) Spring: March - April - May,
- (b) Summer: June - July - August,
- (c) Autumn: September - October - November,
- (d) Winter: December - January - February.

3.3 Classifications of Elements of Wind and Wave

(a) Wind Direction and Wave Direction are segmented into twelve groups of each 30 degrees ray as shown in Table 1 and Fig. 1.

(b) Wind Speed is classified into nine groups as shown in Table 2, i.e. seven groups of every ten knots up to 70 knots, one group for over 70 knots and one group for calm.

(c) Wave Height is classified into seventeen groups as shown in Table 3, i.e. fifteen groups of every one meter up to 15 m, one group for over 15 m and one group for calm. For data belonging to the sea area east of 170°W the group calm includes data for which the wave height could not be measured. The original data of wave include both wind wave and swell data when they are observed simultaneously. In such cases the wave having higher wave height between wind waves and swell is assumed as the dominant wave in the area that observation was made, and the height, period and direction of the dominant wave are taken up for the statistical analysis.

(d) Wave Period is classified into seven groups as shown in Table 4 and 5, i.e. four groups for each two seconds from 6 seconds to 13 seconds, one group for wave period up to 5 seconds, one group for the period over 14 seconds and one group for calm.

(e) The wave heights and periods of wind waves have been checked by the wind speed of the same observation data, and modified as shown in Table 6.

3.4 Distribution of Number of Analyzed Data

Out of the total number 4,400,384 of analysed data, 2,649,946 belong to the western half of the North Pacific Ocean, while 1,750,438 to the eastern half. The number of analyzed data for each sub-zone is shown in Fig. 3.

4. Results of Analysis

4.1 Mean Wind Speed and Mean Wave Height

The mean values of wind speeds and the mean values of wave heights for each sub-zone are shown on the map of the North Pacific Ocean, for every month, every season and the whole year. The left

side pages show the mean wind speed map and the right side pages show the mean wave height map, respectively.

4.2 Relations of Wave Height and Period to Wind Speed

The frequency distributions of wave height and period versus wind speed were obtained as shown in Table 7 and 8. By using these results the average wave height and the average wave period versus wind speed have been derived as shown in Fig. 4 and 5, respectively. In the figures, the values for the whole area as well as for both eastern and western half areas of the North Pacific Ocean are shown. The values for the North Atlantic Ocean are also shown in the figures for comparison. It is observed in these figures that the average wave height of the western half area and the average wave period of the eastern half area of the North Pacific Ocean are almost the same as those of the North Atlantic Ocean.

4.3 Probability Distribution of Wave Heights

The fitness of the probability distribution of wave heights to the mathematical formula has been proved by plotting the cumulative probability of wave height on the log-normal distribution diagram as shown in Fig. 6-(a) and -(b). Fig. 6-(a) shows the distributions for four seasons of the whole area of the North Pacific Ocean. Fig. 6-(b) shows the distribution for all seasons summarized four seasons. In this figure the values of wave height represent the converted ones by the following equation relating the observed wave height, H_v , to the significant wave height, $H_{1/3}$:

$$H_{1/3} = 1.23 + 0.88 H_v \quad (\text{m})$$

The wave height distribution obtained by the analysis of SR 80 is also shown for comparison.

From these figures it can be deduced that the log-normal distribution fits well for wave height observed in the North Pacific Ocean.

4.4 Sea Area Where High Waves Or Strong Winds Were Observed Frequently

The distribution of sea area where the strong winds more than 50 knots or the high waves more than 10 m have been observed more than ten times for a month through ten years in a area enclosed by 2 degrees of latitude and 5 degrees of longitude is shown in Fig. 7 and 8, respectively, for each twelve months.

4.5 Wind Speed Rose and Wave Height Rose

The directional distributions of the probability of occurrence of wind speed and wave height are shown by rose diagrams. The length of vectors in 12 directions is proportional to the probability of occurrence. It should be noted that the scale of vector is changed for wind speed more than 30 knots and for wave height more than 3 m, as shown in the remarks of each map where the roses of each sub-zone are arranged for four seasons and the whole year. The maps both of the adjacent sea of Japan and the North Pacific Ocean can be found alternately.

4.6 Wave Height vs. Wave Period Table

The numbers of observations at each combinations of classes of wave height and wave period are shown by tabular form for each sub-zone of every four seasons and the whole years.

5. Concluding Remarks

It should be noted in utilizing the statistics presented in this book that the wave data used for this analysis were in most cases obtained by visual observations on voluntary ships. Therefore, the accuracy of data may be not always even and the density of observed data is not uniform depending on the frequency of presence of ships which would be influenced by operation practice of ships or weather conditions.

In spite of these limitations, the statistics described here will be useful to understand the wind and wave climates of the North Pacific Ocean as the environmental conditions of ships and ocean vehicles operating in this ocean, because the almost all data of wind and wave observed by human being for recent ten years in this Ocean are included, and that the total number of analyzed data is large enough to draw significant results statistically.

Acknowledgement

The Marine Meteorological Data used for this analysis were kindly offered from the Japan Meteorological Agency and NOAA, USA. The editors of this book would like to express their courteous thanks for the helps of those people in both organizations who gave us convenience for use of the stored data, namely, Dr. Masao Hanzawa, Mr. Kazuo Takenaga and Mr. Reizo Hasegawa as well as all of the other participants of the Japan Meteorological Agency, Mr. Daniel B. Mitchell, Director, and Mr. Robert Quayle of the National Climate Center, NOAA.

The editors also express their hearty thanks to Dr. Yasufumi Yamanouchi, General Manager of Akishima Laboratory of Mitsui Engineering and Shipbuilding Co., Ltd., for his comprehensive discussion and advise on the method of analysis as the chairman of the former analysis by SR 80, and Dr. Noritaka Ando, the former director general of Ship Research Institute, and Mr. William M. Nicholson, Associate Director of the Office of Marine Technology, NOAA, for their kind arrangements and suggestions for utilizing the data stored in NOAA.

The project of analysis was undertaken in collaboration between the Japan Meteorological Agency, Ship Research Institute and the Shipbuilding Research Association of Japan. The technical plan was guided by the SR 163 Research Panel and the method of analysis was discussed in the No. 1 Group of SR 163. Fig. 6-(a) and (b) were derived by Mr. Hiroshi Kawabe, Defence Academy, and Fig. 7 and 8 by Tsugio Matsumoto, one of the editors, by using the analyzed results.

北太平洋の風と波の統計図表(1964年－1973年)

1. 緒言

近年、造船・海運・海洋開発の分野において、船舶や海洋開発機器の設計値の推定、運航の安全の確保のため、海洋の環境条件、すなわち風や波浪に関する情報の必要性がますます増大してきている。風や波浪は自然現象であり、その情報も統計的に把握されることにより利用価値が高まるので、広い海域での長期間にわたる多数の観測データの統計が望まれる。

海洋の風あるいは波に関するそのような統計としてはこれまで次のようなものがあった。

- a. 北大西洋における定点海洋気象観測船の多数の観測値を集めたWaldenの統計表¹⁾
- b. 全世界の代表的航路の海域における一般商船(Voluntary Ships)の目視観測を集めたHogben & Lambの統計表²⁾
- c. 北太平洋における一般商船(日本国籍)の10年間(1954年－1963年)の目視観測の統計を出した山内らによるS R 80研究部会での統計解析³⁾⁴⁾

このうち、Waldenのものが専門の観測船によるデータということで、質の良いデータと考えられ、船体応答の長期予測等に比較的多く利用されている。しかし我が国と最も密接な関連を有する北太平洋の風や波浪に関しては北大西洋におけるような広範な観測船によるデータ取得がなされておらず、山内らの統計のような一般船舶の目視観測データに頼っているのが現状である。目視観測データは、波高や波周期のように不規則に変動するもののうちから、その平均的な値を直感や経験によって見出さなければならないという本質的な欠点をはじめ、船の通る航路の粗密による観測数の地域的・季節的なアンバランス、船の荒天避航などによる荒天遭遇頻度の低下あるいは変形などデータの利用に際して留意しなければならない点も多いが、観測数が非常に多いので統計値として利用価値が充分あり、これまでも広く利用に供されてきた。

山内らの使用したデータは、1954年から1963年までの10年間に得られたものであるが、1964年以降今日まで同様の目視観測データがわが国の気象庁をはじめ海洋気象データ収集の責任国に集積されてきている。これらのデータ数はわが国の気象庁だけでも10年間に300万以上の膨大な数に達している。そこで前回に引続き、北太平洋の風と波のデータを統計解析し各方面の利用に供することとなった。

今回 S R 163 研究部会で実施した解析の特徴を挙げると次のようになる。

- a. 前回に加えて観測データ数が増大するので統計値としての価値が高い。
- b. 波浪の観測法やデータの集積・保存がWMOの海上気象統計事業として国際的に統一された基準により系統的に行われるようになったので、データの質が向上していると考えられる。
- c. わが国ばかりでなく、他海域のデータもそれぞれ責任国に集積されているので、将来、これらのデータの解析を行うことができれば、世界のすべての海域の海象・気象を同じベースで比較できるようになる。
- d. 船舶の大型化・高速化・専用化などがこの10年あまりの間に飛躍的に進んだので、船の航路や荒天避航の状況がそれ以前の10年間と異なる場合も多いと想定され、したがって前回のデータ密度の片寄りがあるとすればその粗密を補う可能性も期待できる。

幸いにも、この期間の北太平洋における海洋気象データは、わが国の気象庁海洋気象部とアメリカ合衆国NOAA(海洋大気庁)に磁気テープ化され保管されており、これら機関の協力を得て磁気テープデー

タを全面的に利用することができ、統計解析も容易に行うことができた。

本書はその解析結果を利用に便利な形にとりまとめたもので、次のような内容からなっている。

- a. 海区ごとの平均風速、平均波高の分布。
- b. 海区ごとの風速及び波高の方向別頻度分布を示すローズ地図。
- c. 海区ごとの波周期と波高の頻度分布表。
- d. その他平均風速と平均波高、平均波周期の関係、波高の出現頻度分布形に関する考察、大波高や強風の出現頻度の大きい海域図など。

2. 原データ

統計解析に用いた原データは、日本の気象庁及びアメリカ合衆国NOAAに保管されている海洋気象観測データ(Marine Meteorological Data 又は Marine Surface Data)である。これらのデータは、WMO(世界気象機構)の第4回総会決議35「世界気候図帳の海洋編刊行を目標とする海上気候一覧表と資料収集のための国際協定(W.W.W., World Weather Watch)」に基いて行われている国際海上気象統計業務の目的で収集されたものである。この業務は、1961年から向う30年間資料を収集し、最終的には世界海洋図帳を作成することを目標としている。この業務を実施するため、世界の海を10海区に区分し、9ヶ国(1978年以降8ヶ国)がそれぞれ担当海域を受持って自己の責任海域内の海上気象統計を担当する。日本の担当海域は赤道から北緯46°まで、東経120°から西経170°まで、アメリカ合衆国の担当海域は北半球では西経50°から西経170°までとなっている。

日本の場合、1952年以降は気象業務法により決められた船舶(1600トン以上のすべての船舶)が距岸50カイリ以遠を航行する場合、気象観測通報を行っている。またアメリカ合衆国の場合は18世紀頃からの自国及び外国の海洋観測データを収集して、全世界の海洋を経度、緯度とも10°の柵目(Marsden Square)に区切りデータを年度順に分類保管している。そしていずれの国でも1961年から上記の国際業務に移行している。

日本の気象庁には1961年以降は、日本船舶が観測した全世界の海域でのデータと、日本の統計業務の責任海域内で観測した外国船のデータが合わさり、1年分が磁気テープ1巻に格納されている。データの数は1年間約30万である。このようなテープの1964年から1973年までの10巻を気象庁から借用して解析に使用した。

アメリカ合衆国NOAAに保管されているデータについては、今回の解析の対象となる海域及び年のデータを原磁気テープより読み出し、新らしく16巻の磁気テープに格納し直したものを輸入して解析した。

観測回数は、日本船の場合原則として3時間おき1日8回、国際観測通報船舶(Selected Ship)による気象観測は6時間おき、1日4回行われることになっている。観測データは船舶気象観測表に記入され、船から自国の気象官署に郵送される。このデータは受付けた気象官署でチェックされたのちWMO指定の万国共通の国際海上気象パンチカードに穿孔され磁気テープに記録される。さらにデータは世界の10の海域ごとに分類され、その海域の担当国の気象官署あて、パンチカード又は磁気テープにより1年1回送付される。担当国では自国船のデータと、外国から送られてきたデータとを一緒にしてローデータ磁気テープに収納し、これを計算機によるチェックルーチンにかける。その際疑問のあるデータは自動的に修正される。波浪に関しては、その時の風速と対照してTable 6に示すような修正が行われる。即ち、風速の強さに対してあまりに低いか高い風浪の波高は、風速に対し妥当と考えられる数値に修正されることとなっている。風速に関しては、

測器によるもの、目視により風力を記入したものの両方がある。風力が記入されたものについては、これを風速に換算した値が記録されるようになっている。なお、船に備えた風速計の場合、海面上高さ等による補正は行っていない。このような修正が行われたデータが最終的なデータとして磁気テープに記録され、保管されている。

3. 解析

海象・気象データの統計解析により、風向、風速、波向、波高、波周期の5つの要素から次の6組の組合せの出現度数・頻度分布を求めた。

- | | |
|-----------|-----------|
| a. 風向－風速 | d. 波高－波周期 |
| b. 波向－波高 | e. 風速－波高 |
| c. 波向－波周期 | f. 風速－波周期 |

各要素の区分は次のように行った。

3. 1. 海区の区分

対象海域は、 $0^{\circ}\text{N}-50^{\circ}\text{N}$ 、 $110^{\circ}\text{E}-170^{\circ}\text{W}$ の西部北太平洋及び $0^{\circ}\text{N}-65^{\circ}\text{N}$ 、 $170^{\circ}\text{W}-100^{\circ}\text{W}$ の東部北太平洋である。この全海域をさらに89の小海区に分割した。海区の区分をFig.2に示す。このうち60海区は 170°W 以西の西部北太平洋に、29海区は 170°W 以东の東部北太平洋に属している。

統計解析はこれらの89の小海区に対して求めたほか、北太平洋の全海域についても求めた。なお全海域の統計には 55°N 以北の小海区W01、W02及び 110°W 以东の小海区W29の値は含まれていない。

3. 2. 季節的区分

10年間のデータをまとめて、1月から12月までの各月別、春、夏、秋、冬の4季別および通年の統計を出した。このうち、4季は次のような分類となっている。

- 春：3月・4月・5月
夏：6月・7月・8月
秋：9月・10月・11月
冬：12月・1月・2月

3. 3. 風および波の各要素の区分

a. 風向および波向

風向および波向はTable 1およびFig.1に示すように、 30° ずつの扇形で区切った合計12の方位に分割した。なお風向とは風の吹いて来る方向を、波向とは波が伝播して来る方向をいう。

b. 風速

風速はTable 2に示すように、 $0-70$ ノットの間は10ノットごとに分割し、70ノット以上は一つの区分にまとめた。また平穏 (calm) も一つの区分とした。なお、統計では平均風速と最大風速も求めて表示した。

c. 波高

波高はTable 3に示すように $0-0.75\text{m}$ 、 $0.75-1.75\text{m}$ 、…のように、 14.75m までは 1m づつに区切り、 14.75m 以上は1区分にした。また平穏 (calm) も1区分とした。風速の場合と同様、平均波高および最大波高も求めた。

波の観測データには、同時に観測されたうねりと風浪の両方が記録されていることが多い。その場合には、うねりの波高と風浪の波高を比較し、波高の大きい方の波をその観測時の主要波と考え、その波高・波周期および波向のデータを採用した。ただし風浪の方向は風向と一致するとしている。また波高の最大値はチェックルーチンにより 20m を上限とし、 20m より高い波高はすべて 20m にされている。

d. 波周期

波周期はTable 4およびTable 5にそれぞれ示すように、風浪、うねりとも、平穏 (calm)・5秒以下・6秒と7秒・8秒と9秒・10秒と11秒・12秒と13秒・14秒以上の7つに区分した。

日本の気象庁とNOAAとでは、磁気テープに記録されている風浪の周期のコードが異っているので解析のときには注意を払った。

e. 波浪のデータの修正について

船舶気象観測表から磁気テープに移されたデータは、計算機によるチェックルーチンにかけられ、修正したものが最終データとなる。今

回の解析に用いたのはこの最終データの磁気テープである。チェックルーチンにより、波浪に関しては次の方法で修正される。

(1) 波高の上限値

20m 以上の波高 (うねり) はすべて 20m とする。

(2) 風浪の波高及び周期の修正

風浪の波高と周期は風速値に従ってチェックされ、Table 6に示す上限値と下限値をはみ出すデータに関しては、上限値より高い値は上限値に等しくし、下限値より低い値は下限値に等しくする。

上記の修正により波浪データの統計がどのような影響を受けているかを調べるため、1972年の1年分のデータについて、修正前と修正後の波高・波周期の頻度分布を求めてみた。それによると両者の差は非常に低波高の場合を除いて小さく、修正によって統計が著しく変形されるということがないことがわかった。

3. 4. 解析データ数の分布

解析したデータの海区ごとの数はFig.3に示す通りである。日本の気象庁のデータは2,649,946、NOAAのデータは1,750,438、合計4,400,384である。ただし、これは解析した風のデータの数であり、波のデータ数はこれより若干少ない。海区ごとの波のデータ数は、波高－波周期の数表の中に示されている。

4. 解析結果

4. 1. 平均風速及び平均波高

各海区における風速の平均値、波高の平均値を、月別・季別・通年について地図上に表示した。この地図は、§5.p.12～p.23に示されるが、見開きページの左側には平均風速を、右側には平均波高を対にして示してある。

4. 2. 風速と波高・波周期の関係

通年・全海域に対する風速と波高及び波周期の関係の頻度分布を求めた。

その結果をTable 7及びTable 8に示す。それぞれの風速の区分における波高および波周期の平均値を求めるとFig.4およびFig.5のようになる。ここで、風速は10ノットずつの区分の中間の値、すなわち5ノット、15ノット……等を取り、5秒以下の波周期はすべて4秒、14秒以上の波周期はすべて14秒として計算した。同図中には、 170°W 以东及び以西に分けた場合の統計結果から求めた風速と波高および波周期の平均値の関係、さらに北大西洋における気象観測船の観測結果から導いたRollの値⁴⁾も比較のため記入してある。これによると、波高は西太平洋が東太平洋より高く、北大西洋の値に近い。また波周期は東太平洋が西太平洋より1～1.5秒長く、北大西洋の値に近い。しかし、北大西洋の観測は観測船によるものであるのに対し、北太平洋の波浪データは、ほとんど一般商船の目視観測によるもので、両者の観測精度が異なることに留意する必要がある。

4. 3. 波高の出現頻度分布

全海域の4季に対する波高の累積確率分布を対数正規確率紙上に示したものがFig.6(a)である。ここに示す波高は観測波高そのままの値である。

この図によると、波高はほぼ直線状の分布で示されることがわかる。すなわち、北太平洋の波高の頻度分布は対数正規分布で近似できるといえる。対数正規分布は次式で表される。

$$P(x) = \frac{\log e}{\sqrt{2\pi}\sigma'x} \exp \left[-\frac{(\log x - m')^2}{2\sigma'^2} \right] \quad (1)$$

ここで、 x は波高、 m' は $\log x$ についての平均値、 σ' は $\log x$ についての標準偏差を示す。Fig.6(b)には、全海域の通年の波高の累積確率分布を前回のSR80の結果も併せて対数正規確率紙上に示した。この場合の波高としてはHogben & Lambによる¹⁾

$$H_{1/3} = 1.23 + 0.88H_v \quad (\text{m}) \quad (2)$$

の式で換算した有義波高をとった。これによると、前回と今回の差は小さいと言える。

4. 4. 強風・高波の頻度の高い海域

この統計の対象とした10年間に、50ノット以上の強風、10m以上の

高波を10回以上観測した海域（緯度2°，経度5°の枠目）の月ごと分布をFig. 7およびFig. 8に示す。これによると，アリューシャン南方，本邦東方海上に強風・高波の出現頻度が高いことがわかる。

4. 5. 風速・波高のローズ地図

風速および波高のそれぞれの方位別出現頻度を図で示す，いわゆるローズ地図を作成した。§ 6. p. 24～p. 43に風速のローズ（Wind Speed Rose）を，§ 7. p. 44～p. 63に波高のローズ（Wave Height Rose）を示す。地図は，春夏秋冬の4季及び通年について，日本近海の小海区の区分をそのままにした地図と，北太平洋全海域を示す地図の2種類がある。ローズは，風向及び波向に描かれたベクトルの長さが風速または波高のそれぞれの方向での出現頻度に比例するようになっている。ただし，強風と高波の出現頻度を見易くするため，30ノット以上の風速はそれ以下の風速の5倍のスケールで，2.75m以上の波高に対してはそれ以下の波高の4倍のスケールで表現しているので注意していただきたい。図の見方は，地図の左上方のRemarksを参照されたい。

4. 6. 波高と波周期の組合せ出現頻度表

波高と波周期の各区分の組合せごとの出現頻度表を，各海区ごとに，4季および通年について表示したのが，§ 8. p. 64～p. 123の表である。見開きページの右下に，そのページに示す海区の場所を示す地図が付いている。なお，全海域に対する表を，p. 64, p. 76, p. 88, p. 100およびp. 112の小海区に対する表の最初に示してある。

5. 結言

本書は北太平洋のほぼ全域における10年間（1964—1973年）の風および波の目視観測データを統計解析したものを，利用に便ように数表と地図にまとめたものである。

これは，さきに1954—1963年の10年間の北太平洋における風と波の観測データを統計解析したSR 80部会の仕事を受継いだものであるが，今回の解析の特徴を挙げると次のようになる。

- WMOの取り決めにより，世界のすべての海域における気象・海象のデータ収集，保管が国際的に統一された基準で行われるようになったので，北太平洋に関しても日本及びアメリカ合衆国に保管されている世界各国の船舶によるすべてのデータを利用することができた。
- 解析したデータ総数も400万をこえる膨大なものとなった。
- 波高の観測値には有義波高（1/3最大平均波高）をとることが実行されるようになり，波高データの質が向上した。
- 船舶の大型化，専用化，高速化などが1964年以降の10年間は特に顕著であったから，船の航路や荒天避航の状況がそれ以前の10年間と変わってきていると考えられ，観測データの海域分布などにも影響している可能性がある。
- 今回の解析では波高の区分を14.75mまで，1mずつの区分としたので，高波高域での波高の頻度分布の状況がよく分るようになった。（前回は7.75m以上の波高は1区分の中にまとめている）
- 観測データ数が多かったので，日本近海の小海区区分を前回より細かくした。したがってこの海域内での海象の地理的特徴がよく分るようになった。
- 50ノット以上の強風，10m以上の高波の観測数の海域分布を調べた。
- 本書では，4季及び通年に対する統計解析結果を主として示したが，月別の各種統計解析も行われているが，ページ数の関係で掲載することができなかった。これらの利用価値も高いので，機会をみて発表したいと考えている。

本書の利用に際しては，波のデータがほとんど一般商船の目視観測であることに特に留意する必要がある。すなわち，観測者の慣熟の違いによる精度の不統一があること，船の大きさの違いにより波を観測する視点の水面上高さが異なるため，観測値に影響すること，荒天を避航することが多いので，強風や高波に遭遇する頻度が一般に減少していると考えられること，等の点である。一般商船の目視観測データにはこのような問題点があるが，本書のデータは最新の10年間に北太平洋に於いて船舶が遭遇し，人類が観測した風と波の情報をもうらした

総合的な解析である。従って今後，北太平洋において船舶が遭遇する海象・気象の特性を理解するのにおおいに役立つものと思う。

解析結果のとりまとめは，統計解析全般とローズ地図作成に関しては高石，大松がおこない，強風・高波の統計及び調査分析は松本がおこなった。また，波高の累積確率分布の図は河辺が作成した。

謝辞

本書の統計解析の原データは日本の気象庁，アメリカ合衆国NOAAから提供されたものである。これら貴重なデータの利用を快く許可された両機関の関係者の方がたに敬意と感謝の意を捧げるものである。すなわち，データの整備や提供に，日常業務の多忙ななかで協力をいただいた，気象庁海洋気象部海上気象課の長谷川礼三氏，首藤康雄氏はじめ同課の方がた，NOAAのデータ入手に対し仲介の労を取っていただいた前船舶技術研究所長安藤文隆博士，NOAA, Office of Marine TechnologyのW. M. Nicholson 副所長，データの編集と輸送を必要な期間のうちに実行していただいたNOAA, National Climatic CenterのDaniel B. Mitchell 所長，Robert Quayle氏および，同所の関係者の方がたに深く感謝する。

また，三井造船㈱昭島研究所長山内保文博士からは，SR 80研究部会の部会長として前回の統計解析を行った経験をはじめとして，本作業の計画立案の段階から多くの貴重な教示と援助をいただいた。ここに深く感謝の意を表す次第である。

なお，今回の統計解析は日本造船研究協会に設けられたSR 163研究部会により実施されたが⁵⁾ 統計解析の実務は同部会の中に設けられた第一幹事会が担当した。統計解析の作業は1976年から1979年の4年間にわたり行われたが，この間，気象庁海洋気象部海上気象課との共同作業と，船舶技術研究所との共同研究が継続された。

電算機による統計解析はセンチュリ・リサーチ・センター㈱が担当し，同社のFACOM 230/48およびCDC6600/CYBERを使用して行われた。

解析の結果は，計算機のラインプリンター用紙に印刷されたほか，磁気テープにも記録された。印刷されたものは気象庁海洋気象部海上気象課，船舶技術研究所運動性能部及び日本造船研究協会に保管されている。また磁気テープは船舶技術研究所運動性能部に保管されている。（以上）

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§ 3 Figures and Tables For Method of Analysis

Table 1 Classes of Direction of Winds and Waves
風向及び波向の区分表

Code	Ship Code	Direction
1	35 36 01	345° - 15°
2	02 03 04	15 - 45
3	05 06 07	45 - 75
4	08 09 10	75 - 105
5	11 12 13	105 - 135
6	14 15 16	135 - 165
7	17 18 19	165 - 195
8	20 21 22	195 - 225
9	23 24 25	225 - 255
10	26 27 28	255 - 285
11	29 30 31	285 - 315
12	32 33 34	315 - 345
13	00	Calm
14		Total

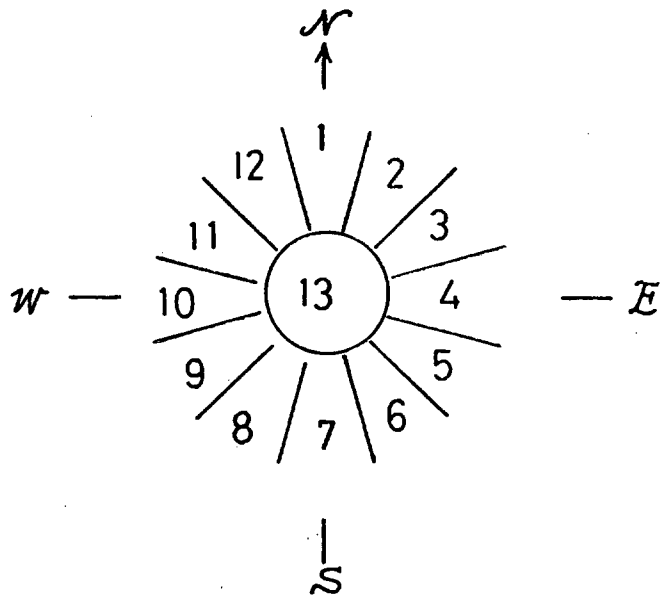


Fig. 1 Classes of Direction of Winds and Waves
風向及び波向の区分図

Table 2 Classes of Wind Speed
風速の区分表

Code	Ship code	Wind Velocity
1	01...09	$0 \leq U < 10$ (kt)
2	10...19	$10 \leq U < 20$
3	20...29	$20 \leq U < 30$
4	30...39	$30 \leq U < 40$
5	40...49	$40 \leq U < 50$
6	50...59	$50 \leq U < 60$
7	60...69	$60 \leq U < 70$
8	70...99	$70 \leq U$
9	00	Calm
10		Total
11		Max. Value of U

Table 3 Classes of Wave Height
波高の区分表

Code	Ship Code	Wave Height (m)
1	01	$0 \leq H_W < 0.75$
2	02 03	$0.75 \leq H_W < 1.75$
3	04 05	$1.75 \leq H_W < 2.75$
4	06 07	$2.75 \leq H_W < 3.75$
5	08 09	$3.75 \leq H_W < 4.75$
6	10 11	$4.75 \leq H_W < 5.75$
7	12 13	$5.75 \leq H_W < 6.75$
8	14 15	$6.75 \leq H_W < 7.75$
9	16 17	$7.75 \leq H_W < 8.75$
10	18 19	$8.75 \leq H_W < 9.75$
11	20 21	$9.75 \leq H_W < 10.75$
12	22 23	$10.75 \leq H_W < 11.75$
13	24 25	$11.75 \leq H_W < 12.75$
14	26 27	$12.75 \leq H_W < 13.75$
15	28 29	$13.75 \leq H_W < 14.75$
16	30-99	$14.75 \leq H_W$
17	00	Calm
18		Total
19		Max. Value of H_W

Table 4 Classes of Wave Period (Japan)
波周期の区分表 (気象庁)

Code	Ship Code of Sea	Ship Code of Swell		Wave Period(sec)
		Since 1968	Before 1967	
1	01 02 03 04 05	5	2	$T_w \leq 5$
2	06 07	6 7	3	$5 < T_w \leq 7$
3	08 09	8 9	4	$7 < T_w \leq 9$
4	10 11	0 1	5	$9 < T_w \leq 11$
5	12 13	2 3	6	$11 < T_w \leq 13$
6	14 ...	4	7 8 9 0 1	$13 < T_w$
7	00			Calm
8				Total

Table 5 Classes of Wave Period (NOAA)
波周期の区分表 (NOAA, アメリカ)

Code	Ship Code of Sea	Ship Code of Swell		Wave Period(sec)
		Since 1968	Before 1967	
1	2	5	2	$T_w \leq 5$
2	3	6 7	3	$5 < T_w \leq 7$
3	4	8 9	4	$7 < T_w \leq 9$
4	5	0 1	5	$9 < T_w \leq 11$
5	6	2 3	6	$11 < T_w \leq 13$
6	7 8 9 0 1	4	7 8 9 0 1	$13 < T_w$
7				Calm
8				Total

Table 6 Limitation of Heights and Periods of Wind Waves
Corresponding to Wind Speed
風浪の波高と周期の制限

Wind Speed (kt)	Height (m)		Period(sec)	
	Lower Limit	Upper Limit	Lower Limit	Upper Limit
0-8	0	1	0	4
9-15	0.5	1.5	1	8
16-25	1	3	2	10
26-35	2	4	3	14
36-45	3	9	4	18
46-59	7	13.5	6	24
60-	12 (Constant)		10	-

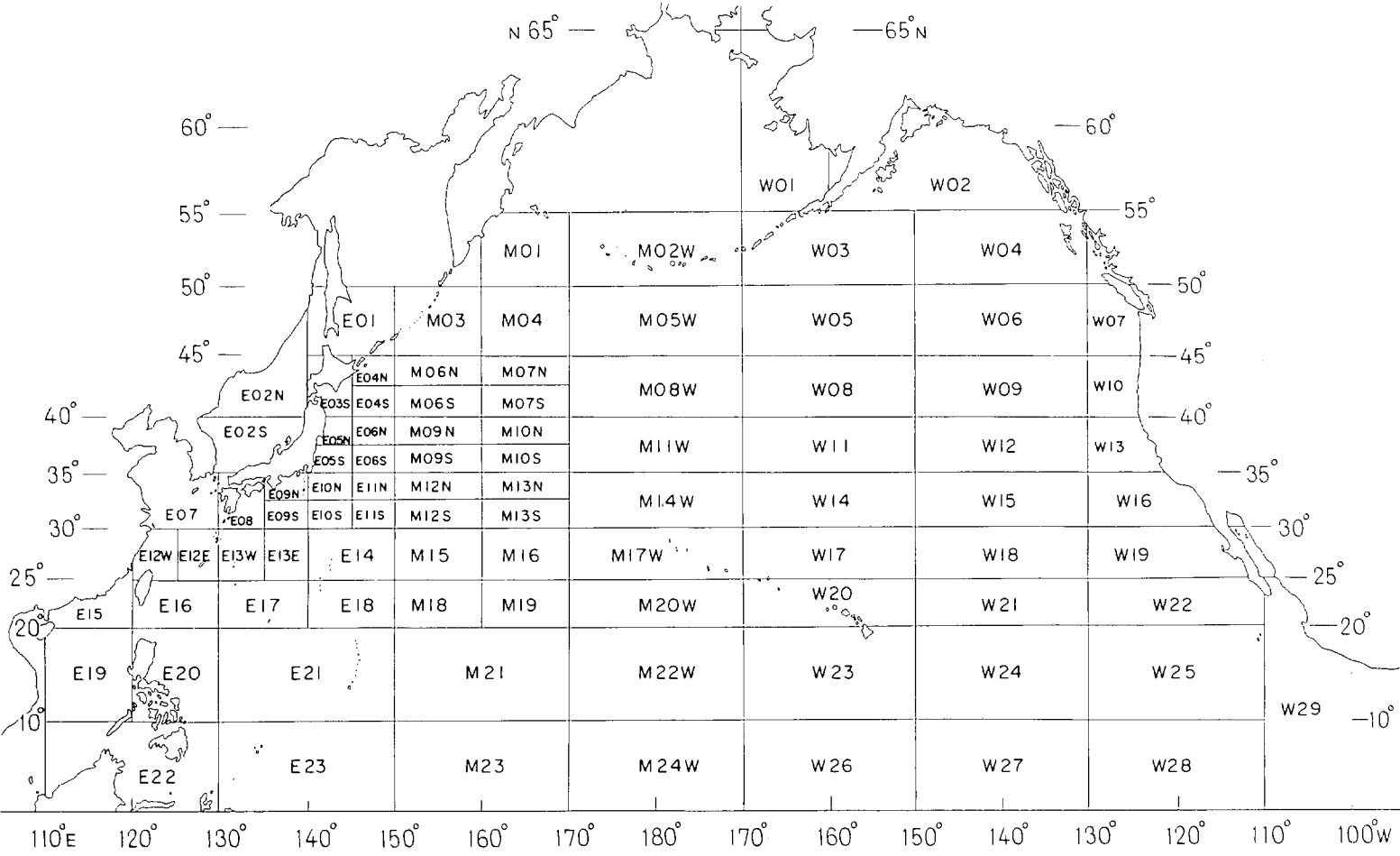


Fig. 2 Division of Sea Area into Sub-Zones
小海区の区分図

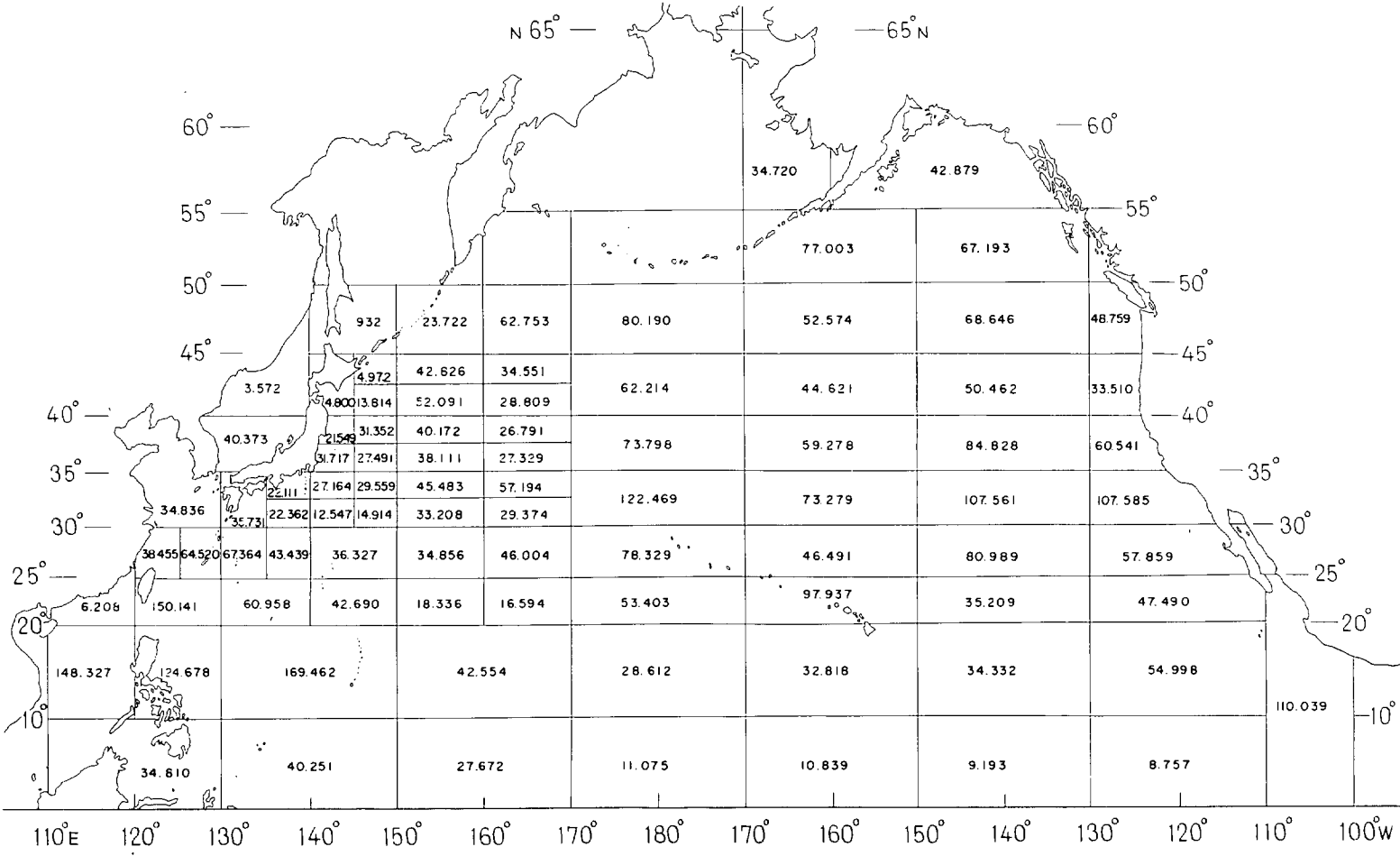


Fig. 3 Number of Analyzed Data for Each Sub-Zone
小海区毎の解析データ数

§ 4 Figures and Tables of the Results of Analysis

Table 7 Wave Height vs. Wind Speed for All Seasons and the Whole Area
風速対波高の頻度表

		WIND SPEED (kt)										
WAVE HEIGHT (m)	CODE	00 1	10 2	20 3	30 4	40 5	50 6	60 7	70 8	CALM 9	TOTAL 10	M A X 11
	1 0.00 -	243971 6.61	145065 3.93	2608 .08	390 .01	78 .00	14 .00	4 .00	2 .00	23296 .63	415623 11.26	91.00
	2 0.75 -	438331 11.88	920564 24.95	140128 3.80	2708 .07	137 .00	6 .00	-	-	23556 .64	1525430 41.34	55.00
	3 1.75 -	133049 3.61	506367 13.72	298644 8.09	37279 1.01	811 .02	42 .00	8 .00	2 .00	7475 .20	933677 26.66	79.00
	4 2.75 -	34999 .95	156782 4.25	188338 5.10	55081 1.49	7423 .20	121 .00	12 .00	1 .00	1947 .05	444704 12.05	70.00
	5 3.75 -	9485 .26	41586 1.13	66596 1.80	45929 1.24	7248 .20	234 .01	37 .00	5 .00	410 .01	171530 4.65	90.00
	6 4.75 -	2480 .07	10435 .28	18169 .49	14666 .40	3848 .10	154 .00	10 .00	1 .00	112 .00	49375 1.35	70.00
	7 5.75 -	804 .02	3699 .10	7844 .21	8561 .23	3437 .09	152 .00	29 .00	5 .00	32 .00	24533 .67	70.00
	8 6.75 -	299 .01	1456 .04	3409 .09	4862 .13	4640 .13	2404 .07	209 .01	4 .00	13 .00	17296 .47	80.00
	9 7.75 -	118 .00	475 .01	1354 .04	2197 .06	1604 .04	432 .01	55 .00	1 .00	2 .00	6238 .17	70.00
	10 8.75 -	38 .00	210 .01	663 .02	1186 .03	1261 .03	458 .01	86 .00	3 .00	1 .00	3906 .11	85.00
	11 9.75 -	40 .00	178 .00	479 .01	775 .02	681 .02	271 .01	35 .00	1 .00	-	2460 .07	78.00
	12 10.75 -	12 .00	28 .00	42 .00	79 .00	108 .00	77 .00	12 .00	1 .00	-	359 .01	70.00
	13 11.75 -	10 .00	19 .00	37 .00	84 .00	128 .00	86 .00	200 .01	137 .00	1 .00	702 .02	115.00
	14 12.75 -	3 .00	6 .00	17 .00	21 .00	24 .00	36 .00	12 .00	-	-	119 .00	63.00
	15 13.75 -	-	7 .00	15 .00	11 .00	25 .00	10 .00	9 .00	2 .00	-	79 .00	90.00
	16 14.75 -	15 .00	17 .00	24 .00	63 .00	71 .00	45 .00	23 .00	9 .00	1 .00	268 .01	85.00
	17 CALM	23230 .63	3610 .10	315 .01	81 .00	16 .00	7 .00	2 .00	-	-	15656 .42	42917 1.16
18 TOTAL	886884 24.04	1790504 48.53	728882 19.75	173993 4.72	31540 .85	4549 .12	743 .02	174 .00	72502 1.96	3639771 100.00	115.00	
19 M A X	20.00	17.50	20.00	16.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	

Table 8 Wave Period vs. Wind Speed for All Seasons and the Whole Area
風速対波周期の頻度表

WIND SPEED (kt)

		WAVE PERIOD (sec)							
CODE		- 1 5	- 2 7	- 3 9	- 4 11	- 5 13	13 6	7 CALM	8 TOTAL
1	00 -	423358 11.94	203730 5.75	121477 3.43	33876 .96	20084 .57	9312 .26	22003 .62	833840 23.53
2	10 -	829267 23.40	448868 12.66	294494 8.31	84498 2.38	45621 1.29	20587 .58	10694 .30	1734029 48.92
3	20 -	266958 7.53	191259 5.40	154023 4.35	54397 1.53	29171 .82	11410 .32	3217 .09	710435 20.04
4	30 -	47110 1.33	41769 1.18	43042 1.21	17817 .50	12378 .35	6046 .17	595 .02	168757 4.76
5	40 -	6869 .19	7762 .22	7387 .21	3394 .10	3002 .08	1951 .06	128 .00	30493 .85
6	50 -	94 .00	2010 .06	896 .03	475 .01	435 .01	450 .01	22 .00	4382 .12
7	60 -	10 .00	217 .01	83 .00	210 .01	70 .00	92 .00	7 .00	689 .02
8	70 -	2 .00	2 .00	7 .00	120 .00	6 .00	13 .00	- -	150 .00
9	CALM	13541 .38	13169 .37	8337 .24	3172 .09	1869 .05	961 .03	20493 .58	61542 1.74
10	TOTAL	1587209 44.78	908786 25.64	629746 17.77	197959 5.59	112636 3.18	50822 1.43	57159 1.61	3544317 100.00
11	M A X	91.00	70.00	80.00	115.00	80.00	80.00	63.00	115.00

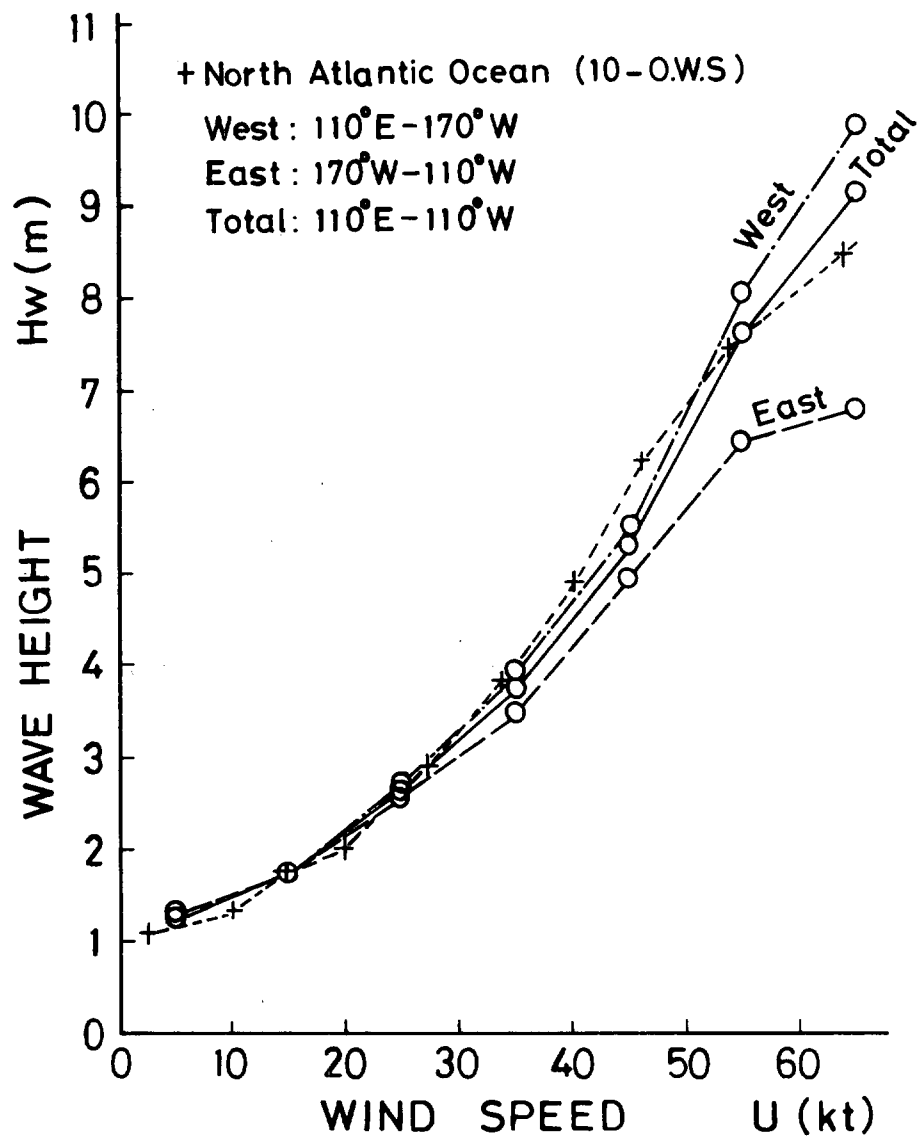


Fig. 4 Mean Value of Wave Height vs. Wind Speed
風速対波高平均値

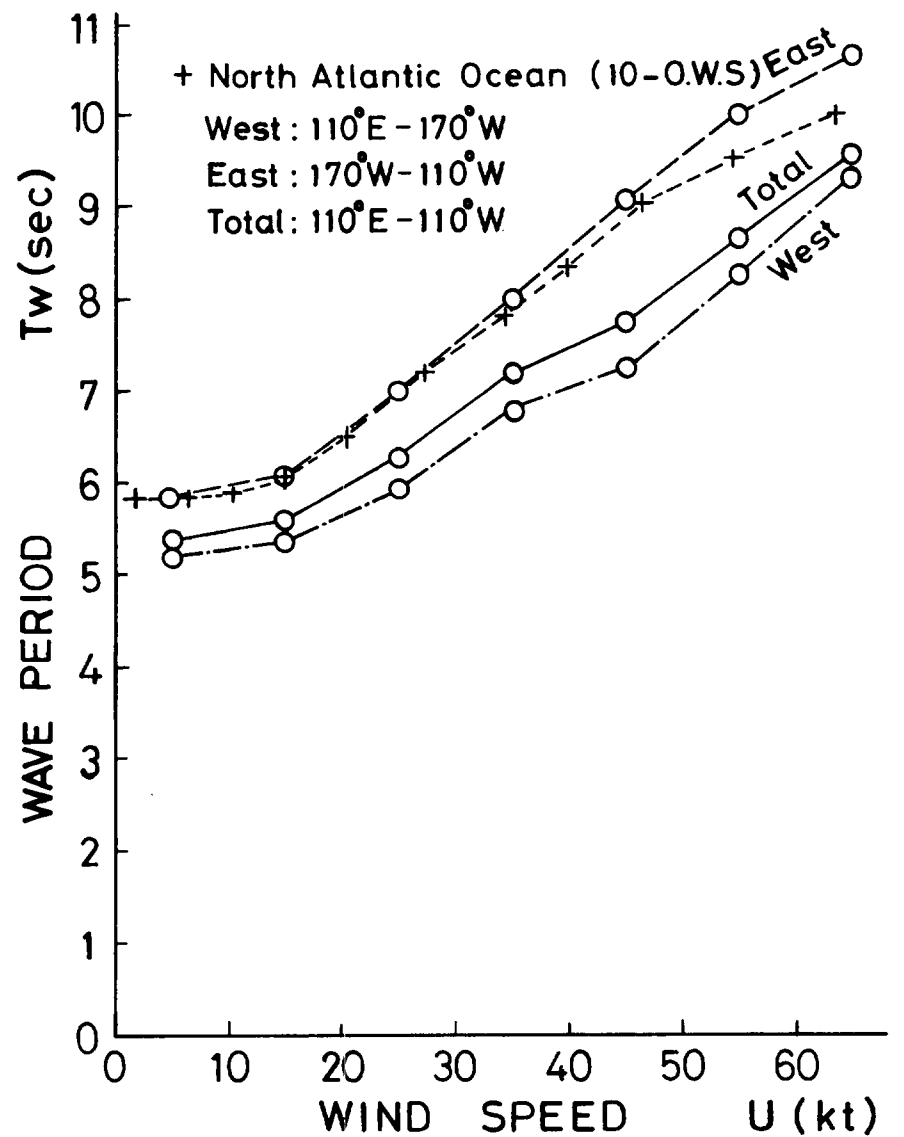


Fig. 5 Mean Value of Wave Period vs. Wind Speed
風速対波周期平均値

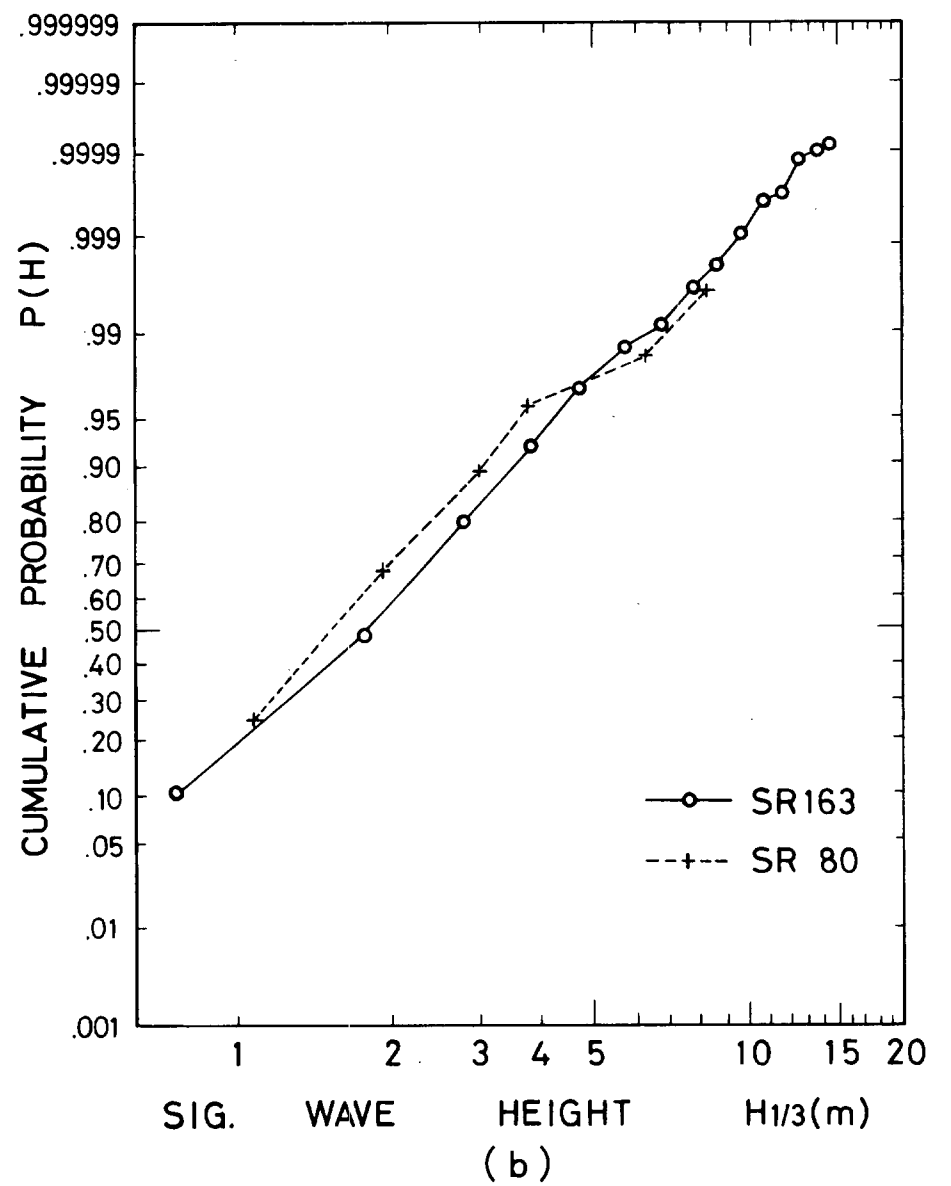
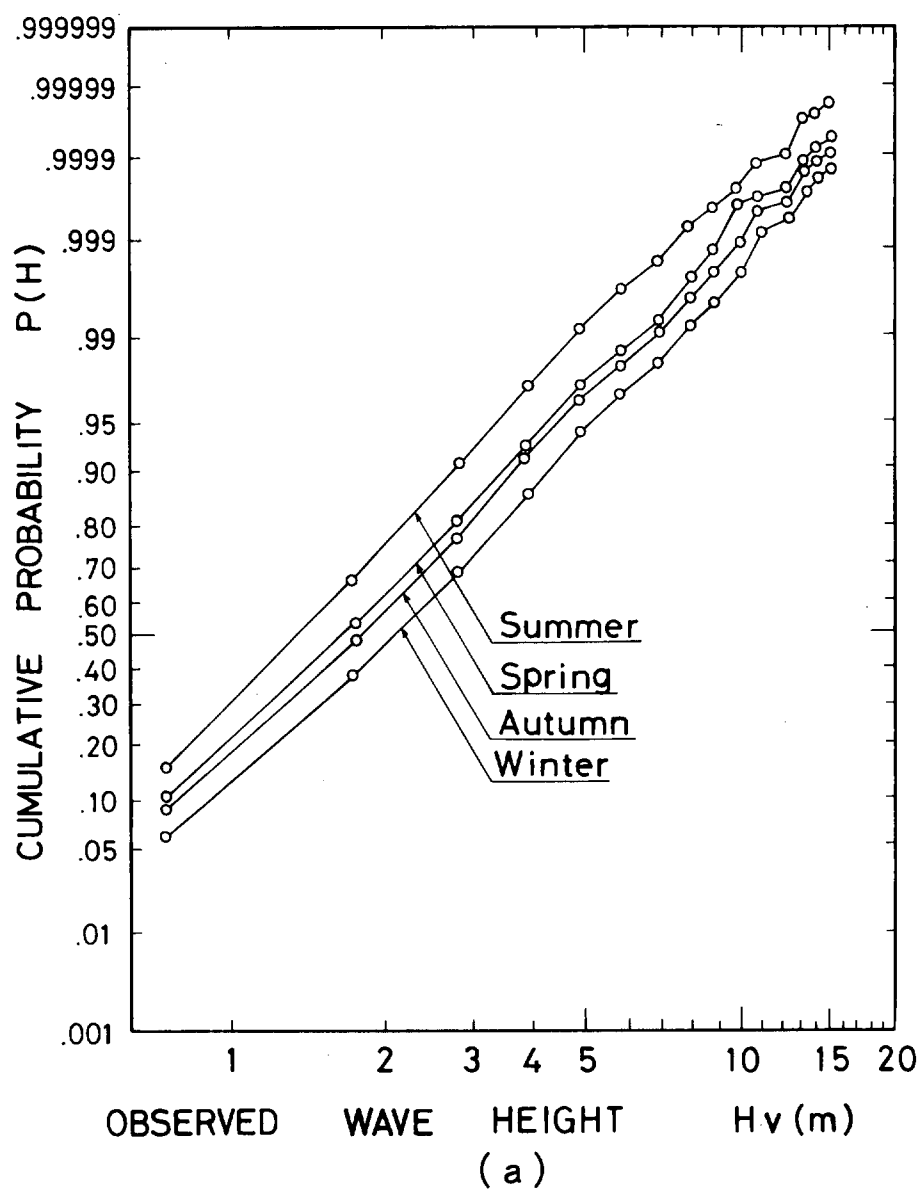


Fig. 6 Cumulative Probability of Wave Height Represented
on the Log-normal Distribution Diagram
対数正規分布確率紙に画いた波高の累積確率

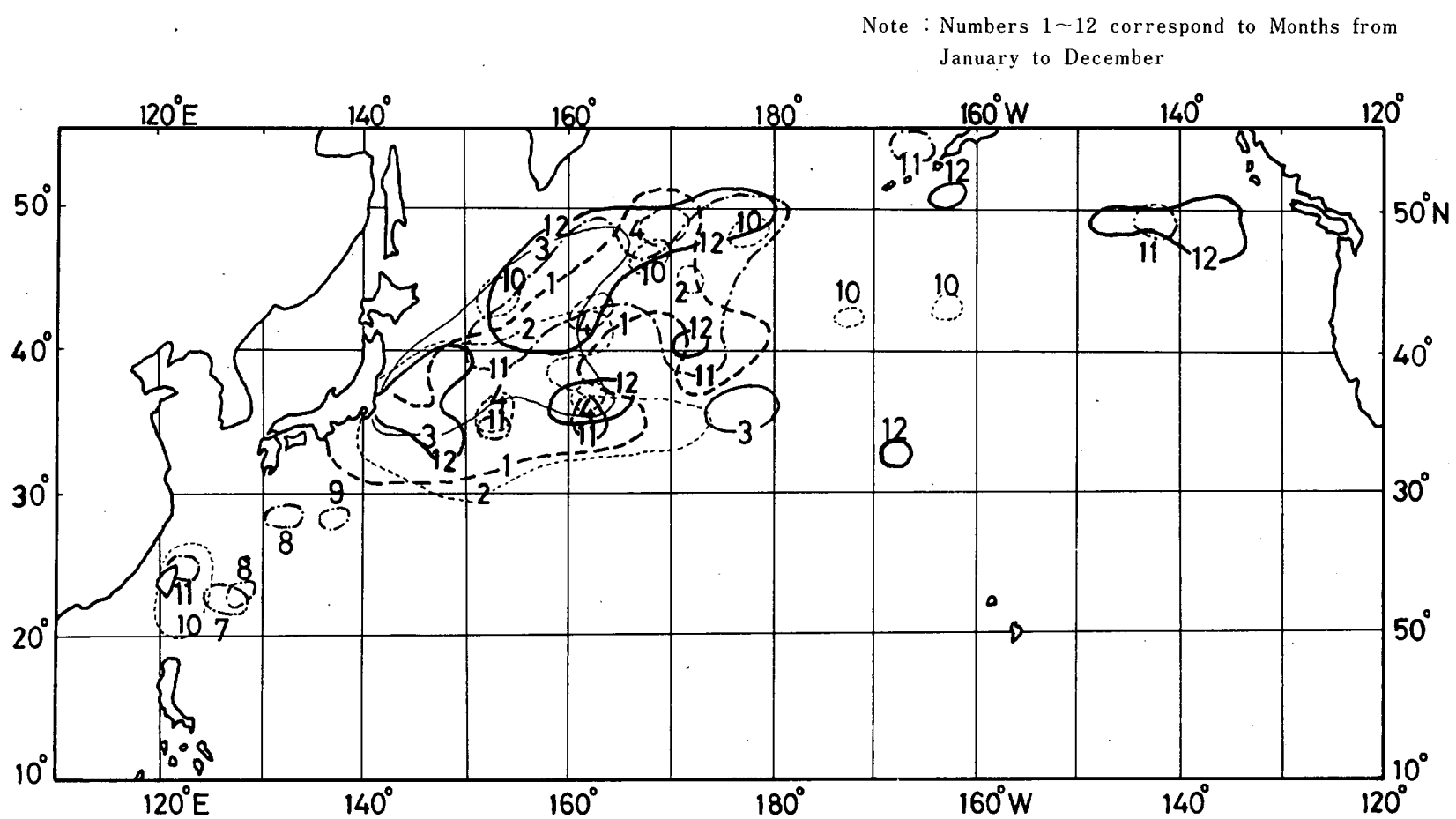


Fig. 7 Area Distribution Where Strong Winds Over 50 knots
Has Been Observed More Than 10 Times in Each Month through 10 Years
10年間を通じ10回以上、50ktをこえる風速が観測された海域の月毎分布

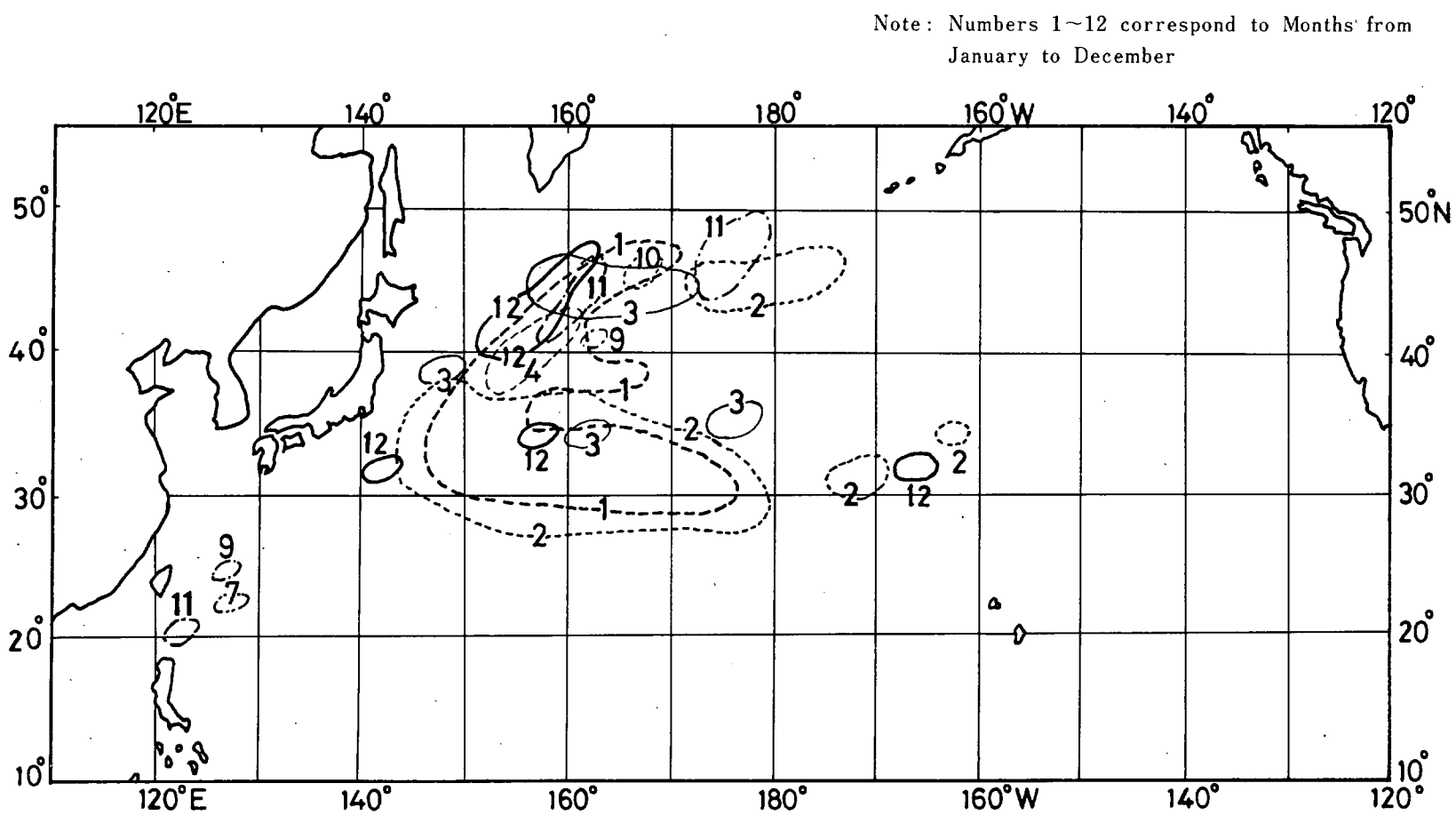
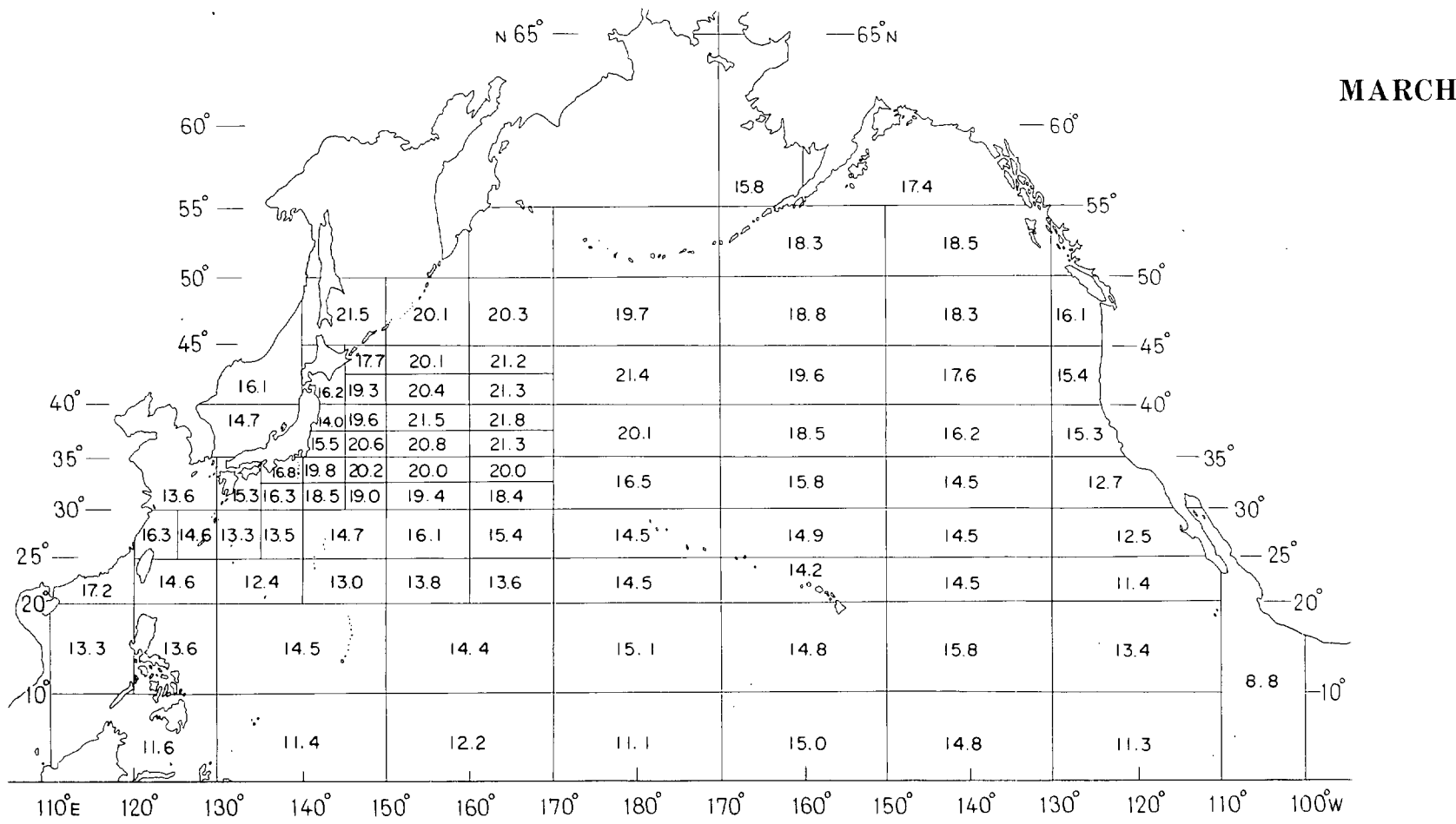
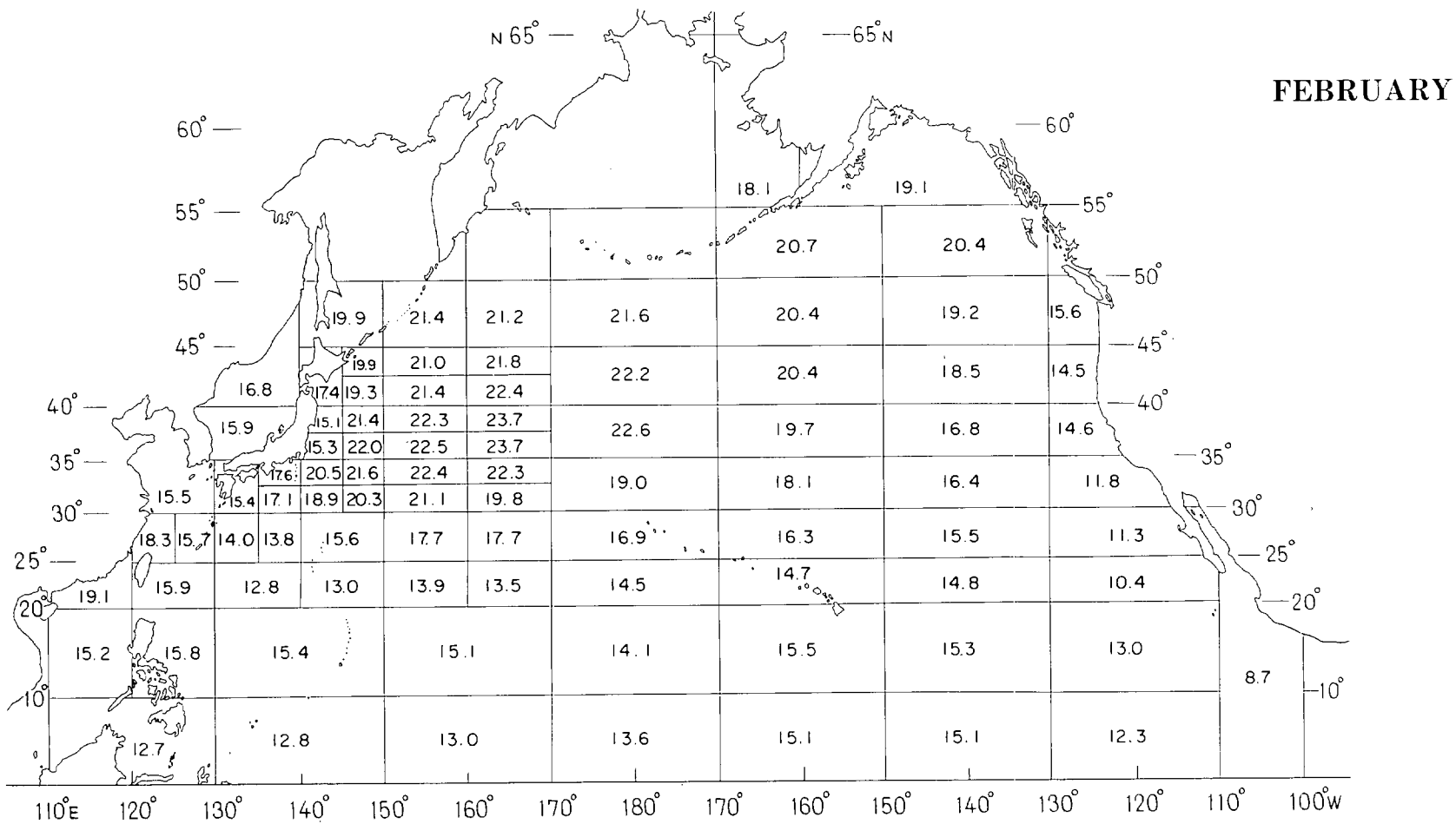
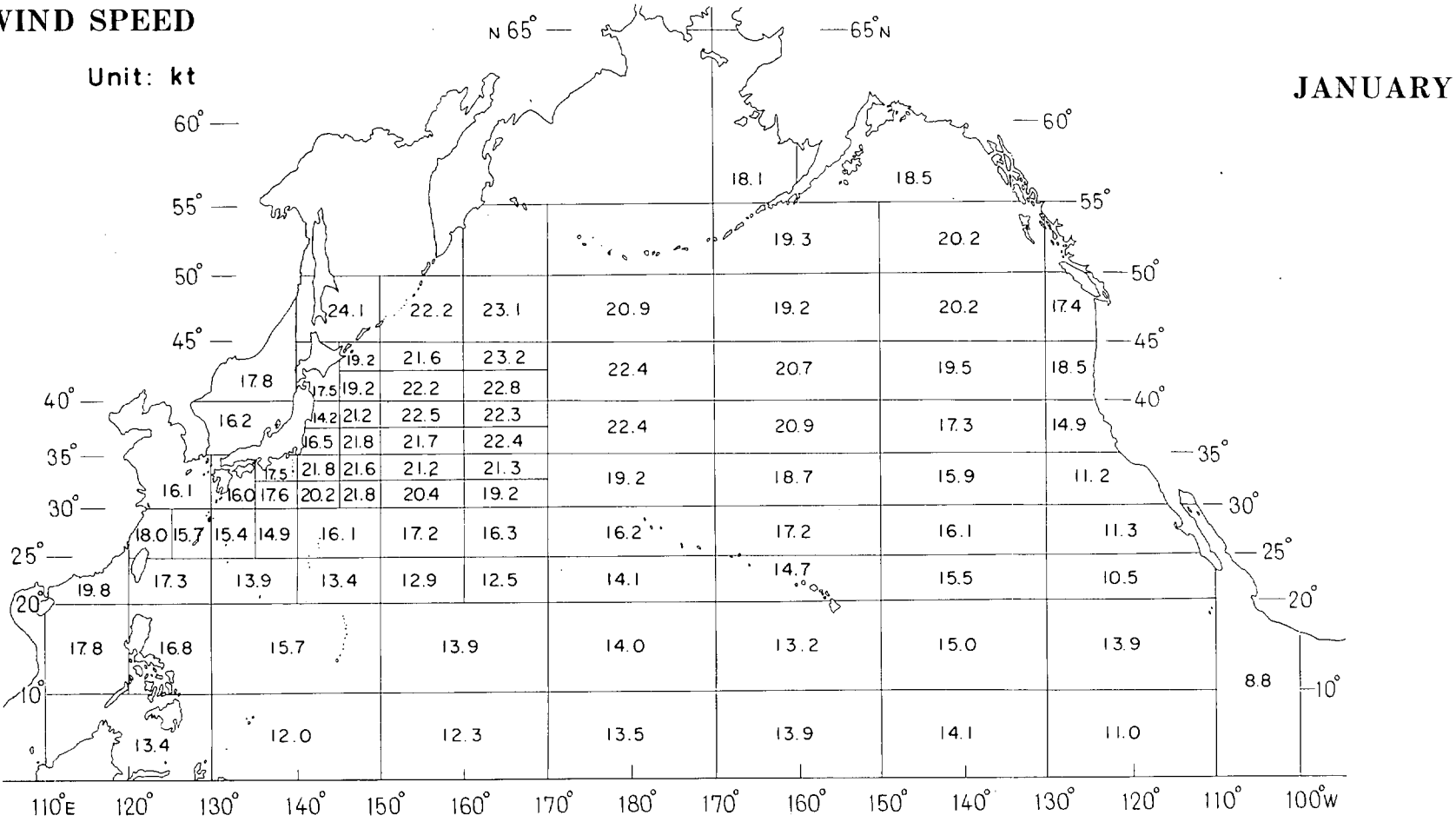


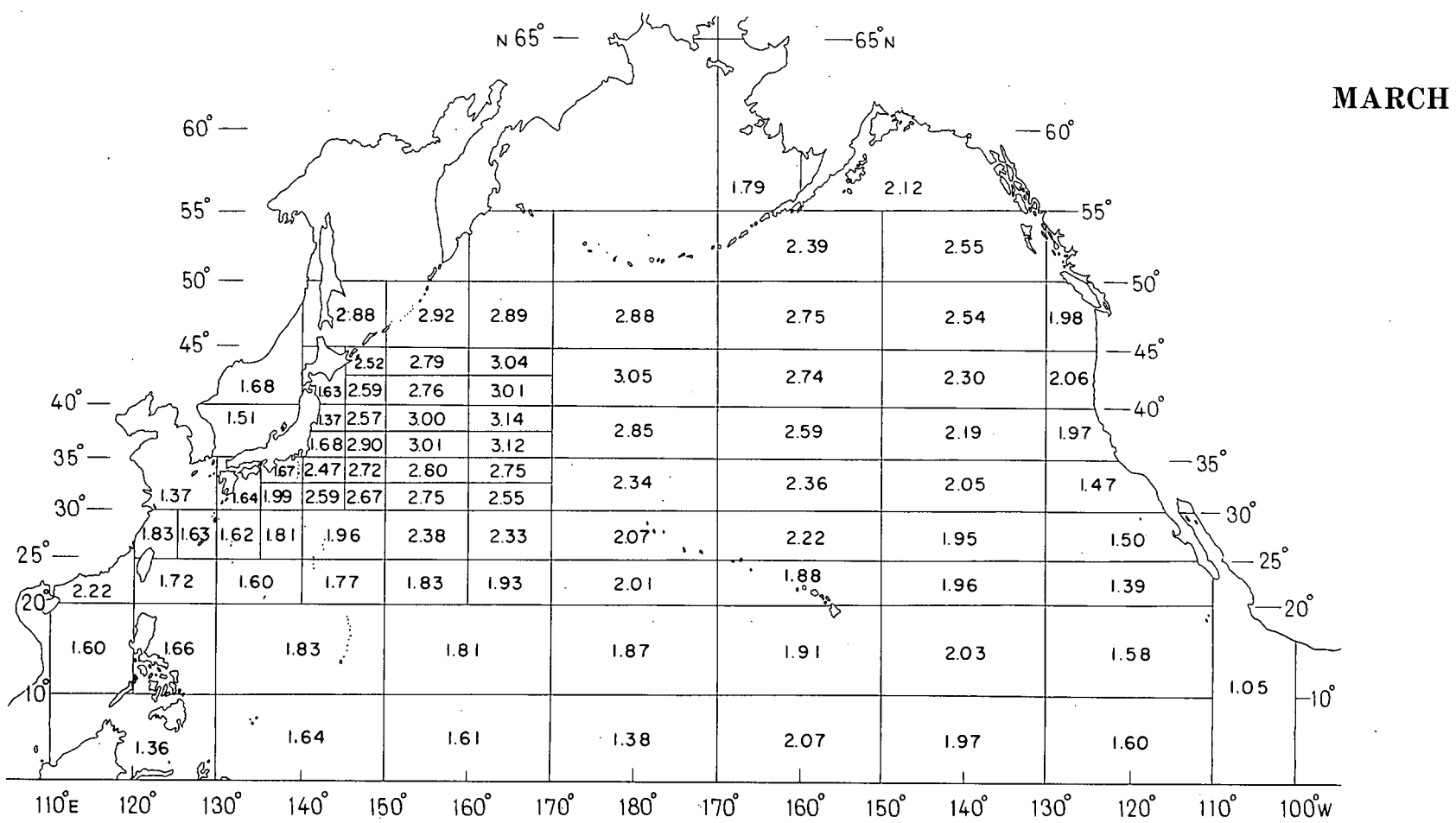
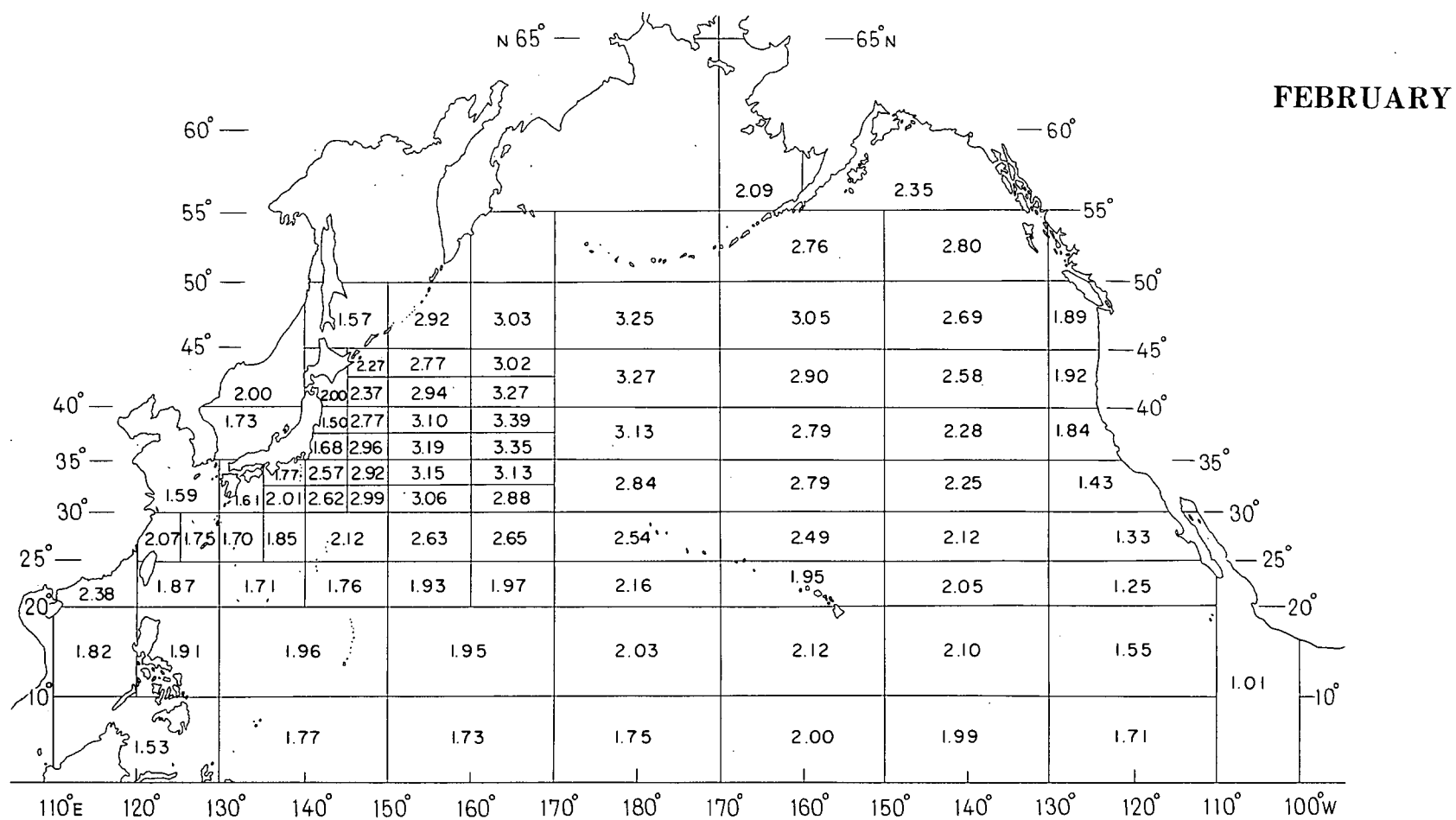
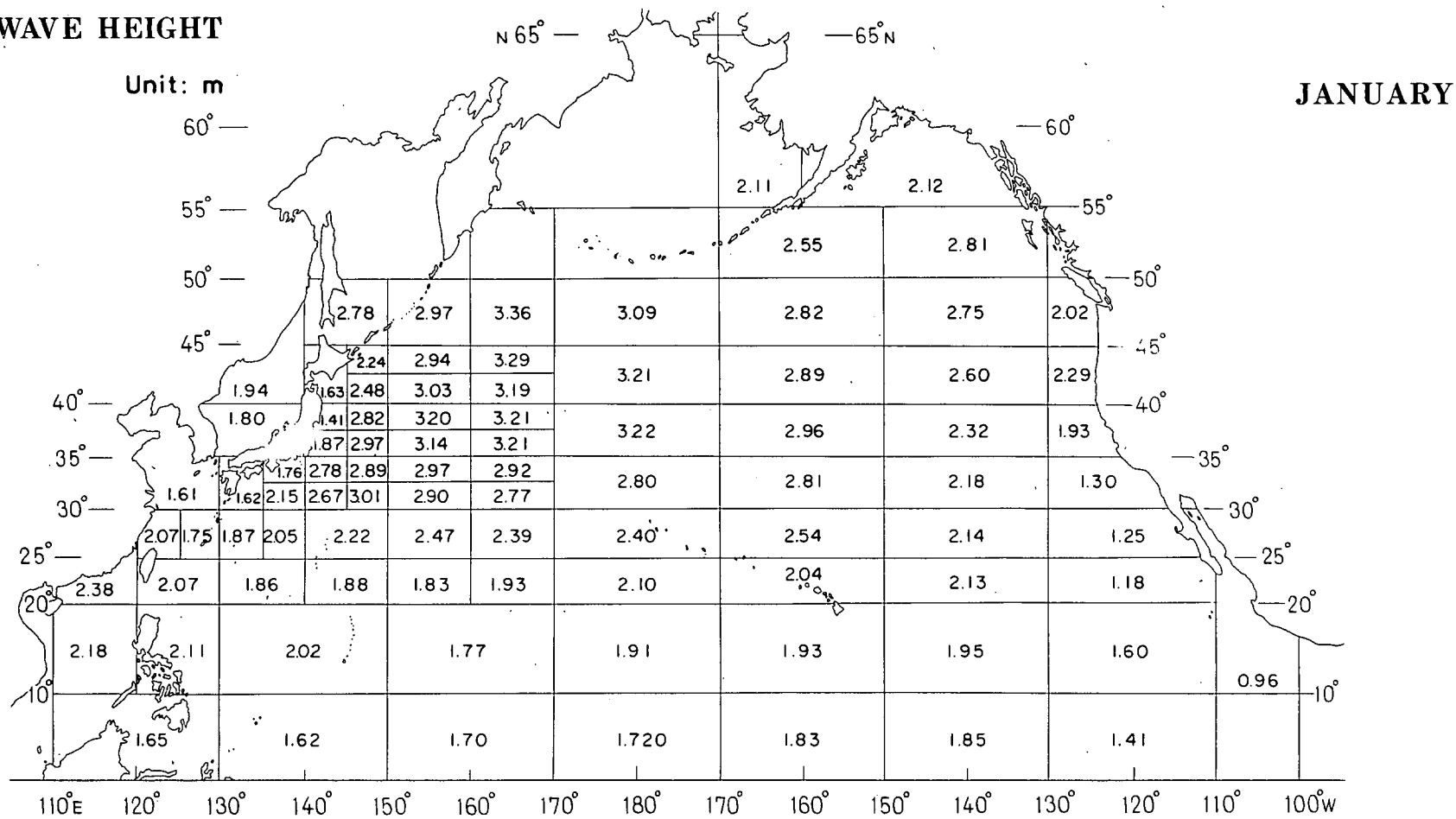
Fig. 8 Area Distribution Where High Wave Over 10 m Has
Been Observed More Than 10 Times in Each Month through 10 Years
10年間を通じ10回以上、10mをこえる波高が観測された海域の月毎分布

§ 5 Maps of Mean Wind Speed and Mean Wave Height

MEAN WIND SPEED

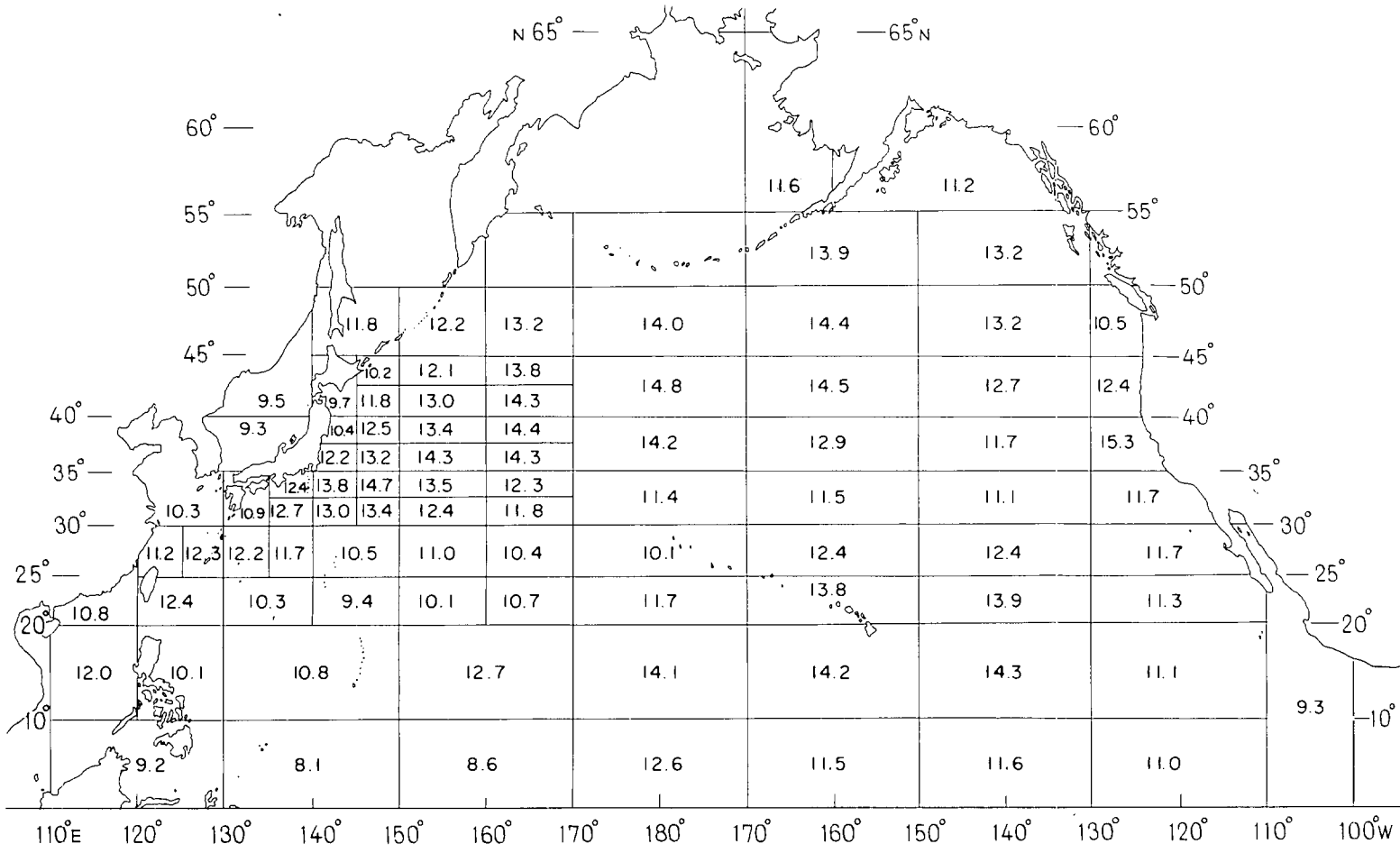
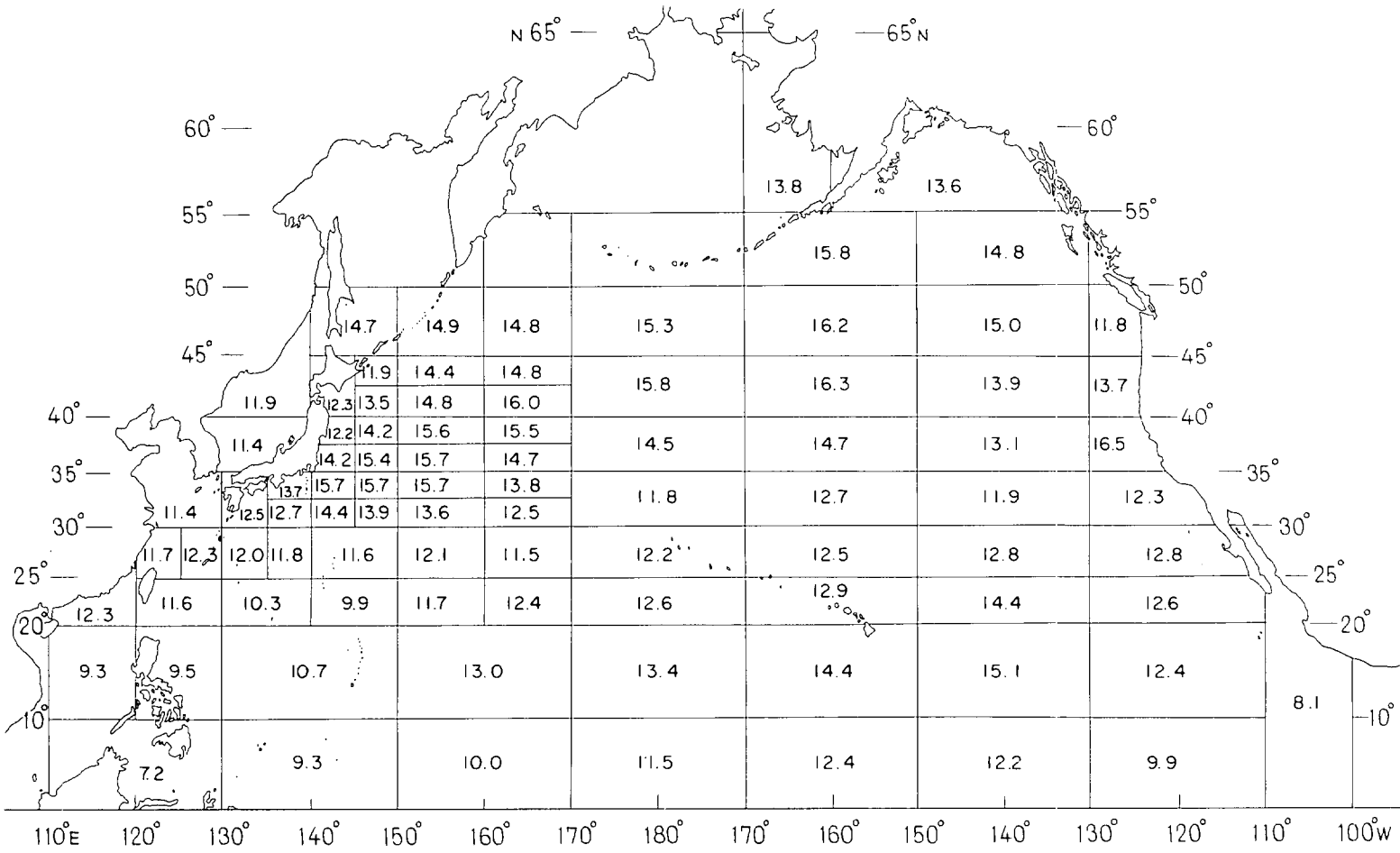
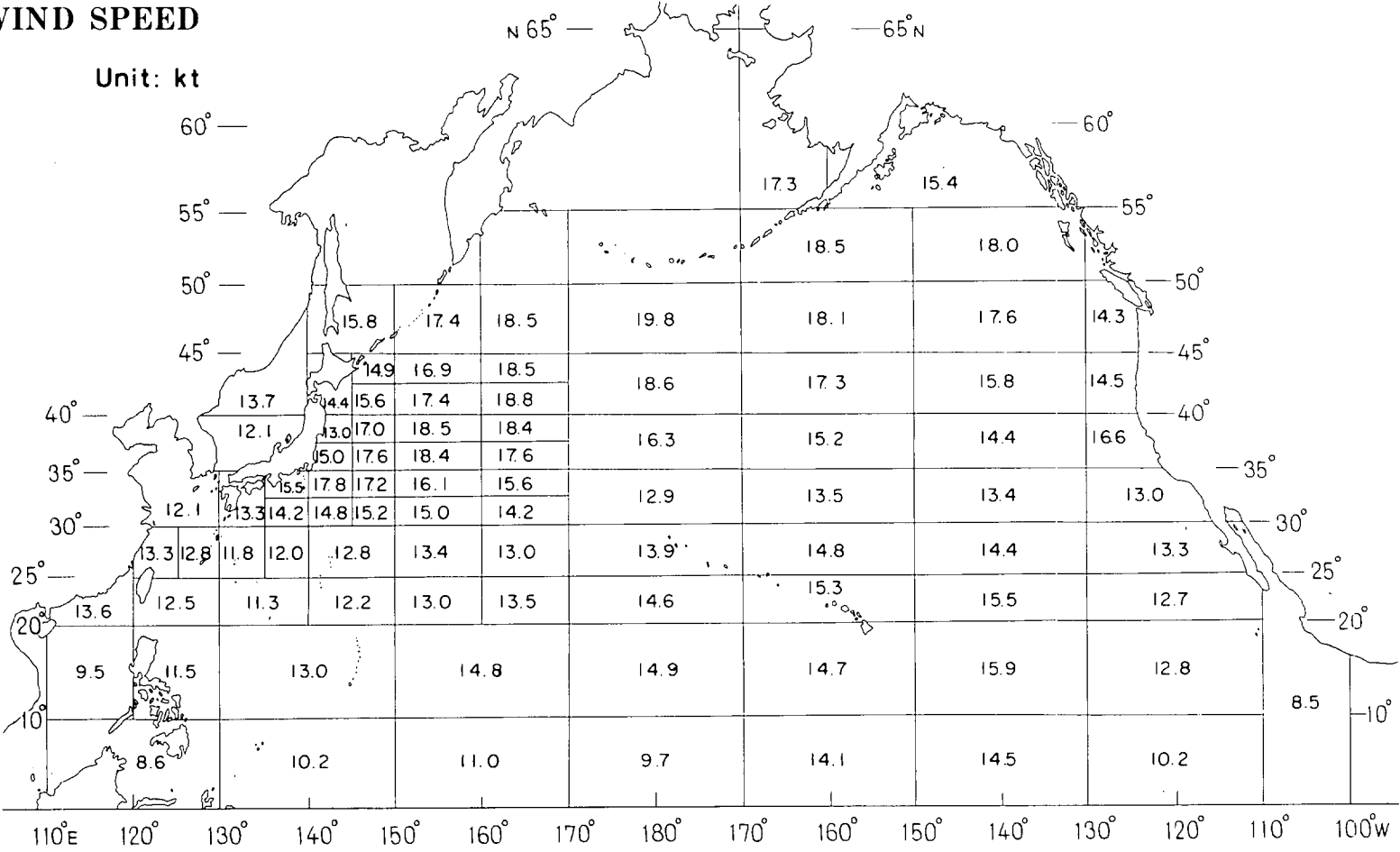


MEAN WAVE HEIGHT



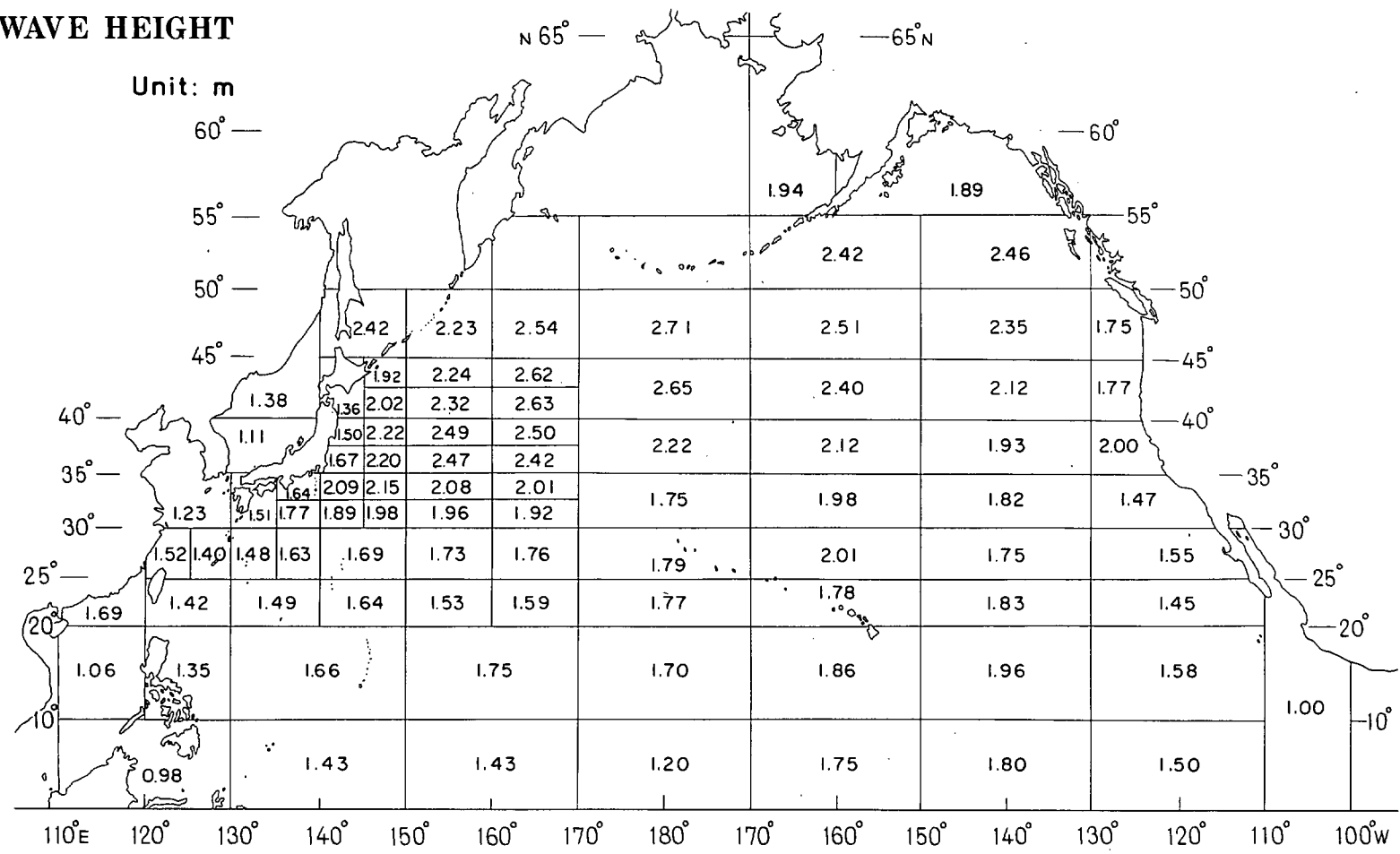
MEAN WIND SPEED

§ 5

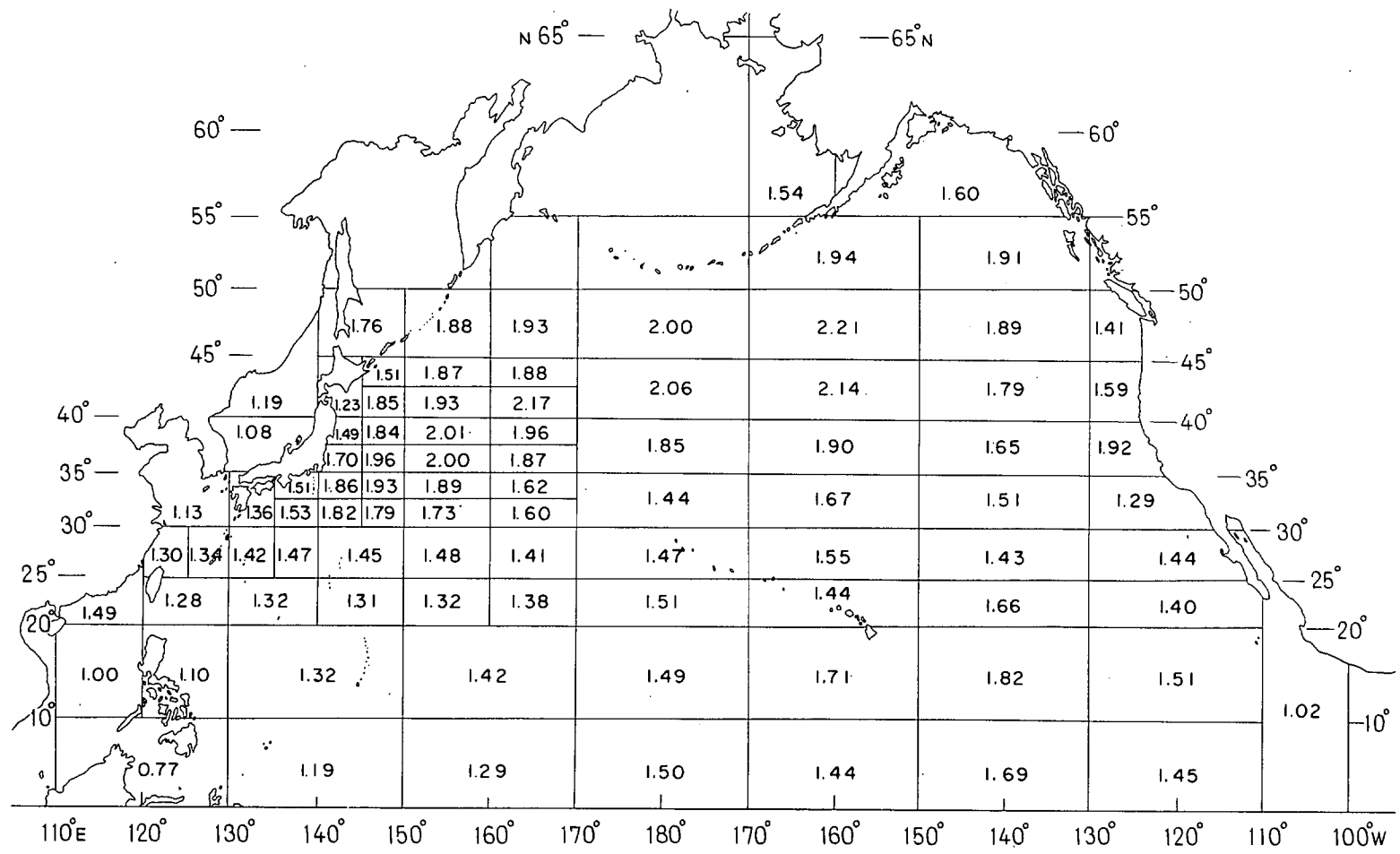


MEAN WAVE HEIGHT

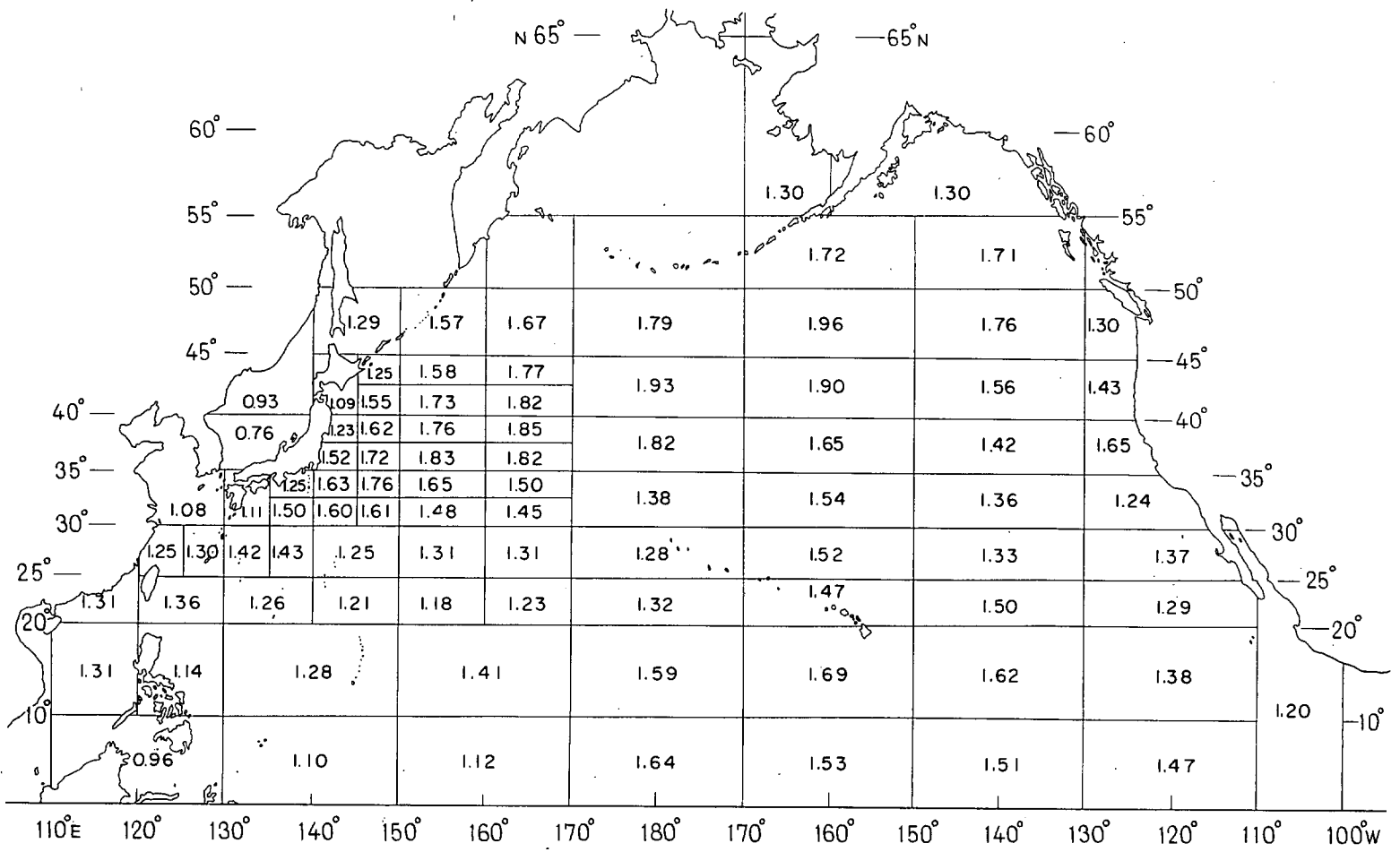
APRIL



MAY

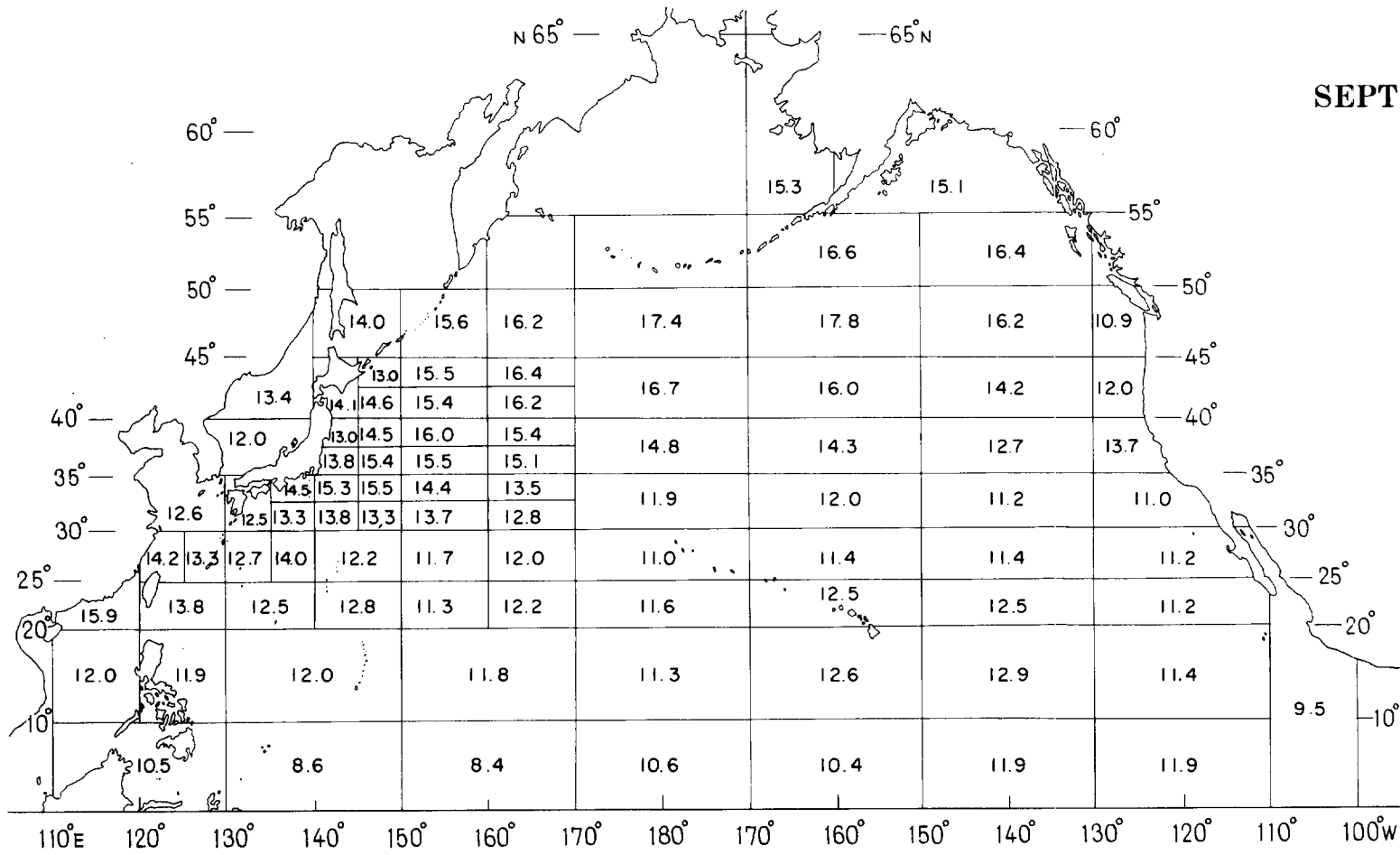
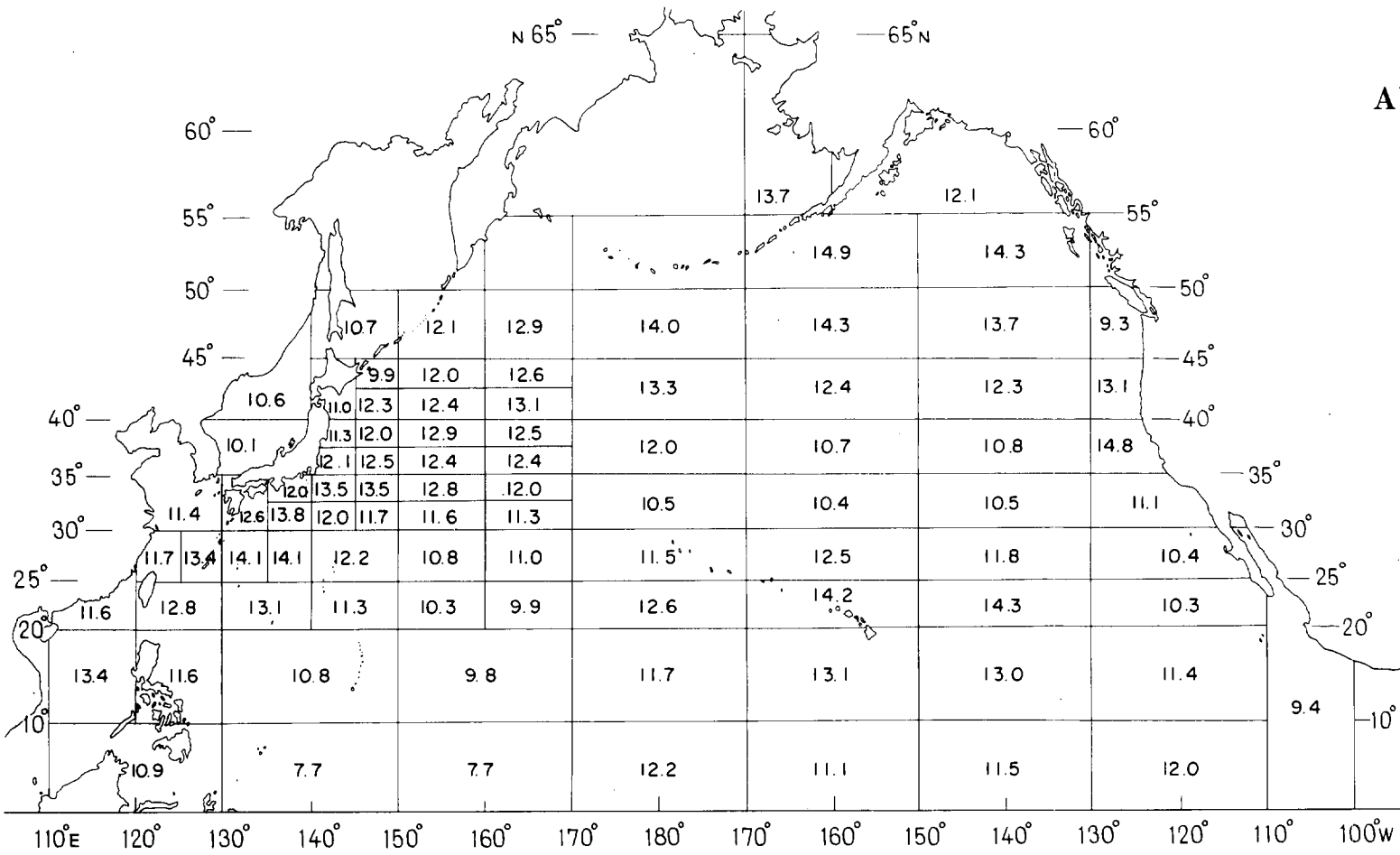
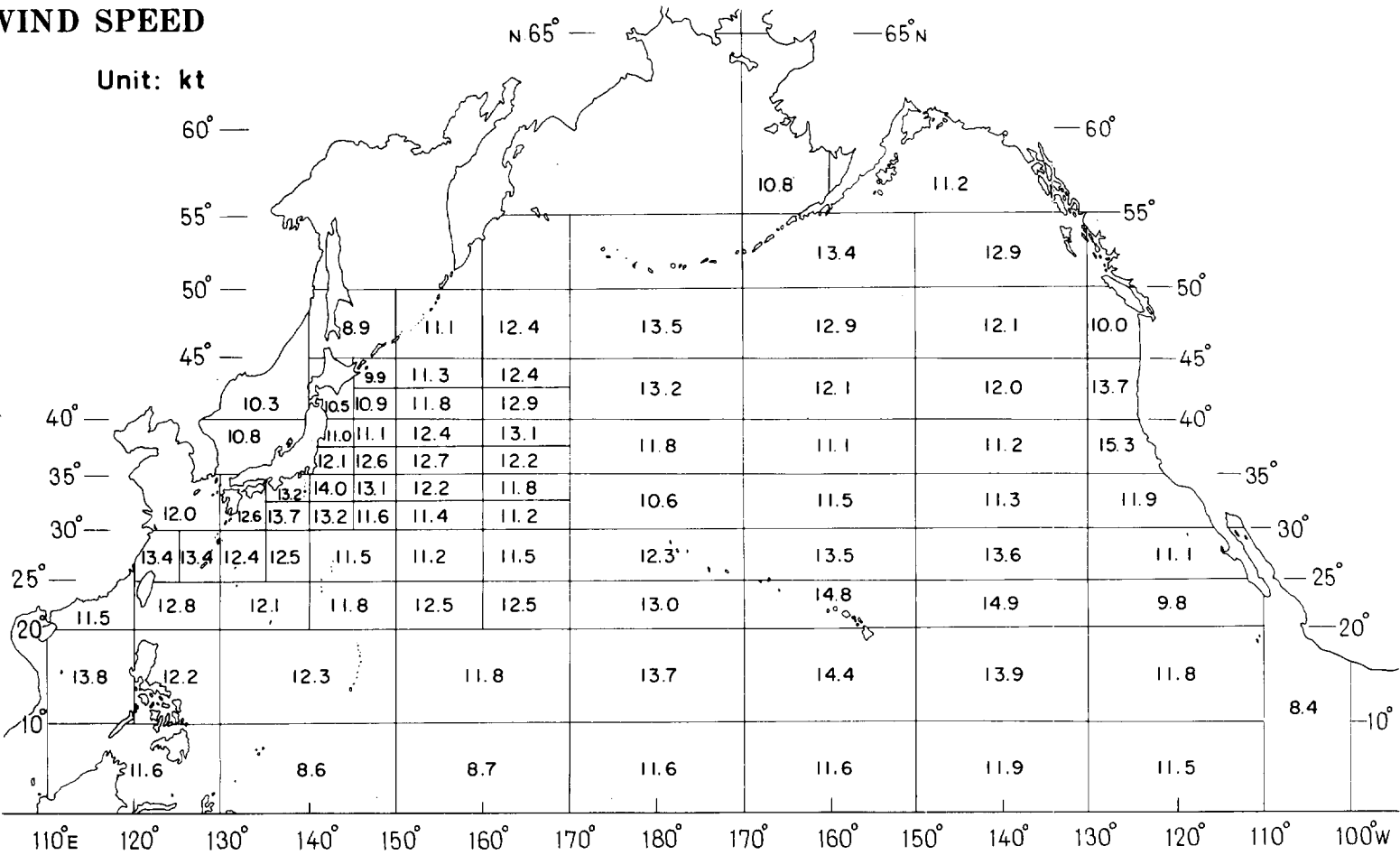


JUNE



MEAN WIND SPEED

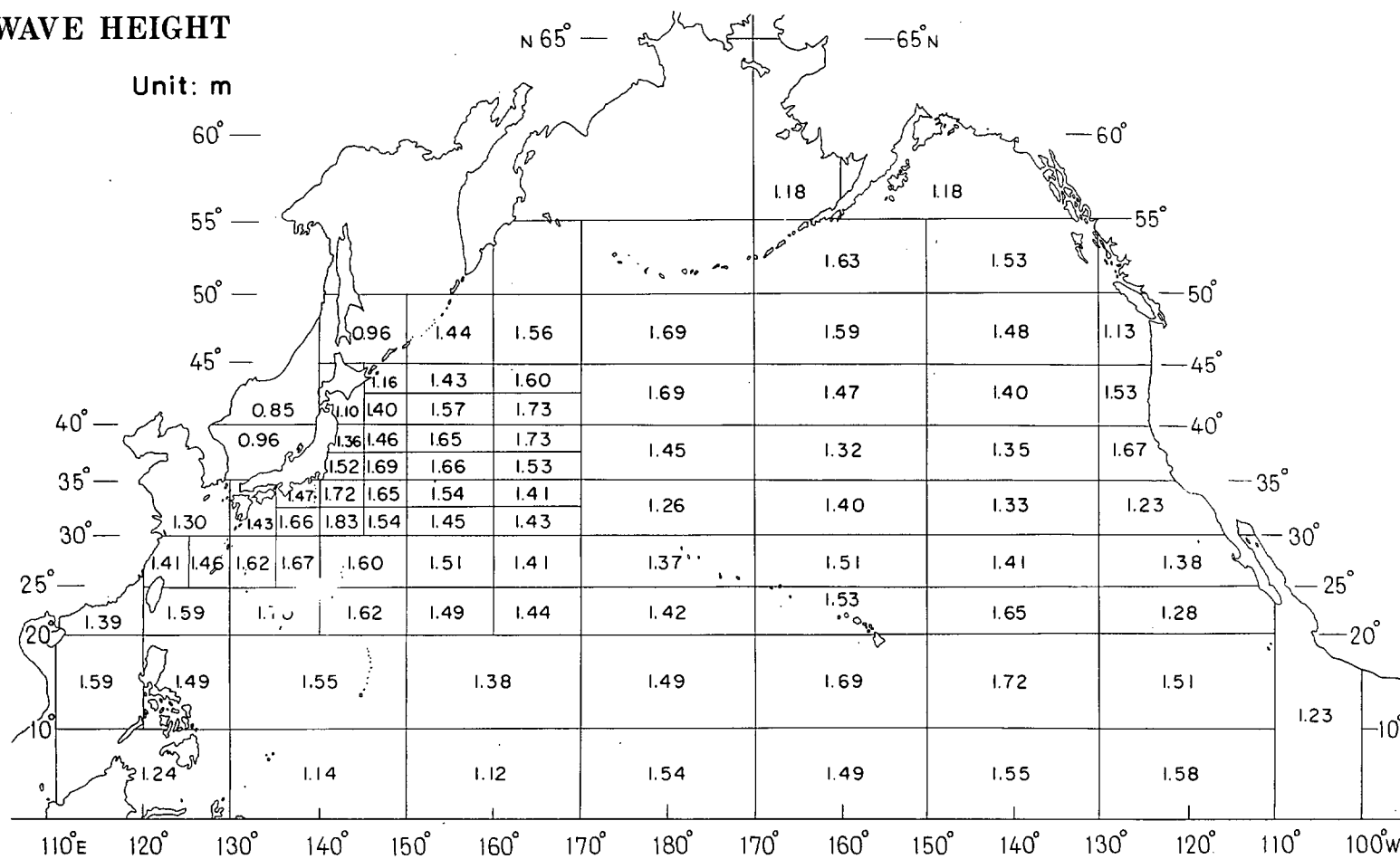
§ 5



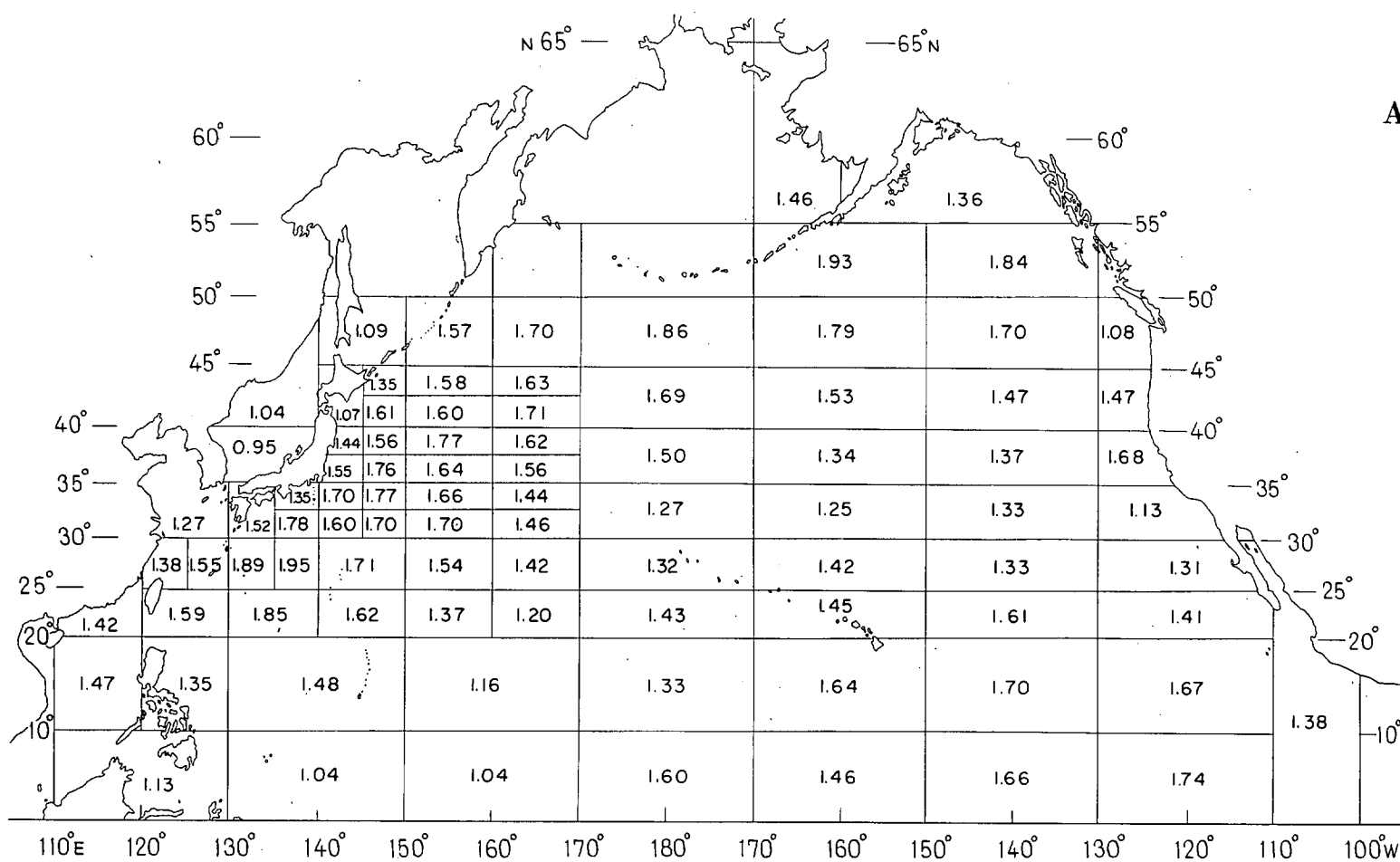
MEAN WAVE HEIGHT

§ 5

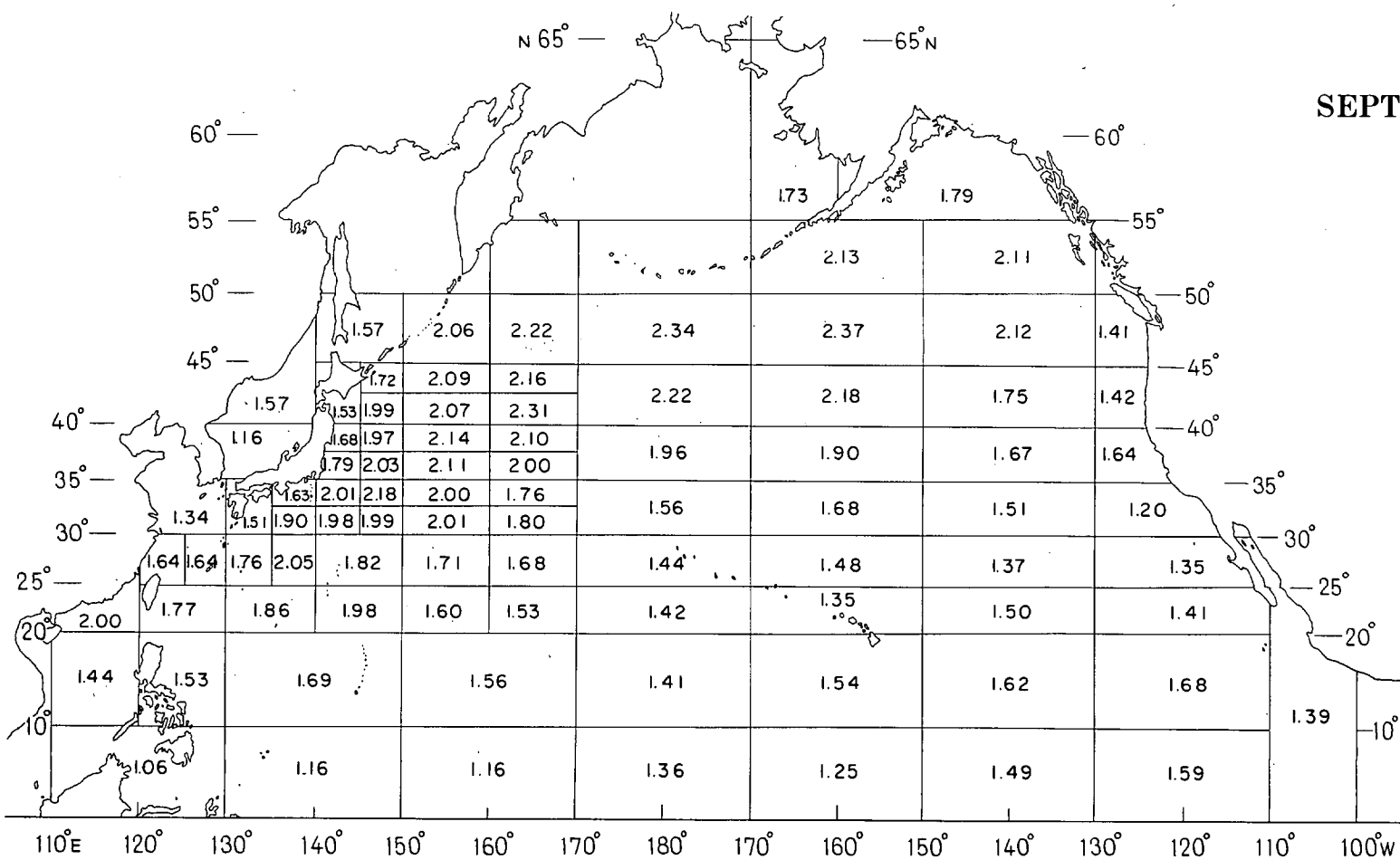
JULY



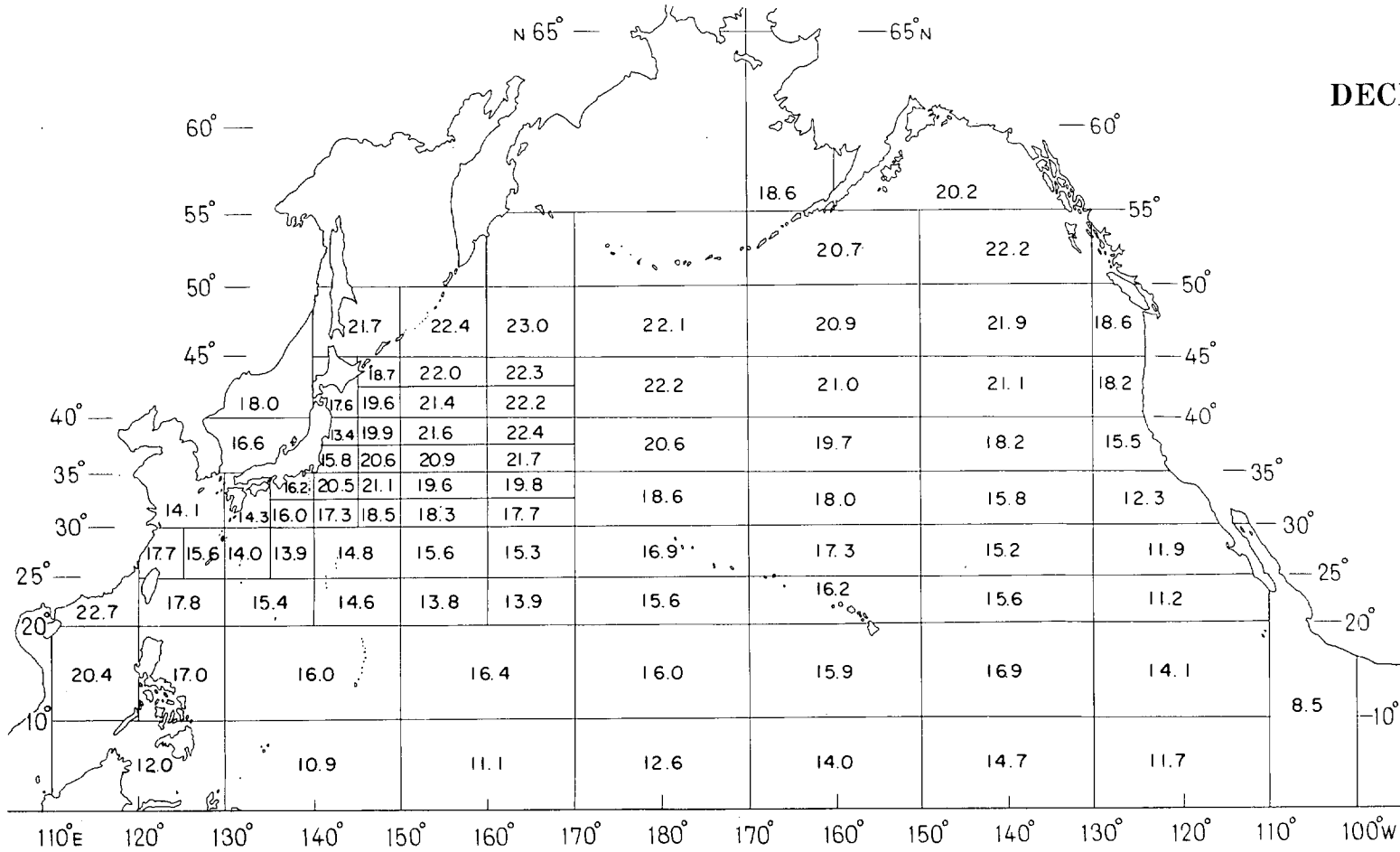
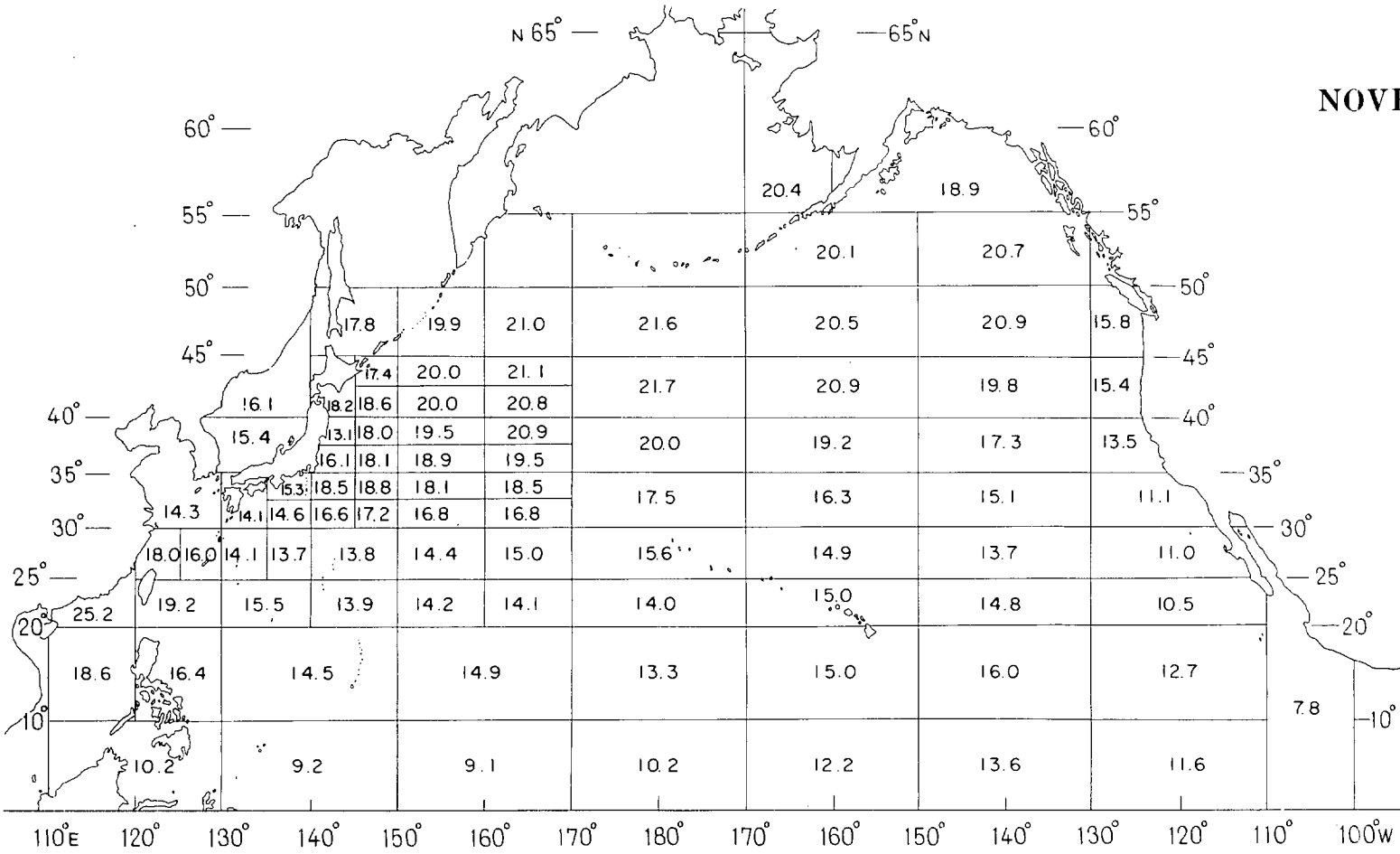
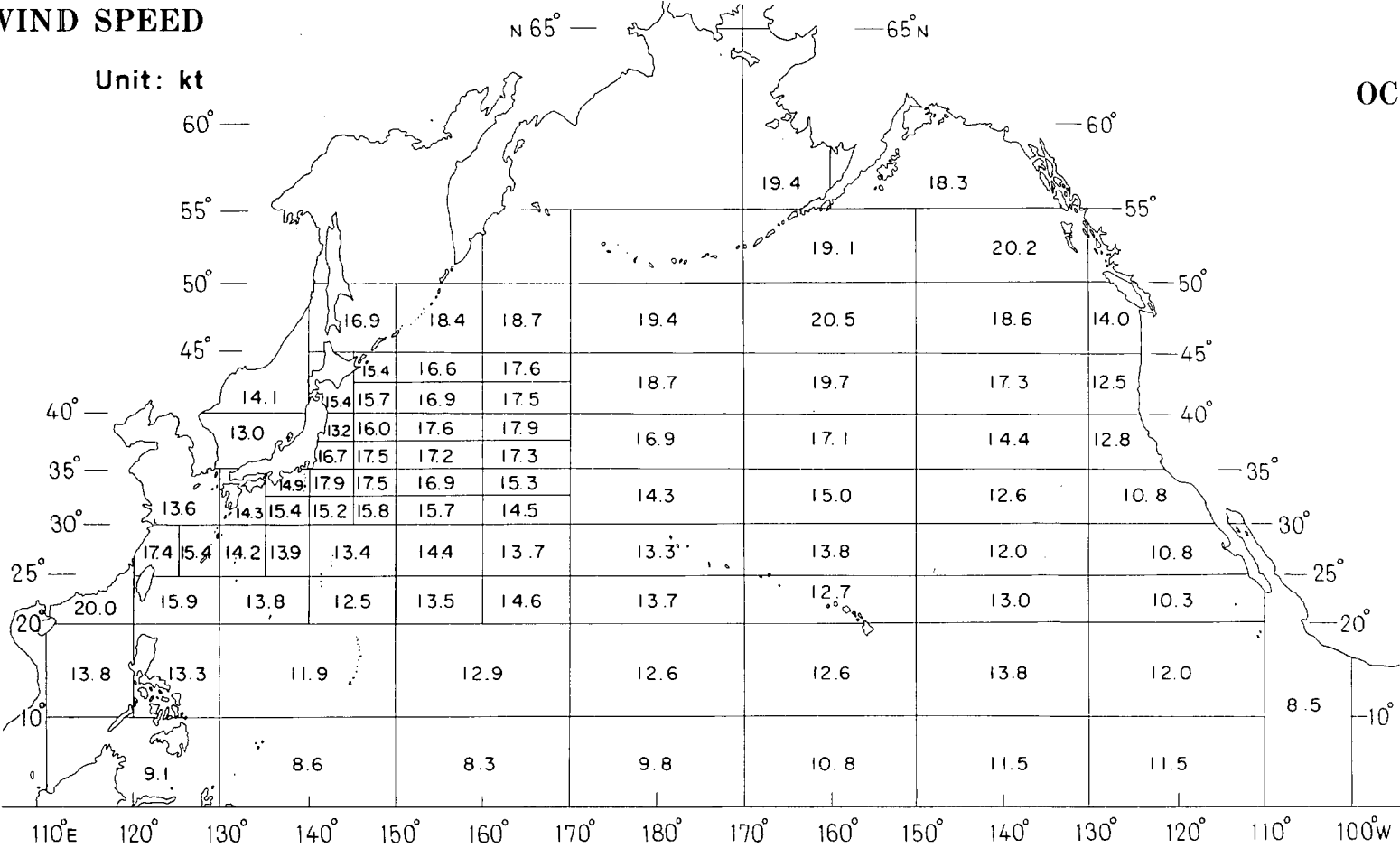
AUGUST



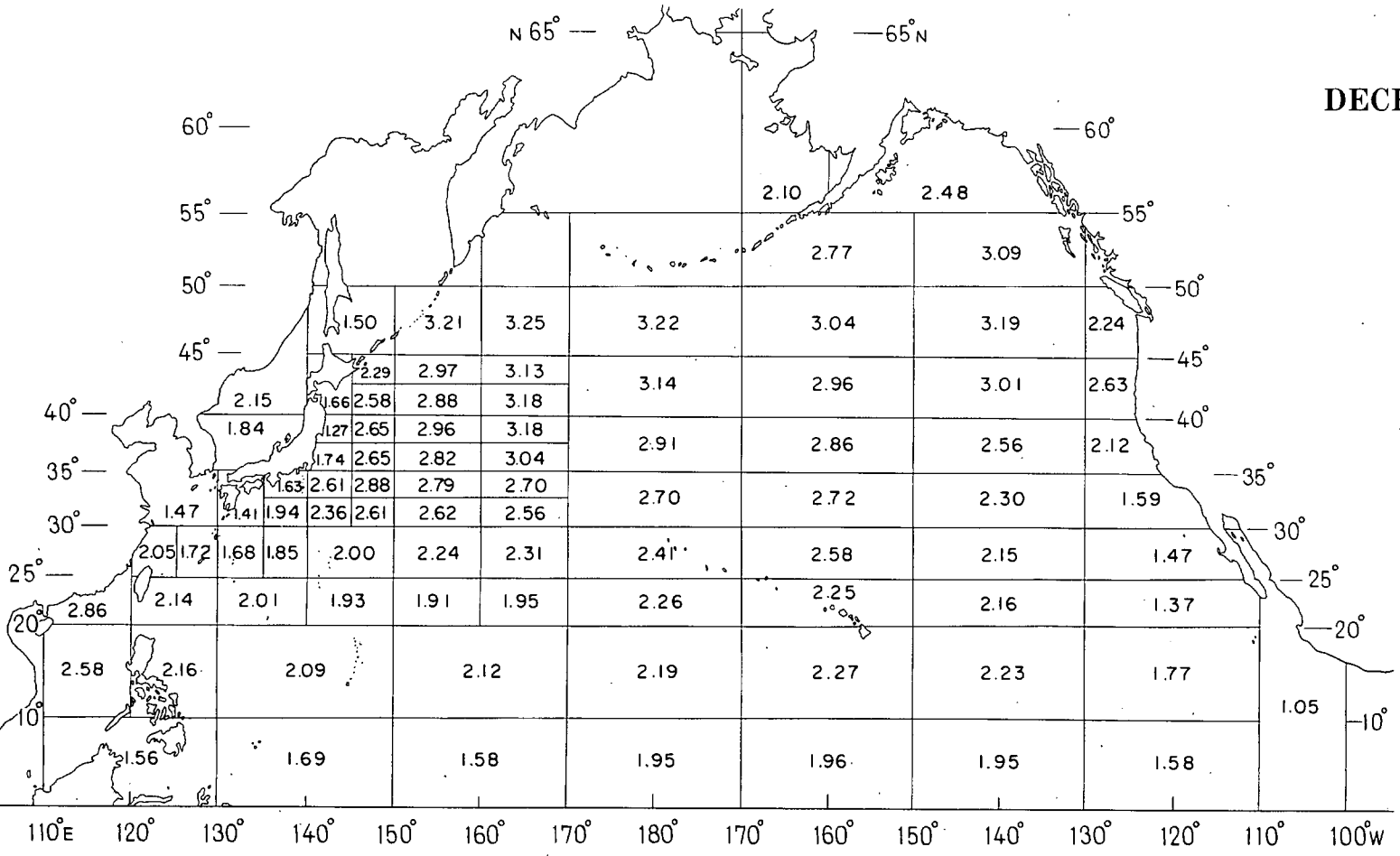
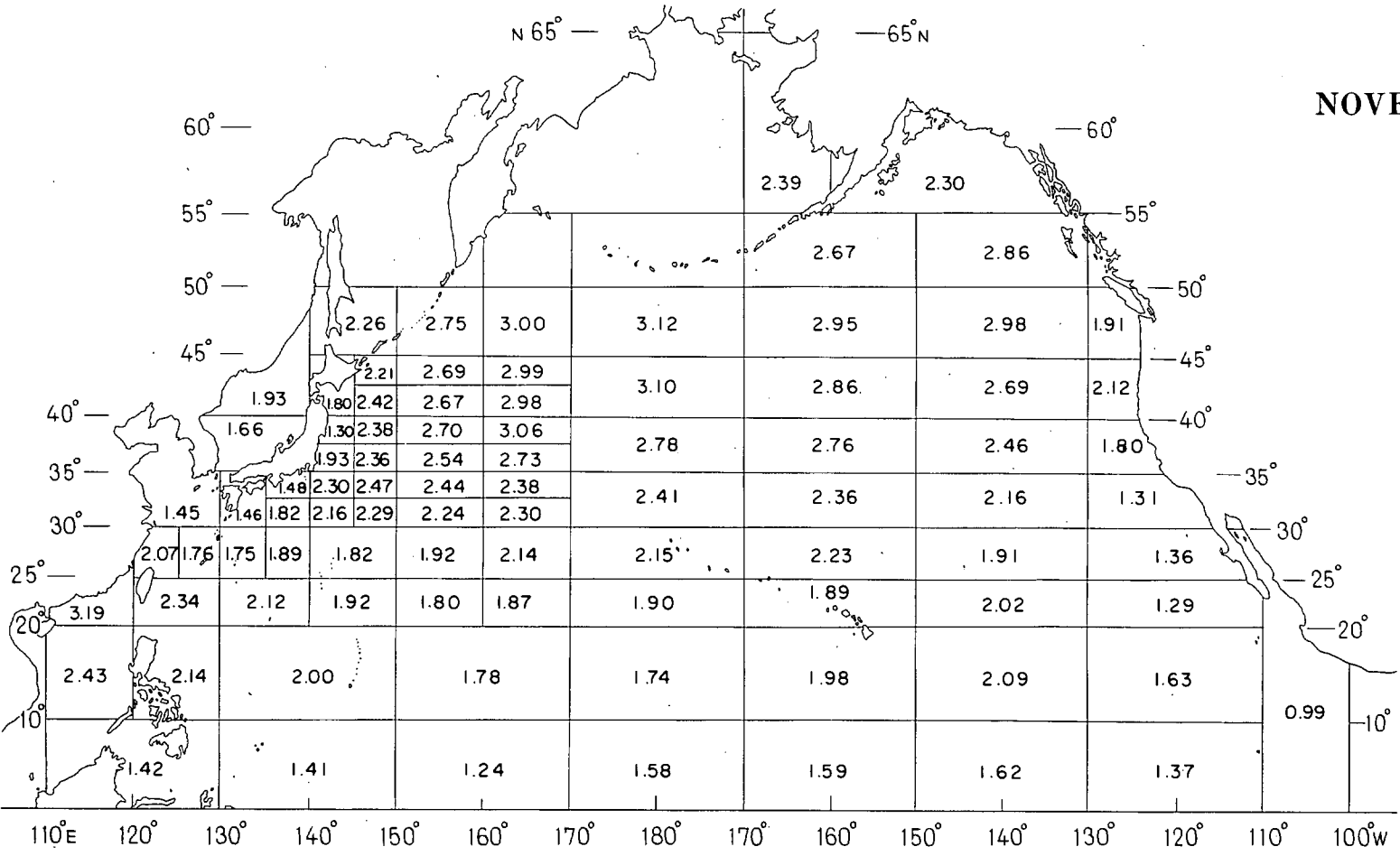
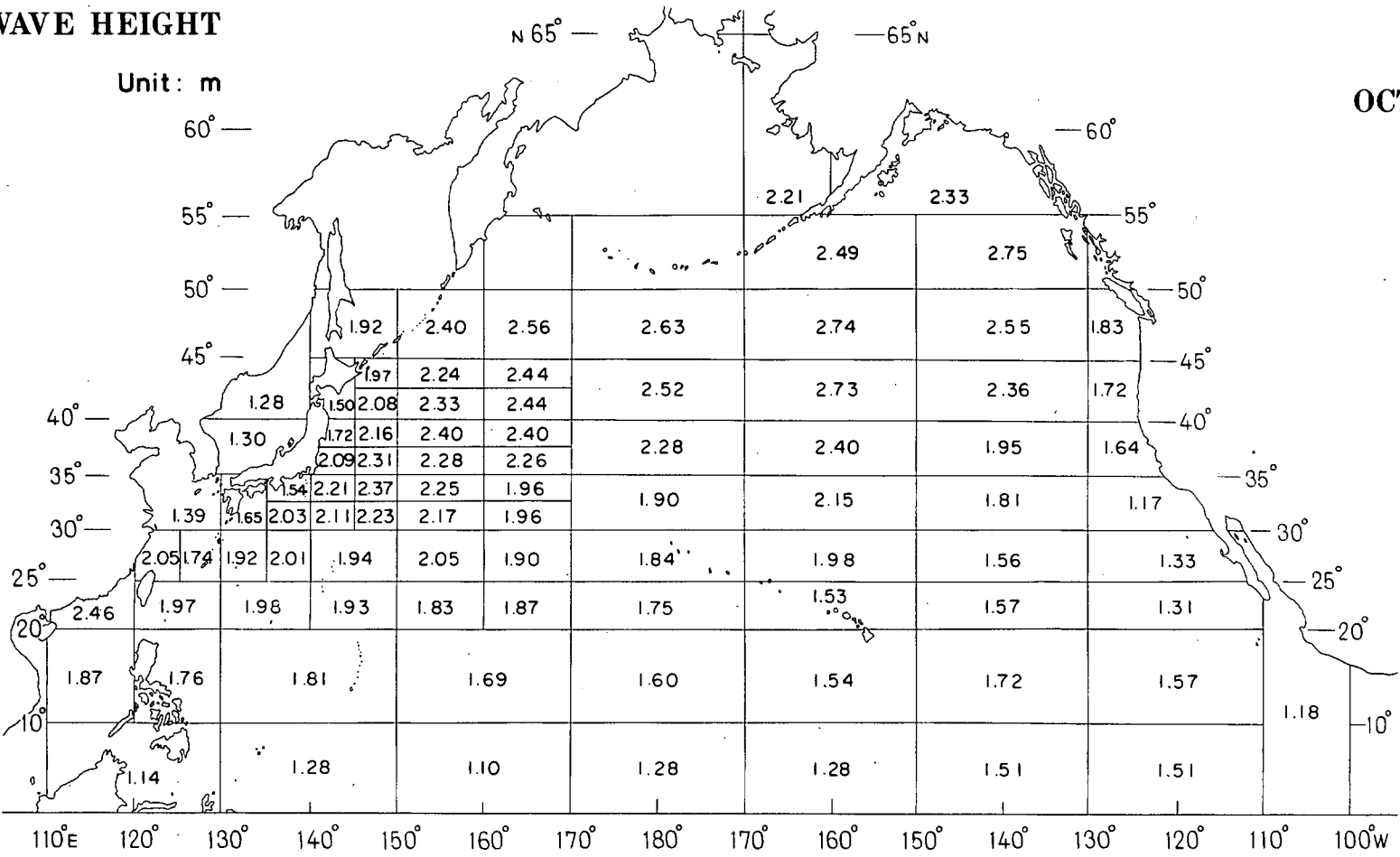
SEPTEMBER



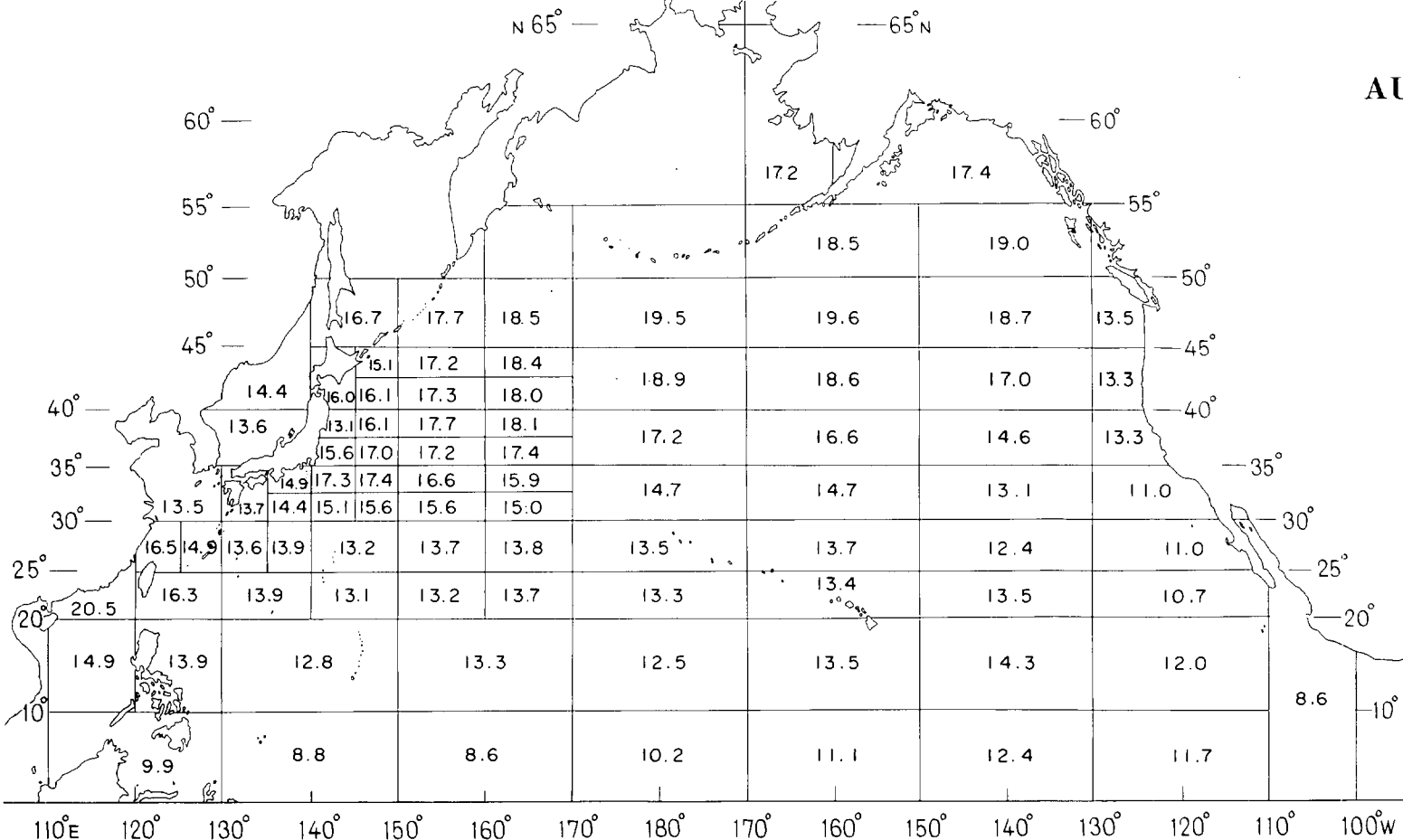
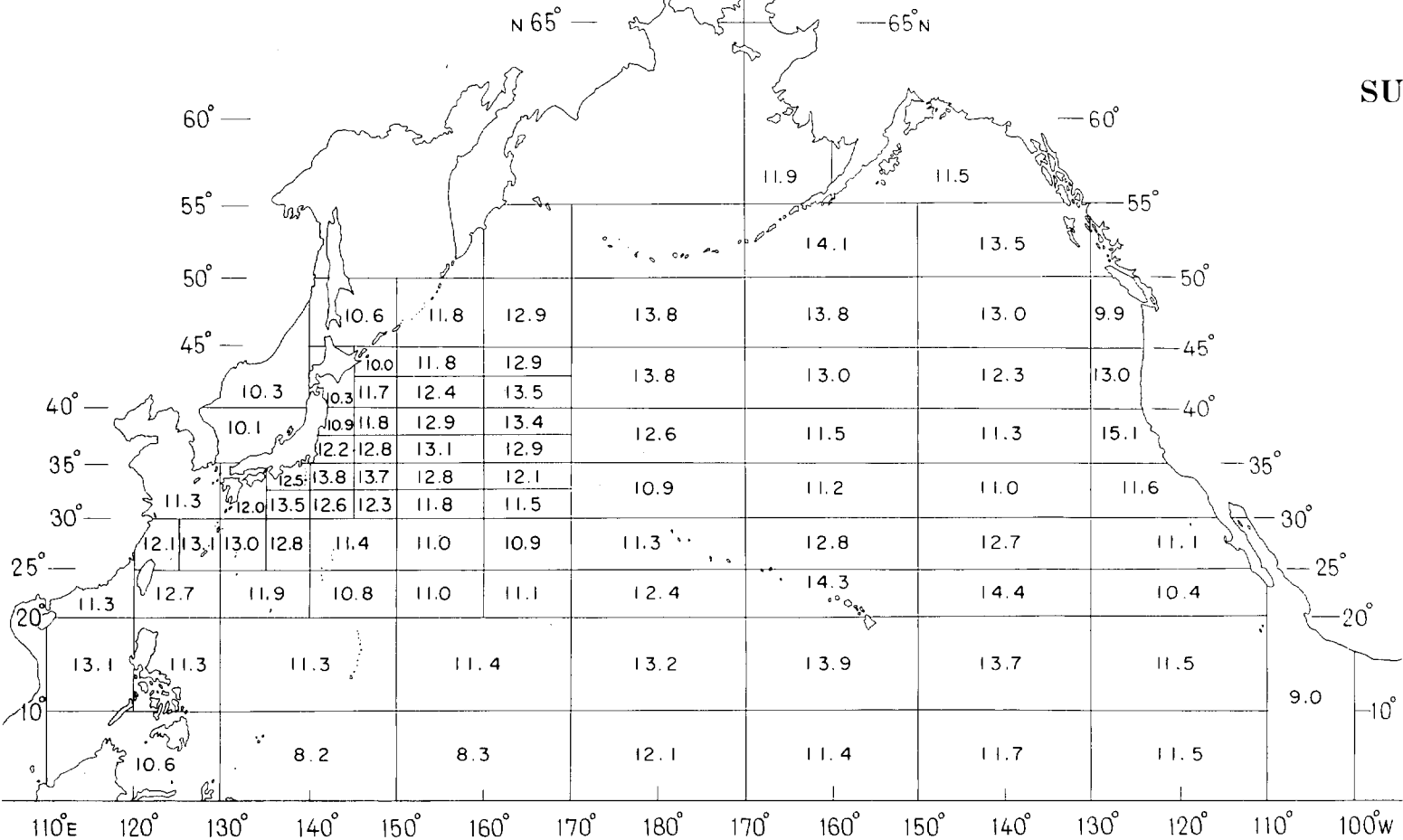
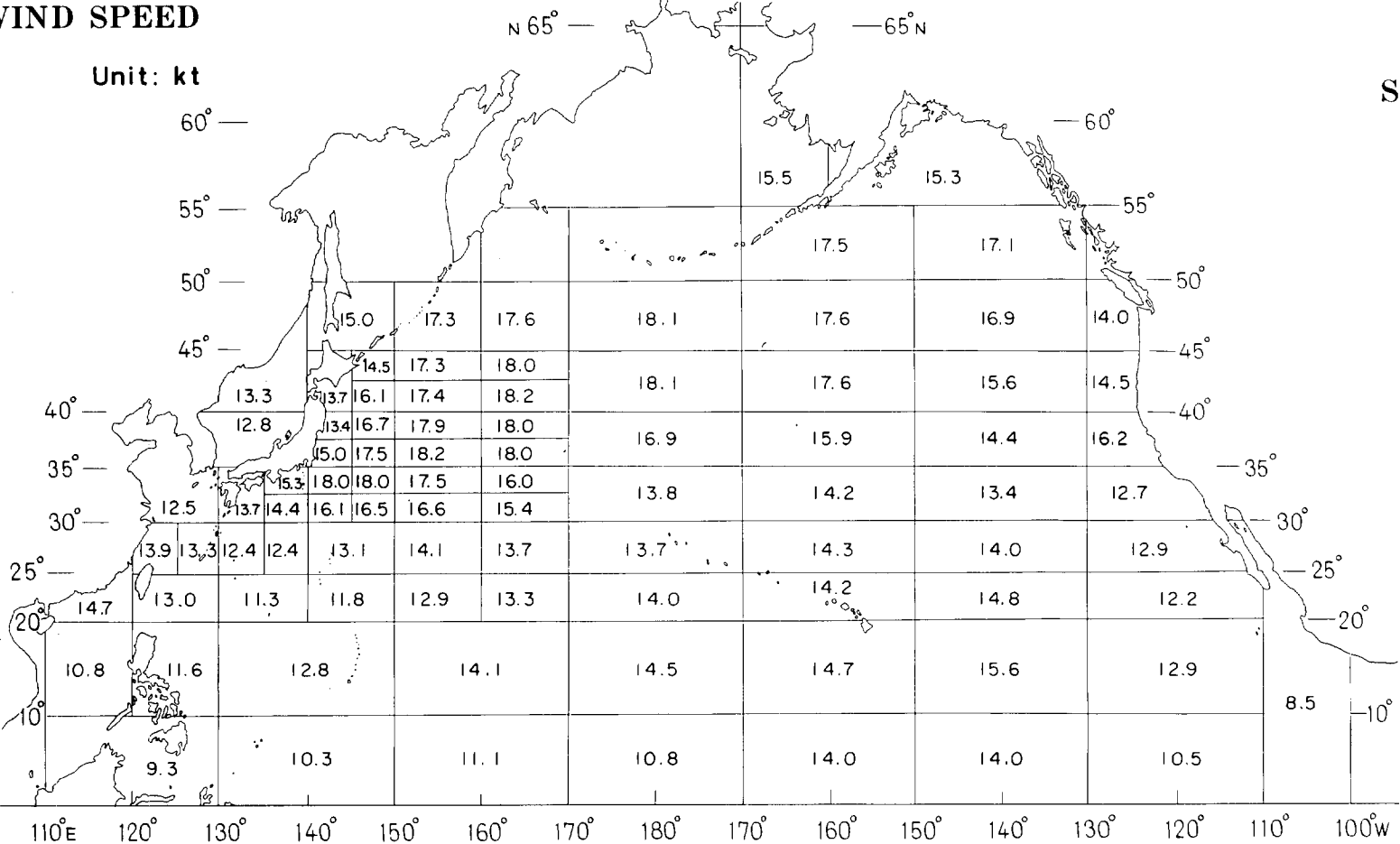
MEAN WIND SPEED



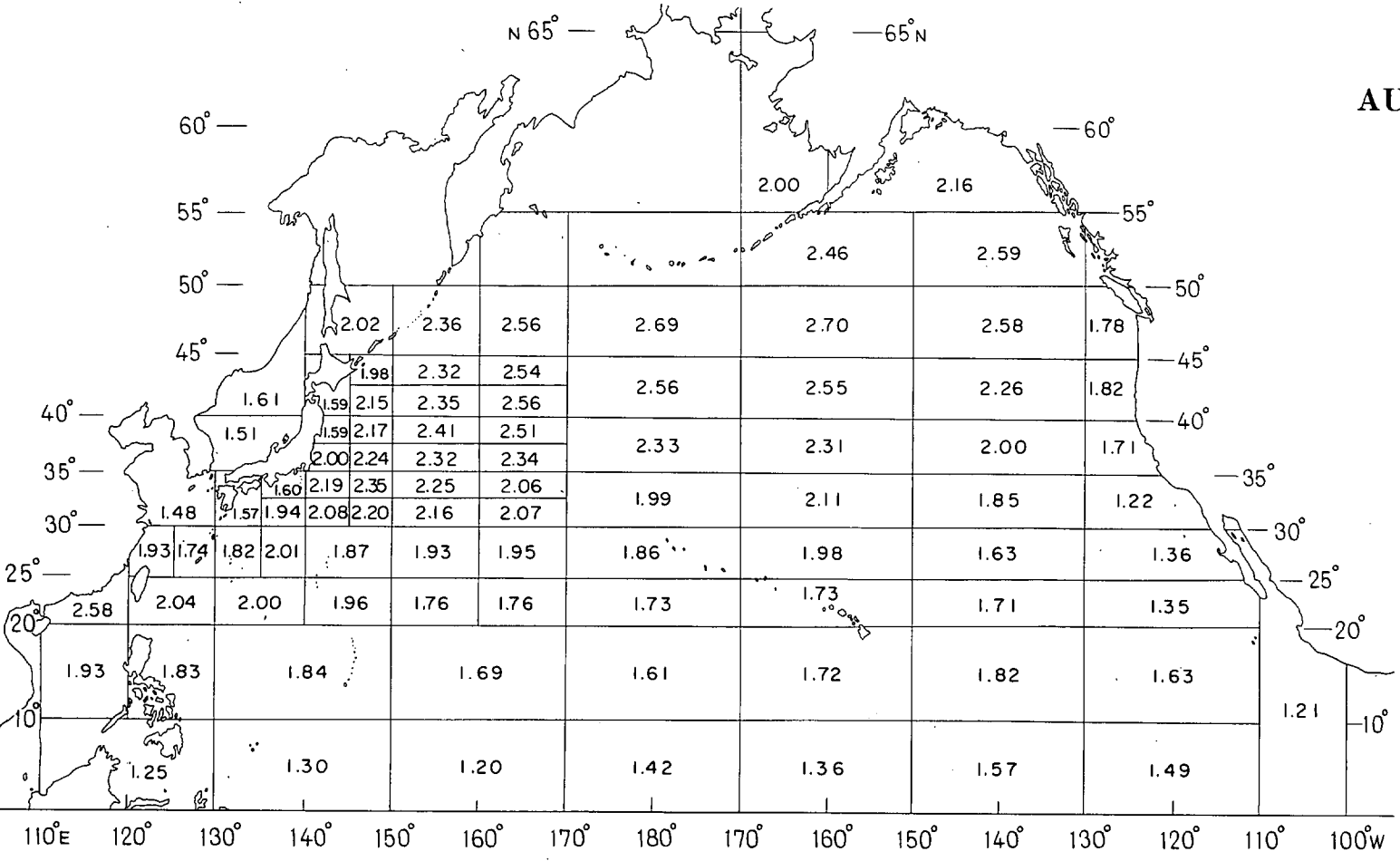
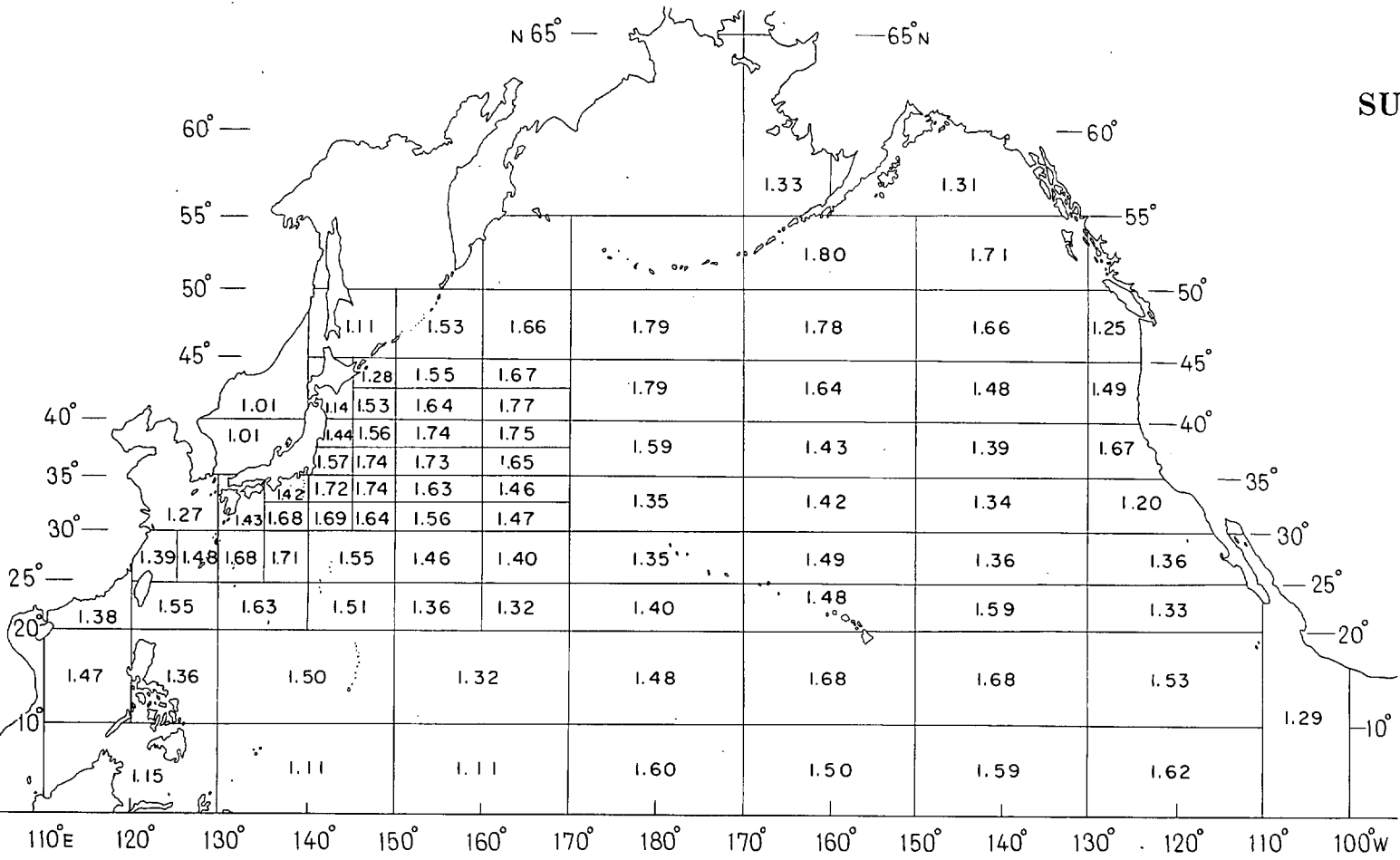
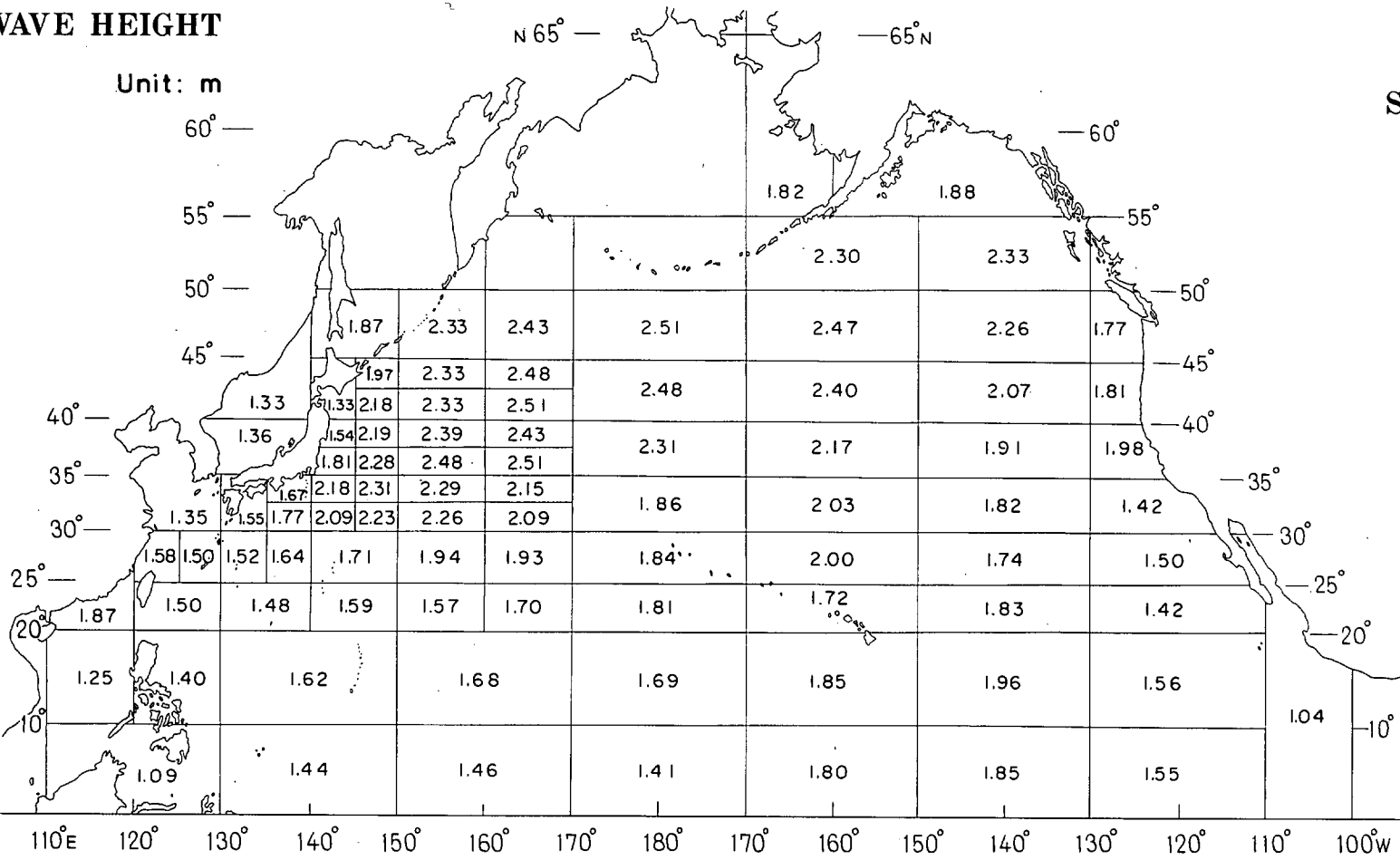
MEAN WAVE HEIGHT



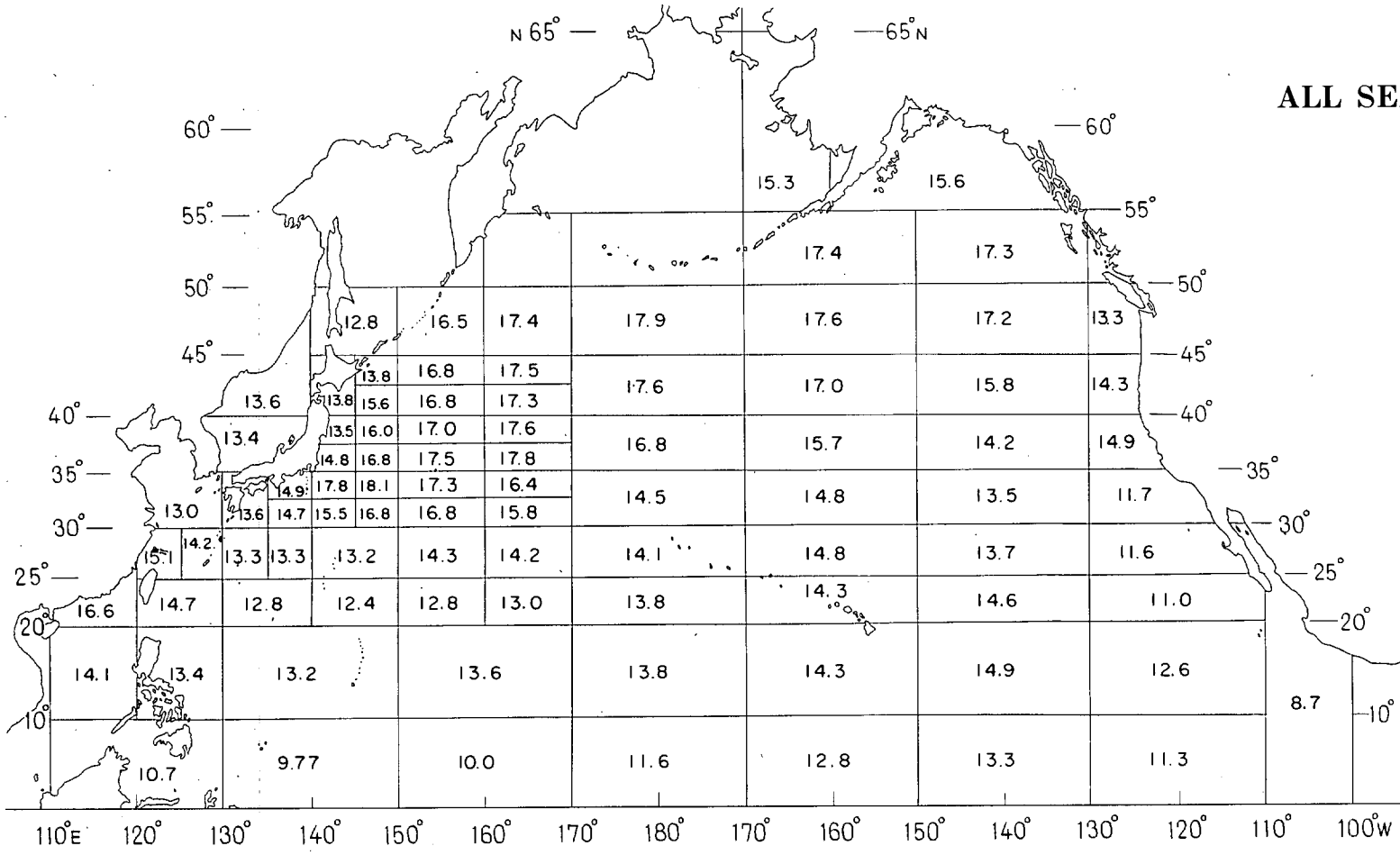
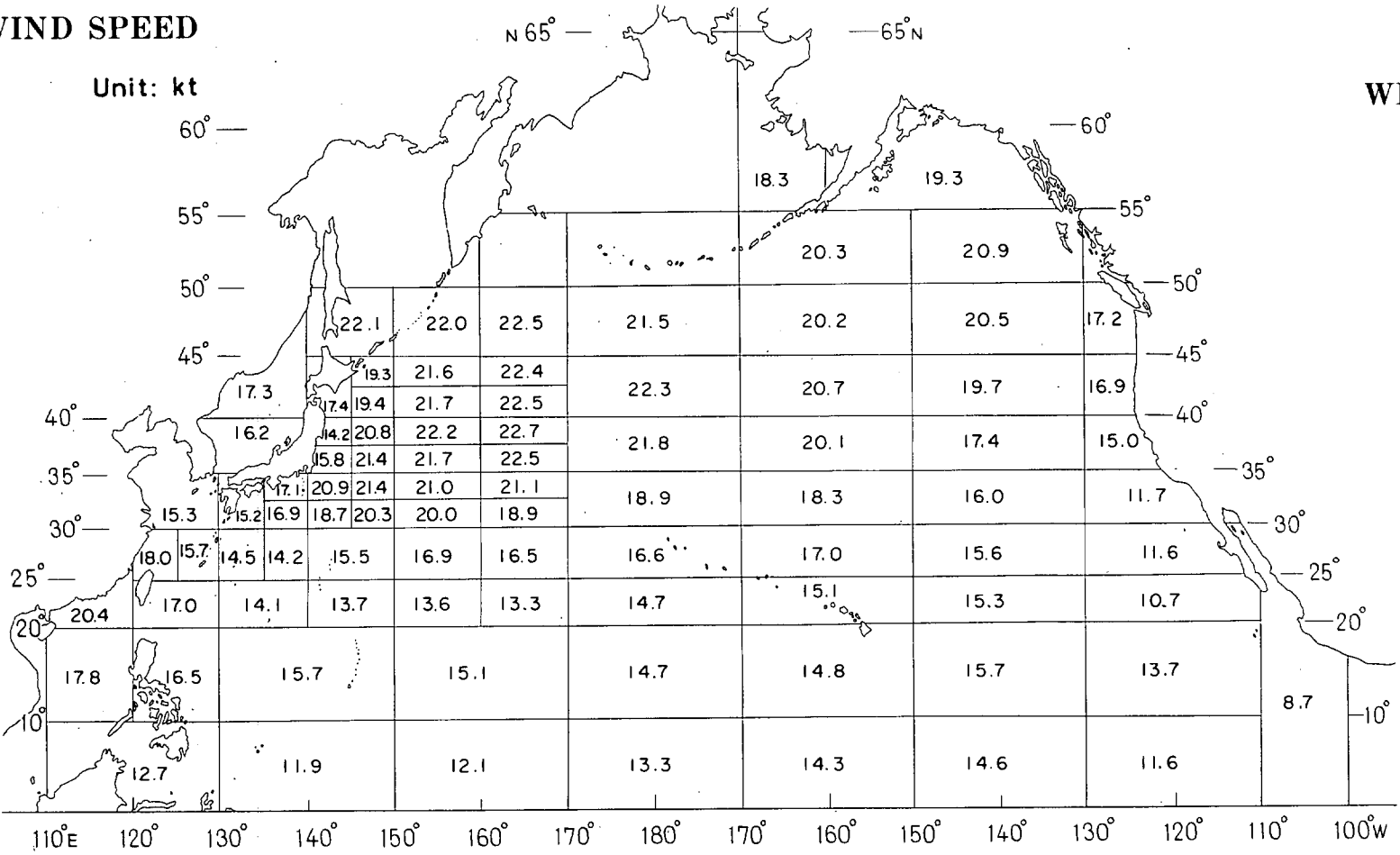
MEAN WIND SPEED



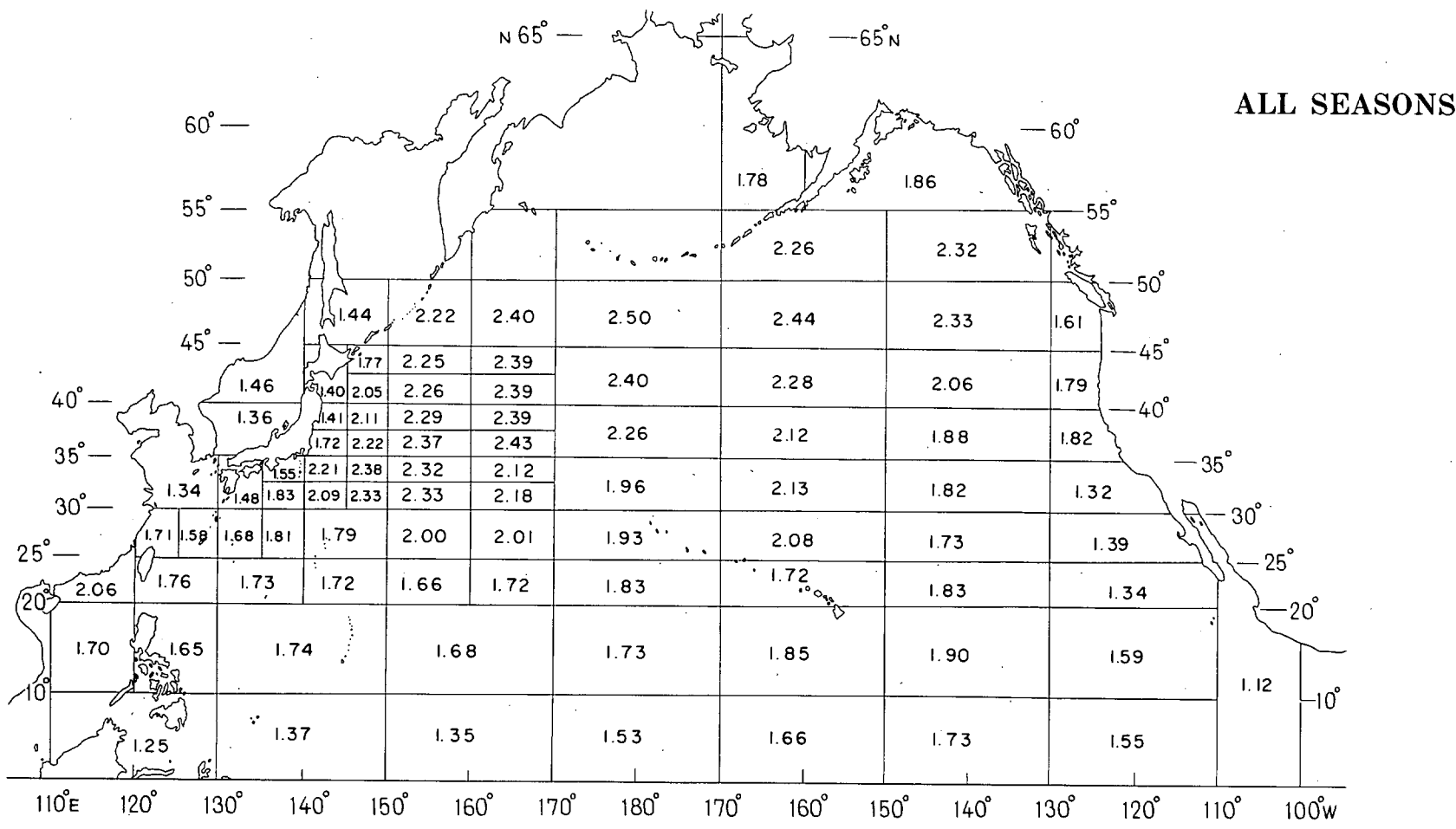
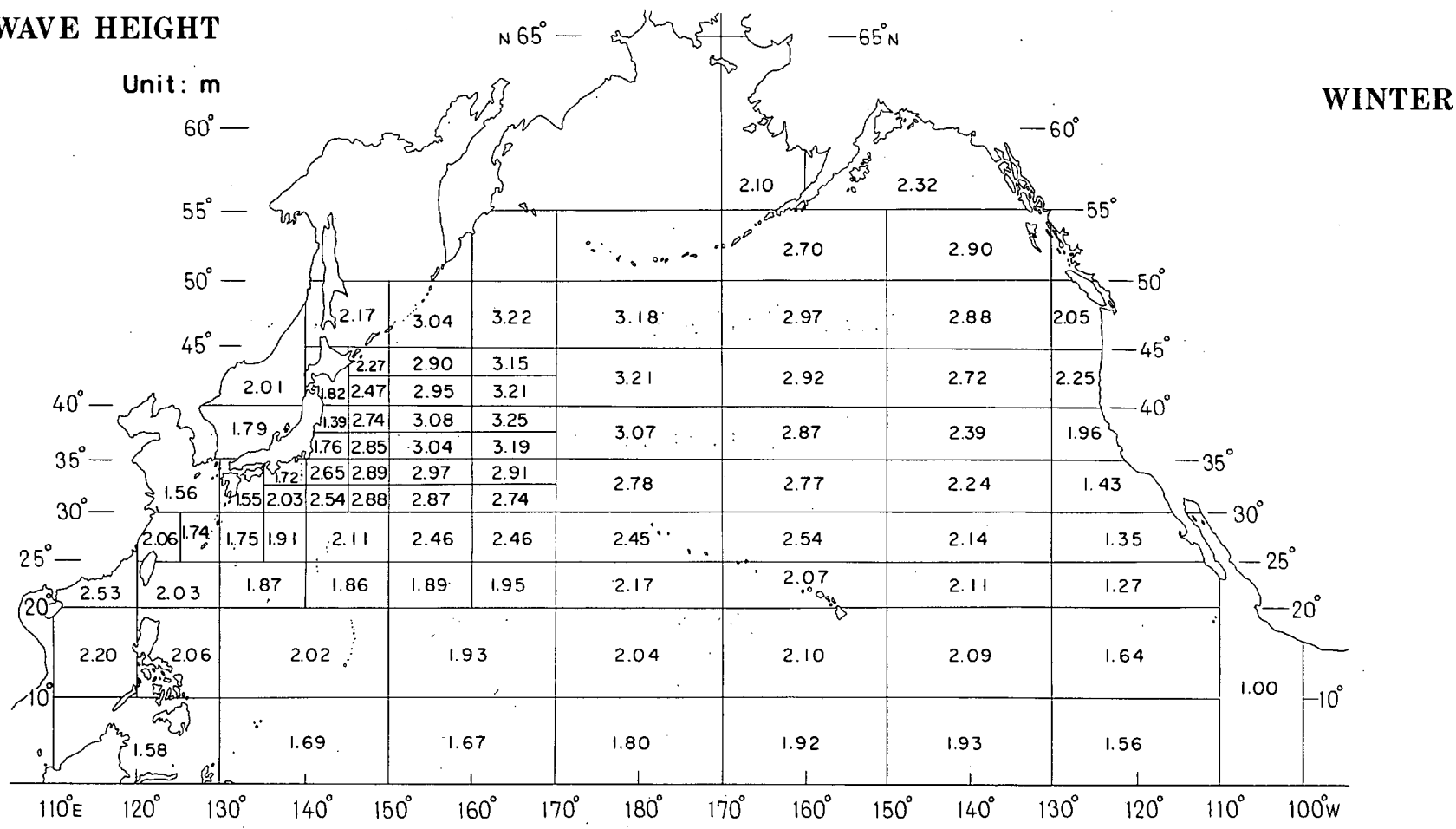
MEAN WAVE HEIGHT



MEAN WIND SPEED

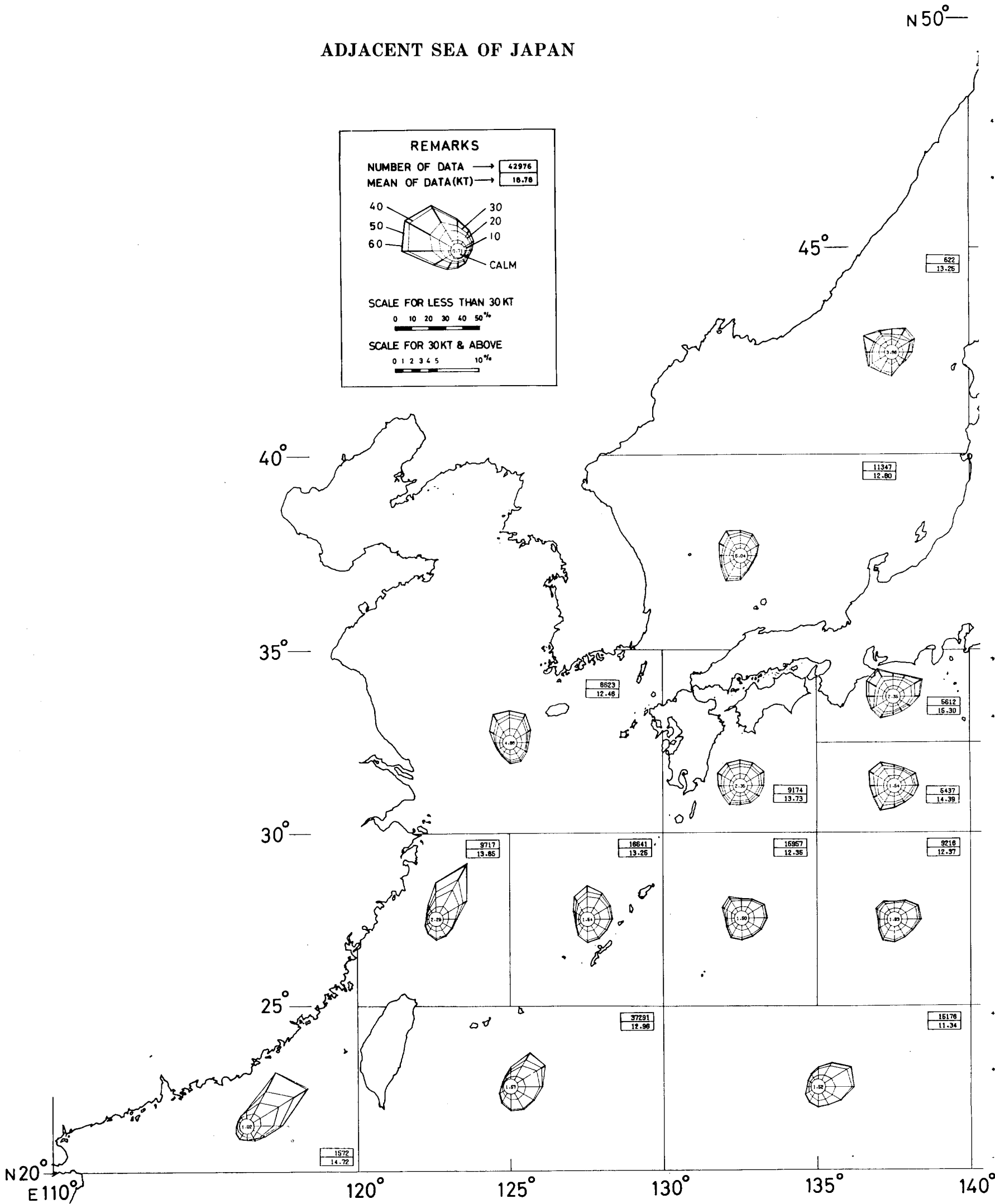


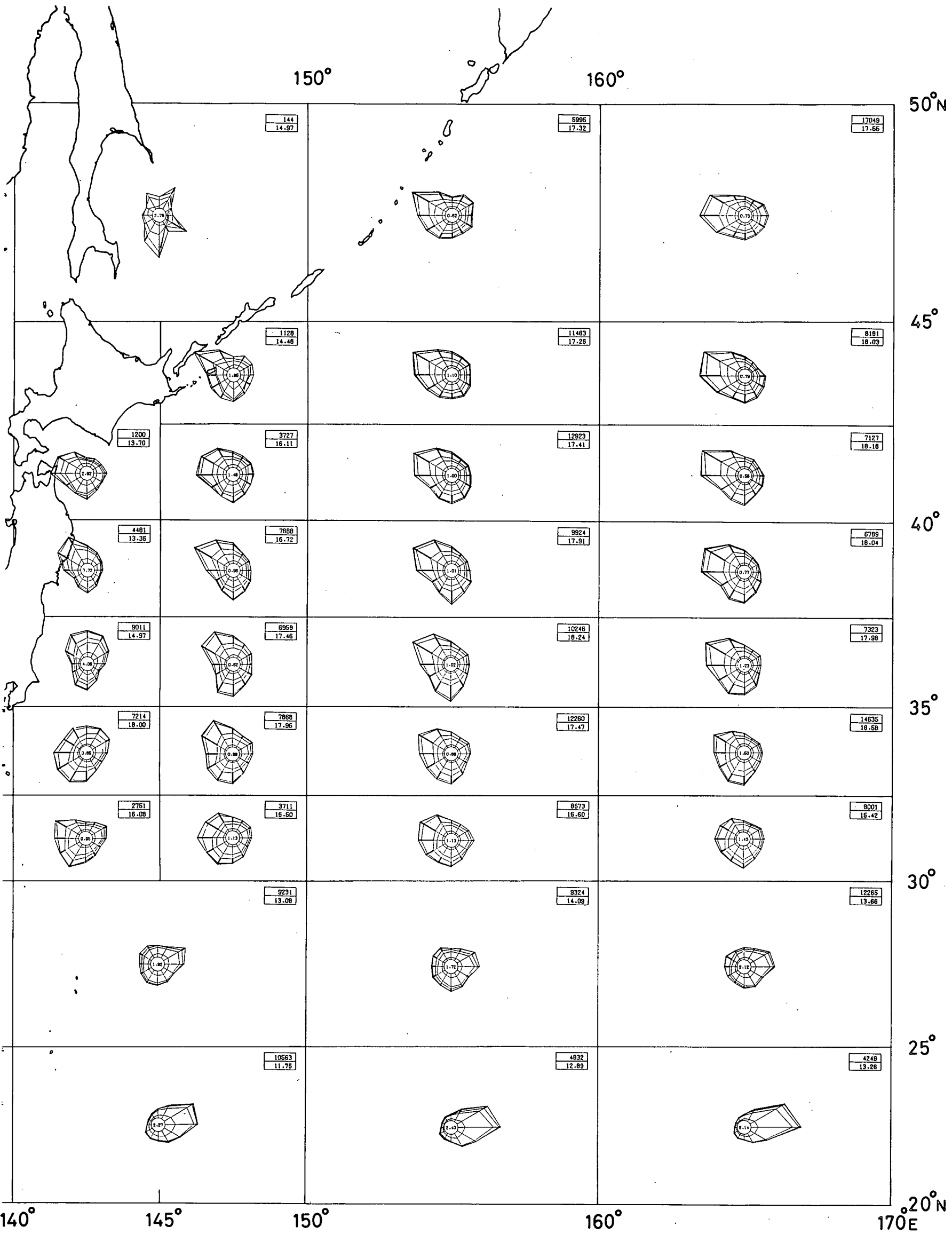
MEAN WAVE HEIGHT



WIND SPEED ROSE SEASON:SPRING

ADJACENT SEA OF JAPAN





WIND SPEED ROSE

SEASON:SPRING

REMARKS

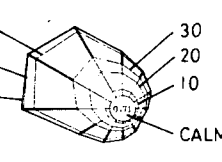
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MEAN OF DATA(KT) → 15.78

40

50

60



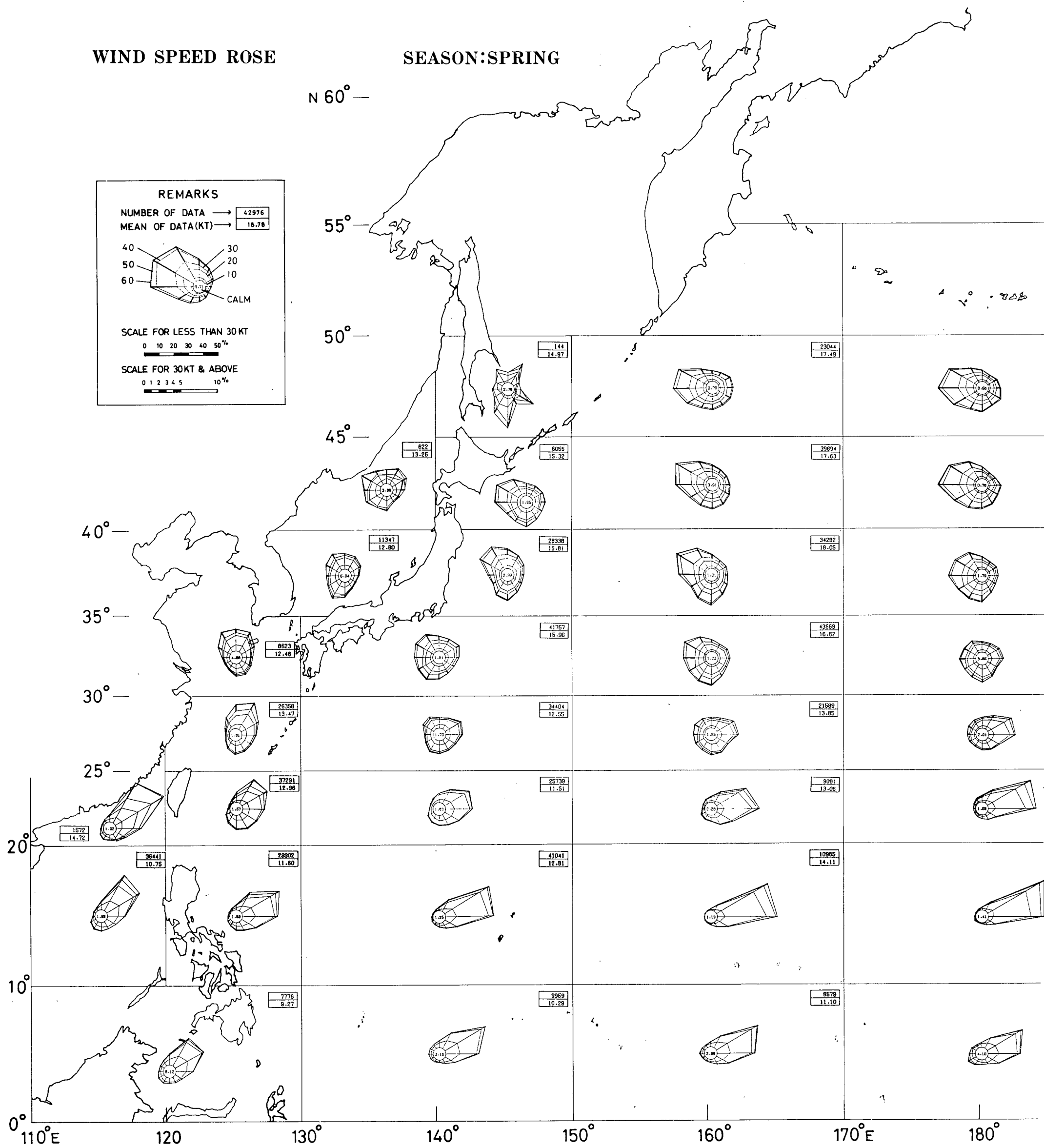
CALM

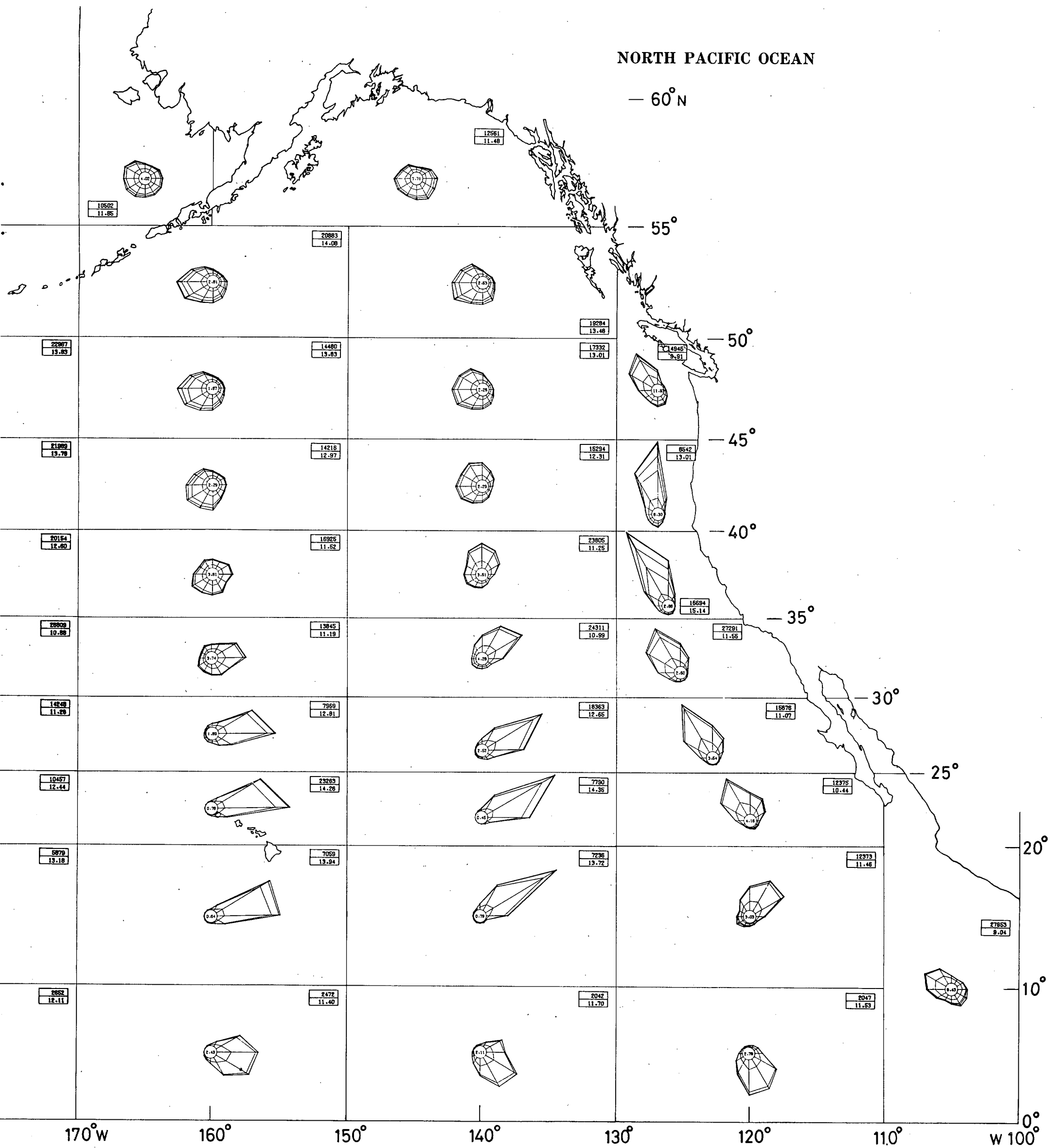
SCALE FOR LESS THAN 30 KT

0 10 20 30 40 50%

SCALE FOR 30KT & ABOVE

0 1 2 3 4 5 10%

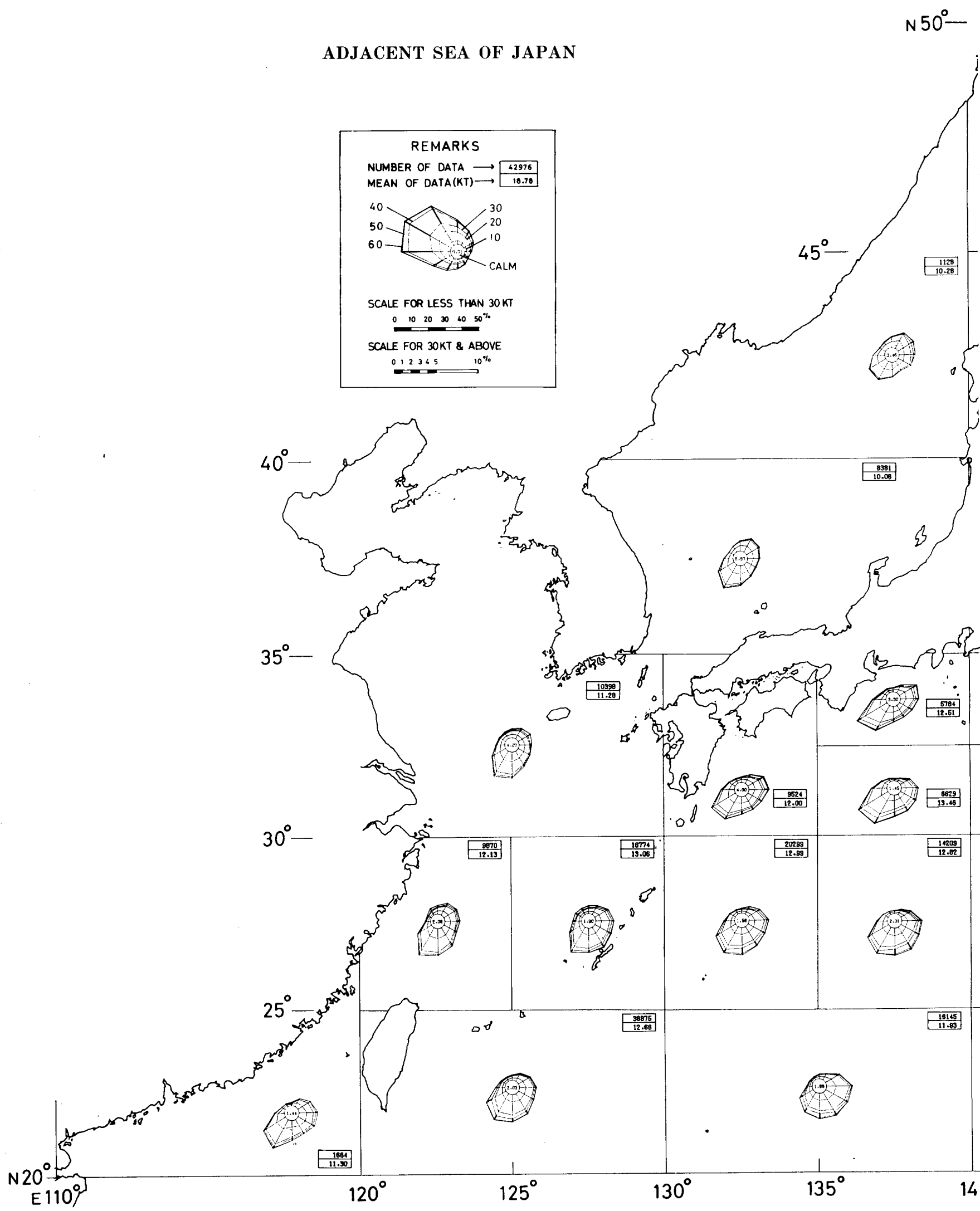


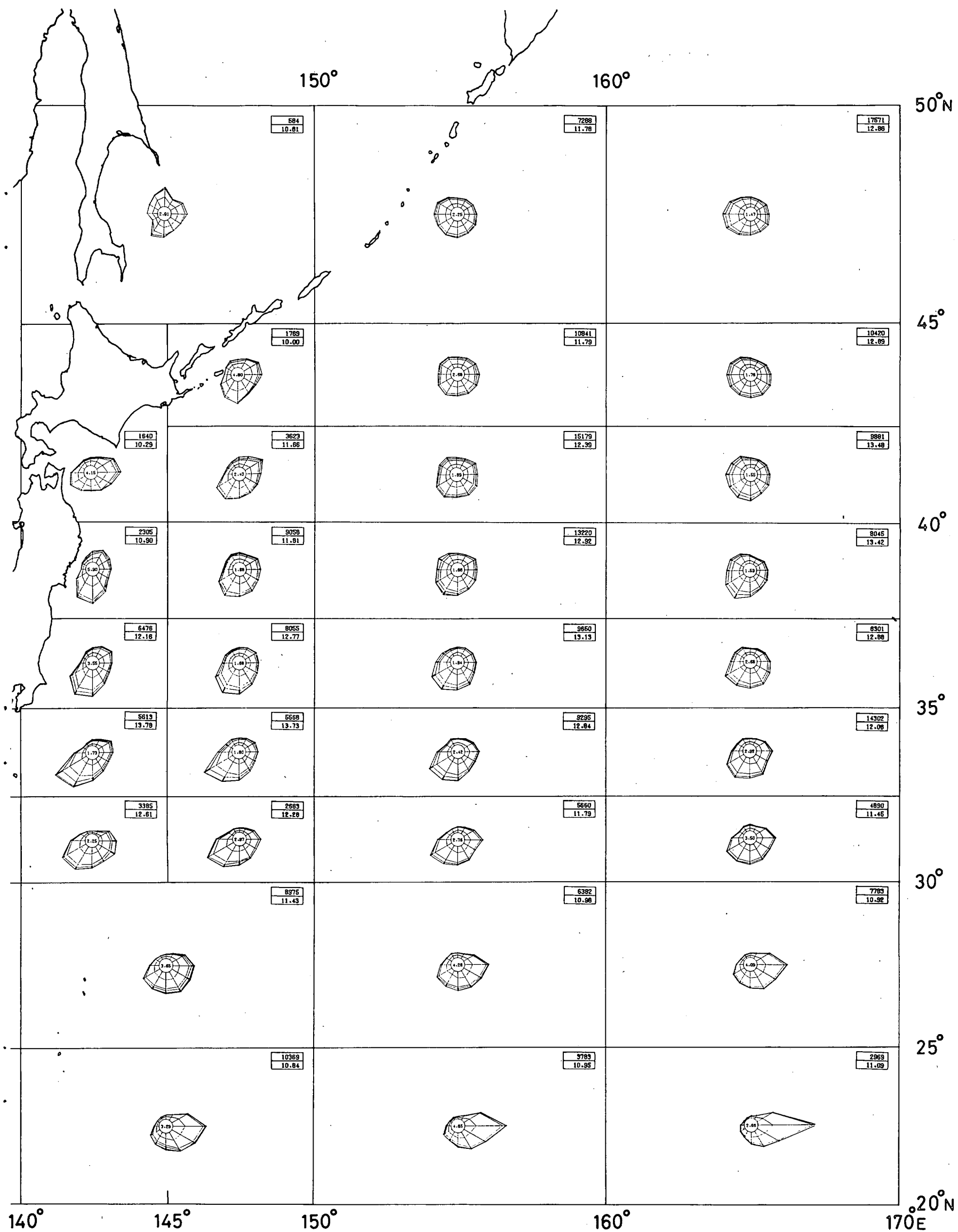


WIND SPEED ROSE

SEASON:SUMMER

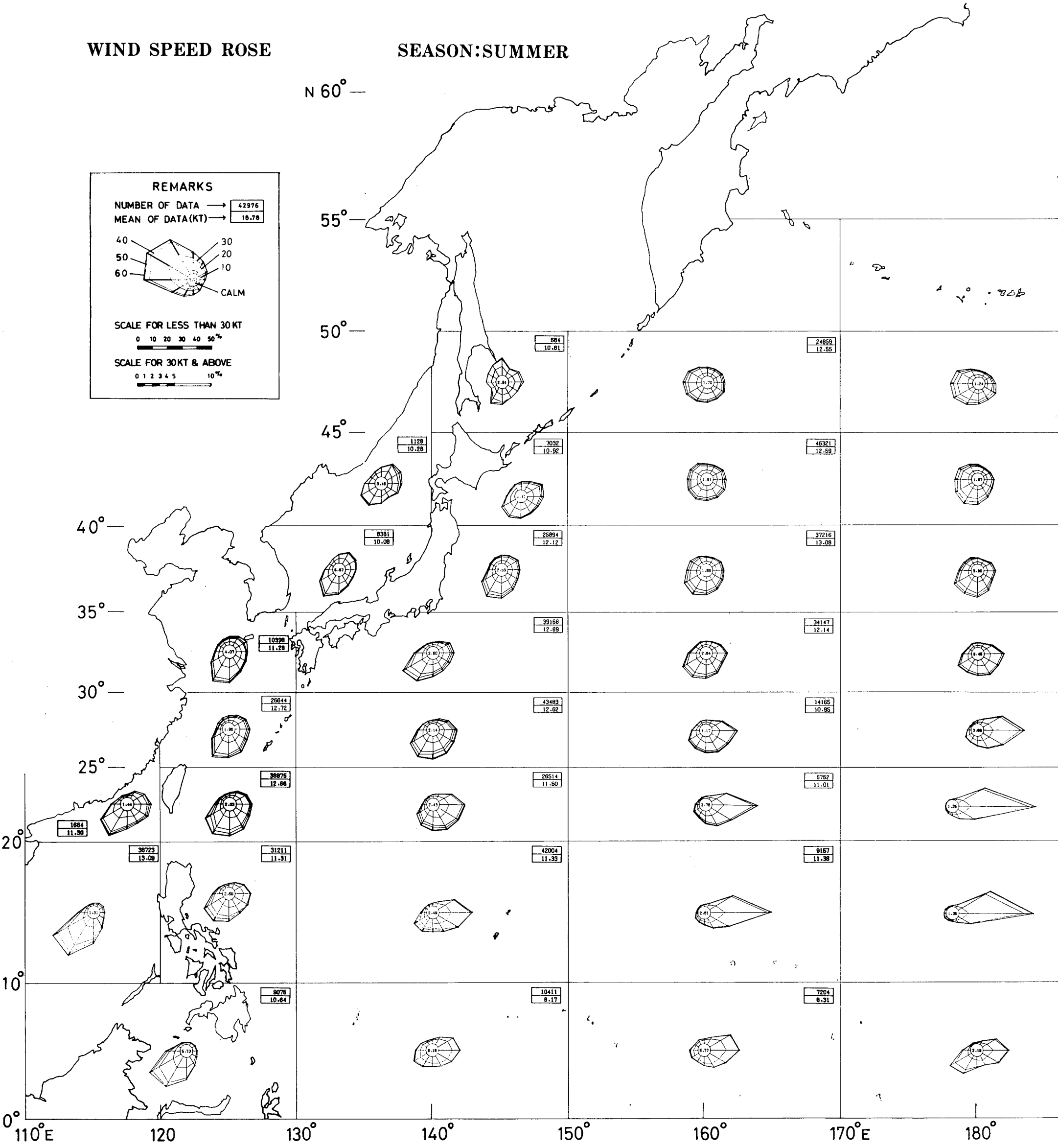
ADJACENT SEA OF JAPAN

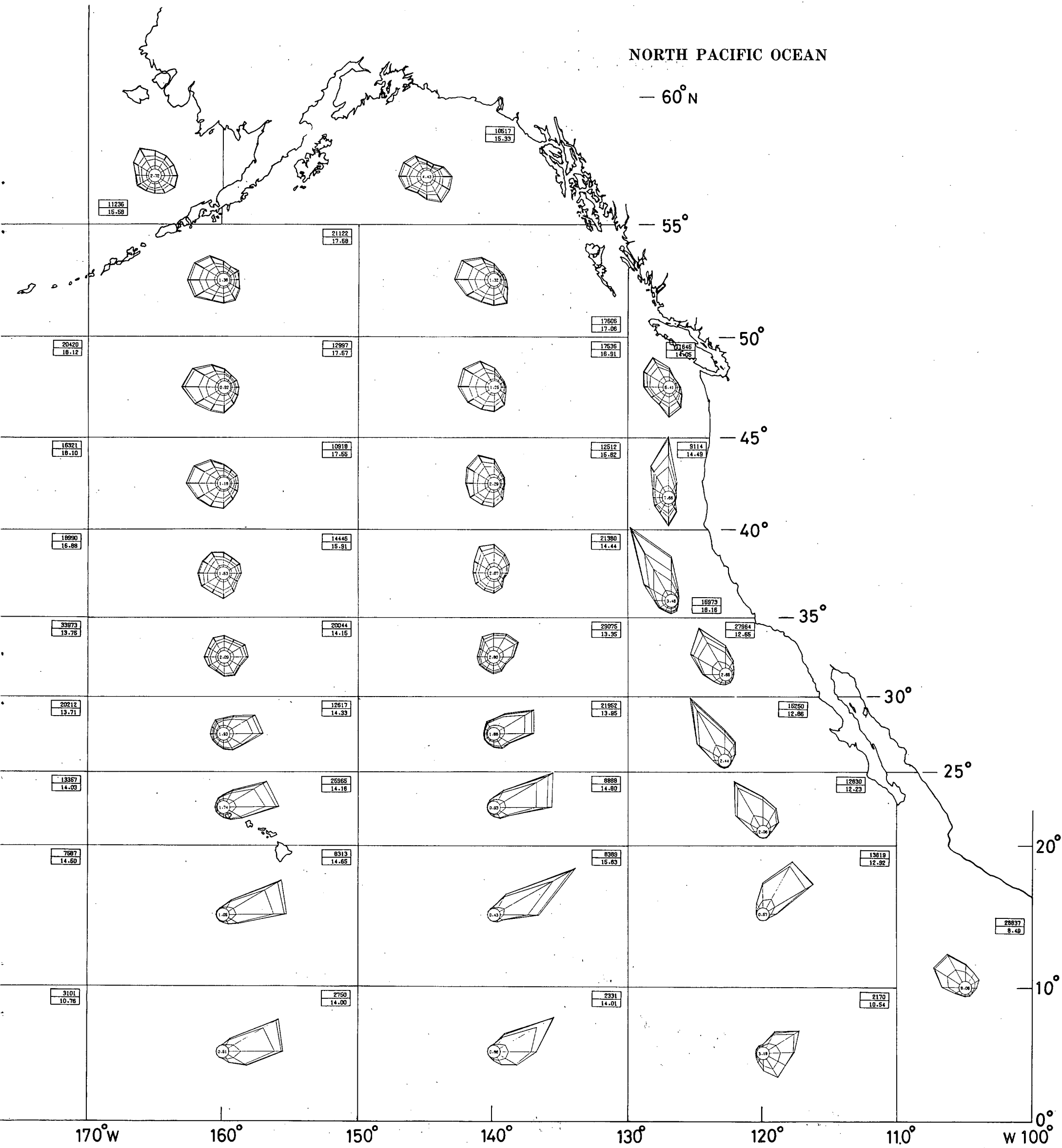




WIND SPEED ROSE

SEASON:SUMMER

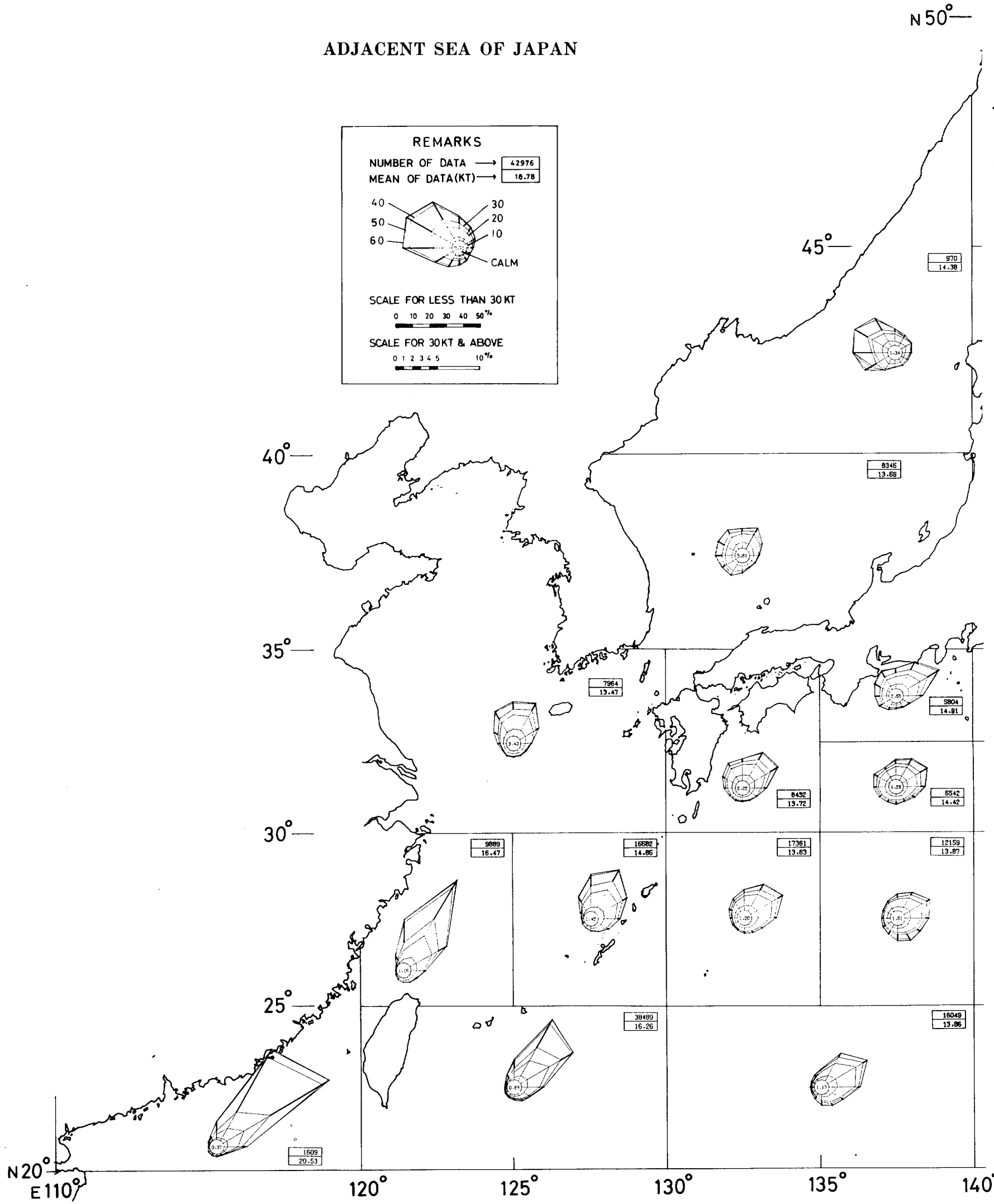


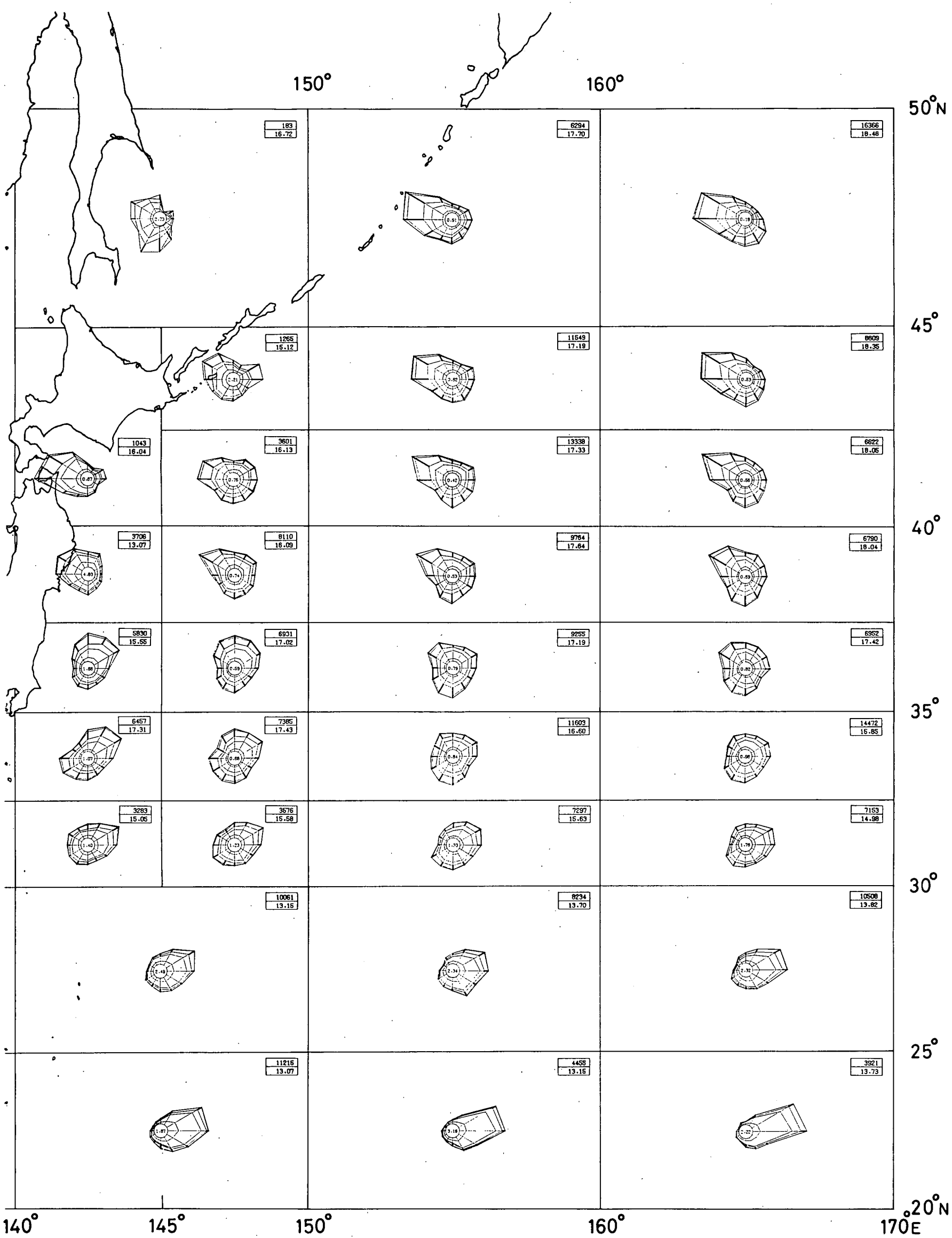


WIND SPEED ROSE

SEASON:AUTUMN

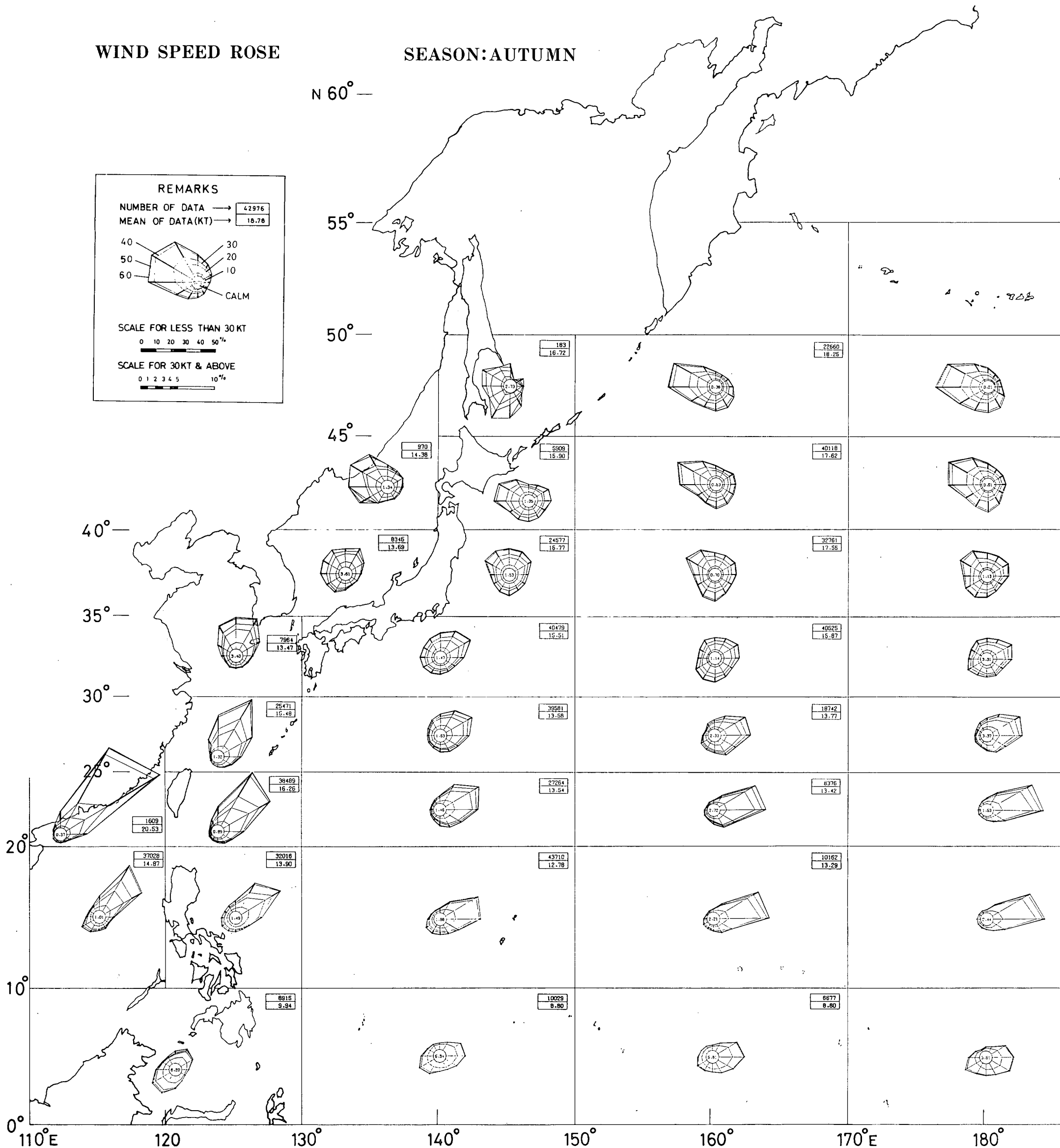
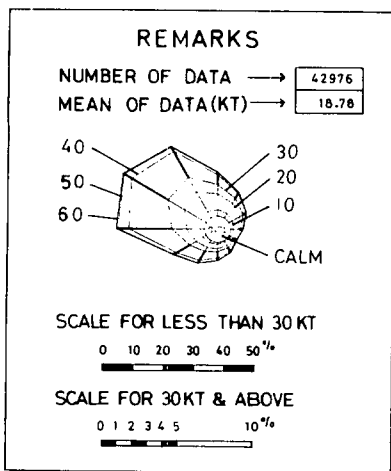
ADJACENT SEA OF JAPAN

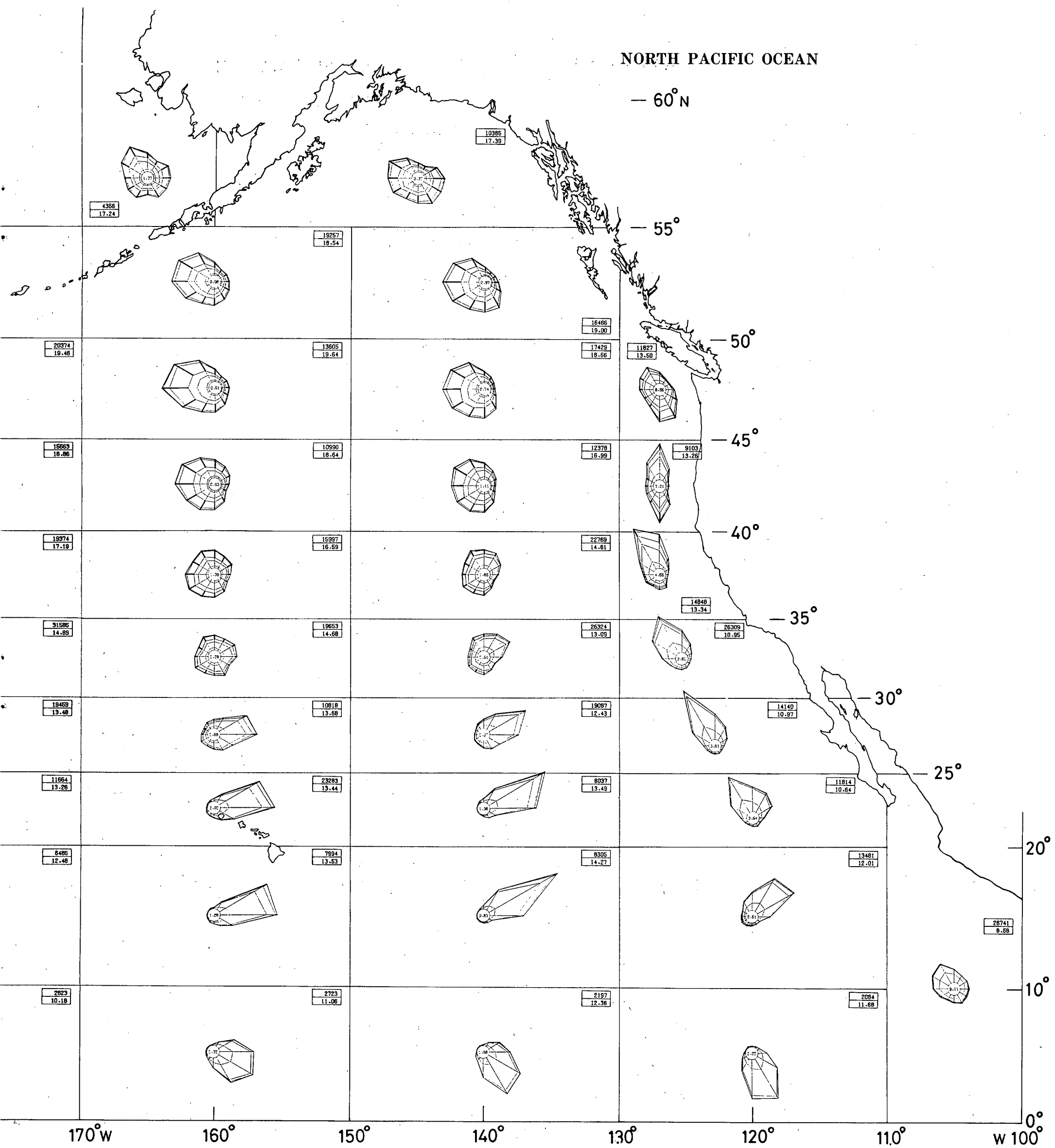




WIND SPEED ROSE

SEASON: AUTUMN

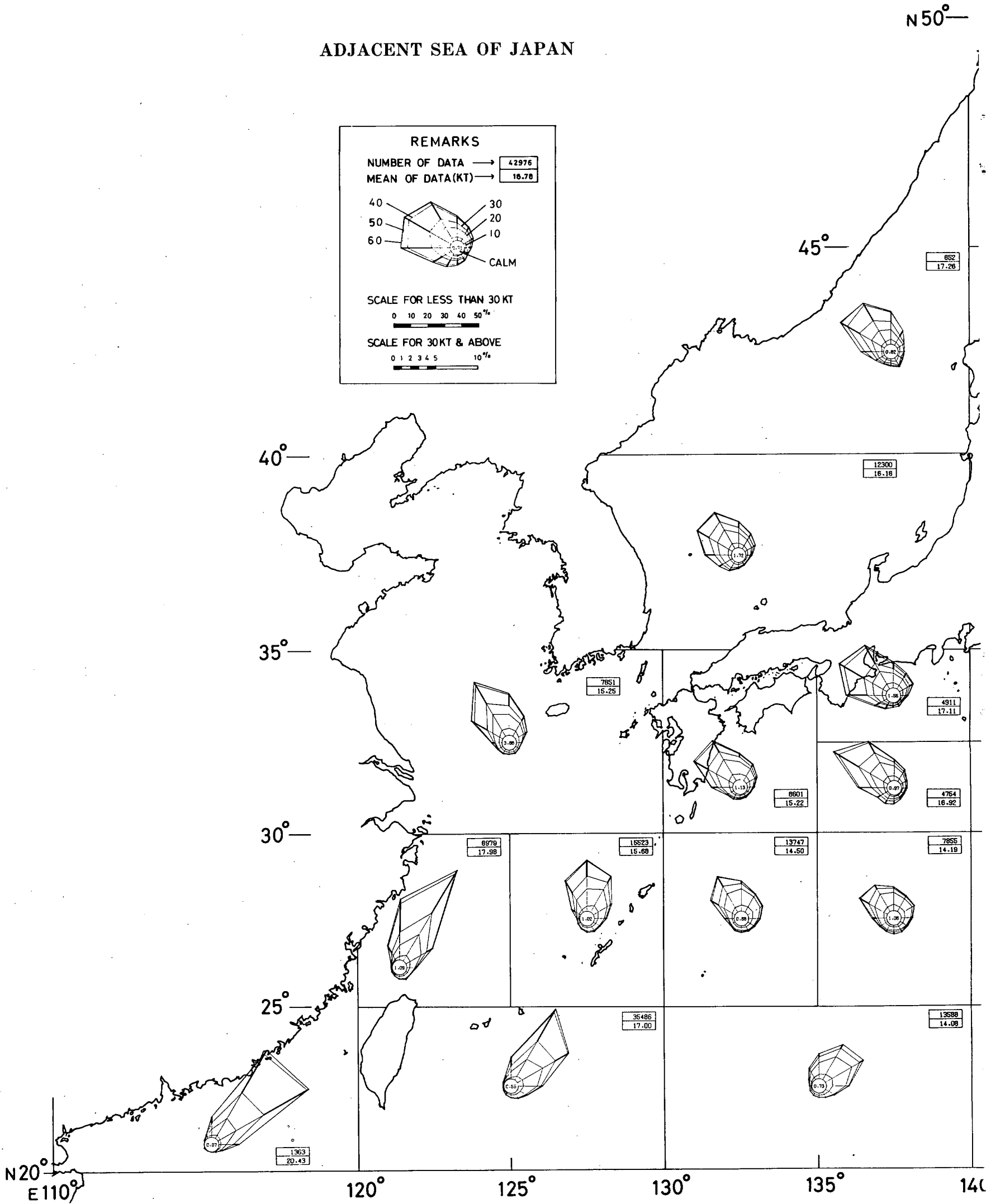


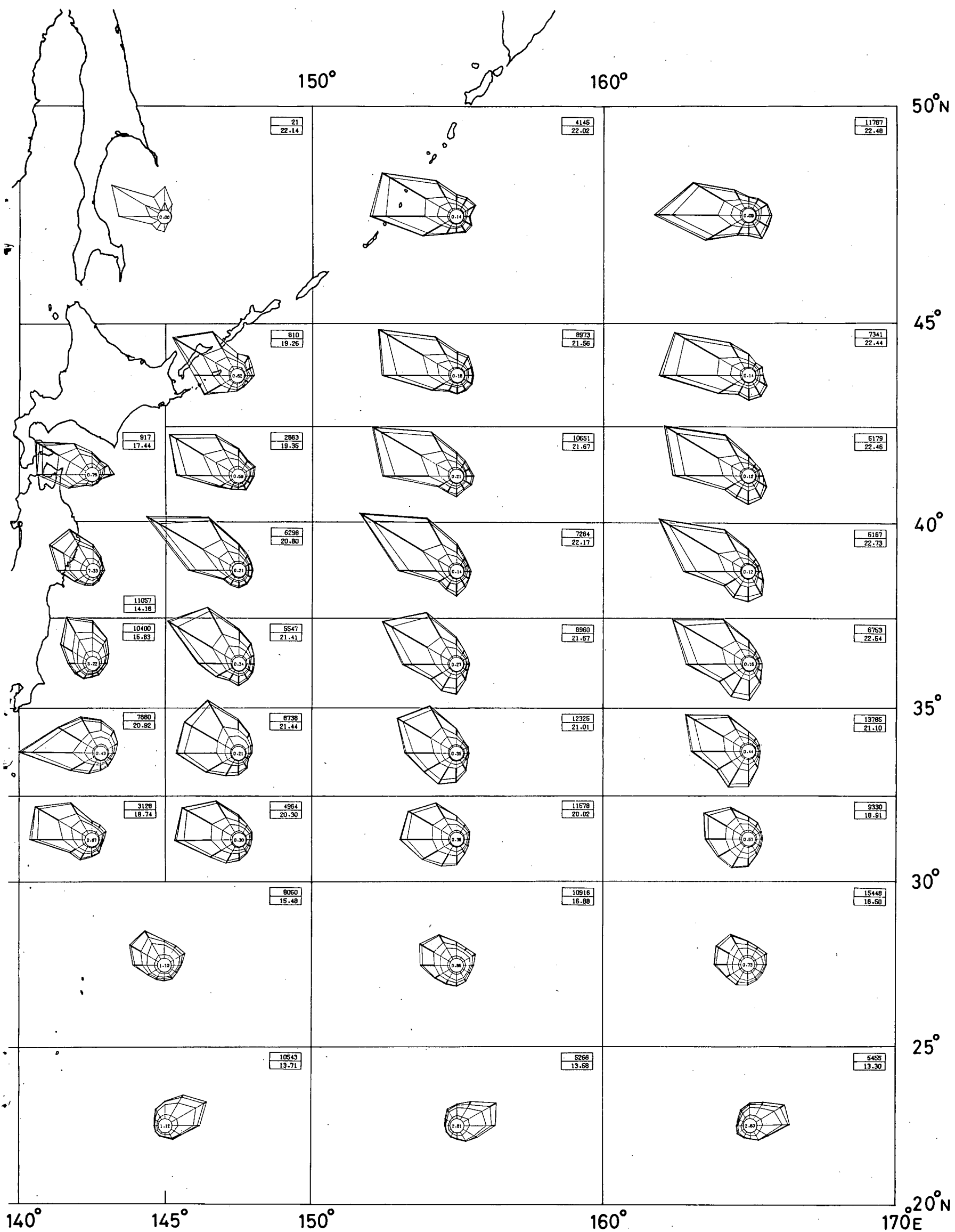


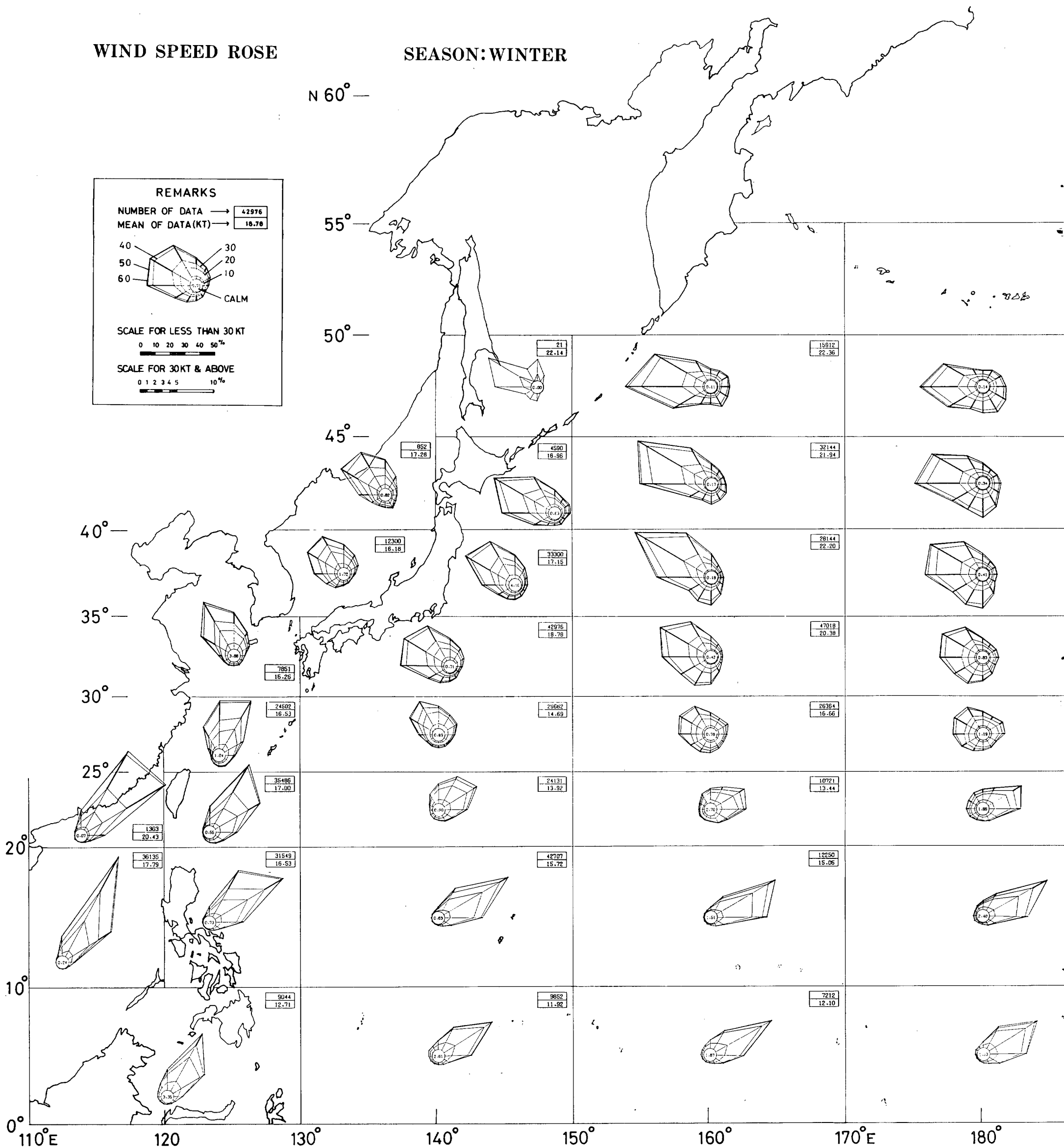
WIND SPEED ROSE

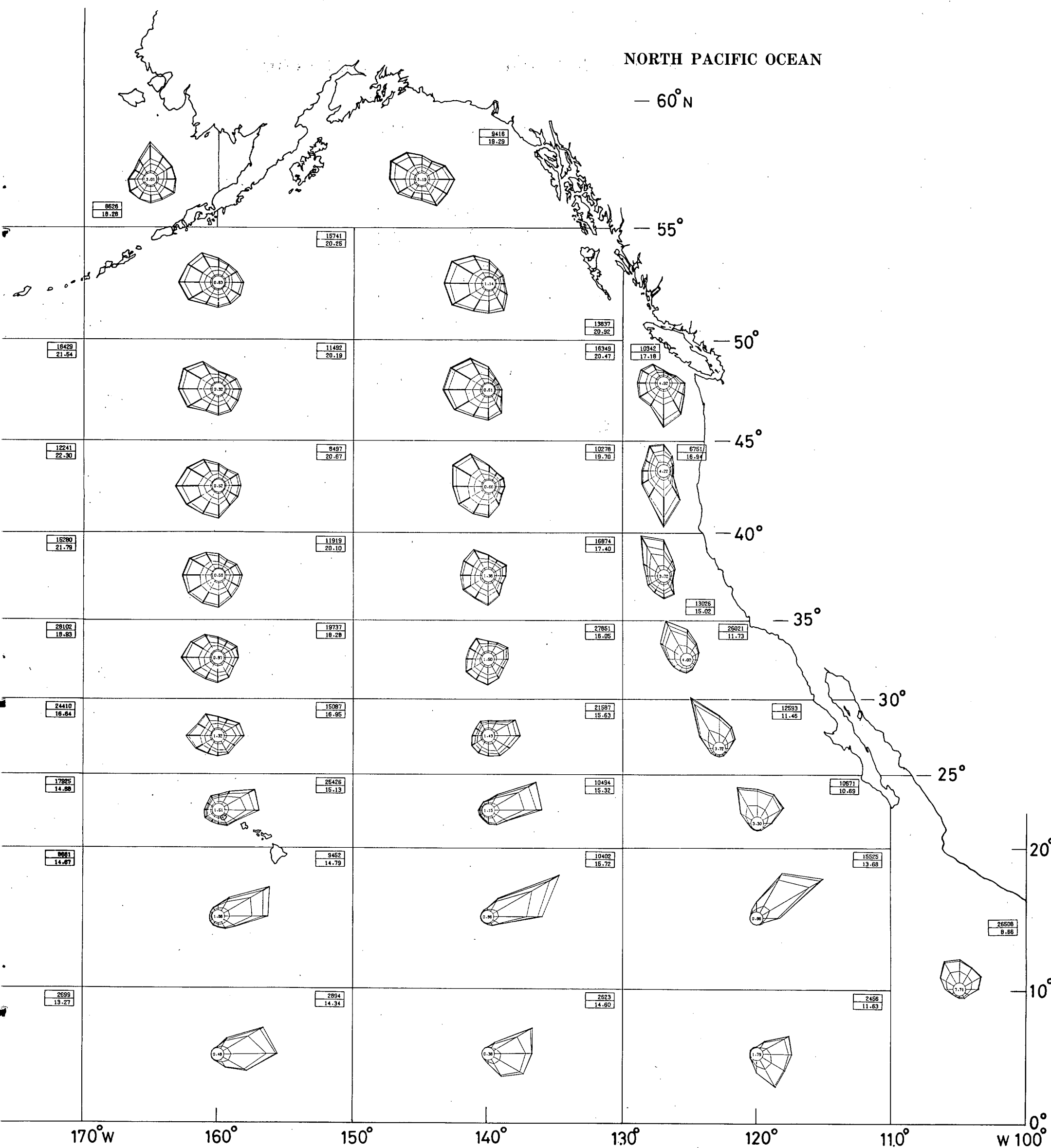
SEASON:WINTER

ADJACENT SEA OF JAPAN



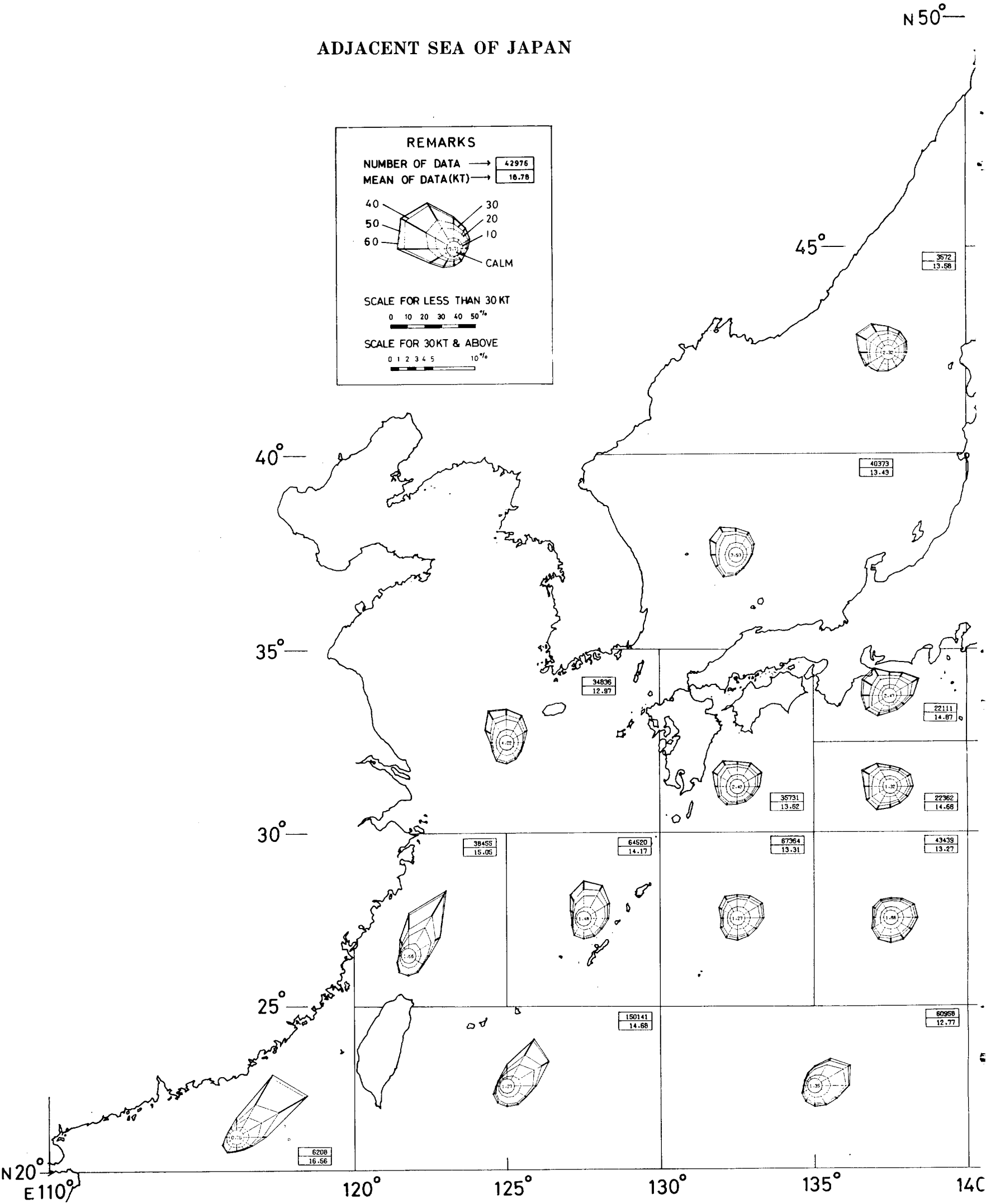


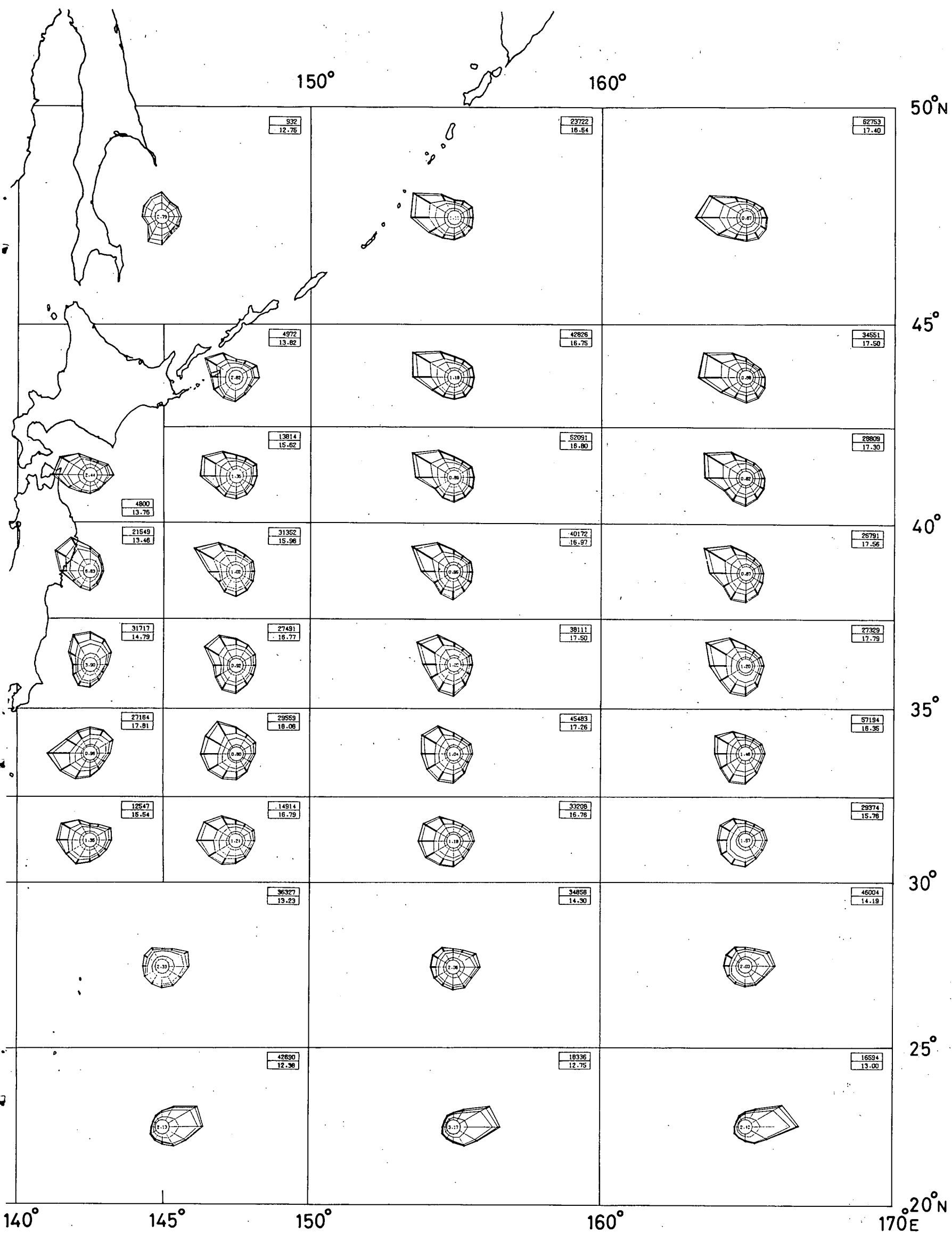




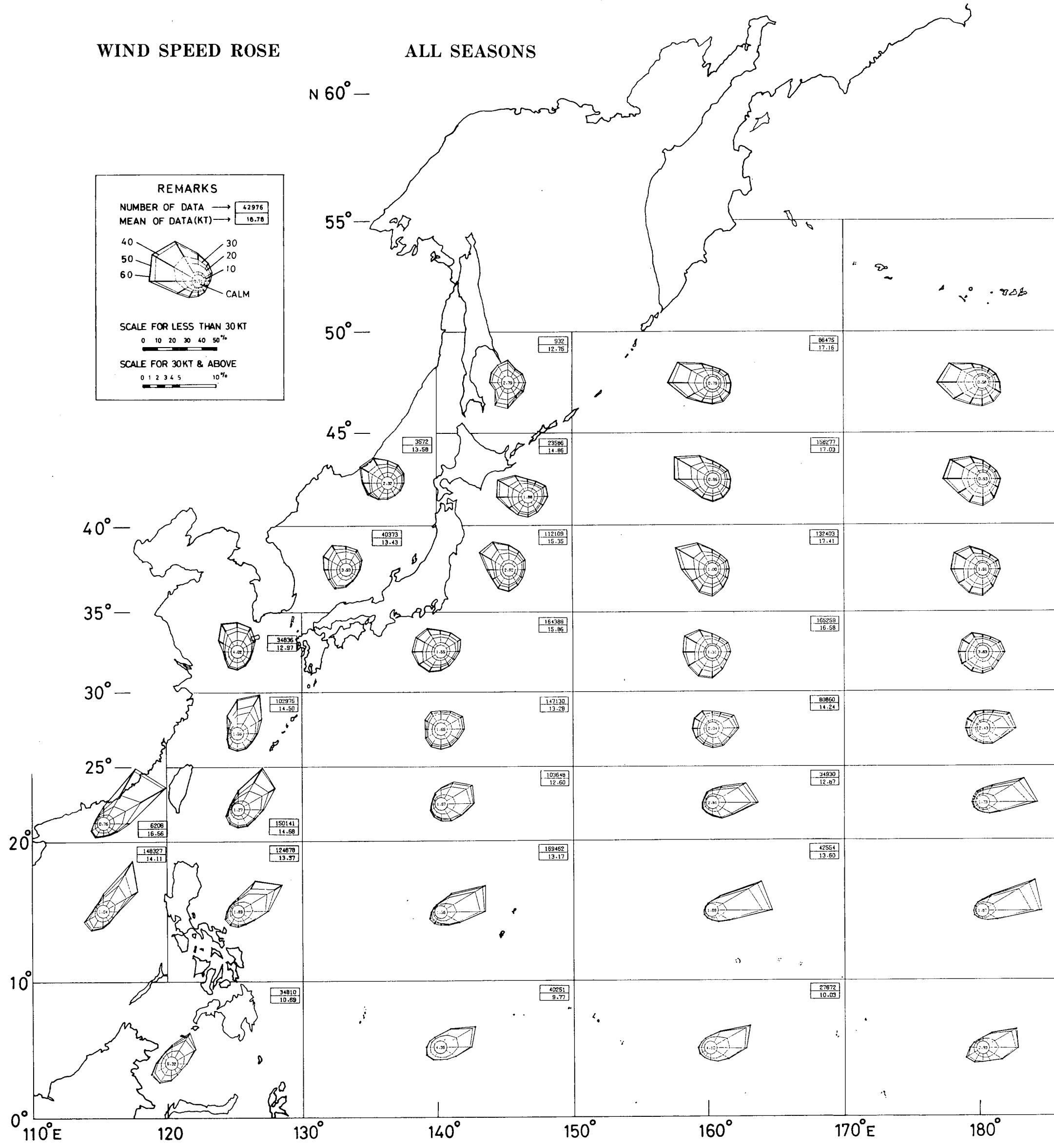
WIND SPEED ROSE ALL SEASONS

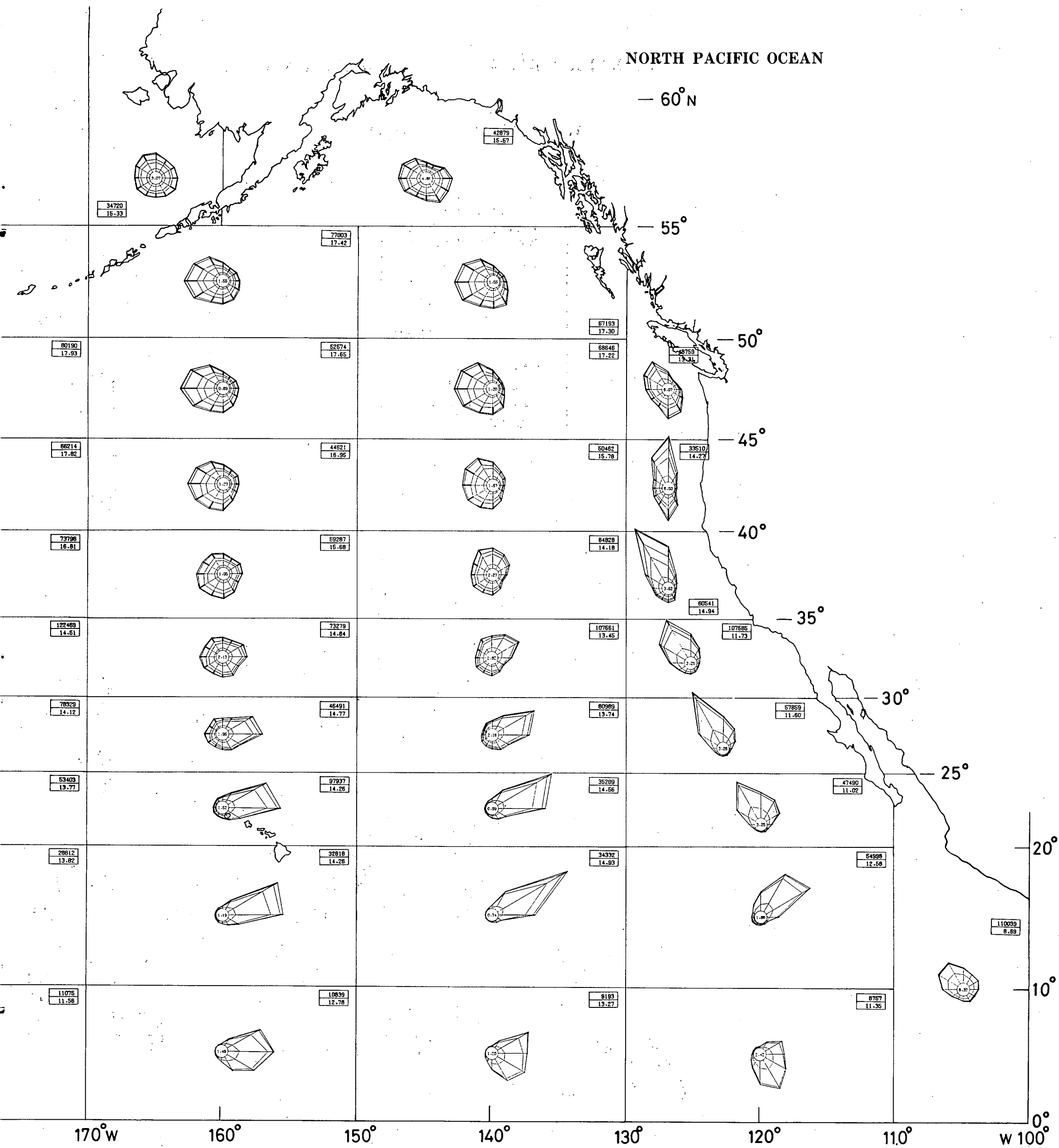
ADJACENT SEA OF JAPAN

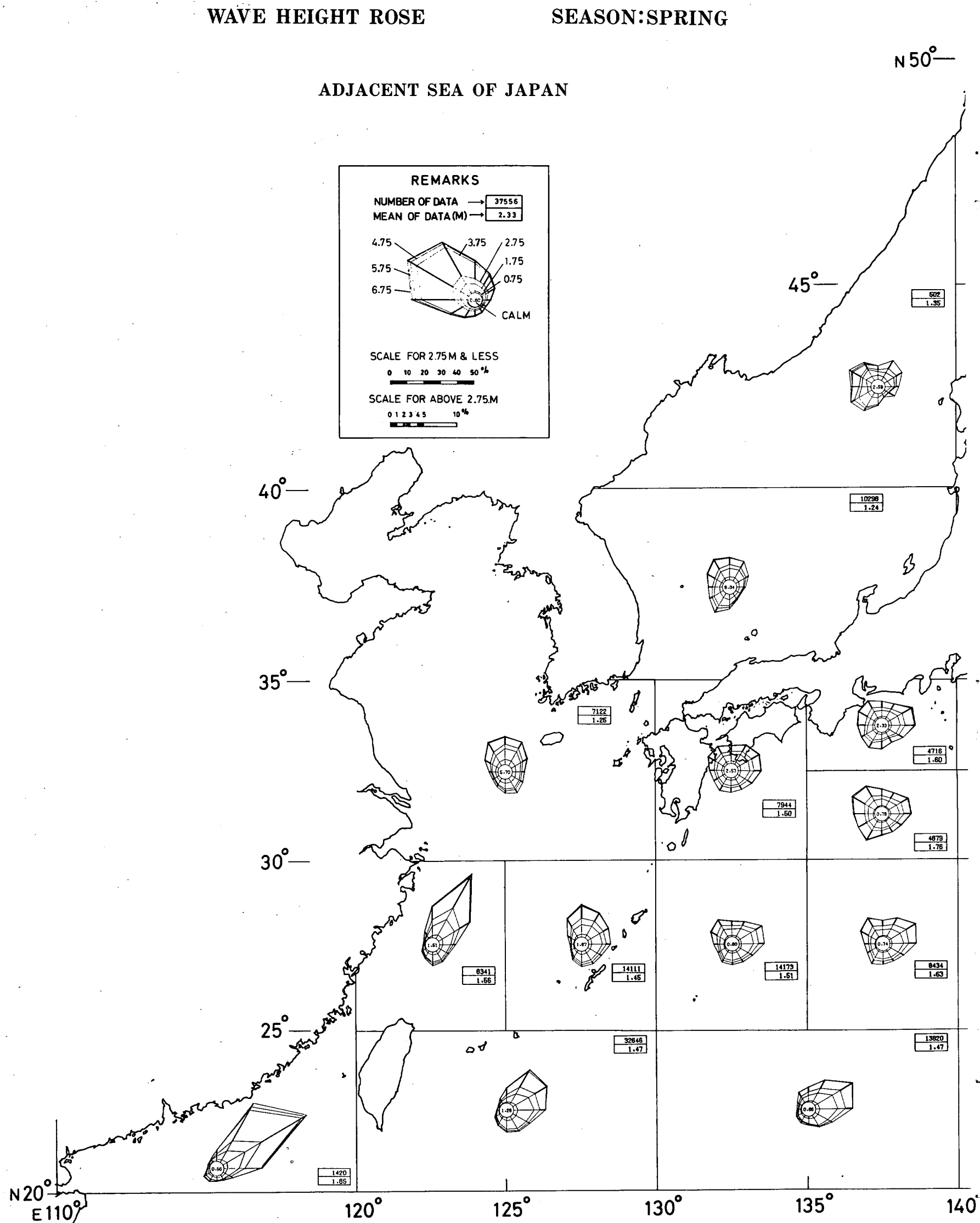


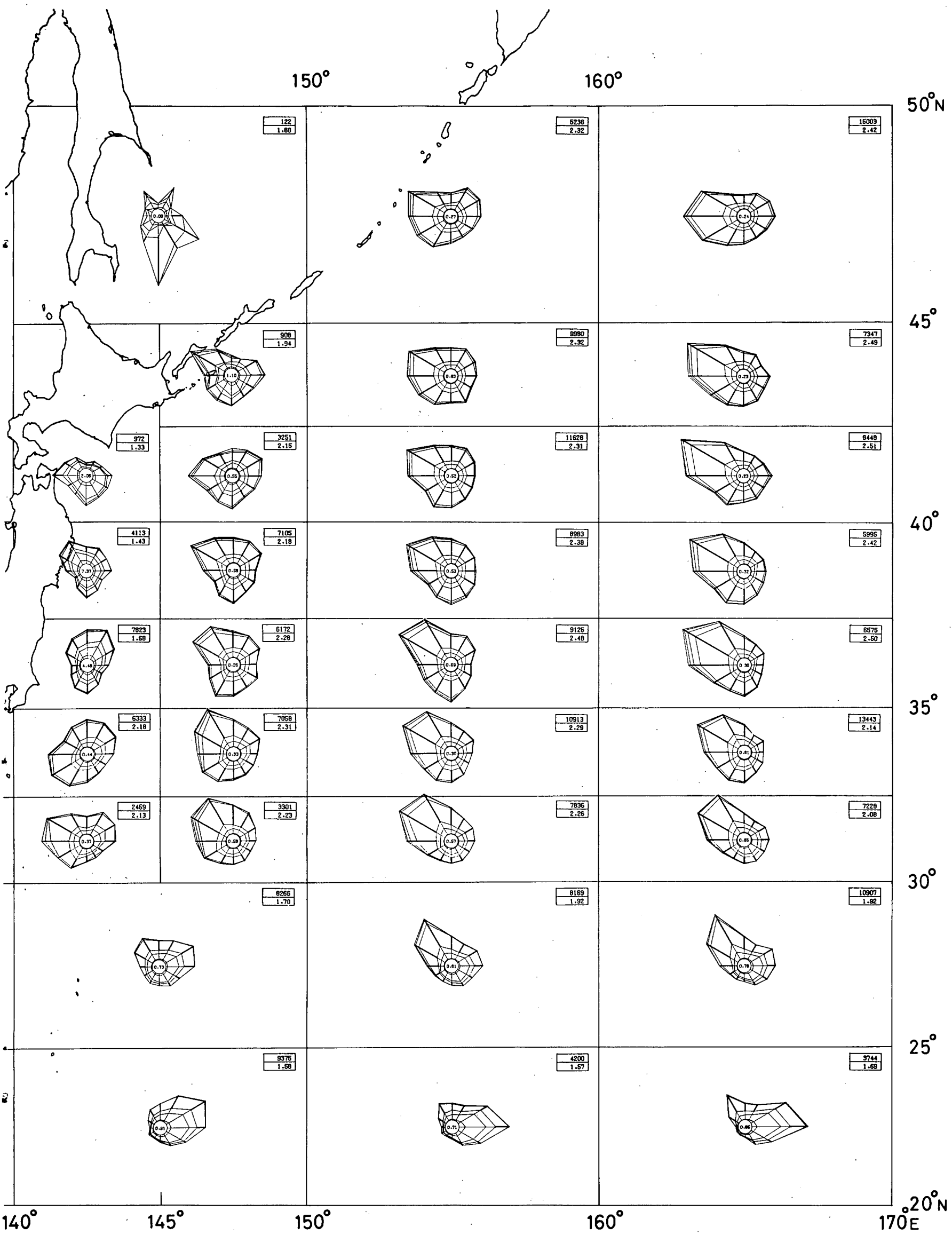


WIND SPEED ROSE ALL SEASONS



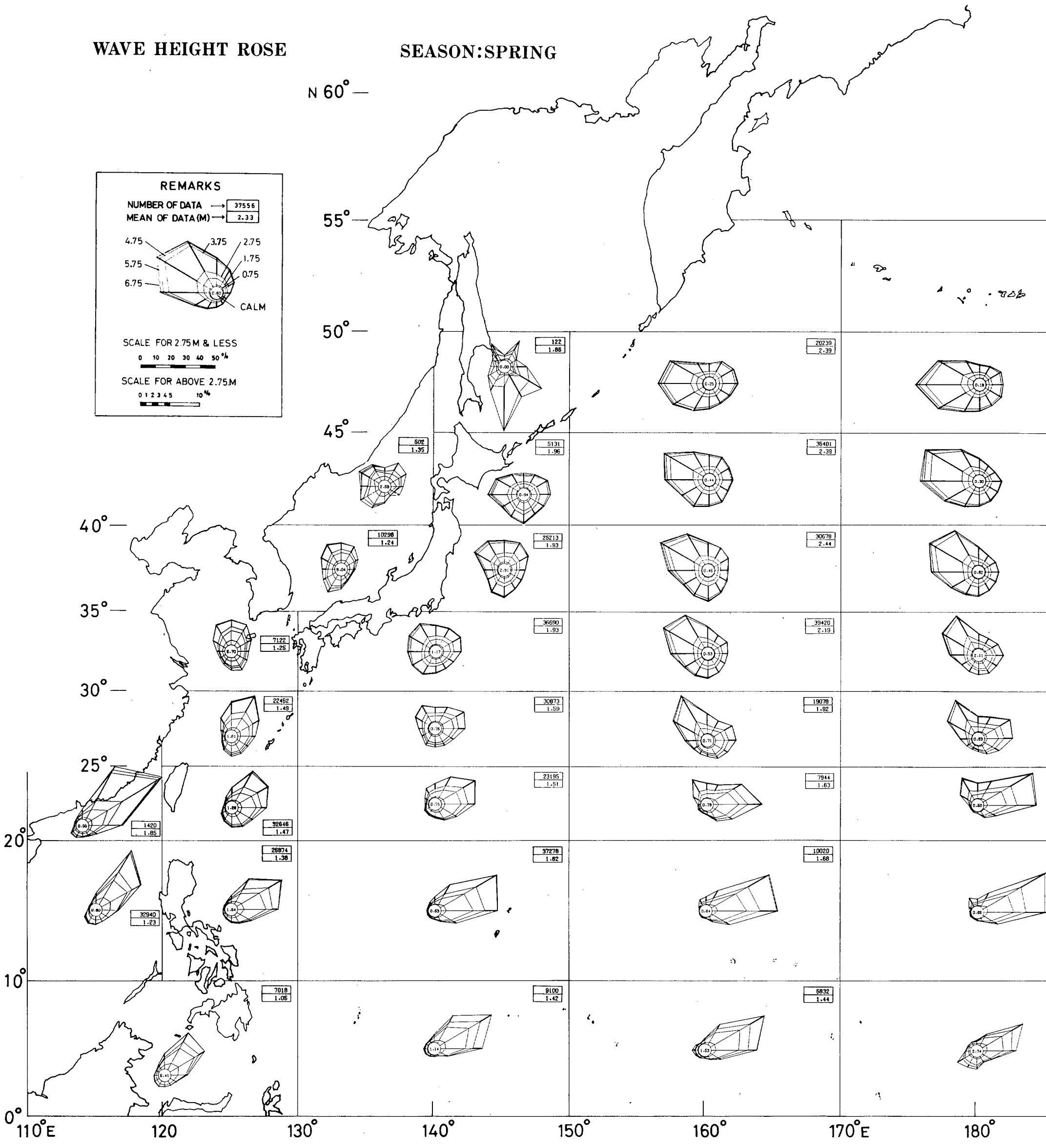


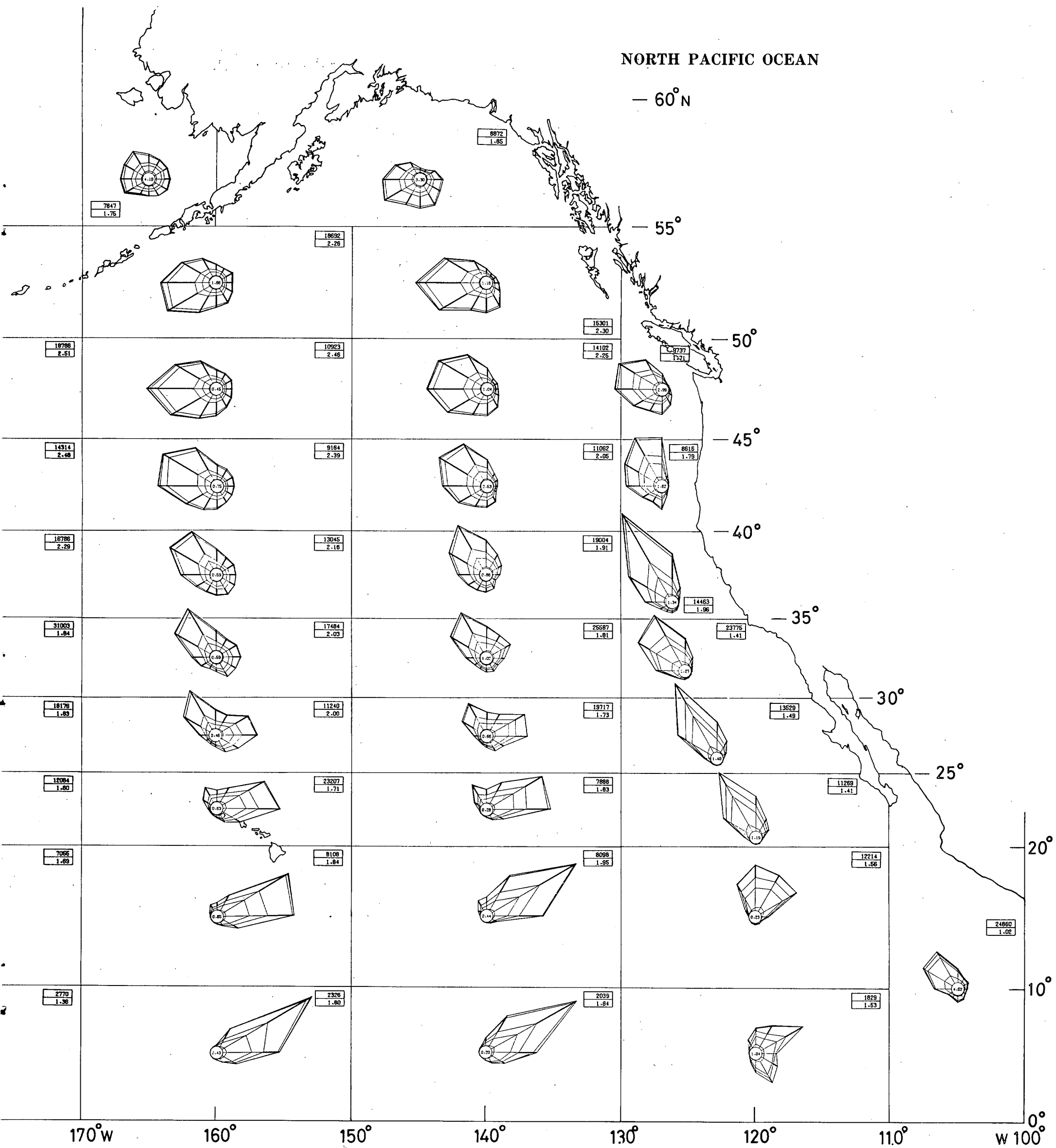




WAVE HEIGHT ROSE

SEASON:SPRING

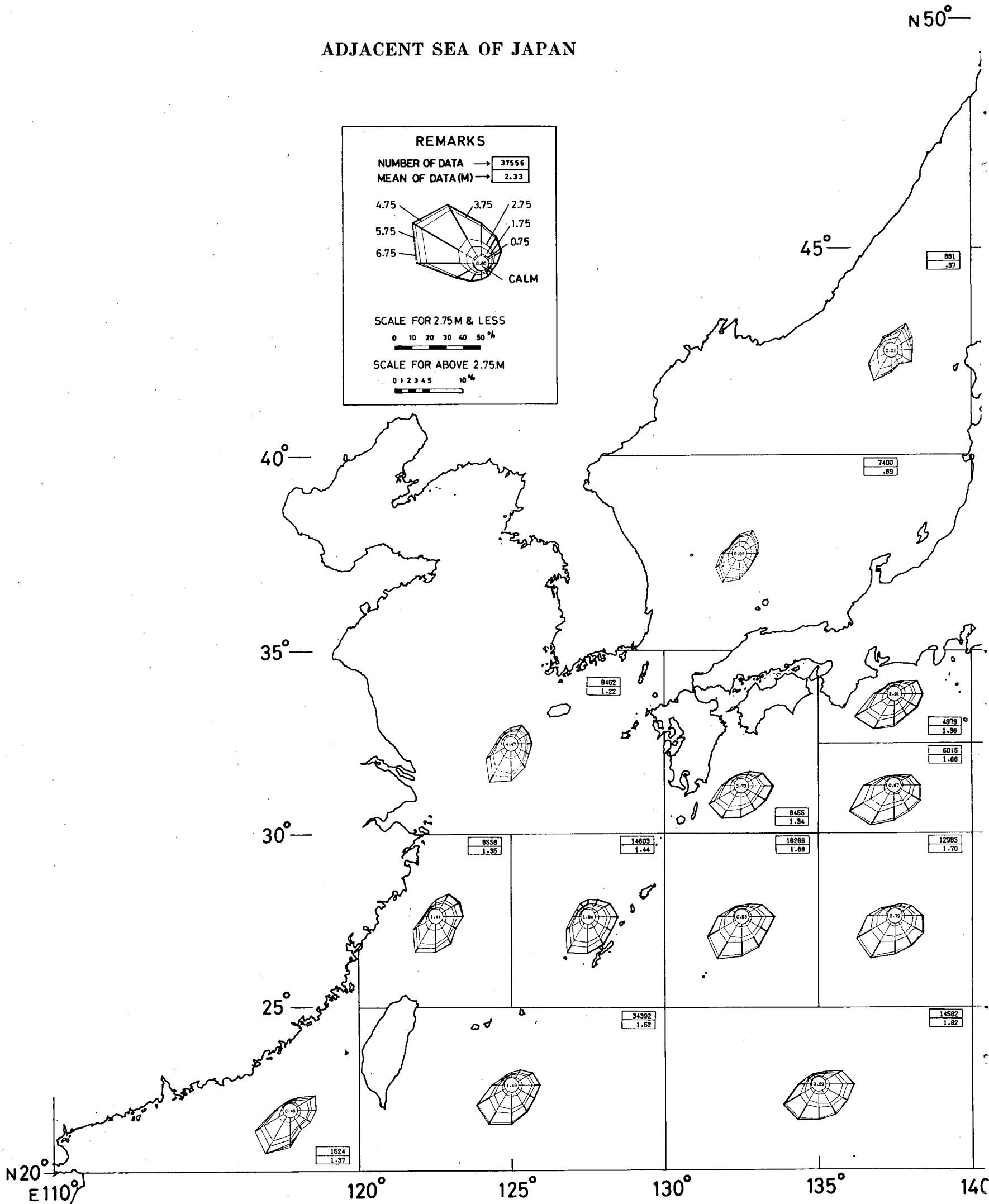


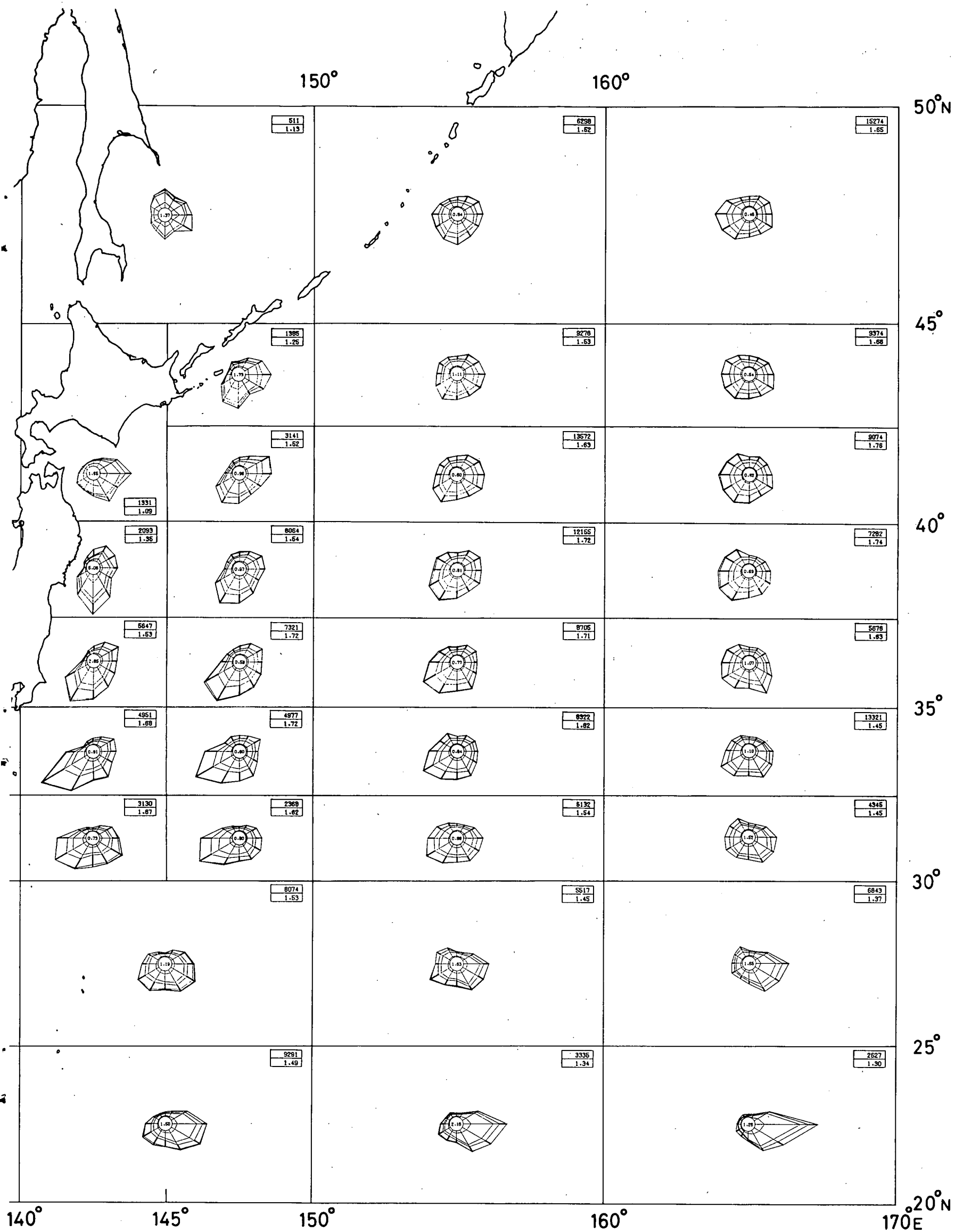


WAVE HEIGHT ROSE

SEASON:SUMMER

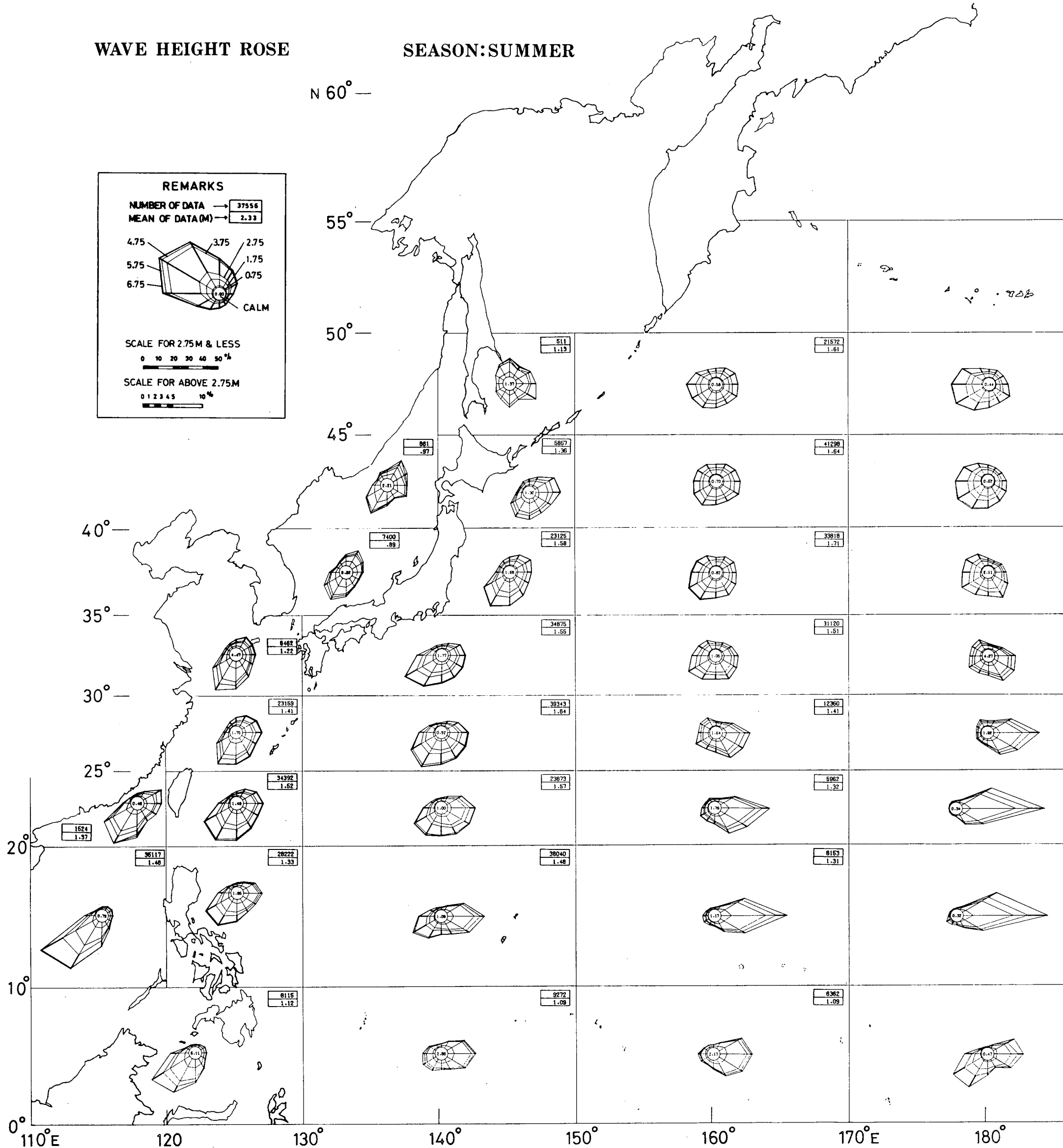
ADJACENT SEA OF JAPAN

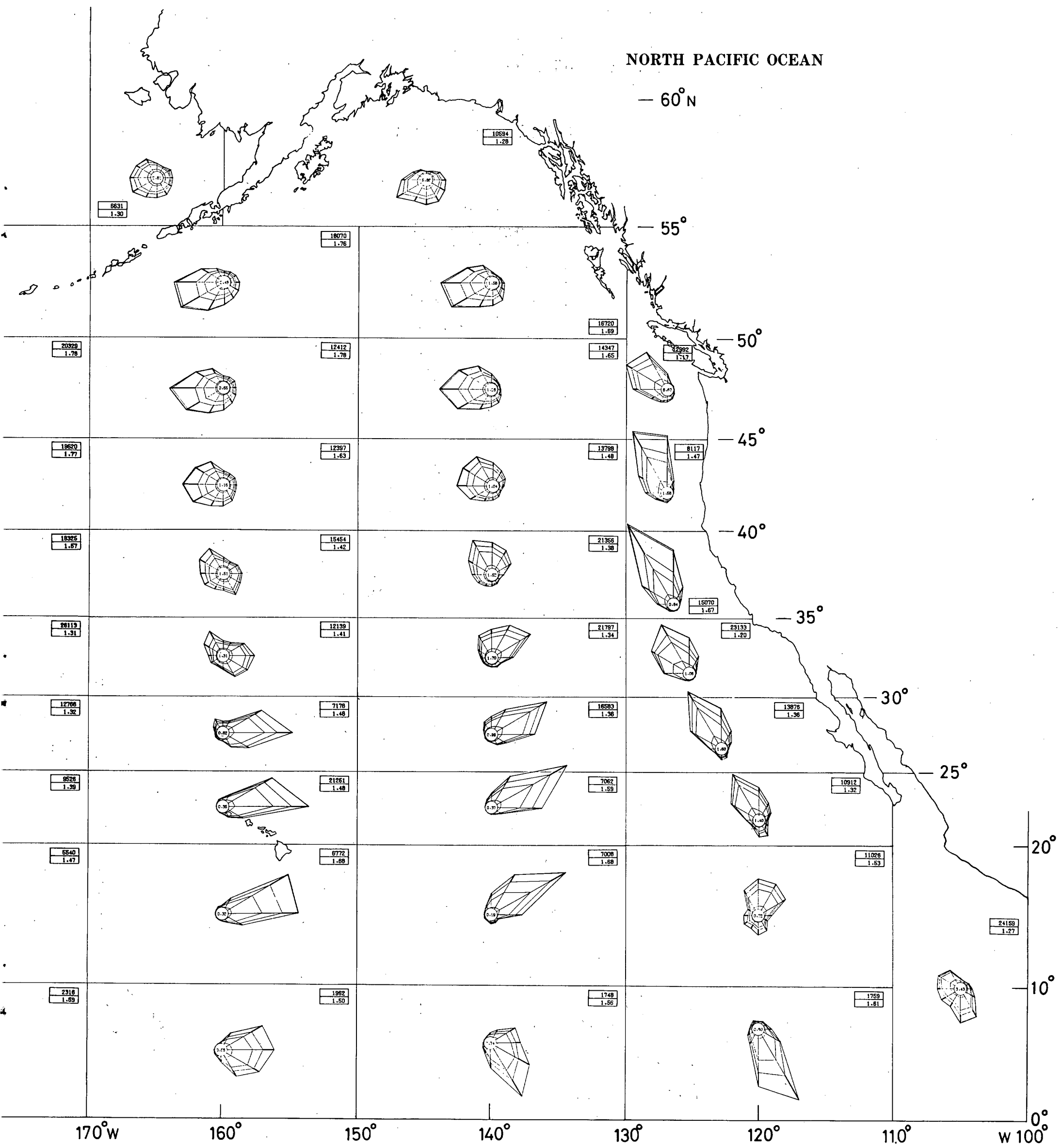




WAVE HEIGHT ROSE

SEASON:SUMMER

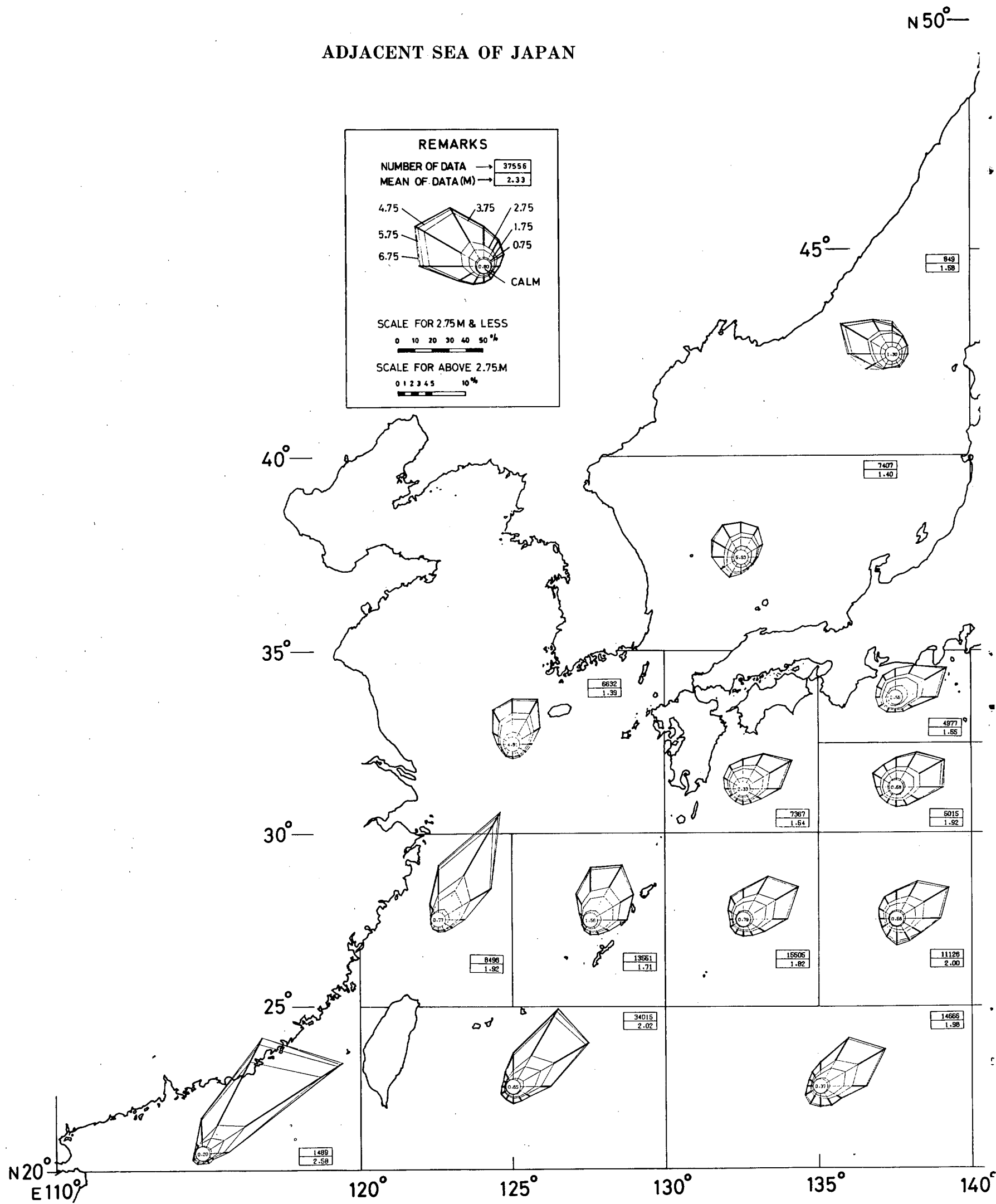


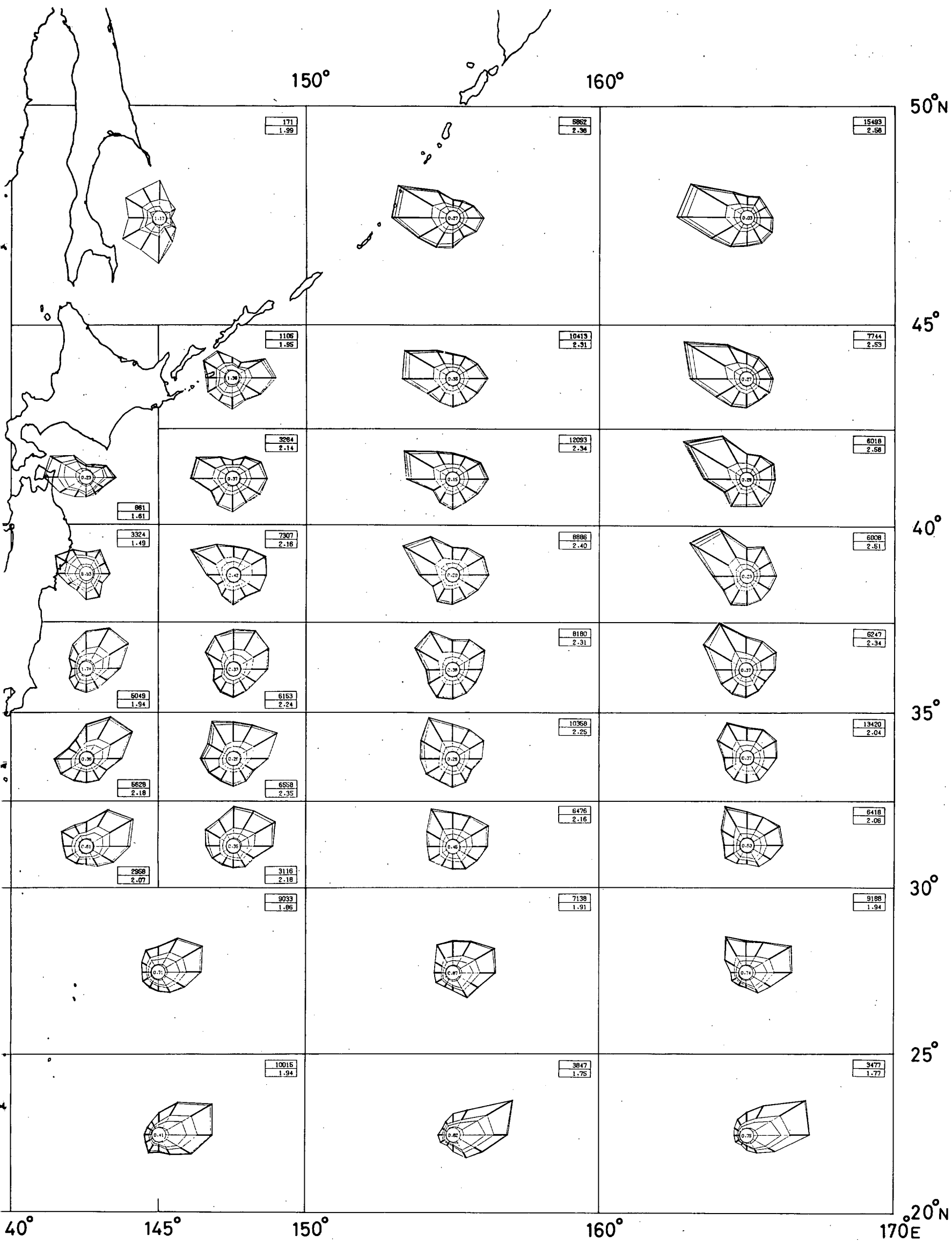


WAVE HEIGHT ROSE

SEASON:AUTUMN

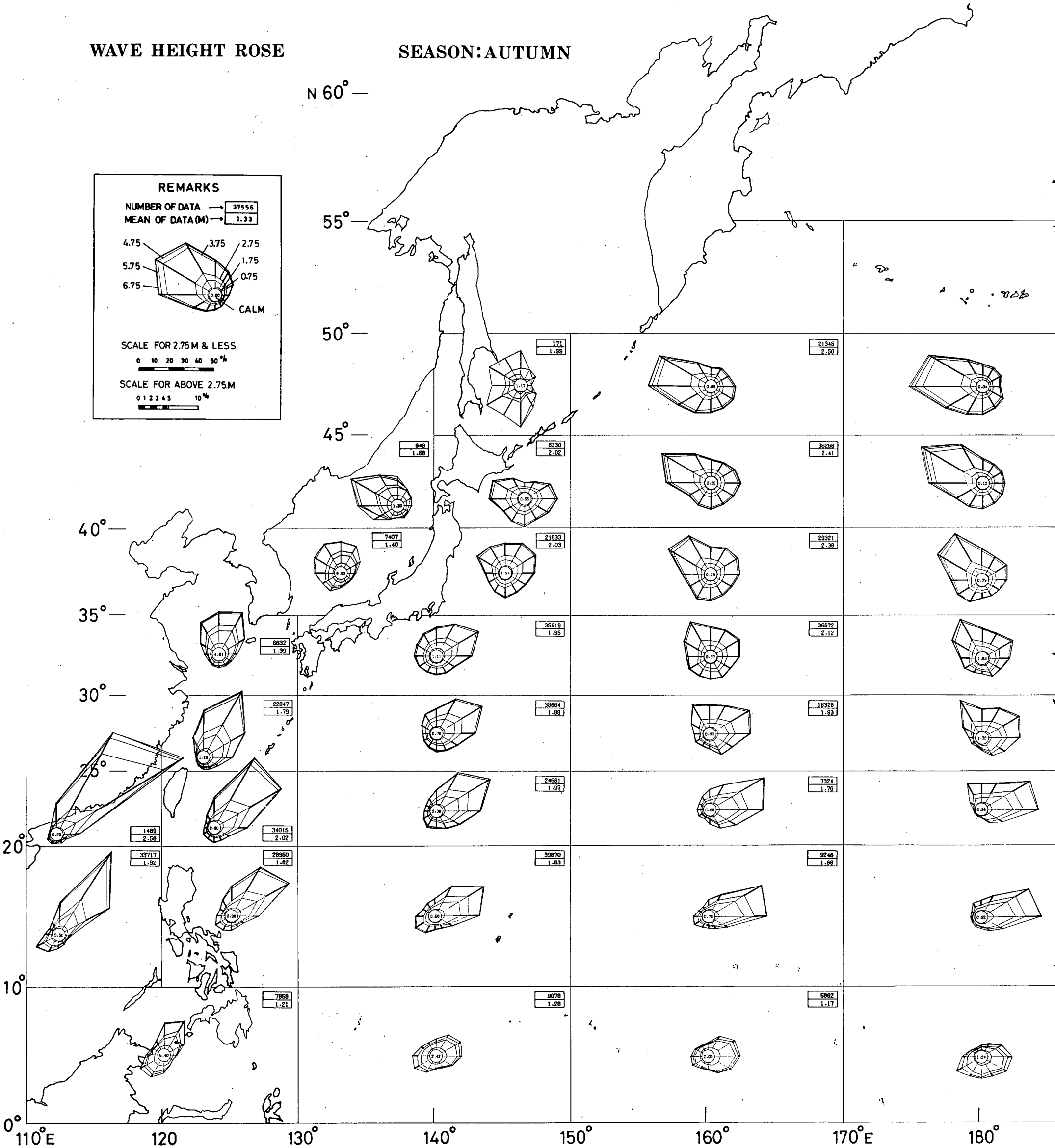
ADJACENT SEA OF JAPAN

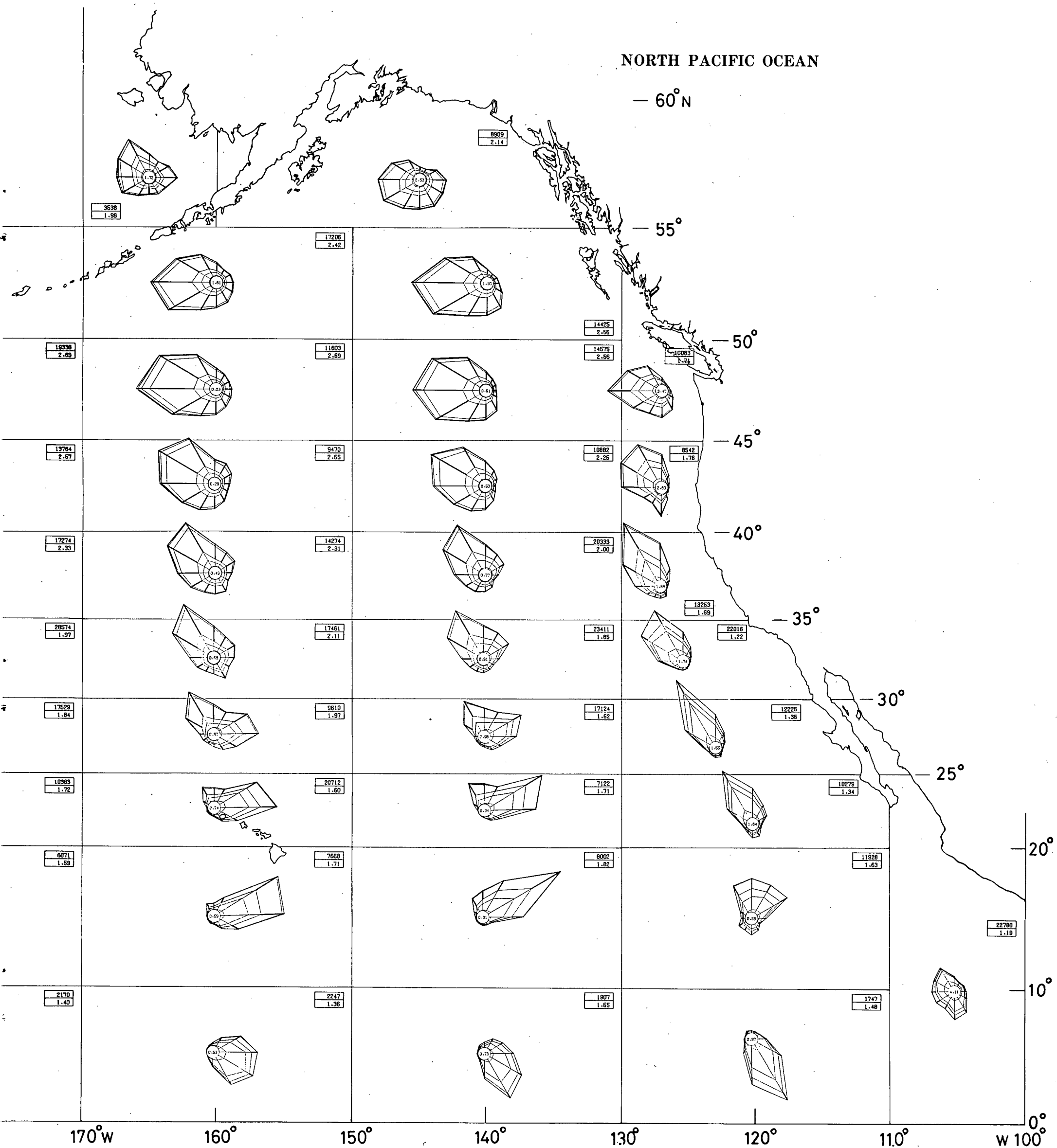




WAVE HEIGHT ROSE

SEASON:AUTUMN

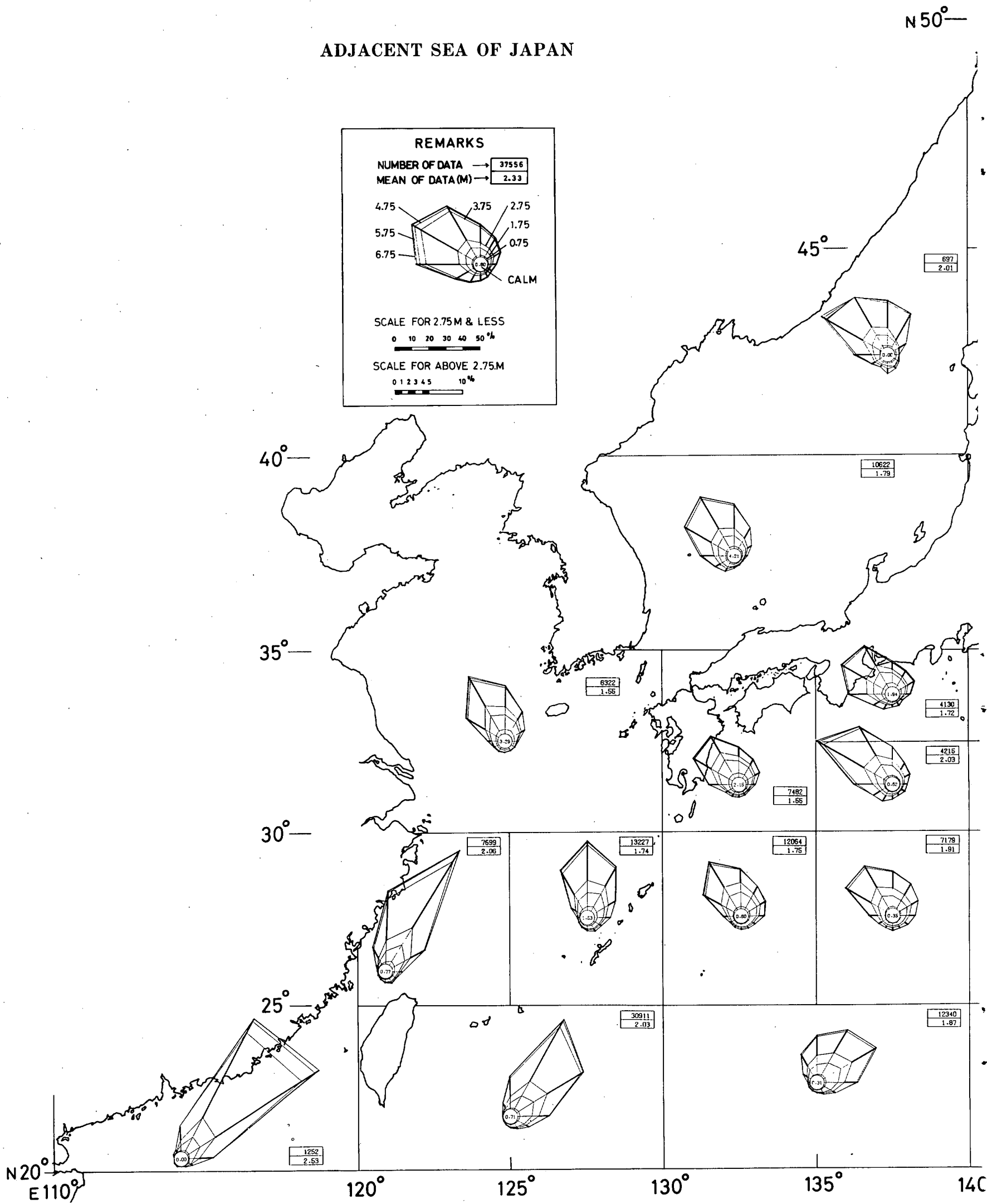


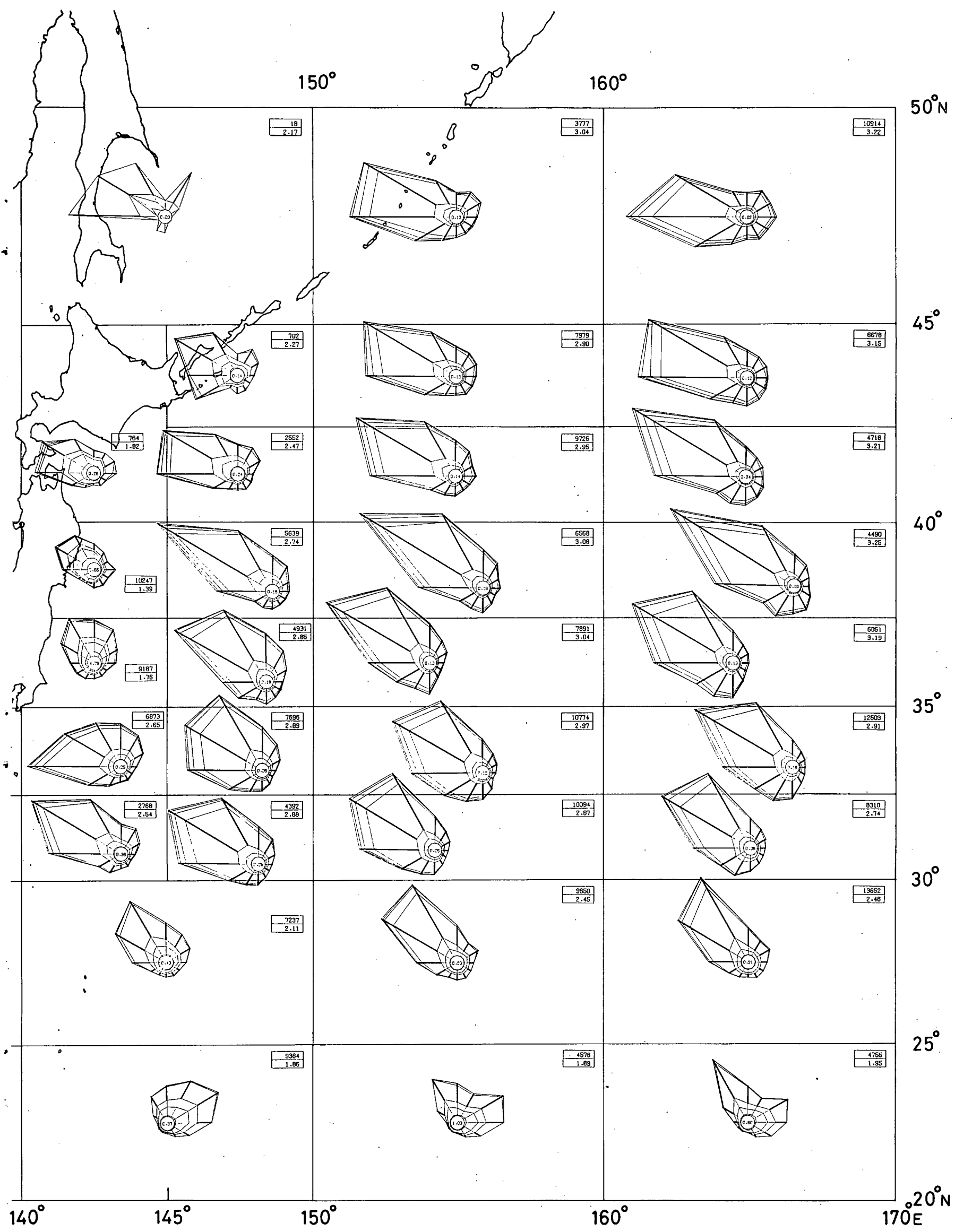


WAVE HEIGHT ROSE

SEASON: WINTER

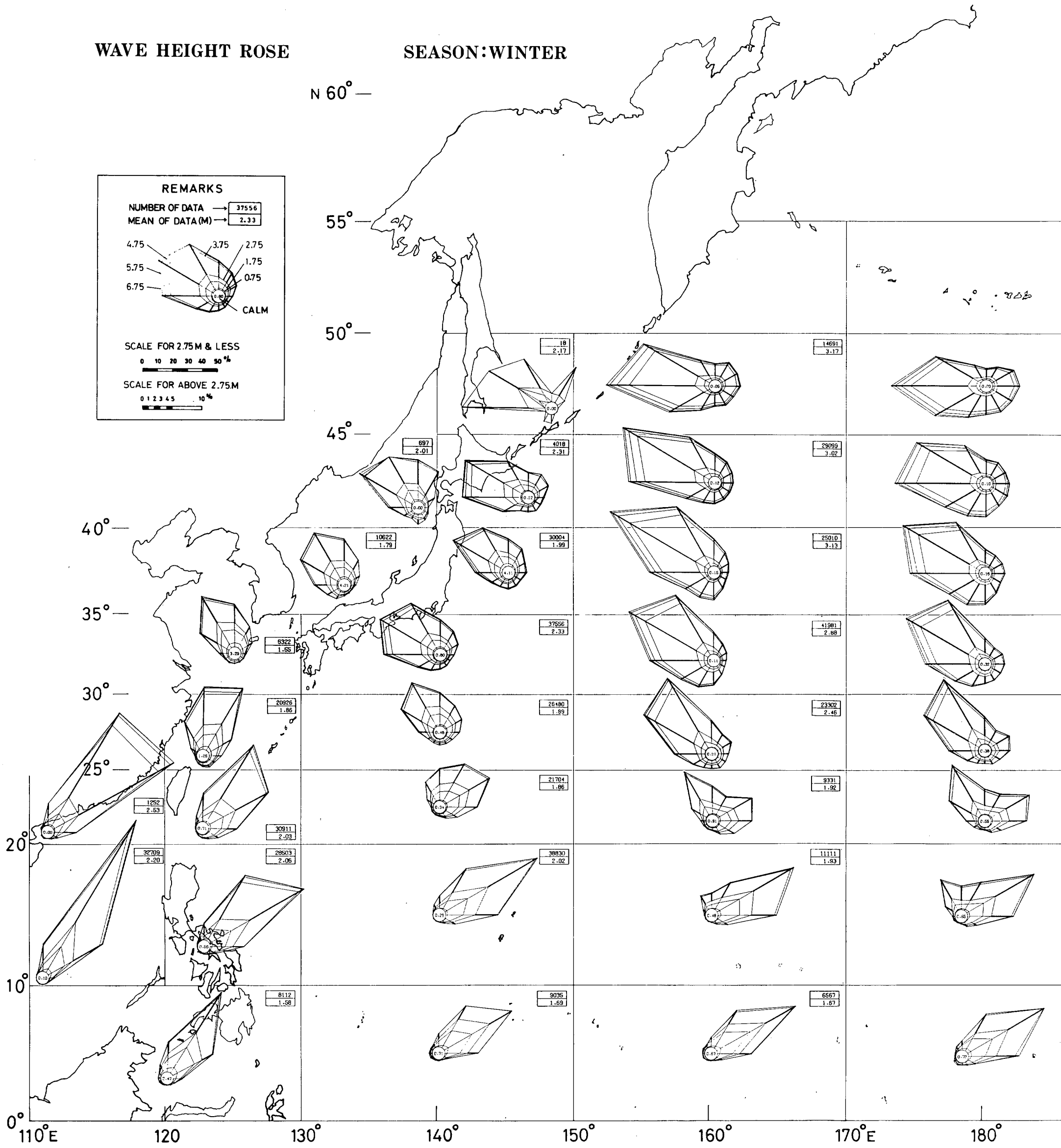
ADJACENT SEA OF JAPAN

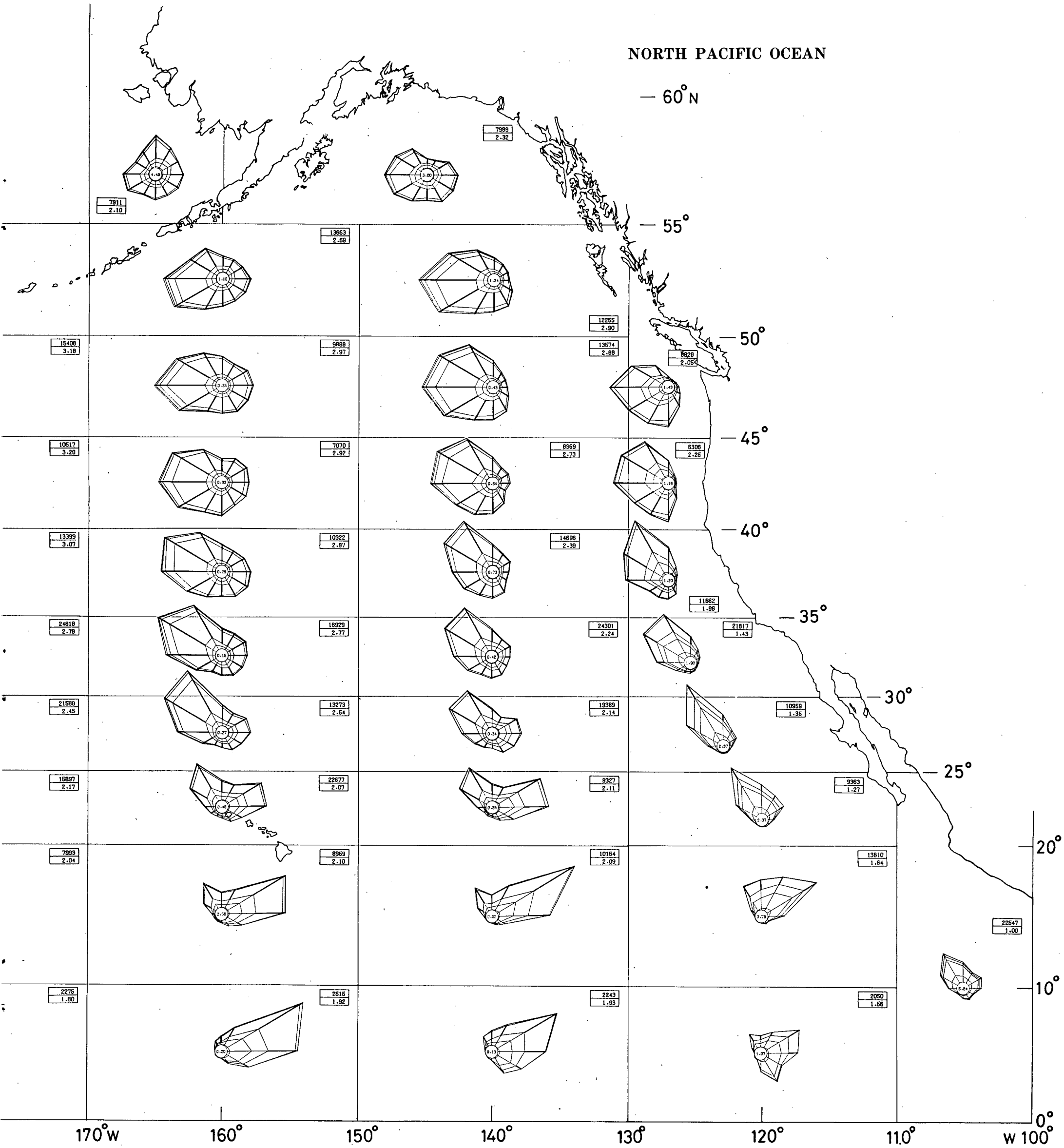




WAVE HEIGHT ROSE

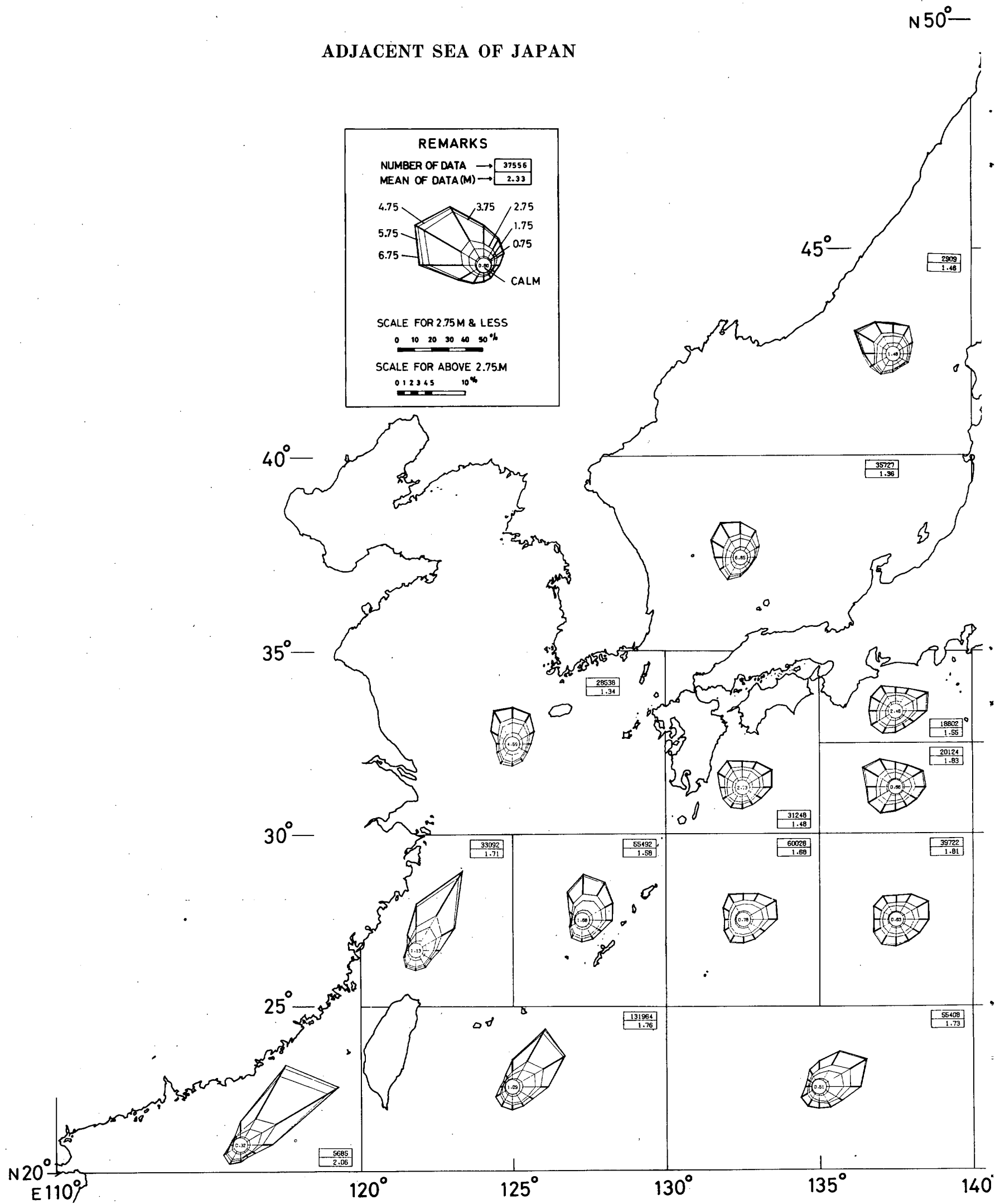
SEASON: WINTER

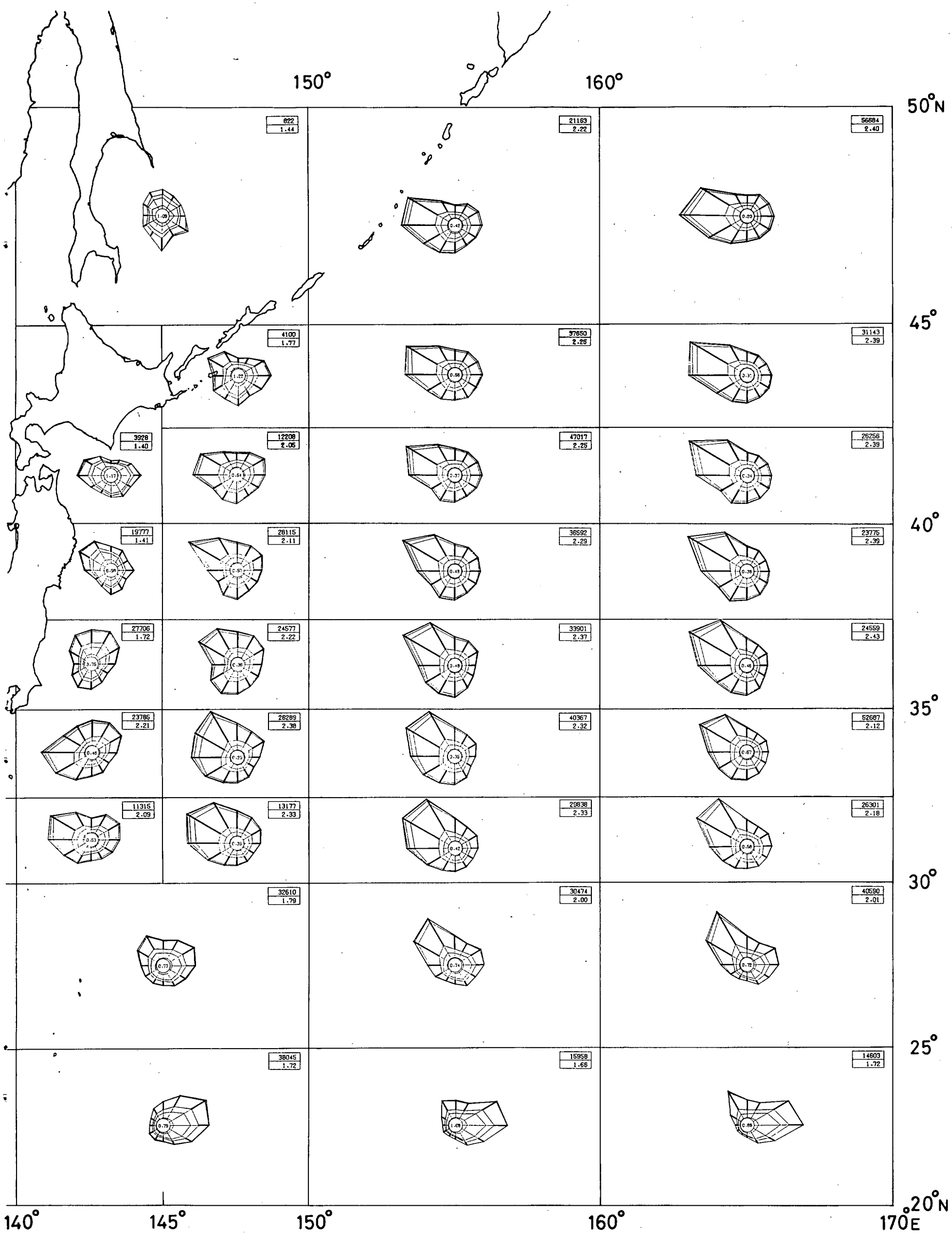




WAVE HEIGHT ROSE ALL SEASONS

ADJACENT SEA OF JAPAN





WAVE HEIGHT ROSE ALL SEASONS

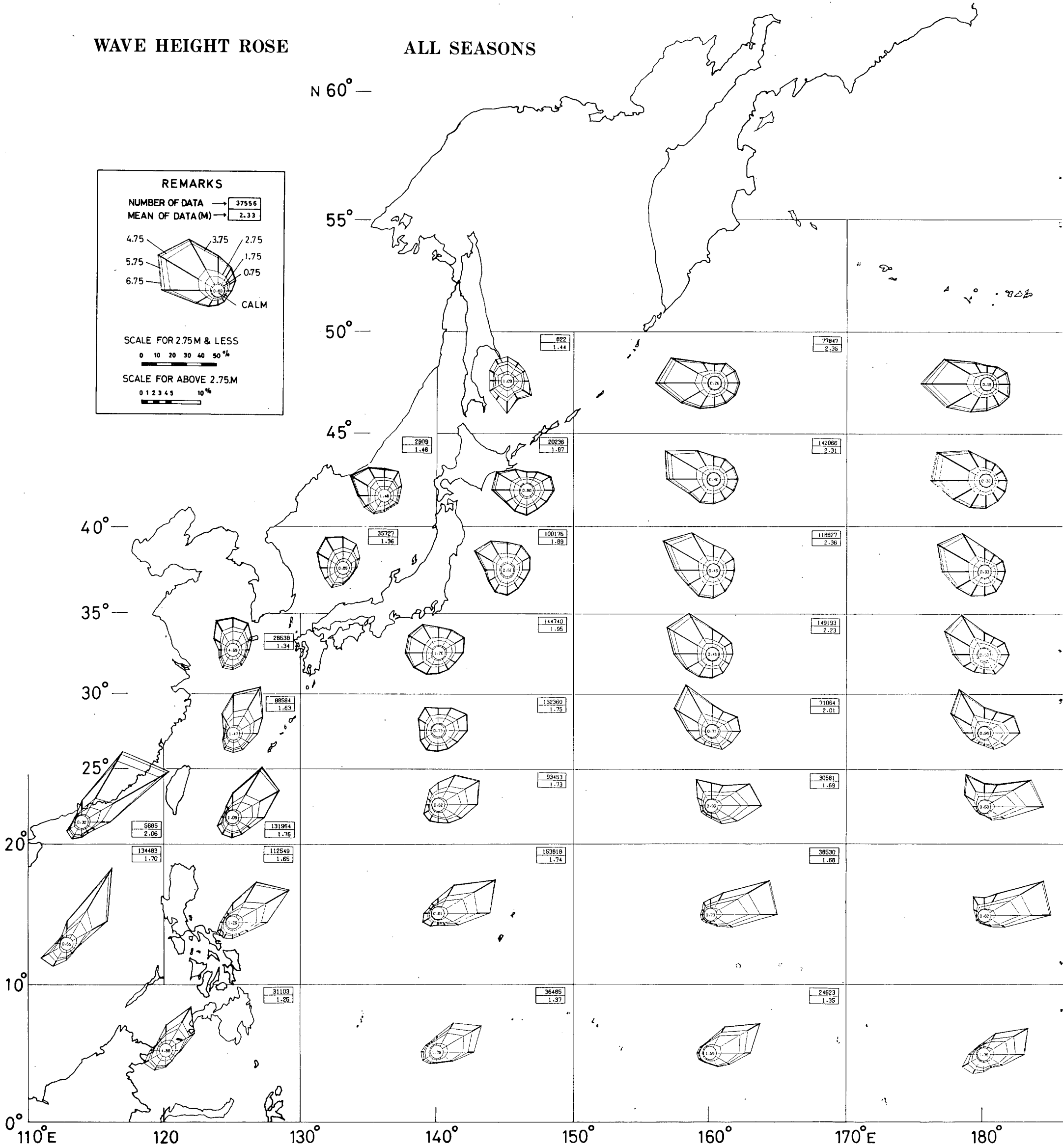
REMARKS

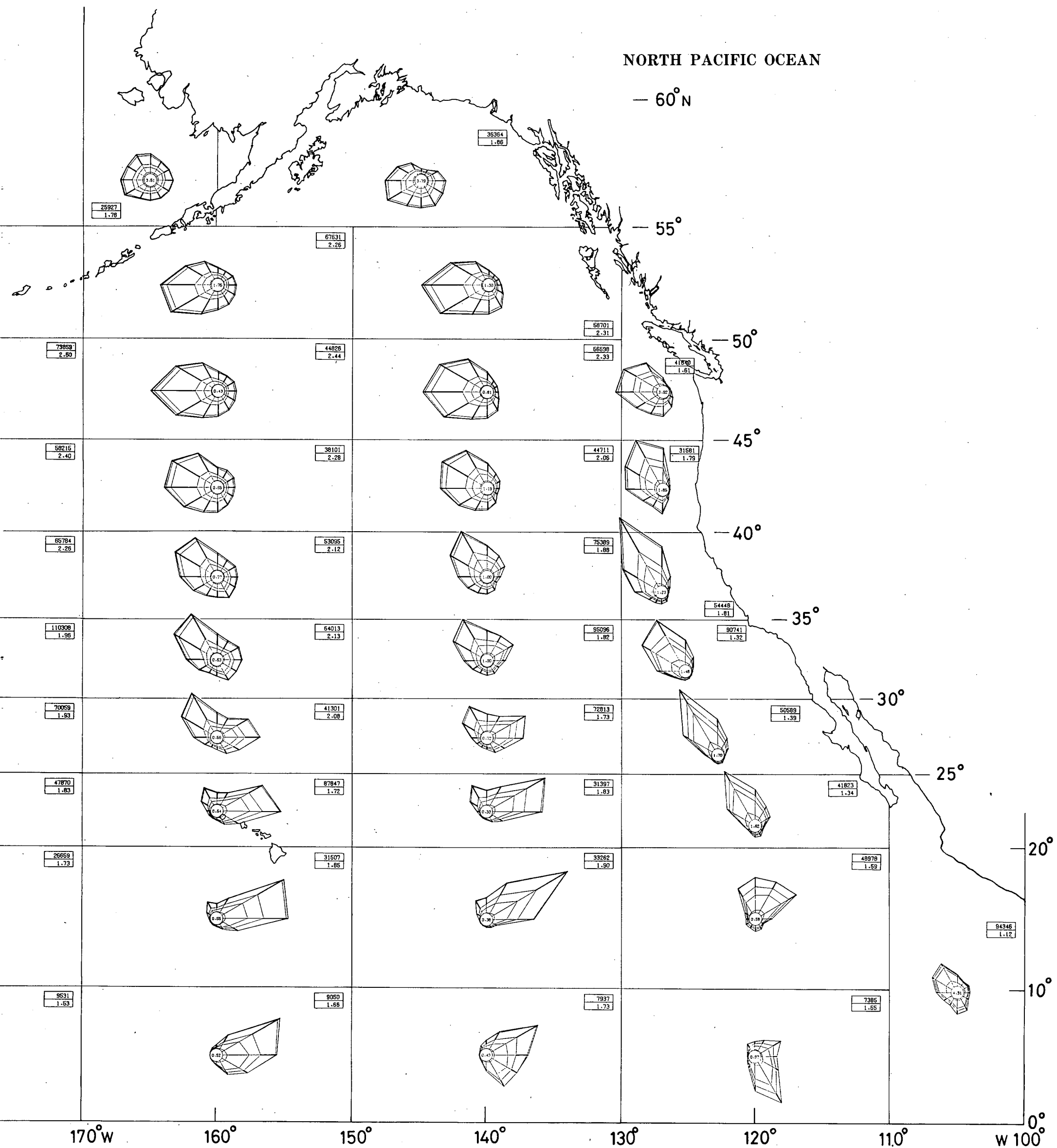
NUMBER OF DATA → 37556
MEAN OF DATA (M) → 2.33

4.75 3.75 2.75 1.75 0.75
5.75 6.75 CALM

SCALE FOR 2.75M & LESS
0 10 20 30 40 50 %

SCALE FOR ABOVE 2.75M
0 1 2 3 4 5 10 %





§ 8 Tables of Wave Height vs. Wave Period for Each Sub-Zones

WAVE HEIGHT – PERIOD

SEASON SPRING

AREA E01-E23,M03-M24W,M03-M28								
(00N-55N, 110E-110W)								
PERIOD (SEC)								
DATA NUMBER MEAN OF DATA 906317 1.87 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	83472	6301	2606	1851	188	182	4044	98644
0.75 -	233869	94269	39990	9161	6346	2575	2279	388489
1.75 -	72104	82645	59441	17264	7341	4115	1455	244365
2.75 -	18225	33858	31918	11410	6377	2550	521	104859
3.75 -	3816	9785	14398	5205	3576	1659	160	38599
4.75 -	493	2197	4367	1823	1406	531	60	10877
5.75 -	158	783	1769	998	1003	459	30	5200
6.75 -	110	1001	975	607	496	321	10	3520
7.75 -	65	196	345	209	287	144	1	1247
8.75 -	37	107	179	131	182	138	2	776
9.75 -	10	67	181	64	135	92	1	550
10.75 -	3	10	13	7	14	18		65
11.75 -		10	10	69	17	19		125
12.75 -		4	6	4	3			17
13.75 -		1	3	10	3			17
14.75 -		4	9	12	10	11		46
CALM	2811	48	27		2		6033	8921
TOTAL	415173	231286	156237	49825	27386	12814	14596	906317
MAX	11.50	20.00	20.00	20.00	16.50	16.50	10.00	20.00

AREA E03								
(40N-45N, 140E-145E)								
PERIOD (SEC)								
DATA NUMBER MEAN OF DATA 927 1.33 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	131	19	16			1	9	176
0.75 -	248	196	72	17	1	1		535
1.75 -	57	63	26	1	4	2		153
2.75 -	16	11	13	1	3	1		45
3.75 -	5		2					7
4.75 -		1						1
5.75 -								
6.75 -		1						1
7.75 -								
8.75 -	1							1
9.75 -						1		1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	458	291	129	19	8	6	16	927
MAX	9.00	7.00	4.00	3.00	3.00	10.00	.00	10.00

AREA E01								
(45N-50N, 140E-150E)								
PERIOD (SEC)								
DATA NUMBER MEAN OF DATA 122 1.86 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	11	10	3					24
0.75 -	21	12	2					35
1.75 -	18	10	9			1		38
2.75 -		13	6					19
3.75 -			2					2
4.75 -			2					2
5.75 -		1		1				2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM								
TOTAL	50	46	24	1		1		122
MAX	2.50	6.00	5.00	6.00		2.00		6.00

AREA E04N								
(42.5N-45N, 145E-150E)								
PERIOD (SEC)								
DATA NUMBER MEAN OF DATA 900 1.97 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	90	10	5				5	110
0.75 -	243	83	52	6	7	3		394
1.75 -	75	50	61	6	5	4		201
2.75 -	18	31	27	5	6	3		90
3.75 -	8	11	23	1	7	4		54
4.75 -		3	7	1	1			12
5.75 -	3	1	6	2		1		13
6.75 -		3	2	1	8			14
7.75 -		2	2		1			5
8.75 -					1	1		2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							5	5
TOTAL	437	194	195	22	36	16	10	900
MAX	6.50	8.00	8.50	7.00	9.00	9.00	.00	9.00

AREA E02N								
(40N-50N, 120E-140E)								
PERIOD (SEC)								
DATA NUMBER MEAN OF DATA 451 1.33 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	116	7	5				14	142
0.75 -	151	37	4		1	2		195
1.75 -	25	43	6	2				76
2.75 -	7	12	4	2				25
3.75 -	6	4			1			11
4.75 -			1					1
5.75 -								
6.75 -			1					1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM								
TOTAL	305	103	21	4	2	2	14	451
MAX	4.50	4.50	7.00	3.00	4.50	1.50	.00	7.00

AREA E04S								
(40N-42.5N, 145E-150E)								
PERIOD (SEC)								
DATA NUMBER MEAN OF DATA 3170 2.18 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	236	19	16	5		2	11	289
0.75 -	716	298	141	17	15	5		1192
1.75 -	269	323	184	57	19	7		859
2.75 -	106	160	114	36	30	9		455
3.75 -	25	51	79	23	16	11		205
4.75 -	5	18	24	6	3	3		59
5.75 -	1	5	9	7	7	7		36
6.75 -		10	22	4	5			41
7.75 -	1	5	6	3	4	3		22
8.75 -			1	1	1			3
9.75 -		1		1		3		5
10.75 -								
11.75 -					1			1
12.75 -								
13.75 -								
14.75 -								
CALM							3	3
TOTAL	1359	890	596	160	101	50	14	3170
MAX	8.00	10.00	9.50	10.00	12.50	10.00	.00	12.50

AREA E02S								
(35N-40N, 120E-140E)								
PERIOD (SEC)								
DATA NUMBER MEAN OF DATA 8357 1.35 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1703	71	30	19	4	5	84	1916
0.75 -	3084	615	127	31	12	23		3892
1.75 -	660	591	201	38	14	9		1513
2.75 -	90	228	155	19	15	3		510
3.75 -	10	63	66	16	6	3		164
4.75 -		6	9	5	3	2		25
5.75 -		1	4	2	1			8
6.75 -		5	2			3		10
7.75 -			1					1
8.75 -		1						1
9.75 -								
10.75 -		1						1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							316	316
TOTAL	5547	1582	595	130	55	48	400	8357
MAX	4.00	11.50	8.00	6.50	6.00	7.50	.00	11.50

AREA E05N									DATA NUMBER	3543
(37.5N-40N, 140E-145E)									MEAN OF DATA	1.54 M
		PERIOD (SEC)								
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -		541	27	11	8	2	3	26	618	
0.75 -		1053	276	128	17	21	16		1511	
1.75 -		297	280	151	24	27	13		792	
2.75 -		43	108	90	14	10	7		272	
3.75 -		5	26	31	8	7	3		80	
4.75 -		2	9	14	1	2			28	
5.75 -		1	3	9		4	3		20	
6.75 -		2	7	4					13	
7.75 -				3		1			4	
8.75 -		2	1	2					5	
9.75 -										
10.75 -										
11.75 -										
12.75 -										
13.75 -										
14.75 -										
CALM								200	200	
TOTAL		1946	737	443	72	74	45	226	3543	
MAX		9.00	9.00	9.50	5.00	8.00	6.00	.00	9.50	

WAVE HEIGHT - PERIOD

SEASON SPRING

AREA E05S (35N-37.5N, 140E-145E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 6826 1.81 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	770	10	11	21	3	2	33	850
0.75 -	2043	496	230	36	39	19		2863
1.75 -	747	546	327	79	38	31		1768
2.75 -	176	264	205	55	25	8		733
3.75 -	41	91	103	21	14	7		277
4.75 -	1	17	38	13	10	1		80
5.75 -	3	1	15	3	7	2		31
6.75 -	1	18	12	3		1		35
7.75 -	2	2	2	1	7			14
8.75 -	2		1	1	1	2		7
9.75 -	1	1			1			3
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							165	165
TOTAL	3787	1446	944	233	145	73	198	6826
MAX	10.00	10.00	9.00	9.00	10.00	9.00	.00	10.00

AREA E08 (30N-35N, 130E-135E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 7308 1.55 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1151	44	15	6	3	2	77	1298
0.75 -	2505	646	205	22	36	27		3441
1.75 -	750	546	275	31	24	17		1643
2.75 -	181	193	166	27	17	10		594
3.75 -	42	62	54	14	13	4		189
4.75 -	5	11	13	2	3	1		35
5.75 -	2	4	4	2	1			13
6.75 -	1	7	1	2				11
7.75 -			2	1				3
8.75 -				1	2			3
9.75 -								
10.75 -								
11.75 -								
12.75 -			1					1
13.75 -								
14.75 -								
CALM							77	77
TOTAL	4637	1513	736	108	99	61	154	7308
MAX	7.00	7.50	13.00	9.00	9.00	5.00	.00	13.00

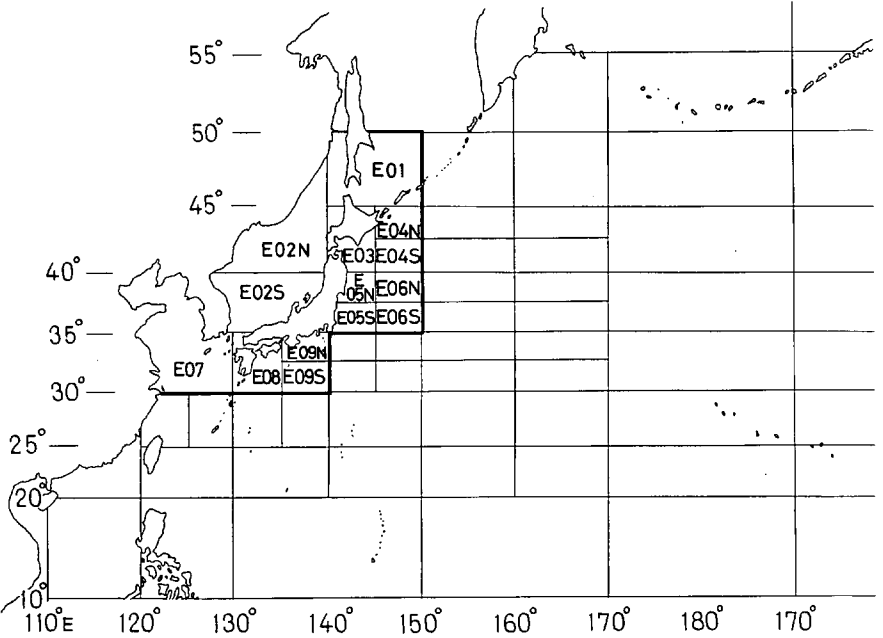
AREA E06N (37.5N-40N, 145E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 6964 2.19 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	477	13	8	7			26	531
0.75 -	1626	559	281	43	22	4		2535
1.75 -	793	652	399	139	37	22		2042
2.75 -	244	408	289	95	36	13		1085
3.75 -	62	118	175	38	38	20		451
4.75 -	7	25	45	16	20	6		119
5.75 -	3	11	17	8	11	9		59
6.75 -	1	35	15	11	11	6		79
7.75 -	5	3	4	6	1	4		23
8.75 -	3	2	1		6	4		16
9.75 -			7		2	2		11
10.75 -		1						1
11.75 -				1				1
12.75 -			2					2
13.75 -			1					1
14.75 -								
CALM							8	8
TOTAL	3221	1827	1244	354	184	90	34	6964
MAX	9.00	11.00	14.00	12.00	10.00	10.00	.00	14.00

AREA E09N (32.5N-35N, 135E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 4215 1.67 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	539	24	9	5	1		58	636
0.75 -	1396	407	112	15	10	12		1952
1.75 -	499	322	132	22	17	13		1005
2.75 -	143	138	95	20	9	3		408
3.75 -	26	45	44	13	5	7		140
4.75 -		6	10	2	3			21
5.75 -	1	1	2		1			5
6.75 -	2	6	4	2	1			15
7.75 -	1	2	2					5
8.75 -		1	1					2
9.75 -								
10.75 -								
11.75 -		1	1					2
12.75 -								
13.75 -								
14.75 -								
CALM							24	24
TOTAL	2607	953	412	79	47	35	82	4215
MAX	8.00	12.00	12.00	7.50	7.50	4.50	.00	12.00

AREA E06S (35N-37.5N, 145E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 6001 2.28 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	321	18	7	3	2	1	16	368
0.75 -	1337	442	173	26	41	18		2037
1.75 -	693	657	381	76	41	13		1861
2.75 -	239	376	316	77	25	8		1041
3.75 -	60	106	123	47	40	8		389
4.75 -	6	30	62	16	18			132
5.75 -	4	5	29	10	9	6		63
6.75 -	2	17	18	10	7	6		60
7.75 -	2	1	6	4	4	2		19
8.75 -	1	2	2	5	6	2		18
9.75 -		1	1	1	3			6
10.75 -		1	1					2
11.75 -					1			1
12.75 -								
13.75 -				1				1
14.75 -								
CALM							3	3
TOTAL	2665	1656	1124	276	197	64	19	6001
MAX	9.00	11.00	11.00	14.00	12.00	9.00	.00	14.00

AREA E09S (30N-32.5N, 135E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 4717 1.77 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	472	24	12	2	1		27	538
0.75 -	1474	488	186	26	20	17		2211
1.75 -	467	391	283	42	25	20		1228
2.75 -	139	167	132	40	19	5		502
3.75 -	22	51	54	22	8	13		170
4.75 -	5	7	16	4	2	1		35
5.75 -	3	2	6	1	2			14
6.75 -		4	1			1		6
7.75 -			1			1		2
8.75 -		2	1			2		5
9.75 -			1					1
10.75 -								
11.75 -			1	1				2
12.75 -								
13.75 -								
14.75 -								
CALM							3	3
TOTAL	2582	1136	694	138	77	60	30	4717
MAX	6.50	9.00	12.00	12.00	6.00	9.50	.00	12.00

AREA E07 (30N-40N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 6184 1.35 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1420	68	17	2	2	3	149	1661
0.75 -	2167	476	116	20	21	7		2807
1.75 -	497	385	147	33	14	10		1086
2.75 -	113	147	98	24	9	7		398
3.75 -	14	21	45	9	9	3		101
4.75 -	1	8	8	2	2			21
5.75 -	2	3	5	4	1	1		16
6.75 -	2	2	1	2		1		8
7.75 -			1					1
8.75 -								
9.75 -		2						2
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							83	83
TOTAL	4216	1112	438	96	58	32	232	6184
MAX	7.00	10.00	8.00	7.00	6.50	7.00	.00	10.00



WAVE HEIGHT - PERIOD

SEASON SPRING

AREA E10N		DATA NUMBER						
(32.5N-35N, 140E-145E)		MEAN OF DATA						
		6109						
		2.18 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	392	22	11	3	1		15	444
0.75 -	1565	375	195	25	19	17		2196
1.75 -	803	534	323	67	24	18		1769
2.75 -	326	347	256	57	33	11		1030
3.75 -	93	134	128	46	25	8		434
4.75 -	10	33	36	4	10	2		95
5.75 -	5	6	17	6	16	4		54
6.75 -	4	23	9	5	7	4		52
7.75 -	1	2	1	3				7
8.75 -	1	2	1		5			9
9.75 -		4	2					6
10.75 -			1					1
11.75 -		1		3				4
12.75 -								
13.75 -								
14.75 -								
CALM							8	8
TOTAL	3200	1483	980	219	140	64	23	6109
MAX	9.00	12.50	11.00	12.00	9.00	7.50	.00	12.50

AREA E12W		DATA NUMBER						
(25N-30N, 120E-125E)		MEAN OF DATA						
		8017						
		1.58 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1186	49	26	2	3	5	111	1382
0.75 -	2858	736	191	38	17	20		3860
1.75 -	801	604	272	71	18	13		1779
2.75 -	205	272	143	30	27	2		679
3.75 -	30	65	68	26	9	3		201
4.75 -	6	13	19	1	4			43
5.75 -	3		9	1	3	2		18
6.75 -	2	3	3	4	2			14
7.75 -	1	1	3		1			6
8.75 -	1		3					4
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							31	31
TOTAL	5093	1743	737	173	84	45	142	8017
MAX	9.00	8.00	9.00	7.50	8.00	6.50	.00	9.00

AREA E10S		DATA NUMBER						
(30N-32.5N, 140E-145E)		MEAN OF DATA						
		2302						
		2.09 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	106	9	5				5	125
0.75 -	562	224	97	18	9	11		921
1.75 -	239	249	168	38	12	12		718
2.75 -	61	154	105	25	8	5		358
3.75 -	14	33	54	10	7	1		119
4.75 -	1	5	10	1	4			21
5.75 -		4	10	3				17
6.75 -		7	5			1		13
7.75 -	2	4	1					7
8.75 -		2						2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							1	1
TOTAL	985	691	455	95	40	30	6	2302
MAX	8.00	9.50	8.00	6.50	5.50	7.50	.00	9.50

AREA E12E		DATA NUMBER						
(25N-30N, 125E-130E)		MEAN OF DATA						
		13278						
		1.50 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2068	76	24	3	6	3	94	2274
0.75 -	5043	1290	389	70	38	36		6866
1.75 -	1233	953	554	123	38	28		2929
2.75 -	233	301	186	55	31	4		810
3.75 -	35	64	96	24	9	9		237
4.75 -	5	8	34	6	2	4		59
5.75 -		7	6	2	1			16
6.75 -	1	1	3	2	4			11
7.75 -		2	2		1			5
8.75 -			1	1	2	1		5
9.75 -		1	1					2
10.75 -			1					1
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -		1						1
CALM							60	60
TOTAL	8618	2704	1297	288	132	85	154	13278
MAX	7.00	17.50	11.00	12.00	9.00	9.00	.00	17.50

AREA E11N		DATA NUMBER						
(32.5N-35N, 145E-150E)		MEAN OF DATA						
		6900						
		2.31 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	303	10	5	5			17	340
0.75 -	1628	456	214	35	15	17		2365
1.75 -	828	601	506	105	34	24		2098
2.75 -	361	379	376	128	48	20		1312
3.75 -	78	123	166	42	25	10		444
4.75 -	7	44	53	21	16	6		147
5.75 -	3	8	24	17	15	5		72
6.75 -	7	29	22	8	5	3		74
7.75 -	2		3	9	5	2		21
8.75 -		3	2	4	1			10
9.75 -	1	1	2		4			8
10.75 -								
11.75 -		1		1				2
12.75 -		1						1
13.75 -								
14.75 -								
CALM							6	6
TOTAL	3218	1656	1373	375	168	87	23	6900
MAX	10.00	13.50	10.00	12.00	10.00	8.00	.00	13.50

AREA E13W		DATA NUMBER						
(25N-30N, 130E-135E)		MEAN OF DATA						
		13736						
		1.52 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1709	89	32	21	3	5	61	1920
0.75 -	4903	1758	616	87	57	49		7470
1.75 -	1141	1098	788	121	60	40		3248
2.75 -	177	307	232	42	40	9		807
3.75 -	31	73	70	11	10	1		196
4.75 -	4	21	14	5	3	4		51
5.75 -	1	6		2	1	5		15
6.75 -		2	1	1				4
7.75 -		1						1
8.75 -								
9.75 -			1					1
10.75 -	1							1
11.75 -				3				3
12.75 -								
13.75 -								
14.75 -		1						1
CALM							18	18
TOTAL	7967	3356	1754	293	174	113	79	13736
MAX	11.00	17.00	10.00	12.00	6.00	6.50	.00	17.00

AREA E11S		DATA NUMBER						
(30N-32.5N, 145E-150E)		MEAN OF DATA						
		3180						
		2.23 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	178	7	6	8		1	13	213
0.75 -	754	180	120	17	18	9		1098
1.75 -	374	311	219	60	14	16		994
2.75 -	104	166	183	36	19	11		519
3.75 -	25	62	87	36	12	7		229
4.75 -		12	20		5	1		38
5.75 -	2	3	18	2	5			30
6.75 -		6	5	2	3	2		18
7.75 -		3	12			1		16
8.75 -		4	5	2	1			12
9.75 -			5					5
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	1437	754	680	164	77	48	20	3180
MAX	6.00	9.50	10.00	12.00	9.50	8.00	.00	12.00

AREA E13E		DATA NUMBER 8264						
(25N-30N, 135E-140E)		MEAN OF DATA 1.64 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	827	44	25	11	5	5	53	970
0.75 -	2542	1057	476	56	52	21		4204
1.75 -	657	786	569	86	36	33		2167
2.75 -	97	304	229	34	21	4		689
3.75 -	14	56	75	11	14	5		175
4.75 -	1	16	8					25
5.75 -	1	1	4	1		2		9
6.75 -		1	4	1				6
7.75 -						1		1
8.75 -								
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							17	17
TOTAL	4139	2265	1390	201	128	71	70	8264
MAX	6.00	7.00	7.50	12.00	4.50	8.00	.00	12.00

WAVE HEIGHT - PERIOD

SEASON SPRING

AREA E14 (25N-30N, 140E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 8016 1.71 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	675	37	27	20	8	1	46	814
0.75 -	2454	950	525	63	57	42		4091
1.75 -	636	689	452	93	54	43		1967
2.75 -	119	288	290	55	34	21		807
3.75 -	39	69	90	36	13	7		254
4.75 -	2	8	16	11	1			38
5.75 -	1	4	2	2	6	1		16
6.75 -			1	3		1		5
7.75 -		1						1
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							23	23
TOTAL	3926	2046	1403	283	173	116	69	8016
MAX	6.50	8.00	7.00	7.00	6.00	7.00	.00	8.00

AREA E18 (20N-25N, 140E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 9217 1.59 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	979	65	24	13	2	4	56	1143
0.75 -	2845	1284	604	81	67	43		4924
1.75 -	568	847	567	93	51	34		2160
2.75 -	80	304	244	44	21	4		697
3.75 -	19	64	87	14	12	9		205
4.75 -		15	8	4	10	3		40
5.75 -		8	1			1		10
6.75 -								
7.75 -					1	1		2
8.75 -								
9.75 -								
10.75 -		1						1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							35	35
TOTAL	4491	2588	1535	249	164	99	91	9217
MAX	4.50	11.00	6.00	5.50	8.50	8.50	.00	11.00

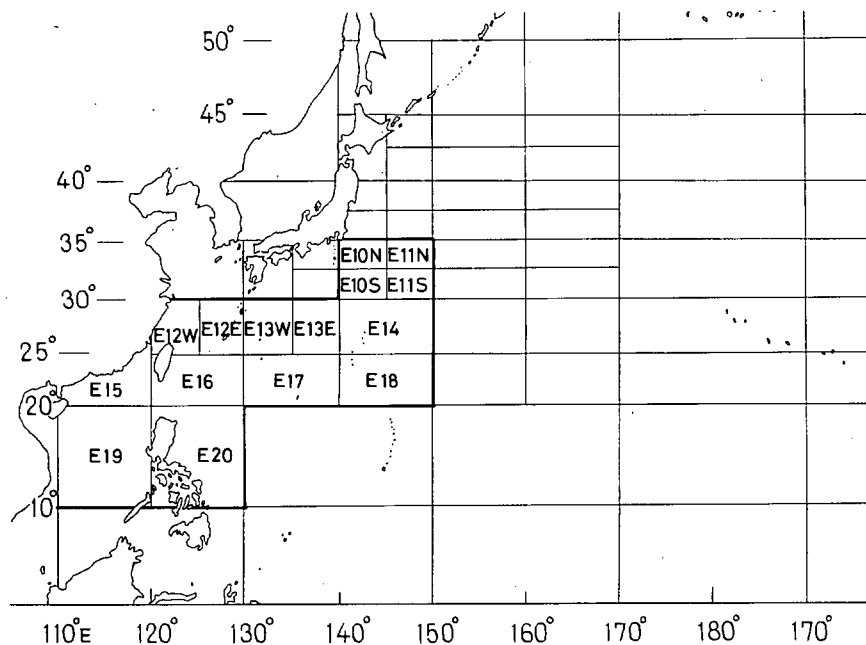
AREA E15 (20N-30N, 110E-120E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 1410 1.87 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	202	12	3	2			5	224
0.75 -	370	130	38	6	3	2		549
1.75 -	147	125	61	18	7	1		359
2.75 -	42	60	58	16	2			178
3.75 -	11	9	19	7	3	6		55
4.75 -	1	3	4			2		10
5.75 -		2	6	1				9
6.75 -		2	5		5	2		14
7.75 -		3	3		1			7
8.75 -		1						1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							4	4
TOTAL	773	347	197	50	21	13	9	1410
MAX	5.00	9.00	8.50	6.50	8.50	7.50	.00	9.00

AREA E19 (10N-20N, 110E-120E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 32309 1.25 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	9784	366	99	18	23	13	209	10512
0.75 -	10641	3295	767	85	66	47		14901
1.75 -	1828	1424	927	210	37	45		4471
2.75 -	485	462	430	75	56	12		1520
3.75 -	77	154	243	27	49	26		576
4.75 -	6	34	62	20	8	2		132
5.75 -		7	16	6	12	1		42
6.75 -	2	8	3	7	10	1		31
7.75 -	2		1		8	2		13
8.75 -					3			3
9.75 -	1	1			5			7
10.75 -		2						2
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							97	97
TOTAL	22826	5753	2548	450	277	149	306	32309
MAX	10.00	11.00	8.00	12.00	10.00	8.50	.00	12.00

AREA E16 (20N-25N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 31423 1.49 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	4430	184	80	27	15	11	268	5015
0.75 -	12138	3435	1074	165	152	90		17054
1.75 -	2533	2226	1355	243	125	65		6547
2.75 -	540	680	492	149	77	15		1953
3.75 -	65	188	203	43	33	9		541
4.75 -	12	16	49	8	12	3		100
5.75 -	2	14	27	8	6	4		61
6.75 -	1	13	4	5	5	4		32
7.75 -		1	7	1	6	1		16
8.75 -			2					2
9.75 -			2					2
10.75 -								
11.75 -		1		1				2
12.75 -								
13.75 -								
14.75 -								
CALM							98	98
TOTAL	19721	6758	3295	650	431	202	366	31423
MAX	7.50	12.50	10.00	12.00	8.00	8.50	.00	12.50

AREA E20 (10N-20N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 25903 1.40 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	4594	209	66	26	12	20	321	5248
0.75 -	9466	2941	1025	174	133	53		13792
1.75 -	1544	1897	1168	183	99	64		4955
2.75 -	263	458	327	98	82	22		1250
3.75 -	56	103	143	57	30	21		410
4.75 -	3	38	33	8	8	4		94
5.75 -	1	6	12		1	1		21
6.75 -		2	6		2			10
7.75 -			1	3		1		5
8.75 -			1	3				4
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							114	114
TOTAL	15927	5654	2782	552	367	186	435	25903
MAX	6.50	7.00	9.00	9.00	7.00	8.50	.00	9.00

AREA E17 (20N-25N, 130E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 13571 1.48 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1795	112	32	18	7	7	89	2060
0.75 -	4877	1652	709	69	79	44		7430
1.75 -	871	1177	780	120	48	33		3029
2.75 -	91	356	239	43	40	16		785
3.75 -	13	87	69	10	12	2		193
4.75 -	2	14	14	2	6			38
5.75 -			3					3
6.75 -	1		3	1				5
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							27	27
TOTAL	7650	3398	1849	264	192	102	116	13571
MAX	7.50	5.00	7.00	12.00	5.50	4.00	.00	12.00



WAVE HEIGHT - PERIOD

SEASON SPRING

AREA E21								
(10N-20N, 130E-150E)								
			PERIOD (SEC)		DATA NUMBER		MEAN OF DATA	
							36467	
							1.62 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3550	223	110	64	15	9	192	4163
0.75 -	11949	4598	1917	242	217	110		19033
1.75 -	2664	3738	2521	368	211	90		9592
2.75 -	348	1224	947	161	103	32		2815
3.75 -	37	219	302	38	42	10		648
4.75 -	7	35	42	9	8	10		111
5.75 -			17	3	1			21
6.75 -	1	10	12	2	2	1		28
7.75 -		2	1					3
8.75 -			3					3
9.75 -								
10.75 -	1							1
11.75 -		1		1				2
12.75 -								
13.75 -								
14.75 -		1						1
CALM							46	46
TOTAL	18557	10051	5872	888	599	262	238	36467
MAX	11.00	20.00	9.00	12.00	7.50	7.50	.00	20.00

AREA M04								
(45N-50N, 160E-170E)								
			PERIOD (SEC)		DATA NUMBER		MEAN OF DATA	
							14923	
							2.43 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	606	63	23	9	2	1	25	729
0.75 -	3053	1039	529	90	27	10		4748
1.75 -	1536	1304	1140	296	91	26		4393
2.75 -	619	939	791	259	217	47		2872
3.75 -	147	345	509	148	121	30		1300
4.75 -	14	66	202	34	37	18		371
5.75 -	5	24	55	32	43	17		176
6.75 -	1	60	56	25	26	6		174
7.75 -	5	11	27	10	18	2		73
8.75 -	2	4	8	6	6	1		27
9.75 -		10	11	4	8	3		36
10.75 -					2	3		5
11.75 -				5				5
12.75 -								
13.75 -		1						1
14.75 -						1		1
CALM							12	12
TOTAL	5988	3866	3351	918	598	165	37	14923
MAX	9.00	14.50	10.00	12.50	11.00	15.00	.00	15.00

AREA E22								
(00N-10N, 110E-130E)								
			PERIOD (SEC)		DATA NUMBER		MEAN OF DATA	
							6701	
							1.09 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2101	93	20	15	7	4	114	2354
0.75 -	2028	673	250	31	40	19		3041
1.75 -	275	321	196	31	10	8		841
2.75 -	34	108	59	14	1	3		219
3.75 -	6	19	25	3	2			55
4.75 -		1	2		3			6
5.75 -		2			3			5
6.75 -			1					1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							179	179
TOTAL	4444	1217	553	94	66	34	293	6701
MAX	4.00	6.00	7.00	4.00	6.00	3.00	.00	7.00

AREA M05W								
(45N-50N, 170E-170W)								
			PERIOD (SEC)		DATA NUMBER		MEAN OF DATA	
							18702	
							2.51 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	664	24	18	12	1	2	26	747
0.75 -	3582	1206	653	77	46	33		5597
1.75 -	1829	1653	1432	396	151	66		5527
2.75 -	822	1303	1073	333	244	93		3868
3.75 -	171	406	720	192	150	75		1714
4.75 -	21	102	263	65	77	20		548
5.75 -	5	37	130	55	61	15		303
6.75 -	5	62	58	29	32	20		206
7.75 -	2	9	24	9	32	5		81
8.75 -	1	15	6	11	14	1		48
9.75 -		4	13	1	14	5		37
10.75 -		3						3
11.75 -			1	5	1			7
12.75 -					1			
13.75 -				2				3
14.75 -		1	3	1				5
CALM							8	8
TOTAL	7102	4825	4394	1188	824	335	34	18702
MAX	9.00	15.00	20.00	15.00	14.00	10.00	.00	20.00

AREA E23								
(00N-10N, 130E-150E)								
			PERIOD (SEC)		DATA NUMBER		MEAN OF DATA	
							8856	
							1.44 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1180	76	46	27	2	7	42	1380
0.75 -	2615	1523	640	62	45	41		4926
1.75 -	477	844	535	83	41	13		1993
2.75 -	71	167	190	16	12	2		448
3.75 -	3	35	26	2	1			67
4.75 -				1				1
5.75 -								
6.75 -			1					1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							40	40
TOTAL	4346	2645	1428	191	101	63	82	8856
MAX	4.00	4.50	7.00	5.50	4.00	3.50	.00	7.00

AREA M06N								
(42.5N-45N, 150E-160E)								
			PERIOD (SEC)		DATA NUMBER		MEAN OF DATA	
							9860	
							2.33 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	490	36	17	11		2	31	587
0.75 -	2190	728	338	46	25	15		3342
1.75 -	1037	923	684	190	49	25		2908
2.75 -	375	558	515	145	94	34		1721
3.75 -	96	190	282	84	61	27		740
4.75 -	7	46	87	18	37	9		204
5.75 -	12	9	38	25	14	16		114
6.75 -	5	48	29	21	15	11		129
7.75 -	3	13	4	4	4	8		36
8.75 -		9	2	1	3	11		26
9.75 -	1	1	8	2	4	2		18
10.75 -					1	3		4
11.75 -		1		2	1	1		5
12.75 -								
13.75 -					1			1
14.75 -					6			6
CALM							19	19
TOTAL	4216	2562	2004	549	315	164	50	9860
MAX	10.00	12.00	10.50	12.00	15.00	12.00	.00	15.00

AREA M03								DATA NUMBER	5187
(45N-50N, 150E-160E)		PERIOD (SEC)						MEAN OF DATA	2.33 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	305	21	13	4		1	11	355	
0.75 -	1171	437	150	24	13	4		1799	
1.75 -	530	448	344	83	35	16		1456	
2.75 -	164	309	216	71	54	11		825	
3.75 -	35	136	159	18	45	9		402	
4.75 -		35	65	15	12	4		131	
5.75 -	1	23	28	13	11	3		79	
6.75 -	1	45	37	3	6			92	
7.75 -		1	10		2			13	
8.75 -	1	2	4		2			9	
9.75 -			4	1	6	1		12	
10.75 -				1	2			3	
11.75 -				1				1	
12.75 -									
13.75 -									
14.75 -									
CALM							10	10	
TOTAL	2208	1457	1030	234	188	49	21	5187	
MAX	9.00	9.00	10.00	12.00	11.00	10.00	.00	12.00	

WAVE HEIGHT - PERIOD

SEASON SPRING

AREA M07N

(42.5N-45N, 160E-170E)

DATA NUMBER
MEAN OF DATA 7271
2.48 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	255	16	9			2	13	295
0.75 -	1488	494	234	33	6	19		2274
1.75 -	805	635	620	150	46	14		2270
2.75 -	323	367	421	136	73	30		1350
3.75 -	56	136	209	91	70	27		589
4.75 -	7	48	55	20	31	7		168
5.75 -	6	14	54	22	11	3		110
6.75 -	9	52	28	7	8	6		110
7.75 -	2	2	14	3	2	5		28
8.75 -		3	10	10	12	3		38
9.75 -		5	13	2	2	1		23
10.75 -					1			1
11.75 -		1		1		2		4
12.75 -					1			1
13.75 -								
14.75 -			1	2	1			4
CALM							6	6
TOTAL	2951	1773	1668	477	264	119	19	7271
MAX	8.50	12.00	15.00	15.00	15.00	12.00	.00	15.00

AREA M09S

(35N-37.5N, 150E-160E)

DATA NUMBER
MEAN OF DATA 3855
2.48 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	360	14	11	11	2	1	34	433
0.75 -	1720	605	217	42	27	11		2622
1.75 -	1115	830	582	133	79	28		2767
2.75 -	345	556	537	111	82	31		1662
3.75 -	109	222	309	81	36	45		802
4.75 -	11	37	94	41	31	10		224
5.75 -	9	17	50	16	33	5		130
6.75 -	8	28	31	13	15	12		107
7.75 -	8	2	13	5	9	4		41
8.75 -	11	4	5	8	3	8		39
9.75 -		3	8	1	2			14
10.75 -				1				1
11.75 -			1	2		1		4
12.75 -								
13.75 -			2					2
14.75 -				2				2
CALM							5	5
TOTAL	3696	2318	1860	467	319	156	39	8855
MAX	9.00	10.00	14.00	15.00	10.00	12.00	.00	15.00

AREA M07S

(40N-42.5N, 160E-170E)

DATA NUMBER
MEAN OF DATA 6296
2.51 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	167	5	3	1			11	187
0.75 -	1182	399	179	29	17	26		1832
1.75 -	712	637	540	142	53	20		2104
2.75 -	258	418	372	101	54	11		1214
3.75 -	65	137	177	65	60	15		519
4.75 -	1	29	72	37	33	4		176
5.75 -	5	16	56	36	15	5		133
6.75 -	2	11	28	9	11	7		68
7.75 -	3	12	11	1	5			32
8.75 -	1	2	4	3	2	4		16
9.75 -			5		2	1		8
10.75 -			1					1
11.75 -					1	2		3
12.75 -								
13.75 -								
14.75 -								
CALM							3	3
TOTAL	2396	1666	1448	424	253	95	14	6296
MAX	9.00	9.00	11.00	9.50	12.50	12.00	.00	12.50

AREA M10N

(37.5N-40N, 160E-170E)

DATA NUMBER
MEAN OF DATA 5870
2.43 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	238	6	6	9	2	1	10	272
0.75 -	1112	434	181	27	14	13		1781
1.75 -	708	563	421	78	32	23		1825
2.75 -	240	351	336	117	62	20		1126
3.75 -	73	132	205	71	28	20		529
4.75 -	7	22	81	19	15	8		152
5.75 -		7	29	19	7	2		64
6.75 -	6	23	9	9	12	8		67
7.75 -	1	8		6	9	1		25
8.75 -		1	1	2	4			8
9.75 -			2	1	1	1		5
10.75 -					1			1
11.75 -				6		1		7
12.75 -								
13.75 -								
14.75 -								
CALM							8	8
TOTAL	2385	1547	1271	364	187	98	18	5870
MAX	8.00	9.00	10.00	12.00	11.00	12.00	.00	12.00

AREA M08W

(40N-45N, 170E-170W)

DATA NUMBER
MEAN OF DATA 14091
2.48 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	472	22	16	28	1		29	568
0.75 -	2643	922	454	82	52	40		4193
1.75 -	1525	1290	1175	274	94	30		4388
2.75 -	559	920	868	271	193	56		2867
3.75 -	124	333	440	130	113	54		1194
4.75 -	12	75	165	55	75	10		392
5.75 -	9	21	66	40	47	12		195
6.75 -	3	46	43	19	21	13		145
7.75 -	2	5	18	3	21	5		54
8.75 -	1	3	9	6	4	8		31
9.75 -		1	13	6	2	4		26
10.75 -					1	2		3
11.75 -				4	3	3		10
12.75 -				1				1
13.75 -				5				5
14.75 -				3	1	7		11
CALM							8	8
TOTAL	5350	3638	3267	927	628	244	37	14091
MAX	9.00	10.00	10.00	16.00	15.00	16.50	.00	16.50

AREA M10S

(35N-37.5N, 160E-170E)

DATA NUMBER
MEAN OF DATA 6341
2.51 M

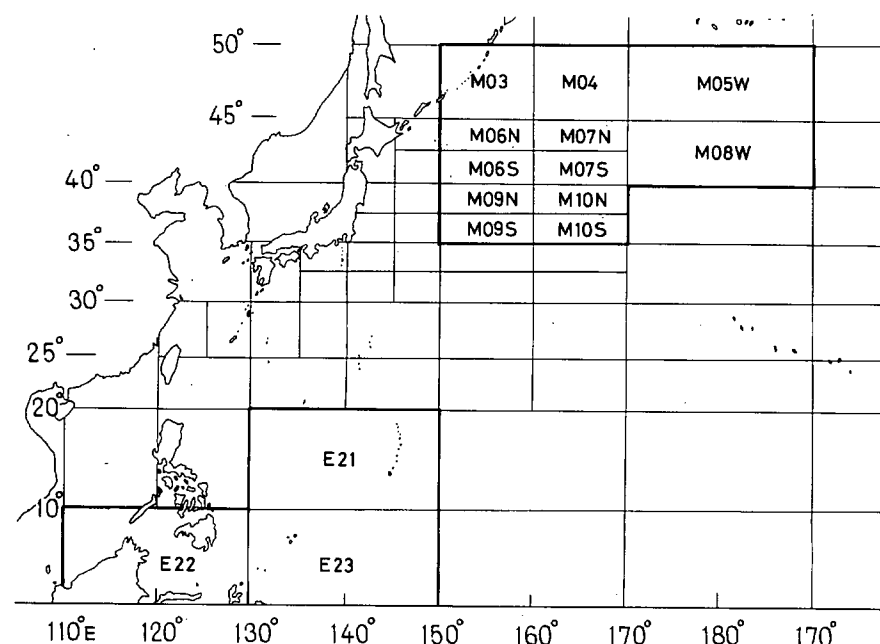
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	259	19	9	9	1	1	15	313
0.75 -	1265	359	164	27	24	6		1845
1.75 -	778	593	433	89	39	22		1954
2.75 -	274	397	348	126	66	25		1236
3.75 -	65	142	223	56	45	25		556
4.75 -	8	32	75	23	30	5		173
5.75 -	2	14	32	17	24	9		98
6.75 -	5	22	16	17	8	2		70
7.75 -	1	12	6	7	8	2		36
8.75 -		4	8	9	7	9		37
9.75 -			3	2	4	3		12
10.75 -			1		1			2
11.75 -				3		1		4
12.75 -			1					1
13.75 -								
14.75 -			1					1
CALM							3	3
TOTAL	2657	1594	1320	385	257	110	18	6341
MAX	8.00	9.50	17.50	12.00	11.00	12.00	.00	17.50

AREA M09N

(37.5N-40N, 150E-160E)

DATA NUMBER
MEAN OF DATA 8745
2.39 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	338	18	19	7	3		23	408
0.75 -	1799	630	292	55	29	26		2831
1.75 -	1083	869	608	173	66	20		2819
2.75 -	339	540	412	129	65	15		1500
3.75 -	80	179	282	67	40	21		669
4.75 -	9	44	90	25	17	12		197
5.75 -	6	17	38	21	28	9		119
6.75 -	3	35	31	15	8	10		102
7.75 -		7	2	4	7	6		26
8.75 -	1		4	6	11	7		29
9.75 -		2	5		16	3		26
10.75 -			1					1
11.75 -				7		2		9
12.75 -			1	1	1			3
13.75 -								
14.75 -						1		1
CALM							5	5
TOTAL	3658	2341	1785	510	291	132	28	8745
MAX	9.00	10.00	13.50	13.00	13.00	15.00	.00	15.00



WAVE HEIGHT - PERIOD

SEASON SPRING

AREA M11W		DATA NUMBER						
(35N-40N, 170E-170W)		MEAN OF DATA						
		16154						
		2.31 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	796	21	22	42	5	3	61	950
0.75 -	3423	946	470	108	81	35		5063
1.75 -	1941	1550	1074	261	126	79		5031
2.75 -	637	913	953	261	196	83		3043
3.75 -	153	309	493	117	106	47		1225
4.75 -	24	56	170	34	59	12		355
5.75 -	10	19	69	32	40	11		181
6.75 -	2	38	33	40	16	15		144
7.75 -	1	9	10	12	6	4		42
8.75 -	1	3	6	7	6	2		25
9.75 -			4	4	2	2		12
10.75 -			1	2				3
11.75 -				1				1
12.75 -				2				2
13.75 -								
14.75 -								
CALM							77	77
TOTAL	6988	3864	3305	923	643	293	138	16154
MAX	9.00	9.00	11.00	13.50	10.00	10.00	.00	13.50

AREA M13S		DATA NUMBER						
(30N-32.5N, 160E-170E)		MEAN OF DATA						
		7091						
		2.09 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	451	14	13	5	1	2	42	528
0.75 -	1827	534	257	44	35	16		2713
1.75 -	758	620	531	134	87	37		2167
2.75 -	210	278	344	97	67	33		1029
3.75 -	68	99	143	41	46	14		411
4.75 -	6	23	52	17	11	5		114
5.75 -	2	10	20	8	8	3		51
6.75 -	3	9	8	2	4	4		30
7.75 -	1		13	2	5	1		22
8.75 -	1	1	5	2	8			17
9.75 -		1						1
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	3327	1589	1387	352	272	115	49	7091
MAX	9.00	10.00	12.50	9.50	9.50	8.00	.00	12.50

AREA M12N		DATA NUMBER						
(32.5N-35N, 150E-160E)		MEAN OF DATA						
		10649						
		2.29 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	431	15	7	22	2	1	28	506
0.75 -	2477	643	320	40	39	23		3542
1.75 -	1379	1088	771	169	63	38		3508
2.75 -	430	602	590	168	73	34		1897
3.75 -	119	163	263	70	59	29		703
4.75 -	7	44	71	39	51	13		225
5.75 -	6	10	34	21	22	12		105
6.75 -	6	23	24	17	10	6		86
7.75 -	5	2	4	5	10	4		30
8.75 -		3	4		6	5		18
9.75 -		3	6	1	2	4		16
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							12	12
TOTAL	4860	2596	2094	553	337	169	40	10649
MAX	8.50	10.00	10.00	12.00	10.00	10.00	.00	12.00

AREA M14W		DATA NUMBER						
(30N-35N, 170E-170W)		MEAN OF DATA						
		29872						
		1.86 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3134	166	63	27	15	12	192	3609
0.75 -	8400	2322	1076	181	201	107		12287
1.75 -	2575	2349	1791	464	279	163		7621
2.75 -	649	1067	1234	373	245	97		3665
3.75 -	110	289	557	150	160	83		1349
4.75 -	14	63	158	46	49	32		362
5.75 -	6	21	58	20	30	15		150
6.75 -	1	36	44	6	16	7		110
7.75 -		4	11	7	15	5		42
8.75 -		2	6	1	5	6		20
9.75 -	3	6	4		6	4		23
10.75 -		1	2	1		2		6
11.75 -				3	1			4
12.75 -		1	1					2
13.75 -								
14.75 -			4					4
CALM							618	618
TOTAL	14892	6327	5009	1279	1022	533	810	29872
MAX	10.00	13.00	18.00	12.00	12.00	11.00	.00	18.00

AREA M12S		DATA NUMBER						
(30N-32.5N, 150E-160E)		MEAN OF DATA						
		7656						
		2.26 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	386	18	4	13	1	1	46	469
0.75 -	1799	471	290	40	51	21		2672
1.75 -	867	646	552	151	81	26		2323
2.75 -	262	379	391	93	79	31		1235
3.75 -	94	168	206	48	49	14		579
4.75 -	9	36	86	23	19	6		179
5.75 -	7	13	23	17	10	6		76
6.75 -	5	15	18	8	7	4		57
7.75 -	2	4	9	2	7	4		28
8.75 -	2		7		5	3		17
9.75 -			7	2				9
10.75 -								
11.75 -		1						1
12.75 -								
13.75 -								
14.75 -								
CALM							11	11
TOTAL	3433	1751	1593	397	309	116	57	7656
MAX	9.00	12.50	10.00	10.00	9.50	9.50	.00	12.50

AREA M15		DATA NUMBER						
(25N-30N, 150E-160E)		MEAN OF DATA						
		7982						
		1.94 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	596	25	12	14	1	2	42	692
0.75 -	2379	668	342	74	64	45		3572
1.75 -	672	688	497	146	67	34		2104
2.75 -	182	289	315	92	92	27		997
3.75 -	48	97	155	40	30	20		390
4.75 -	4	17	54	7	6	7		95
5.75 -	3	9	13	4	10	11		50
6.75 -		6	12	14	4	2		38
7.75 -	1		2	7	1	1		12
8.75 -		2	1					3
9.75 -								
10.75 -								
11.75 -		1						1
12.75 -								
13.75 -								
14.75 -					1	1		2
CALM							26	26
TOTAL	3885	1802	1403	398	276	150	68	7982
MAX	8.50	12.50	9.00	8.50	16.50	15.50	.00	16.50

AREA M13N		DATA NUMBER						
(32.5N-35N, 160E-170E)		MEAN OF DATA						
		13056						
		2.15 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	627	35	6	14	1	2	67	752
0.75 -	3551	974	400	80	44	40		5089
1.75 -	1450	1177	866	183	105	32		3813
2.75 -	663	592	559	171	127	44		2156
3.75 -	140	180	240	78	62	17		717
4.75 -	7	45	87	35	38	21		233
5.75 -	12	15	39	9	13	15		103
6.75 -	8	33	14	18	7	8		88
7.75 -	2	13	2	7	8	1		33
8.75 -	3	11	2	1	2	5		24
9.75 -	3	4	3	1	1	1		13
10.75 -			1					1
11.75 -				1	1			2
12.75 -								
13.75 -								
14.75 -								
CALM							32	32
TOTAL	6466	3079	2219	598	409	186	99	13056
MAX	10.00	10.00	11.50	12.00	12.50	10.00	.00	12.50

WAVE HEIGHT - PERIOD

SEASON SPRING

AREA M17W (25N-30N, 170E-170W)		PERIOD (SEC)						DATA NUMBER MEAN OF DATA	17740 1.84 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1417	79	52	46	5	11	92	1702	
0.75 -	5288	1477	843	131	146	69		7954	
1.75 -	1562	1568	1261	320	219	125		5055	
2.75 -	427	541	629	192	137	65		1991	
3.75 -	56	159	245	78	97	48		683	
4.75 -	4	32	83	20	18	16		173	
5.75 -		11	30	13	24	5		83	
6.75 -	1	7	6	3	2	1		20	
7.75 -		3	4	3				10	
8.75 -						1		1	
9.75 -			2					2	
10.75 -									
11.75 -				1				1	
12.75 -									
13.75 -									
14.75 -									
CALM							65	65	
TOTAL	8755	3977	3155	807	648	341	157	17740	
MAX	7.50	8.00	10.00	12.00	7.50	9.50	.00	12.00	

AREA M21 (10N-20N, 150E-170E)		PERIOD (SEC)						DATA NUMBER MEAN OF DATA	9809 1.67 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	838	33	26	15	1		54	967	
0.75 -	3431	895	472	84	100	44		5026	
1.75 -	961	855	582	125	111	66		2700	
2.75 -	165	297	246	60	48	34		850	
3.75 -	15	55	65	30	12	11		188	
4.75 -	1	11	22	2	1	1		38	
5.75 -		2	2		1			5	
6.75 -		4						4	
7.75 -									
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							31	31	
TOTAL	5411	2152	1415	316	274	156	85	9809	
MAX	5.00	7.50	6.50	5.00	6.00	5.00	.00	7.50	

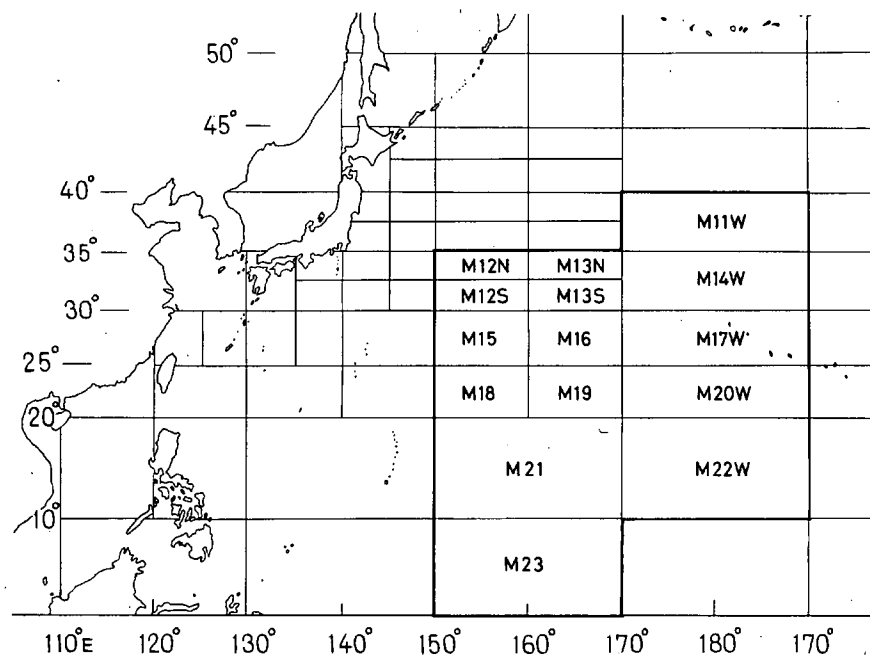
AREA M18 (20N-25N, 150E-160E)		PERIOD (SEC)						DATA NUMBER MEAN OF DATA	4095 1.57 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	490	34	16	13		1	37	591	
0.75 -	1416	336	224	28	45	28		2077	
1.75 -	335	331	240	56	41	33		1036	
2.75 -	74	79	69	27	13	20		282	
3.75 -	17	15	20	5	10	5		72	
4.75 -	3	1	6		2	3		15	
5.75 -		1		2		1		4	
6.75 -		2				2		4	
7.75 -									
8.75 -									
9.75 -									
10.75 -									
11.75 -				1				1	
12.75 -									
13.75 -									
14.75 -									
CALM							13	13	
TOTAL	2335	799	575	132	111	93	50	4095	
MAX	5.00	7.00	5.50	12.00	5.00	7.50	.00	12.00	

AREA M22W (10N-20N, 170E-170W)		PERIOD (SEC)						DATA NUMBER MEAN OF DATA	6946 1.69 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	604	42	20	25		9	50	750	
0.75 -	2307	612	383	56	47	15		3420	
1.75 -	660	666	413	55	85	43		1922	
2.75 -	104	219	189	40	55	23		630	
3.75 -	9	61	50	8	12	20		160	
4.75 -	1	22	18		3	2		46	
5.75 -		1	2		4			7	
6.75 -		1						1	
7.75 -									
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							10	10	
TOTAL	3685	1624	1075	184	206	112	60	6946	
MAX	5.00	7.00	6.50	4.50	6.00	5.00	.00	7.00	

AREA M19 (20N-25N, 160E-170E)		PERIOD (SEC)						DATA NUMBER MEAN OF DATA	3675 1.70 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	343	15	3	5	1	3	34	404	
0.75 -	1261	337	168	28	24	17		1835	
1.75 -	302	286	240	60	53	25		966	
2.75 -	53	93	94	50	24	16		330	
3.75 -	8	28	36	9	15	6		102	
4.75 -		3	10	2	8			23	
5.75 -			1		4	1		6	
6.75 -		2	2	1				5	
7.75 -									
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							4	4	
TOTAL	1967	764	554	155	129	68	38	3675	
MAX	4.50	7.50	7.50	7.00	6.00	6.00	.00	7.50	

AREA M23 (00N-10N, 150E-170E)		PERIOD (SEC)						DATA NUMBER MEAN OF DATA	5548 1.46 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	657	73	36	6	3	3	28	806	
0.75 -	1784	890	329	61	33	18		3115	
1.75 -	394	526	239	42	32	10		1243	
2.75 -	42	95	108	18	9	1		273	
3.75 -	8	14	32	4				58	
4.75 -	2	1	5	2				10	
5.75 -			1					1	
6.75 -		2	1				1	4	
7.75 -									
8.75 -									
9.75 -									
10.75 -	1							1	
11.75 -				2				2	
12.75 -									
13.75 -									
14.75 -									
CALM							35	35	
TOTAL	2888	1601	751	135	77	33	63	5548	
MAX	11.50	7.00	7.50	12.00	3.00	7.50	.00	12.00	

AREA M20W (20N-25N, 170E-170W)		PERIOD (SEC)						DATA NUMBER MEAN OF DATA	11822 1.81 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	922	26	28	14	5	3	49	1047	
0.75 -	3765	964	536	102	66	39		5472	
1.75 -	1104	968	938	212	165	63		3450	
2.75 -	224	348	449	125	107	64		1317	
3.75 -	30	66	157	46	48	31		378	
4.75 -	7	22	45	18	8	6		106	
5.75 -	1	5	4	8	6	6		30	
6.75 -	3	5	3					11	
7.75 -			1					1	
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							10	10	
TOTAL	6056	2404	2161	525	405	212	59	11822	
MAX	7.50	7.50	8.00	6.00	6.50	6.50	.00	8.00	



WAVE HEIGHT - PERIOD

SEASON SPRING

AREA M24W		DATA NUMBER						
(00N-10N, 170E-170W)		MEAN OF DATA						
		2624						
		1.41 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	406	39	9	5	3	1	10	473
0.75 -	787	348	158	50	21	3		1367
1.75 -	174	221	175	29	15	11		625
2.75 -	9	32	60	17	9	2		129
3.75 -	3	2	3	3	2	3		16
4.75 -								
5.75 -								
6.75 -								
7.75 -				2				2
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							12	12
TOTAL	1379	642	405	105	50	20	22	2624
MAX	4.50	4.00	4.00	8.00	4.00	4.00	.00	8.00

AREA W04		DATA NUMBER						
(50N-55N, 150W-130W)		MEAN OF DATA						
		14882						
		2.33 M						
		1.38 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	575	68	30	33			29	735
0.75 -	2265	1595	625	214	117	22	45	4883
1.75 -	910	1704	1207	482	137	104	39	4583
2.75 -	258	873	797	349	146	43	28	2494
3.75 -	58	303	529	180	117	35	8	1230
4.75 -	15	65	133	108	29	17	1	368
5.75 -		28	83	50	29	19	3	212
6.75 -		11	43	27	11	18	1	111
7.75 -		10	21	8	9	5		53
8.75 -			8	9	6	1		24
9.75 -		1	9	3	2	7		22
10.75 -						1		1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	73	1			1		91	166
TOTAL	4154	4659	3485	1463	604	272	245	14882
MAX	5.50	10.00	10.50	10.50	10.00	11.00	7.00	11.00

AREA W01		DATA NUMBER						
(55N-65N, 170W-160W)		MEAN OF DATA						
		7412						
		1.82 M						
		1.38 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	782	56	18	15			1	872
0.75 -	1847	809	226	70	41	12	1	3006
1.75 -	438	906	499	120	10	5		1978
2.75 -	71	280	218	110	20	8		707
3.75 -	25	93	105	53	12	14		302
4.75 -	14	30	32	39	13	3		131
5.75 -		6	12	10	9	7		44
6.75 -		8	5	2	3	6		24
7.75 -		5	1	4	1	1		12
8.75 -			3	3		7		13
9.75 -					2	2		4
10.75 -				1	2	3		6
11.75 -						5		5
12.75 -						1		1
13.75 -								
14.75 -								
CALM	244	1					62	307
TOTAL	3421	2194	1119	427	113	74	64	7412
MAX	5.50	8.00	9.00	11.00	11.00	13.00	1.00	13.00

AREA W05		DATA NUMBER						
(45N-50N, 170W-150W)		MEAN OF DATA						
		10681						
		2.47 M						
		1.44 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	354	55	34	14			5	462
0.75 -	1244	1153	524	139	62	13	17	3152
1.75 -	547	1200	991	415	113	78	21	3365
2.75 -	159	620	591	311	180	65	14	1940
3.75 -	42	235	391	191	92	37	7	995
4.75 -	9	63	123	87	39	15	3	339
5.75 -		27	53	37	44	12		173
6.75 -		18	36	22	7	14		97
7.75 -		6	14	6	9	5		40
8.75 -			6	6	5	8		25
9.75 -		2	5	5	3	9		24
10.75 -								
11.75 -				2	2	1		5
12.75 -								
13.75 -								
14.75 -								
CALM	39	1	5				19	64
TOTAL	2394	3380	2773	1235	556	257	86	10681
MAX	5.50	10.00	10.00	12.00	12.00	12.50	5.00	12.50

AREA W02		DATA NUMBER						
(55N-65N, 160W-130W)		MEAN OF DATA						
		8456						
		1.88 M						
		1.24 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	646	57	18	46			18	785
0.75 -	1840	836	332	84	136	32	43	3303
1.75 -	693	731	409	153	71	85	26	2168
2.75 -	204	320	269	125	51	41	28	1038
3.75 -	34	142	148	69	21	15	10	439
4.75 -	12	22	50	33	5	4	3	129
5.75 -		10	18	20	4	11	3	66
6.75 -		3	5	11	2	2		23
7.75 -		1	4	2	3		1	11
8.75 -			4		3	2	1	10
9.75 -				4	1			5
10.75 -			1			1		2
11.75 -					1			-1
12.75 -								
13.75 -								
14.75 -								
CALM	272	2					202	476
TOTAL	3701	2124	1258	547	298	193	335	8456
MAX	5.00	8.50	11.00	10.00	12.50	11.00	9.50	12.50

AREA W06		DATA NUMBER						
(45N-50N, 150W-130W)		MEAN OF DATA						
		13851						
		2.26 M						
		1.31 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	504	79	71	26			40	720
0.75 -	1964	1443	642	223	111	20	113	4516
1.75 -	875	1622	1192	458	143	78	38	4406
2.75 -	205	728	797	363	194	80	24	2391
3.75 -	40	251	397	179	88	22	7	984
4.75 -	12	64	134	77	52	12	4	355
5.75 -		30	33	41	28	17		149
6.75 -		5	6	28	16	13		68
7.75 -		1	5	7	3	10	1	27
8.75 -			2	1	1	6		10
9.75 -		2	3	4	2	6		17
10.75 -						1		1
11.75 -				1	1	1		3
12.75 -								
13.75 -								
14.75 -					1			1
CALM	78		3				122	203
TOTAL	3678	4225	3285	1408	640	266	349	13851
MAX	5.50	10.00	10.00	12.00	15.00	12.00	8.00	15.00

AREA W03		DATA NUMBER						
(50N-55N, 170W-150W)		MEAN OF DATA						
		18035						
		2.30 M						
		1.38 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	951	130	54	44			8	1187
0.75 -	2573	2103	758	167	115	47	20	5783
1.75 -	1103	2104	1478	546	139	66	8	5444
2.75 -	284	1162	919	427	184	54	5	3035
3.75 -	63	399	557	286	139	49	5	1498
4.75 -	19	87	175	144	41	12	1	479
5.75 -		32	66	78	31	18	2	227
6.75 -		15	36	29	18	2	3	103
7.75 -		3	12	18	11	2		46
8.75 -		3	7	8	8	5		31
9.75 -			4	5	10	3		22
10.75 -				1	1	1		3
11.75 -			2			1		3
12.75 -								
13.75 -				2				2
14.75 -				2		1		3
CALM	80	3	2				84	169
TOTAL	5073	6041	4070	1757	697	261	136	18035
MAX	5.50	9.00	12.50	15.00	11.00	15.00	7.50	15.00

WAVE HEIGHT - PERIOD

SEASON SPRING

AREA W08 (40N-45N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	303	50	10	11			17	391
0.75 -	1067	1030	401	125	65	23	40	2751
1.75 -	538	1007	880	309	86	46	42	2908
2.75 -	126	439	554	280	134	41	30	1604
3.75 -	24	190	305	151	90	60	8	828
4.75 -	10	41	80	70	41	18	2	262
5.75 -		15	30	22	32	21		120
6.75 -		8	20	18	14	5		65
7.75 -			4	2	2	1		9
8.75 -			3	1	5	3		12
9.75 -		3	5	5	1	2		16
10.75 -								
11.75 -						1		1
12.75 -								
13.75 -								
14.75 -								
CALM	44						45	89
TOTAL	2112	2783	2292	994	470	221	184	9056
MAX	5.00	10.00	10.00	10.00	10.00	12.50	5.00	12.50

AREA W12 (35N-40N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	1173	121	50	47			35	1426
0.75 -	3813	2358	992	338	251	64	138	7954
1.75 -	1112	1904	1679	559	221	149	134	5758
2.75 -	231	638	801	376	159	90	35	2330
3.75 -	40	134	250	142	77	47	13	703
4.75 -	8	45	98	54	26	15	4	250
5.75 -		12	32	19	17	13	3	96
6.75 -		7	7	9	13	11	1	48
7.75 -			9	3	1	1		14
8.75 -				1	3	3		7
9.75 -			4		3	7		14
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	179	2	2				182	365
TOTAL	6556	5221	3924	1548	771	400	545	18965
MAX	5.50	7.50	10.00	9.00	10.00	10.00	7.00	10.00

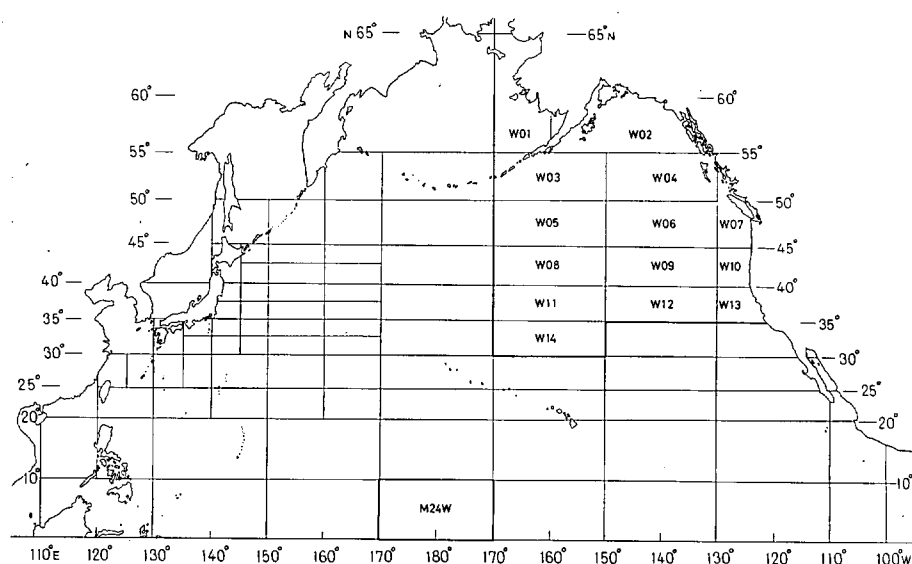
AREA W09 (40N-45N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	548	60	23	18			45	694
0.75 -	1737	1398	556	181	104	35	159	4170
1.75 -	550	1160	956	370	116	67	65	3284
2.75 -	117	446	462	241	118	50	24	1458
3.75 -	44	133	171	134	65	39	5	591
4.75 -	10	36	76	55	28	8	3	216
5.75 -		17	40	20	27	7	4	115
6.75 -		5	16	22	16	5	2	66
7.75 -		3	1	3	6	3		16
8.75 -			3	1	1	3	1	9
9.75 -			3	3		5		11
10.75 -			1	1		1		3
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM	66						242	308
TOTAL	3072	3258	2309	1049	481	223	550	10942
MAX	5.50	8.00	12.50	11.50	9.00	11.00	9.50	12.50

AREA W13 (35N-40N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	807	110	27	82			33	1059
0.75 -	2804	1649	618	254	172	26	84	5607
1.75 -	939	1610	1040	405	150	88	60	4292
2.75 -	239	618	598	284	115	58	29	1941
3.75 -	53	161	208	153	53	28	8	664
4.75 -	3	52	54	39	31	3	6	188
5.75 -		17	25	27	9	9	6	93
6.75 -		8	12	7	9	10		46
7.75 -		1		2	2	10		15
8.75 -		4	2	1	4	2		13
9.75 -			2	3	1	1		7
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	130						133	263
TOTAL	4975	4230	2586	1257	546	235	359	14188
MAX	5.00	9.00	10.00	10.50	10.00	10.00	6.00	10.50

AREA W10 (40N-45N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	466	209	74	91			12	852
0.75 -	1628	1252	586	145	85	15	33	3744
1.75 -	566	793	502	150	62	36	16	2125
2.75 -	147	296	243	107	46	20	9	868
3.75 -	36	72	98	36	16	8	4	270
4.75 -	5	24	35	11	17	4	1	97
5.75 -		12	25	10	11	3	1	62
6.75 -		3	8	3	1	4		19
7.75 -		1		2	2			5
8.75 -			3	1	2		1	7
9.75 -				1				1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	40	2					44	86
TOTAL	2888	2664	1574	557	242	90	121	8136
MAX	5.00	8.00	9.50	10.00	9.00	7.50	9.00	10.00

AREA W14 (30N-35N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	918	80	45	51			23	1117
0.75 -	2998	2108	937	364	262	47	137	6853
1.75 -	915	1895	1588	718	299	177	144	5736
2.75 -	179	585	775	389	226	111	43	2308
3.75 -	43	180	266	191	119	74	9	882
4.75 -	23	45	86	68	32	15	5	274
5.75 -		12	39	30	10	15	1	107
6.75 -		6	7	19	10	12	3	57
7.75 -		2	3	3	2	3		13
8.75 -			10	2		3		15
9.75 -		3				2		5
10.75 -						2		2
11.75 -						1		1
12.75 -								
13.75 -								
14.75 -								
CALM	113	2	1		1		126	243
TOTAL	5189	4918	3757	1835	961	462	491	17613
MAX	5.50	10.00	9.50	9.00	8.50	12.50	7.50	12.50

AREA W11 (35N-40N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	550	70	31	25			18	694
0.75 -	2049	1377	662	202	163	42	96	4591
1.75 -	766	1419	1222	480	199	139	81	4306
2.75 -	155	516	636	369	202	118	36	2832
3.75 -	35	120	269	166	96	49	15	750
4.75 -	9	30	76	61	31	25	6	238
5.75 -		15	36	34	36	16	5	142
6.75 -		6	12	20	9	1		48
7.75 -		1	8	6	9	6		30
8.75 -			1	3	3	3		10
9.75 -		1	2		1	2		6
10.75 -					1	1		2
11.75 -			2		1			3
12.75 -								
13.75 -								
14.75 -								
CALM	76	1	1				67	145
TOTAL	3640	3556	2958	1366	751	402	324	12997
MAX	5.00	10.00	12.50	9.00	12.00	11.50	6.00	12.50



WAVE HEIGHT - PERIOD

SEASON SPRING

AREA W15		(30N-35N, 150W-130W)						PERIOD (SEC)		DATA MEAN S.D.		NUMBER OF DATA		25602 1.82 M 1.04 M	
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM		TOTAL					
0.00 -		1658	184	94	83			55		2074					
0.75 -		5203	3336	1479	501	379	96	274		11268					
1.75 -		1436	2523	2053	965	371	223	176		7747					
2.75 -		264	673	809	538	215	96	55		2650					
3.75 -		50	176	249	193	103	56	21		848					
4.75 -		8	31	66	55	41	17	6		224					
5.75 -			25	23	28	22	11	1		110					
6.75 -			5	11	9	11	3			39					
7.75 -			4	1	3	1	4			13					
8.75 -			1	1	1	3	2			8					
9.75 -			1			2	1			4					
10.75 -				1						1					
11.75 -															
12.75 -															
13.75 -															
14.75 -															
CALM		318	8	1				289		616					
TOTAL		8937	6967	4788	2376	1148	509	877		25602					
MAX		5.50	10.00	11.00	9.50	10.00	10.00	6.00		11.00					

AREA W19								DATA NUMBER		13029
(25N-30N, 130W-110W)								MEAN OF DATA		1.50 M
								S.D. OF DATA		.87 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	1383	160	47	64			28	1682		
0.75 -	3430	1728	729	217	207	37	47	6795		
1.75 -	785	1137	708	230	119	56	19	3054		
2.75 -	99	242	247	140	55	20	2	805		
3.75 -	14	40	65	44	30	6	3	202		
4.75 -	1	16	18	2	10	2		49		
5.75 -			4	3	9			16		
6.75 -					4			4		
7.75 -										
8.75 -			1		1			2		
9.75 -					1			1		
10.75 -										
11.75 -										
12.75 -										
13.75 -										
14.75 -										
CALM	229	1	3				186	419		
TOTAL	6341	3324	1822	700	436	121	285	13029		
MAX	5.00	5.50	9.00	6.00	10.50	5.00	4.00	10.50		

AREA W16		(30N-35N, 130W-110W)						PERIOD (SEC)		DATA MEAN S.D.	NUMBER OF DATA	23570 1.42 M 1.00 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL				
0.00 -	3839	578	219	126			98	4860				
0.75 -	5745	2795	1225	446	195	38	106	10550				
1.75 -	1161	1745	1190	437	199	87	41	4860				
2.75 -	205	419	460	244	112	51	14	1505				
3.75 -	49	88	151	71	59	24	7	449				
4.75 -	14	19	46	29	20	6	4	138				
5.75 -		5	11	9	9	2		36				
6.75 -		4	4		4	2		14				
7.75 -			1	1		1		3				
8.75 -		1		1	3			5				
9.75 -		2			8	3		13				
10.75 -												
11.75 -					1			1				
12.75 -												
13.75 -												
14.75 -				1				1				
CALM	414	6	4				711	1135				
TOTAL	11427	5662	3311	1365	610	214	981	23570				
MAX	5.00	10.00	8.00	20.00	12.00	10.00	5.50	20.00				

AREA W20		(20N-25N, 170W-150W)						DATA NUMBER		23223	
		PERIOD (SEC)						MEAN OF DATA		1.72 M	
		S.D. OF DATA						0.95 M			
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM		TOTAL	
0.00 -		1763	336	81	64			56		2300	
0.75 -		5516	3129	1182	401	265	54	207		10754	
1.75 -		1576	2464	1656	558	293	149	125		6821	
2.75 -		248	702	658	298	170	78	36		2190	
3.75 -		48	144	184	85	79	32	11		583	
4.75 -		7	35	28	17	23	6	4		120	
5.75 -			16	10	6	9	3			44	
6.75 -				1	7	3	2			13	
7.75 -				2						2	
8.75 -						1				1	
9.75 -				1	4	1	1			7	
10.75 -											
11.75 -											
12.75 -											
13.75 -											
14.75 -											
CALM		178	3	1				206		388	
TOTAL		9336	6829	3804	1440	844	325	645		23223	
MAX		5.00	6.00	10.00	10.00	10.00	10.00	5.50		10.00	

AREA W17										DATA NUMBER		11288	
(25N-30N, 170W-150W)				PERIOD (SEC)		MEAN OF DATA		S.D. OF DATA		2.00 M		1.00 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM			TOTAL			
0.00 -	527	82	22	35			12			678			
0.75 -	2099	1351	543	214	147	31	107			4492			
1.75 -	695	1305	978	380	198	86	78			3720			
2.75 -	138	419	510	240	97	56	38			1498			
3.75 -	20	142	181	112	64	26	9			554			
4.75 -	5	24	33	24	18	16	3			123			
5.75 -		4	17	8	19	16				64			
6.75 -		1	5	7	2	5				20			
7.75 -			2	1		1				4			
8.75 -			4		1	1				6			
9.75 -			2							2			
10.75 -													
11.75 -													
12.75 -													
13.75 -													
14.75 -													
CALM	66	1					60			127			
TOTAL	3550	3329	2297	1021	546	238	307			11288			
MAX	5.00	7.00	10.00	8.50	9.50	9.00	5.50			10.00			

WAVE HEIGHT - PERIOD

SEASON SPRING

AREA W23 (10N-20N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	14--	CALM	
0.00 -	328	51	34	22			13	448
0.75 -	1468	1204	649	159	62	31	46	3619
1.75 -	512	1111	680	273	115	49	45	2785
2.75 -	61	309	275	125	35	34	17	856
3.75 -	24	46	80	13	16	7	6	192
4.75 -	3	20	18	7	1	1		50
5.75 -		5	5	1	3	4	1	19
6.75 -		6	3	4		4		17
7.75 -		1	1			1		3
8.75 -						1		1
9.75 -			1					1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	39						55	94
TOTAL	2435	2753	1746	604	232	132	183	8085
MAX	5.00	8.50	10.50	7.00	6.50	9.00	6.00	10.50

AREA W27 (00N-10N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	14--	CALM	
0.00 -	95	14	10	3				122
0.75 -	388	284	184	50	29	2	8	945
1.75 -	131	256	139	66	7	20	5	624
2.75 -	34	73	71	25	10		4	217
3.75 -	2	23	20	5	5	1		56
4.75 -		1	18	8	1			28
5.75 -			4	2				6
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	5						2	7
TOTAL	655	651	446	159	52	23	19	2005
MAX	4.00	5.50	6.00	6.00	5.00	4.00	3.00	6.00

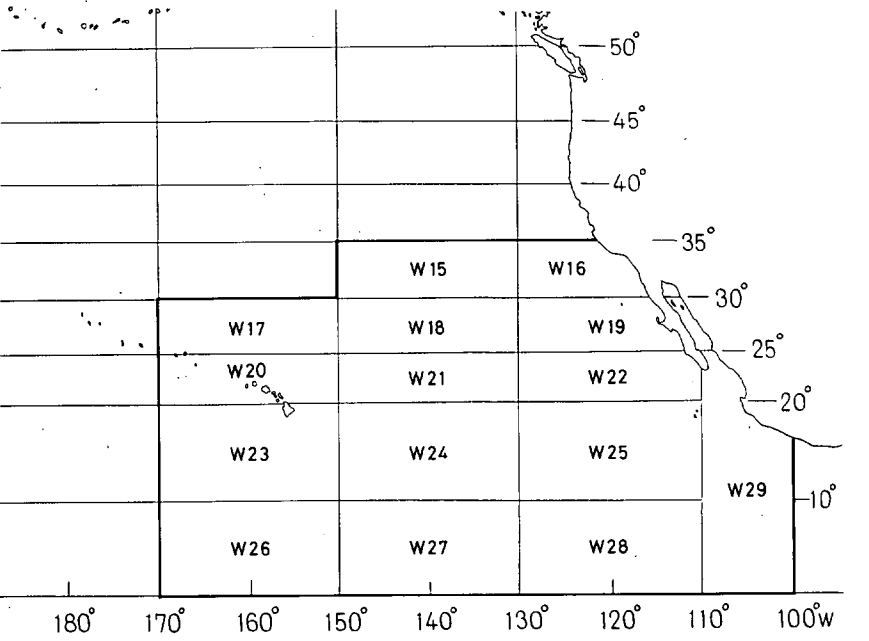
AREA W24 (10N-20N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	14--	CALM	
0.00 -	278	29	10	7			1	325
0.75 -	1535	975	440	165	70	26	79	3290
1.75 -	683	1064	686	308	83	90	49	2963
2.75 -	118	391	368	139	39	33	14	1102
3.75 -	14	39	91	50	24	6	2	226
4.75 -		1	20	15	5	8	1	50
5.75 -			2	4	1	1		8
6.75 -		1				1		2
7.75 -			1	2				3
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	25						24	49
TOTAL	2653	2500	1618	690	222	165	170	8018
MAX	4.50	7.00	8.00	8.50	6.00	7.50	5.00	8.50

AREA W28 (00N-10N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	14--	CALM	
0.00 -	130	52	8	19			7	216
0.75 -	380	322	158	48	28	17	18	971
1.75 -	68	128	125	75	23	10	1	430
2.75 -	10	40	47	10	15	2	2	126
3.75 -		6	7	3	3	6		25
4.75 -			2	1	2			5
5.75 -					1			1
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	10	1					4	15
TOTAL	598	549	347	156	72	35	32	1789
MAX	3.50	4.00	5.00	5.00	6.00	4.00	3.00	6.00

AREA W25 (10N-20N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	14--	CALM	
0.00 -	932	145	46	33			16	1172
0.75 -	3458	1865	811	269	179	80	86	6748
1.75 -	724	1141	805	311	119	77	24	3201
2.75 -	53	216	224	95	52	33	1	678
3.75 -	8	22	31	34	25	7		127
4.75 -	3	3	8	9	1	7		31
5.75 -					1	4		5
6.75 -								
7.75 -								
8.75 -								
9.75 -						1		1
10.75 -						1		1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	84	3					26	113
TOTAL	5262	3395	1929	751	377	210	153	12077
MAX	5.50	5.50	5.50	5.50	6.00	11.00	3.50	11.00

AREA W29 (00N-35N, 110W-100W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	14--	CALM	
0.00 -	4964	559	275	289			104	6191
0.75 -	6466	3273	1593	619	569	108	164	12792
1.75 -	726	757	505	202	159	112	30	2491
2.75 -	56	93	75	39	33	15	1	312
3.75 -	12	17	23	8	9	10	1	80
4.75 -	3	2	6	5	5			21
5.75 -		1	1			1		3
6.75 -		1	2					3
7.75 -				1				1
8.75 -								
9.75 -				2		1		3
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	1124	33	7		2		1074	2240
TOTAL	13351	4736	2487	1165	777	247	1374	24137
MAX	5.50	7.50	7.50	10.00	5.00	10.00	4.00	10.00

AREA W26 (00N-10N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	14--	CALM	
0.00 -	138	15	4	6			7	170
0.75 -	560	323	117	38	6	6	43	1093
1.75 -	137	282	187	61	21	6	24	718
2.75 -	15	78	57	30	29	8	6	223
3.75 -	3	18	22	9	1	6	1	60
4.75 -	2	4	8	7	1	1	1	24
5.75 -			1	1				2
6.75 -		1	1		2	2		6
7.75 -								
8.75 -						2		2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	10	1					9	20
TOTAL	865	722	397	152	60	31	91	2318
MAX	5.00	7.00	7.00	6.00	7.50	9.00	5.00	9.00



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AREA E01-E23,M03-M24W,M03-W28								
(00N-55N, 110E-110W)								
DATA NUMBER 899594								
MEAN OF DATA 1.51 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	117466	9951	4262	1898	353	317	6460	140707
0.75 -	273109	121558	47833	9041	6801	2953	2167	463462
1.75 -	58999	74147	49137	11691	4554	2662	886	202076
2.75 -	10188	20175	18207	5618	2894	1099	183	58364
3.75 -	1606	4333	5890	2035	1388	461	28	15741
4.75 -	241	818	1417	575	496	182	9	3738
5.75 -	69	292	428	305	196	181	5	1476
6.75 -	25	353	215	130	154	82	1	960
7.75 -	9	36	79	69	60	41		294
8.75 -	5	17	47	25	27	35		156
9.75 -	12	10	34	14	18	22		110
10.75 -	2	4	5	4	6	1		22
11.75 -	3		5	38	6	5		57
12.75 -		2			1	2		5
13.75 -		2			2	1		5
14.75 -	2	3	3	1		4		13
CALM	4436	112	56		6		7798	12408
TOTAL	466172	231813	127618	31444	16962	8048	17537	899594
MAX	16.50	18.00	18.00	17.50	14.50	15.00	7.00	18.00

AREA E03								
(40N-45N, 140E-145E)								
DATA NUMBER 1236								
MEAN OF DATA 1.14 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	253	78	44	3		1	14	393
0.75 -	261	241	94	25	4	4		629
1.75 -	56	57	44	7	3	4		171
2.75 -	6	11	12		2	1		32
3.75 -		3	1	1	1			6
4.75 -	1							1
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							4	4
TOTAL	577	390	195	36	10	10	18	1236
MAX	5.00	4.00	4.00	4.00	4.00	3.00	.00	5.00

AREA E01								
(45N-50N, 140E-150E)								
DATA NUMBER 497								
MEAN OF DATA 1.11 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	124	28	1	1		1	2	157
0.75 -	132	113	10		1			256
1.75 -	19	31	12	3				65
2.75 -		2	9	1	2			14
3.75 -								
4.75 -								
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							5	5
TOTAL	275	174	32	5	3	1	7	497
MAX	2.50	3.00	3.50	3.00	3.50	.50	.00	3.50

AREA E04N								
(42.5N-45N, 145E-150E)								
DATA NUMBER 1347								
MEAN OF DATA 1.28 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	254	43	25		1	2	18	343
0.75 -	404	183	97	13	5			702
1.75 -	63	88	53	10	2	3		219
2.75 -	8	24	9	7	3	1		52
3.75 -	2	8		3	4			17
4.75 -		1						1
5.75 -		2						2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							11	11
TOTAL	731	349	184	33	15	6	29	1347
MAX	4.50	6.50	3.50	4.50	4.00	3.50	.00	6.50

AREA E02N								
(40N-50N, 120E-140E)								
DATA NUMBER 803								
MEAN OF DATA 1.01 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	288	17	8		1	3	23	340
0.75 -	228	105	4	1				338
1.75 -	16	58	12		1			87
2.75 -	4	5	3					12
3.75 -	1	1		2				4
4.75 -				3				3
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -	1							1
CALM							18	18
TOTAL	538	186	27	6	2	3	41	803
MAX	16.00	4.00	3.00	5.00	2.50	.50	.00	16.00

AREA E04S								
(40N-42.5N, 145E-150E)								
DATA NUMBER 3095								
MEAN OF DATA 1.53 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	358	20	17	6	2	2	23	428
0.75 -	927	479	174	30	16	7		1633
1.75 -	240	282	169	55	13	4		763
2.75 -	32	86	62	12	11	4		207
3.75 -	2	13	17	5	2			39
4.75 -	2	2	3					7
5.75 -			5					5
6.75 -		2						2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM							10	10
TOTAL	1561	884	448	108	44	17	33	3095
MAX	5.50	7.00	12.50	4.50	4.50	3.50	.00	12.50

AREA E02S								
(35N-40N, 120E-140E)								
DATA NUMBER 5664								
MEAN OF DATA 1.01 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1801	89	28	4	5	8	168	2103
0.75 -	1889	440	72	8	8	21		2438
1.75 -	264	259	81	7	10	11		632
2.75 -	30	59	36	13	10	4		152
3.75 -	4	8	11	1	4			28
4.75 -		1	2					3
5.75 -					2			2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							306	306
TOTAL	3988	856	230	33	39	44	474	5664
MAX	4.50	5.00	5.00	4.50	6.00	3.50	.00	6.00

AREA E05N								
(37.5N-40N, 140E-145E)								
PERIOD (SEC)							DATA NUMBER	1807
							MEAN OF DATA	1.44 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	300	15	15	2	3		14	349
0.75 -	528	249	103	7	6	11		904
1.75 -	93	146	79	22	20	4		364
2.75 -	23	46	55	12	6	3		145
3.75 -		6	5	2	2			15
4.75 -		2	1					3
5.75 -								
6.75 -					1			1
7.75 -								
8.75 -			2					2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							24	24
TOTAL	944	464	260	45	38	18	38	1807
MAX	3.50	5.00	9.00	4.00	7.50	3.00	.00	9.00

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AREA E05S (35N-37.5N, 140E-145E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	682	42	18	4	5	2	56	809
0.75 -	1622	650	257	42	36	21		2628
1.75 -	423	415	286	63	23	8		1218
2.75 -	85	136	146	38	28	6		439
3.75 -	9	26	50	14	13	1		113
4.75 -	3	10	10	2	6	4		35
5.75 -	1	6	1					8
6.75 -	1		2	1	1	1		6
7.75 -						1		1
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							37	37
TOTAL	2826	1285	770	164	112	44	93	5294
MAX	7.50	6.00	7.00	7.00	7.00	8.00	.00	8.00

AREA E08 (30N-35N, 130E-135E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	1600	68	56	4	5	2	147	1882
0.75 -	2524	701	227	32	27	26		3537
1.75 -	540	467	254	65	32	16		1374
2.75 -	123	144	161	45	26	5		504
3.75 -	31	48	57	19	12	8		175
4.75 -	4	13	25	8	8			58
5.75 -	2	1	6	2		3		14
6.75 -		6	6	1	1			14
7.75 -	1			4	4			9
8.75 -			1		1			2
9.75 -		1	2		2			5
10.75 -			2			1		3
11.75 -				1				1
12.75 -		2						2
13.75 -		2						2
14.75 -								
CALM							95	95
TOTAL	4825	1453	797	181	118	61	242	7677
MAX	8.00	14.50	11.50	12.00	10.00	11.00	.00	14.50

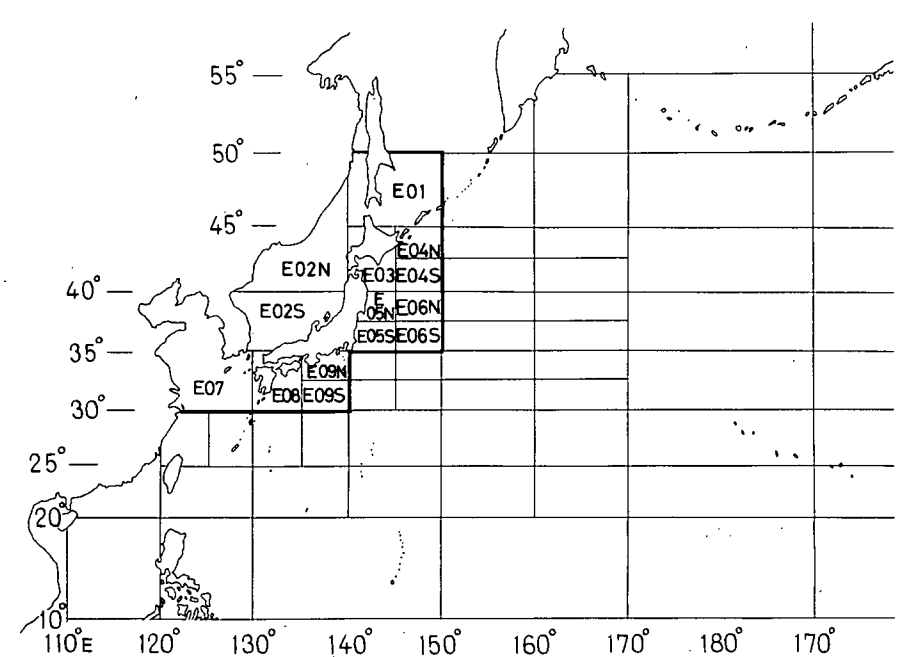
AREA E06N (37.5N-40N, 145E-150E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	969	60	35	7	4	8	57	1140
0.75 -	2589	1019	408	50	44	21		4131
1.75 -	535	636	499	85	45	17		1817
2.75 -	106	179	161	46	31	7		530
3.75 -	24	28	65	21	17	3		158
4.75 -	2	4	14	2	6			28
5.75 -	1	5	1	5	1	3		16
6.75 -		8	2	4	1			15
7.75 -	1	3	1		1			6
8.75 -								
9.75 -			3	1				4
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -				1				1
CALM							14	14
TOTAL	4227	1942	1189	222	150	59	71	7860
MAX	8.00	8.50	10.50	17.50	8.50	6.50	.00	17.50

AREA E09N (32.5N-35N, 135E-140E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	949	33	21	7		1	70	1081
0.75 -	1466	420	185	23	17	15		2126
1.75 -	361	232	147	38	18	7		803
2.75 -	91	93	77	22	11	5		299
3.75 -	13	39	27	10	4	1		94
4.75 -		3	14	5	3	3		28
5.75 -		5		2	1	1		9
6.75 -		6	3			3		12
7.75 -			3	1				4
8.75 -	1	1	1					3
9.75 -		1						1
10.75 -								
11.75 -								
12.75 -						1		1
13.75 -								
14.75 -		1						1
CALM							56	56
TOTAL	2881	834	478	108	54	37	126	4518
MAX	9.00	15.00	9.50	8.00	6.00	13.50	.00	15.00

AREA E06S (35N-37.5N, 145E-150E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	674	44	11	4	1	2	36	772
0.75 -	2092	849	358	47	57	8		3411
1.75 -	549	772	541	81	33	18		1994
2.75 -	101	248	234	47	33	10		673
3.75 -	16	59	64	22	17	4		182
4.75 -	9	9	24	3	14	1		60
5.75 -	1	9	6	1	5			22
6.75 -	2	6	3		2	1		14
7.75 -	2			1	3			6
8.75 -			1					1
9.75 -						1		1
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							9	9
TOTAL	3446	1996	1242	207	165	45	45	7146
MAX	8.50	7.50	9.00	12.00	8.50	10.00	.00	12.00

AREA E09S (30N-32.5N, 135E-140E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	727	24	15		2		25	793
0.75 -	1801	660	311	37	22	25		2856
1.75 -	502	432	359	88	40	13		1434
2.75 -	103	143	160	53	27	9		495
3.75 -	17	43	65	30	8	4		167
4.75 -	3	7	22	11	6	2		51
5.75 -	2	3	7	5	5	4		26
6.75 -		3	4	6	7			20
7.75 -			2					2
8.75 -				1				1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							11	11
TOTAL	3155	1315	945	231	117	57	36	5856
MAX	6.00	7.00	8.00	9.00	7.50	6.00	.00	9.00

(30N-40N, 120E-130E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	1696	98	34	10	4	5	394	2241
0.75 -	2360	936	260	24	33	32		3645
1.75 -	439	465	253	27	22	18		1224
2.75 -	60	136	103	14	27	3		343
3.75 -	8	24	38	24	23	5		122
4.75 -	2	3	20	1	1	2		29
5.75 -	1		5			1		7
6.75 -		8	6	3	1	1		19
7.75 -			2					2
8.75 -								
9.75 -	1	1	1	1				4
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							80	80
TOTAL	4567	1671	722	105	111	67	474	7717
MAX	10.00	10.00	10.00	12.00	7.50	7.00	.00	12.00



WAVE HEIGHT - PERIOD

SEASON SUMMER

AREA E10N (32.5N-35N, 140E-145E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 4739 1.72 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	512	27	21	5	4	3	41	613
0.75 -	1486	488	178	40	18	14		2224
1.75 -	453	356	270	76	17	24		1196
2.75 -	109	144	160	57	39	15		524
3.75 -	22	48	33	13	7	4		127
4.75 -	4	8	9	6	4			31
5.75 -	2	3	3	2		1		11
6.75 -		4	1	2				7
7.75 -	1	2			1			4
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	2589	1080	675	201	90	61	43	4739
MAX	8.50	8.00	7.00	7.00	8.00	6.50	.00	8.50

AREA E12W (25N-30N, 120E-125E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 8160 1.39 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1739	50	21	9	3	4	83	1909
0.75 -	3039	853	205	33	25	34		4189
1.75 -	568	497	268	38	19	14		1404
2.75 -	94	146	103	32	18	4		397
3.75 -	24	45	42	13	10	7		141
4.75 -	4	9	11	2	3	3		32
5.75 -	3	4	10	2		2		21
6.75 -		14	4	3	1	1		23
7.75 -		4	2					6
8.75 -		1	1					2
9.75 -						3		3
10.75 -								
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							31	31
TOTAL	5471	1623	667	134	79	72	114	8160
MAX	6.00	9.00	9.00	12.00	7.50	10.00	.00	12.00

AREA E10S (30N-32.5N, 140E-145E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 3041 1.69 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	314	51	35	5	2		18	425
0.75 -	799	422	220	22	18	2		1483
1.75 -	203	195	229	38	16	14		695
2.75 -	48	93	100	25	14	7		287
3.75 -	10	10	39	18	11	2		90
4.75 -	1	5	10	5	6	6		33
5.75 -	3	1	3	3				10
6.75 -		1	1	2	5	1		10
7.75 -								
8.75 -	1							1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	1379	778	637	118	72	32	25	3041
MAX	9.00	7.00	7.00	7.00	7.50	7.50	.00	9.00

AREA E12E (25N-30N, 125E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 13763 1.48 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2475	101	52	10	12	5	109	2764
0.75 -	5034	1441	398	62	61	38		7034
1.75 -	1063	815	519	117	57	23		2594
2.75 -	222	260	250	56	39	23		850
3.75 -	41	73	127	25	21	5		292
4.75 -	6	13	35	7	15	4		80
5.75 -	2	4	22	2	2	2		34
6.75 -	2	24	6	6	4	2		44
7.75 -			4		1	2		7
8.75 -	1	1	4	2	1			9
9.75 -		1			1	3		5
10.75 -								
11.75 -				4				4
12.75 -					1			1
13.75 -								
14.75 -								
CALM							45	45
TOTAL	8846	2733	1417	291	215	107	154	13763
MAX	9.00	10.00	9.00	12.50	13.00	10.00	.00	13.00

AREA E11N (32.5N-35N, 145E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 4870 1.74 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	475	21	15	11	2		29	554
0.75 -	1521	464	180	30	35	15		2245
1.75 -	468	408	351	86	39	19		1371
2.75 -	123	176	119	36	42	20		516
3.75 -	14	38	52	18	11	5		138
4.75 -	3	3	7	5	3	1		22
5.75 -	1	1	5					7
6.75 -		2		3	2			7
7.75 -					1			1
8.75 -		1				1		2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	2605	1114	730	189	135	61	36	4870
MAX	6.00	9.00	6.50	7.50	8.50	9.00	.00	9.00

AREA E13W (25N-30N, 130E-135E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 17759 1.68 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2157	139	51	6	3	4	85	2445
0.75 -	5509	2030	1314	113	61	22		9049
1.75 -	1250	1140	1035	246	81	37		3789
2.75 -	318	372	526	166	116	11		1509
3.75 -	45	146	165	95	79	29		560
4.75 -	6	26	84	35	41	23		215
5.75 -	5	12	16	13	18	7		71
6.75 -		21	17	4	8	3		53
7.75 -		2	2	6	4	2		16
8.75 -		1	9	2				12
9.75 -					1			1
10.75 -			1	2				3
11.75 -	3			2				5
12.75 -								
13.75 -								
14.75 -	1							1
CALM							30	30
TOTAL	9294	3889	3220	691	412	138	115	17759
MAX	16.50	9.00	11.50	12.00	10.00	8.50	.00	16.50

AREA E11S (30N-32.5N, 145E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 2327 1.64 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	244	9	2	3	2	1	19	280
0.75 -	726	240	127	16	22	13		1144
1.75 -	221	210	170	32	15	12		660
2.75 -	29	62	55	10	6	10		172
3.75 -	4	7	18	14	5	1		49
4.75 -		1	4		1	2		8
5.75 -			4	1				5
6.75 -			2					2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	1224	529	382	76	51	39	26	2327
MAX	4.00	5.00	7.00	6.00	5.00	5.00	.00	7.00

AREA E13E (25N-30N, 135E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 12754 1.71 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1403	127	50	8	2	8	90	1698
0.75 -	3139	1605	1290	145	51	49		6279
1.75 -	787	890	999	242	63	26		3007
2.75 -	183	242	417	105	48	12		1058
3.75 -	51	93	160	72	56	9		441
4.75 -	1	11	29	20	44	7		112
5.75 -	3	6	13	29	6	3		60
6.75 -	1	6	7	4	8	4		30
7.75 -		3	7	11	6			27
8.75 -			1	4	2			7
9.75 -			1	3	2	1		7
10.75 -				1				1
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -		1						1
CALM							25	25
TOTAL	5568	3034	2984	646	288	119	115	12754
MAX	7.00	16.50	10.00	12.00	10.00	10.00	.00	16.50

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AREA E14 (25N-30N, 140E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 7908 1.55 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1120	76	32	9	5	6	102	1350
0.75 -	2416	1083	551	58	55	38		4201
1.75 -	412	582	412	75	38	25		1544
2.75 -	84	156	145	64	24	11		484
3.75 -	18	33	56	20	19	10		156
4.75 -	2	9	30	8	13	6		68
5.75 -		5	7	2	4	1		19
6.75 -	2	14	10	1	4	5		36
7.75 -	2	1	2		4			9
8.75 -		3	2			1		6
9.75 -			5			2		7
10.75 -								
11.75 -				3				3
12.75 -								
13.75 -								
14.75 -			2					2
CALM							23	23
TOTAL	4056	1962	1254	240	166	105	125	7908
MAX	8.50	9.00	15.00	12.00	8.00	10.00	.00	15.00

AREA E18 (20N-25N, 140E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 9114 1.50 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1263	65	49	13	3	9	118	1520
0.75 -	2795	1386	632	63	68	37		4981
1.75 -	443	652	527	98	43	39		1802
2.75 -	78	160	167	45	34	11		495
3.75 -	17	48	81	14	27	6		193
4.75 -	1	12	22	6	12	3		56
5.75 -	1	1	7	1	6	6		22
6.75 -		5	4		3			12
7.75 -			1					1
8.75 -		1	1	2	2			6
9.75 -	1		1		2			4
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -					2			2
14.75 -								
CALM							19	19
TOTAL	4599	2330	1492	243	202	111	137	9114
MAX	10.50	9.00	10.00	12.00	14.50	6.50	.00	14.50

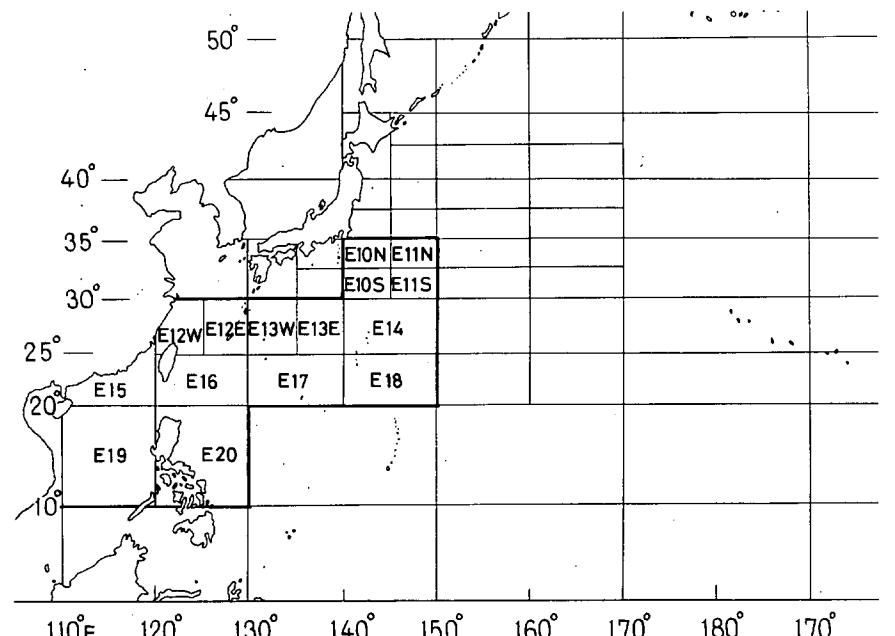
AREA E15 (20N-30N, 110E-120E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 1515 1.38 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	282	30	2		3		5	322
0.75 -	557	203	54	5	5	1		825
1.75 -	89	97	53	12	2	1		254
2.75 -	13	23	19	11	4	2		72
3.75 -	1	5	6	1	5			18
4.75 -			1			3		4
5.75 -			1	1				2
6.75 -	1	1	2		4			8
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							10	10
TOTAL	943	359	138	30	23	7	15	1515
MAX	7.50	7.00	7.00	6.00	7.50	5.50	.00	7.50

AREA E19 (10N-20N, 110E-120E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 34663 1.47 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	7244	199	31	9	18	13	149	7663
0.75 -	11889	2929	706	76	79	68		15747
1.75 -	3242	2591	1468	341	105	35		7782
2.75 -	621	952	639	198	60	14		2484
3.75 -	66	200	244	66	36	11		623
4.75 -	14	32	45	17	11	3		122
5.75 -	3	17	8	5	1			34
6.75 -		9	7	4	7			27
7.75 -				2	5	1		8
8.75 -				1	1			2
9.75 -			3					3
10.75 -			1		4			5
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							161	161
TOTAL	23079	6929	3152	721	327	145	310	34663
MAX	6.00	7.50	11.00	12.00	11.00	8.00	.00	12.00

AREA E16 (20N-25N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 33042 1.55 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	5617	200	102	21	21	14	282	6257
0.75 -	11399	3447	1122	161	133	105		16367
1.75 -	2359	2118	1462	322	150	46		6457
2.75 -	630	781	660	240	134	44		2489
3.75 -	120	202	317	97	93	22		851
4.75 -	15	51	94	47	43	9		259
5.75 -	5	16	15	19	19	11		85
6.75 -	5	34	15	9	21	8		92
7.75 -	1	1	6	6	7	9		30
8.75 -	1		1	1	2	13		18
9.75 -	10		3		1	3		17
10.75 -	2							2
11.75 -				2	1			3
12.75 -								
13.75 -								
14.75 -						4		4
CALM							111	111
TOTAL	20164	6850	3797	925	625	288	393	33042
MAX	11.00	8.50	10.00	12.00	12.00	15.00	.00	15.00

AREA E20 (10N-20N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 27241 1.36 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	5963	326	97	35	25	17	412	6875
0.75 -	9222	2972	877	99	128	100		13398
1.75 -	1690	1624	992	230	79	40		4655
2.75 -	367	582	366	137	67	23		1542
3.75 -	47	110	125	35	29	13		359
4.75 -	5	34	39	13	12	4		107
5.75 -	3	9	21	6	5	7		51
6.75 -	1	36	14	5	4	3		63
7.75 -		6	4		4	2		16
8.75 -		3	4		3	2		12
9.75 -				2	1			3
10.75 -					1			1
11.75 -			1	2				3
12.75 -								
13.75 -								
14.75 -								
CALM							156	156
TOTAL	17298	5702	2540	564	358	211	568	27241
MAX	7.50	9.50	12.50	12.00	11.00	9.50	.00	12.50

AREA E17 (20N-25N, 130E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 14352 1.63 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2020	150	48	18	12	15	106	2369
0.75 -	4367	1868	685	71	81	42		7114
1.75 -	897	989	836	126	57	45		2950
2.75 -	211	391	402	120	81	13		1218
3.75 -	33	114	183	39	52	14		435
4.75 -	11	15	47	14	18	10		115
5.75 -	3	8	24	9	7	10		61
6.75 -	1	8	14	7	5	5		40
7.75 -	1		12	4	3	2		22
8.75 -			1	1	1			3
9.75 -			6		2	3		11
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							14	14
TOTAL	7544	3543	2258	409	319	159	120	14352
MAX	8.00	7.50	10.00	9.00	10.00	10.00	.00	10.00



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AREA E21								
(10N-20N, 130E-150E)								
		PERIOD (SEC)				DATA NUMBER		37298
						MEAN OF DATA		1.49 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	5570	350	134	38	19	24	379	6564
0.75 -	11703	5324	2288	230	242	164		19951
1.75 -	1935	2817	1910	289	149	60		7160
2.75 -	385	799	830	146	118	44		2322
3.75 -	78	234	337	79	77	21		826
4.75 -	4	41	117	15	27	3		207
5.75 -	7	20	28	19	11	20		105
6.75 -	3	16	13	6	9	6		53
7.75 -		1	5	4	2	4		17
8.75 -	1		1	1		1		4
9.75 -		1						1
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM							87	87
TOTAL	19686	9603	5715	827	654	347	466	37298
MAX	9.00	10.00	12.50	9.00	8.00	9.00	.00	12.50

AREA M04								
(45N-50N, 160E-170E)								
		PERIOD (SEC)				DATA NUMBER		15167
						MEAN OF DATA		1.66 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1495	107	61	8	10	5	31	1717
0.75 -	4470	2067	917	74	73	33		7634
1.75 -	1219	1518	1125	174	51	20		4107
2.75 -	211	470	449	74	46	12		1262
3.75 -	49	82	146	31	25	3		336
4.75 -	3	10	10	6	3	1		33
5.75 -		5	9	9				23
6.75 -		4	1	2	3			10
7.75 -					4			4
8.75 -				2	2	1		5
9.75 -					1			1
10.75 -								
11.75 -				2		4		6
12.75 -						1		1
13.75 -						1		1
14.75 -								
CALM							27	27
TOTAL	7447	4263	2718	382	218	81	58	15167
MAX	5.00	7.50	7.00	12.00	10.00	14.00	.00	14.00

AREA E22								
(00N-10N, 110E-130E)								
		PERIOD (SEC)				DATA NUMBER		7853
						MEAN OF DATA		1.15 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2324	91	30	3	25	8	160	2641
0.75 -	2607	574	184	21	32	34		3452
1.75 -	536	363	205	26	8	10		1148
2.75 -	105	122	67	13	14	3		324
3.75 -	9	28	22	2	1			62
4.75 -	1	3	4	2	2			12
5.75 -		2						2
6.75 -								
7.75 -								
8.75 -								
9.75 -		1						1
10.75 -								
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							209	209
TOTAL	5582	1184	512	69	82	55	369	7853
MAX	5.50	10.00	5.00	12.00	5.50	3.50	.00	12.00

AREA M05W								
(45N-50N, 170E-170W)								
		PERIOD (SEC)				DATA NUMBER		20158
						MEAN OF DATA		1.79 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1571	76	45	7	9	4	43	1755
0.75 -	6014	2345	975	120	65	60		9579
1.75 -	1878	1979	1595	270	77	22		5821
2.75 -	369	790	668	197	105	26		2155
3.75 -	57	155	285	61	57	14		629
4.75 -	4	17	53	9	15	3		101
5.75 -	3	4	13	16	10	5		51
6.75 -		6	7	4	5	2		24
7.75 -			4	4	1	1		10
8.75 -			3					3
9.75 -			2	2	2			6
10.75 -								
11.75 -				3				3
12.75 -								
13.75 -								
14.75 -								
CALM							21	21
TOTAL	9896	5372	3650	693	346	137	64	20158
MAX	6.00	7.50	10.00	12.00	10.00	8.50	.00	12.00

AREA E23								
(00N-10N, 130E-150E)								
		PERIOD (SEC)				DATA NUMBER		9074
						MEAN OF DATA		1.11 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2034	193	129	11	23	16	120	2526
0.75 -	2737	1579	705	83	99	77		5280
1.75 -	237	454	237	37	21	12		998
2.75 -	20	62	48	9	9	2		150
3.75 -	1	9	14	2		1		27
4.75 -					1			1
5.75 -				1				1
6.75 -		2						2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							89	89
TOTAL	5029	2299	1133	143	153	108	209	9074
MAX	4.00	7.00	4.50	6.00	5.00	4.50	.00	7.00

AREA M06N								
(42.5N-45N, 150E-160E)								
		PERIOD (SEC)				DATA NUMBER		9083
						MEAN OF DATA		1.55 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1005	76	36	5	7	7	65	1201
0.75 -	3061	1271	474	45	60	24		4935
1.75 -	656	748	513	117	39	12		2085
2.75 -	95	240	195	58	24	14		626
3.75 -	12	41	41	31	7	9		141
4.75 -		4	7	1		2		14
5.75 -	1	1	2	9	5	3		21
6.75 -	1	2	1	11	1			16
7.75 -				4				4
8.75 -				3	1			4
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							36	36
TOTAL	4831	2383	1269	284	144	71	101	9083
MAX	7.50	7.00	7.00	9.00	9.00	6.00	.00	9.00

AREA M03								
(45N-50N, 150E-160E)								
		PERIOD (SEC)				DATA NUMBER		6250
						MEAN OF DATA		1.53 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	849	79	20	2	5	3	36	994
0.75 -	1934	833	319	41	44	35		3206
1.75 -	411	589	360	58	25	13		1456
2.75 -	47	183	128	27	37	2		424
3.75 -	9	39	41	13	8	1		111
4.75 -	1	16	5					22
5.75 -		5	3	3	1			12
6.75 -		1		1				2
7.75 -								
8.75 -		1	1					2
9.75 -		1						1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							20	20
TOTAL	3251	1747	877	145	120	54	56	6250
MAX	5.00	10.00	9.50	7.00	6.50	4.50	.00	10.00

AREA M06S		DATA NUMBER							13281
(40N-42.5N, 150E-160E)		MEAN OF DATA							1.63 M
		PERIOD (SEC)							
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1348	72	22	10	4	4	59	1519	
0.75 -	4427	1709	635	117	73	32		6993	
1.75 -	1013	1199	886	187	57	25		3367	
2.75 -	198	318	321	94	33	18		982	
3.75 -	34	73	133	38	12	4		294	
4.75 -	3	6	25	6	3	3		46	
5.75 -	2	6	6	14	6	6		40	
6.75 -	1	1	2	7	4	2		17	
7.75 -			1	2	1			4	
8.75 -					2			2	
9.75 -									
10.75 -		1						1	
11.75 -				1				1	
12.75 -									
13.75 -									
14.75 -									
CALM							15	15	
TOTAL	7026	3385	2031	476	195	94	74	13281	
MAX	7.00	11.50	8.00	12.00	9.00	7.00	.00	12.00	

WAVE HEIGHT - PERIOD

SEASON SUMMER

AREA M07N		DATA NUMBER						
(42.5N-45N, 160E-170E)		MEAN OF DATA						
		9258						
		1.67 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	846	62	15	6	1	2	38	970
0.75 -	3075	1125	420	59	42	19		4740
1.75 -	821	861	609	140	49	26		2506
2.75 -	168	276	234	64	32	3		777
3.75 -	24	51	55	26	8	2		166
4.75 -	2	18	17	5	4			46
5.75 -	1	5	5	12		1		24
6.75 -		4	1	7	2	2		16
7.75 -			1	1				2
8.75 -								
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							10	10
TOTAL	4937	2402	1357	321	138	55	48	9258
MAX	6.00	7.00	8.00	12.00	7.50	7.50	.00	12.00

AREA M09S		DATA NUMBER						
(35N-37.5N, 150E-160E)		MEAN OF DATA						
		8472						
		1.73 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	742	50	20	3	7	2	60	884
0.75 -	2560	908	465	63	53	34		4083
1.75 -	739	945	543	85	60	31		2453
2.75 -	133	247	225	93	47	11		756
3.75 -	30	47	58	17	27	9		188
4.75 -	1	13	15	17	8			54
5.75 -		4	9	5	6	2		26
6.75 -		4	1	1	6	1		13
7.75 -								
8.75 -						1		1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							14	14
TOTAL	4205	2218	1386	284	214	91	74	8472
MAX	5.50	7.00	7.00	7.00	7.50	9.50	.00	9.50

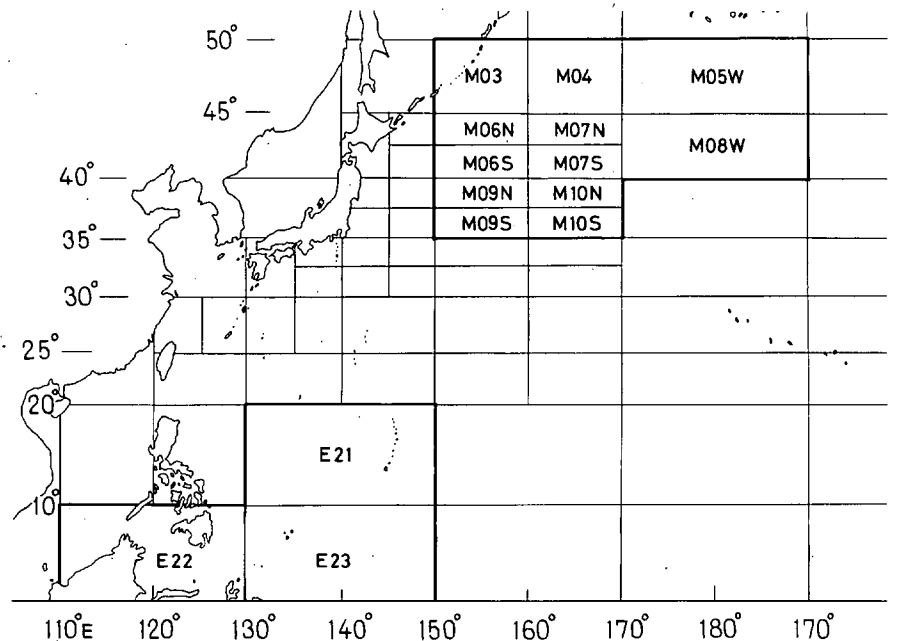
AREA M07S		DATA NUMBER						
(40N-42.5N, 160E-170E)		MEAN OF DATA						
		8973						
		1.77 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	661	37	18	3	5	2	47	773
0.75 -	2646	1082	442	41	60	36		4307
1.75 -	815	1024	624	163	61	27		2714
2.75 -	117	279	298	69	39	28		830
3.75 -	19	42	115	25	25	2		228
4.75 -	2	19	25	9	4			59
5.75 -		2	4	9	4			19
6.75 -		8	3	1	2			14
7.75 -								
8.75 -					4			4
9.75 -			4					4
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							21	21
TOTAL	4260	2493	1533	320	204	95	68	8973
MAX	5.00	7.00	10.50	7.00	9.00	4.00	.00	10.50

AREA M10N		DATA NUMBER						
(37.5N-40N, 160E-170E)		MEAN OF DATA						
		7139						
		1.75 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	569	36	5	5	5	4	45	669
0.75 -	2048	893	335	35	36	27		3374
1.75 -	660	913	475	79	49	17		2193
2.75 -	95	225	238	47	28	13		646
3.75 -	15	36	94	12	11	3		171
4.75 -	1	19	12	3	13			48
5.75 -	1	4	3	4	1			13
6.75 -	1	7	5		1			14
7.75 -								
8.75 -								
9.75 -			1		1			2
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							9	9
TOTAL	3390	2133	1168	185	145	64	54	7139
MAX	7.00	7.50	10.00	6.00	10.00	4.00	.00	10.00

AREA M08W		DATA NUMBER						
(40N-45N, 170E-170W)		MEAN OF DATA						
		19254						
		1.79 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1358	73	39	15	7	5	93	1590
0.75 -	5807	2202	881	111	80	48		9129
1.75 -	1826	2210	1362	205	119	69		5791
2.75 -	323	723	657	133	89	26		1951
3.75 -	47	170	233	42	50	4		546
4.75 -	6	33	51	22	8	1		131
5.75 -	5	11	9	9	4	4		42
6.75 -		9	11	3	1	1		25
7.75 -			1	3	1			5
8.75 -				2		1		3
9.75 -					1	2		3
10.75 -		1						1
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							35	35
TOTAL	9372	5432	3254	547	360	161	128	19254
MAX	6.50	11.50	8.00	12.00	10.00	10.00	.00	12.00

AREA M10S		DATA NUMBER						
(35N-37.5N, 160E-170E)		MEAN OF DATA						
		5508						
		1.65 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	583	20	10	6	2	2	46	669
0.75 -	1798	608	246	23	53	23		2751
1.75 -	476	557	337	63	34	14		1481
2.75 -	78	165	150	32	18	5		448
3.75 -	15	26	39	18	16	9		123
4.75 -	1	3	3	4	5			16
5.75 -		2	1	2	1	1		7
6.75 -								
7.75 -			1					1
8.75 -			1					1
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							10	10
TOTAL	2951	1381	788	149	129	54	56	5508
MAX	5.00	6.00	9.00	12.00	6.50	6.00	.00	12.00

AREA M09N		DATA NUMBER						
(37.5N-40N, 150E-160E)		MEAN OF DATA						
		11809						
		1.74 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1020	57	32	10	3	1	58	1181
0.75 -	3534	1527	548	77	74	39		5799
1.75 -	943	1285	806	129	76	20		3259
2.75 -	198	364	346	112	37	15		1072
3.75 -	34	87	111	41	31	5		309
4.75 -	4	16	32	12	8	5		77
5.75 -	1	7	18	10	8	1		45
6.75 -	2	17	3	2	4	1		29
7.75 -			3	4	2			9
8.75 -			2		3			5
9.75 -				2		1		3
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							21	21
TOTAL	5736	3360	1901	399	246	88	79	11809
MAX	7.50	7.50	9.00	10.00	9.00	10.00	.00	10.00



WAVE HEIGHT - PERIOD

SEASON SUMMER

AREA M11W		DATA NUMBER						
(35N-40N, 170E-170W)		MEAN OF DATA						
		17944						
		1.58 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1872	127	48	20	12	7	194	2280
0.75 -	5822	1944	852	136	140	77		8971
1.75 -	1570	1707	1029	166	132	53		4657
2.75 -	247	470	466	80	42	28		1333
3.75 -	44	108	130	29	23	10		344
4.75 -	4	12	31	8	6	2		63
5.75 -	2	4	8		4	5		23
6.75 -	1	8	1	1				11
7.75 -								
8.75 -		1				1		2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							260	260
TOTAL	9562	4381	2565	440	359	183	454	17944
MAX	7.50	9.00	7.50	7.50	6.50	9.00	.00	9.00

AREA M13S		DATA NUMBER						
(30N-32.5N, 160E-170E)		MEAN OF DATA						
		4228						
		1.46 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	537	22	11	3		3	55	631
0.75 -	1424	531	291	46	31	16		2339
1.75 -	259	316	266	59	33	10		943
2.75 -	35	113	55	25	16	9		253
3.75 -	2	17	17	2	2	2		42
4.75 -	1	2	1	1	1			6
5.75 -							1	1
6.75 -							1	1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							12	12
TOTAL	2258	1001	641	136	83	42	67	4228
MAX	5.00	5.00	5.00	5.00	5.00	7.50	.00	7.50

AREA M12N		DATA NUMBER						
(32.5N-35N, 150E-160E)		MEAN OF DATA						
		8110						
		1.63 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	927	37	24	18	4	9	66	1085
0.75 -	2657	847	387	56	54	39		4040
1.75 -	691	684	492	113	78	41		2099
2.75 -	133	217	194	55	39	15		653
3.75 -	22	38	65	15	13	12		165
4.75 -	7	10	15	1		2		35
5.75 -	2	3	2		3			10
6.75 -		3	3			1		7
7.75 -		1			1			2
8.75 -		2	1					3
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							10	10
TOTAL	4439	1842	1183	259	192	119	76	8110
MAX	6.00	9.50	9.50	12.00	8.00	7.00	.00	12.00

AREA M14W		DATA NUMBER						
(30N-35N, 170E-170W)		MEAN OF DATA						
		24836						
		1.35 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	4129	232	53	30	17	24	263	4748
0.75 -	8473	2822	1170	187	148	106		12906
1.75 -	1582	1724	1011	187	103	84		4691
2.75 -	266	446	346	73	68	32		1231
3.75 -	34	77	54	16	19	6		206
4.75 -	3	13	8	5	6	5		40
5.75 -		2	3	2	2	1		10
6.75 -		5	1			1		7
7.75 -								
8.75 -			2			1		3
9.75 -								
10.75 -		2						2
11.75 -								
12.75 -								
13.75 -								
14.75 -			1					1
CALM							991	991
TOTAL	14487	5323	2649	500	363	260	1254	24836
MAX	5.00	11.50	18.00	6.50	6.50	9.00	.00	18.00

AREA M12S		DATA NUMBER						
(30N-32.5N, 150E-160E)		MEAN OF DATA						
		5030						
		1.56 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	611	21	14	3		4	39	692
0.75 -	1660	580	272	31	45	35		2623
1.75 -	322	382	376	78	55	27		1240
2.75 -	68	96	107	58	29	10		368
3.75 -	3	14	30	10	10	5		72
4.75 -	1	3	1	4	3	1		13
5.75 -				1	3			4
6.75 -								
7.75 -								
8.75 -		1						1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							17	17
TOTAL	2665	1097	800	185	145	82	56	5030
MAX	5.00	9.00	5.50	6.00	6.00	5.00	.00	9.00

AREA M15		DATA NUMBER						
(25N-30N, 150E-160E)		MEAN OF DATA						
		5381						
		1.46 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	745	37	10	9	1	2	123	927
0.75 -	1792	645	383	50	52	36		2958
1.75 -	260	385	283	52	43	35		1058
2.75 -	49	88	104	24	17	11		293
3.75 -	9	13	13	17	10	10		78
4.75 -	1	2	4	6		2		15
5.75 -		1		1	3	2		7
6.75 -		2	3		2	4		11
7.75 -			1		1			2
8.75 -			1			1		2
9.75 -		1						1
10.75 -								
11.75 -				1	5			6
12.75 -								
13.75 -								
14.75 -								
CALM							23	23
TOTAL	2856	1180	802	160	134	103	146	5381
MAX	5.00	10.00	9.00	12.00	12.50	9.00	.00	12.50

AREA M13N		DATA NUMBER						
(32.5N-35N, 160E-170E)		MEAN OF DATA						
		12927						
		1.46 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1368	129	46	9		2	151	1705
0.75 -	4726	1877	801	56	66	86		7612
1.75 -	1003	870	578	104	41	38		2634
2.75 -	237	230	201	49	35	9		761
3.75 -	13	42	35	14	18	4		127
4.75 -	4	15	4	1	7	1		32
5.75 -		1	3		1			5
6.75 -		2						2
7.75 -								
8.75 -			1					1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							48	48
TOTAL	7351	3166	1670	233	168	140	199	12927
MAX	5.00	7.00	8.50	5.00	6.00	5.00	.00	8.50

AREA M16		DATA NUMBER 6695						
(25N-30N, 160E-170E)		MEAN OF DATA 1.40 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	996	58	24	6	2	1	95	1182
0.75 -	2191	835	430	88	54	53		3651
1.75 -	363	536	391	97	46	48		1481
2.75 -	56	103	95	21	15	12		302
3.75 -	4	17	14	12	3			50
4.75 -		1	4		1			6
5.75 -					1			1
6.75 -								
7.75 -								
8.75 -			1					1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							21	21
TOTAL	3610	1550	959	224	122	114	116	6695
MAX	4.50	5.00	9.00	4.50	6.00	3.00	.00	9.00

WAVE HEIGHT - PERIOD

SEASON SUMMER

AREA M17W (25N-30N, 170E-170W)								
								DATA NUMBER MEAN OF DATA 12240 1.35 M
HEIGHT (M)	-5	6-7	8-9	PERIOD (SEC)		14-	CALM	TOTAL
				10-11	12-13			
0.00 -	1795	112	65	18	4	6	147	2148
0.75 -	4678	1374	715	104	82	60		7014
1.75 -	693	834	552	120	80	48		2327
2.75 -	112	175	164	32	20	3		507
3.75 -	6	45	44	4	4	3		106
4.75 -			3	7	1	2		13
5.75 -		1	1					2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -			1					1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							122	122
TOTAL	7284	2542	1547	285	191	122	269	12240
MAX	4.00	6.00	11.00	5.50	5.00	5.00	.00	11.00

AREA M21 (10N-20N, 150E-170E)								
								DATA NUMBER MEAN OF DATA 8004 1.32 M
HEIGHT (M)	-5	6-7	8-9	PERIOD (SEC)		14-	CALM	TOTAL
				10-11	12-13			
0.00 -	1354	49	49	15	4	13	108	1592
0.75 -	3044	914	492	72	52	47		4621
1.75 -	401	543	305	61	28	37		1375
2.75 -	49	120	96	21	19	3		308
3.75 -	5	22	21	11	1	1		61
4.75 -	1	1	2	2		1		7
5.75 -		2	4	1		2		9
6.75 -		1						1
7.75 -								
8.75 -						1		1
9.75 -								
10.75 -								
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							27	27
TOTAL	4854	1652	969	185	104	105	135	8004
MAX	5.00	7.00	6.00	12.00	4.50	9.00	.00	12.00

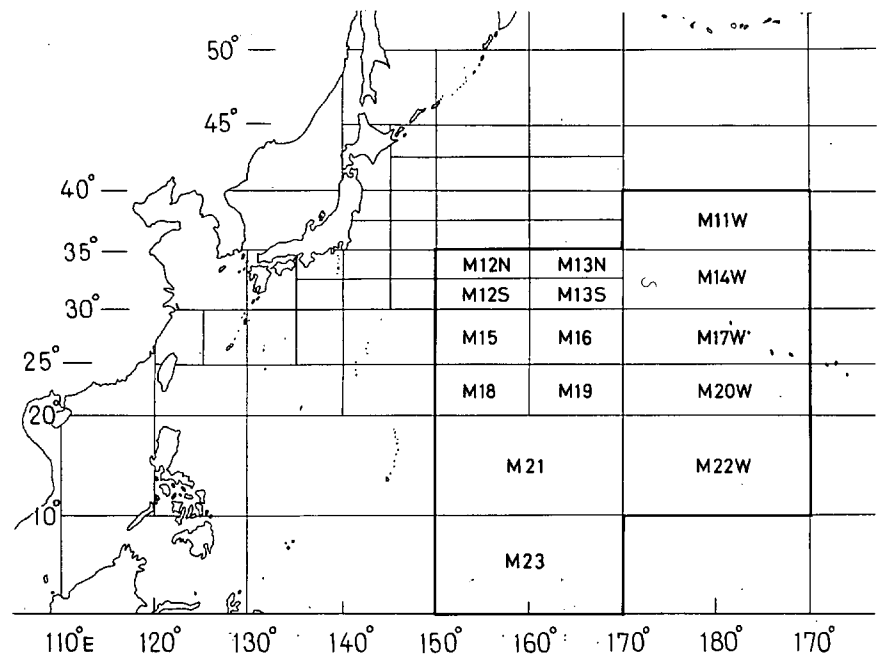
AREA M18 (20N-25N, 150E-160E)								
								DATA NUMBER MEAN OF DATA 3213 1.35 M
HEIGHT (M)	-5	6-7	8-9	PERIOD (SEC)		14-	CALM	TOTAL
				10-11	12-13			
0.00 -	517	18	12	8	5	1	76	637
0.75 -	1121	373	208	43	40	22		1807
1.75 -	170	189	115	40	20	5		539
2.75 -	29	51	37	22	20	3		162
3.75 -	3	7	11	1	1	2		25
4.75 -	1	3	7	2		2		15
5.75 -	1	2				3		6
6.75 -			1					1
7.75 -								
8.75 -						1		1
9.75 -		2						2
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							18	18
TOTAL	1842	645	391	116	86	39	94	3213
MAX	6.00	10.00	7.50	5.00	4.00	9.00	.00	10.00

AREA M22W (10N-20N, 170E-170W)								
								DATA NUMBER MEAN OF DATA 5483 1.48 M
HEIGHT (M)	-5	6-7	8-9	PERIOD (SEC)		14-	CALM	TOTAL
				10-11	12-13			
0.00 -	643	16	18	3	4	2	38	724
0.75 -	2150	521	345	45	47	20		3128
1.75 -	399	475	284	32	42	28		1260
2.75 -	70	111	86	15	22	20		324
3.75 -	1	14	16	1	2	5		39
4.75 -	1		5		1			7
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							1	1
TOTAL	3264	1137	754	96	118	75	39	5483
MAX	5.00	4.00	5.50	4.50	5.50	4.00	.00	5.50

AREA M19 (20N-25N, 160E-170E)								
								DATA NUMBER MEAN OF DATA 2561 1.32 M
HEIGHT (M)	-5	6-7	8-9	PERIOD (SEC)		14-	CALM	TOTAL
				10-11	12-13			
0.00 -	411	16	22	11			36	496
0.75 -	1060	270	138	16	17	14		1515
1.75 -	139	141	95	18	17	11		421
2.75 -	18	29	38	5	3	3		96
3.75 -	6	5	5	3		2		21
4.75 -								
5.75 -		2						2
6.75 -		1				2		3
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	1634	464	298	53	37	32	43	2561
MAX	4.50	7.00	4.50	4.50	3.50	7.50	.00	7.50

AREA M23 (00N-10N, 150E-170E)								
								DATA NUMBER MEAN OF DATA 6248 1.11 M
HEIGHT (M)	-5	6-7	8-9	PERIOD (SEC)		14-	CALM	TOTAL
				10-11	12-13			
0.00 -	1324	120	106	8	17	16	83	1674
0.75 -	2000	1127	481	61	57	36		3762
1.75 -	201	242	164	8	10	23		648
2.75 -	14	52	30	1	2			99
3.75 -		5	5					10
4.75 -								
5.75 -		1						1
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							53	53
TOTAL	3539	1548	786	78	86	75	136	6248
MAX	3.00	18.00	4.00	3.50	3.00	2.50	.00	18.00

AREA M20W (20N-25N, 170E-170W)								
								DATA NUMBER MEAN OF DATA 9428 1.40 M
HEIGHT (M)	-5	6-7	8-9	PERIOD (SEC)		14-	CALM	TOTAL
				10-11	12-13			
0.00 -	1146	65	22	11	1	2	34	1281
0.75 -	4048	1146	504	83	52	31		5864
1.75 -	583	625	463	101	44	20		1836
2.75 -	66	156	112	10	13	4		361
3.75 -	7	28	12	5	5	3		60
4.75 -			1	3		3		7
5.75 -	1							1
6.75 -								
7.75 -								
8.75 -						1		1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							17	17
TOTAL	5851	2020	1114	213	115	64	51	9428
MAX	6.00	4.50	5.00	5.00	4.50	9.00	.00	9.00



WAVE HEIGHT - PERIOD

SEASON SUMMER

AREA M24H		DATA NUMBER						
(00N-10N, 170E-170W)		MEAN OF DATA						
		2232						
		1.60 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	231	10	13	1			12	267
0.75 -	642	294	125	30	10	7		1108
1.75 -	131	292	188	31	7	4		653
2.75 -	21	77	60	9	5			172
3.75 -	1	2	16	5	1			25
4.75 -				1	1			2
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							5	5
TOTAL	1026	675	402	77	24	11	17	2232
MAX	4.00	4.00	4.50	5.50	5.00	2.50	.00	5.50

AREA W04		DATA NUMBER						
(50N-55N, 150W-130W)		MEAN OF DATA						
		16338						
		1.71 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1210	175	85	58			52	1580
0.75 -	3336	2553	1039	464	242	34	70	7738
1.75 -	901	1699	1227	445	132	58	23	4485
2.75 -	156	543	446	200	68	29	13	1455
3.75 -	28	123	166	79	32	9	1	438
4.75 -	9	25	53	36	14	7		144
5.75 -		11	14	10	6	15		56
6.75 -		4	2	5	7	13		31
7.75 -		3		2	1			6
8.75 -			1					1
9.75 -					1			1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	193	8	3				199	403
TOTAL	5833	5144	3036	1299	503	165	358	16338
MAX	5.50	8.00	9.00	8.50	10.00	7.50	4.00	10.00

AREA W01		DATA NUMBER						
(55N-65N, 170W-160W)		MEAN OF DATA						
		6465						
		1.33 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1116	140	41	33			5	1335
0.75 -	1790	976	251	23	29	4	7	3080
1.75 -	365	461	339	90	5	4		1264
2.75 -	20	92	96	48	14	2	1	273
3.75 -	6	11	35	27	12	9		100
4.75 -			3	8	3			14
5.75 -		4	8	8	1			21
6.75 -			2					2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	269	4	6				97	376
TOTAL	3566	1688	781	237	64	19	110	6465
MAX	4.50	6.00	7.00	6.50	6.00	4.50	3.00	7.00

AREA W05		DATA NUMBER						
(45N-50N, 170W-150W)		MEAN OF DATA						
		12294						
		1.78 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	738	172	42	35			28	1015
0.75 -	2476	2209	683	158	174	27	54	5781
1.75 -	718	1383	1044	287	101	32	28	3593
2.75 -	104	429	447	141	59	16	8	1204
3.75 -	7	97	187	53	41	14	3	402
4.75 -	3	21	32	19	4	2		81
5.75 -		4	16	6	8	5		39
6.75 -		1	2	1	5			9
7.75 -		1	3	1		3		8
8.75 -			2	1		1		4
9.75 -			1	1				2
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM	91	9	2				53	155
TOTAL	4137	4326	2462	703	392	100	174	12294
MAX	5.50	8.00	12.00	10.00	7.50	9.50	4.50	12.00

AREA W02		DATA NUMBER						
(55N-65N, 160W-130W)		MEAN OF DATA						
		10138						
		1.31 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1358	227	82	72			24	1763
0.75 -	2565	1264	531	123	153	24	42	4702
1.75 -	535	717	330	130	68	58	19	1857
2.75 -	92	240	131	52	27	17	2	561
3.75 -	17	35	40	20	15	6		133
4.75 -	1	11	7	5	3	3	1	31
5.75 -		3	3			7		13
6.75 -		1	3	5	2			11
7.75 -			2					2
8.75 -				1				1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	477	1	1				585	1064
TOTAL	5045	2499	1130	408	268	115	673	10138
MAX	5.00	7.50	8.00	9.50	7.50	6.50	5.50	9.50

AREA W06		DATA NUMBER						
(45N-50N, 150W-130W)		MEAN OF DATA						
		14180						
		1.66 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1068	190	90	58			28	1434
0.75 -	3312	2386	796	237	187	33	83	7034
1.75 -	754	1578	983	308	90	50	38	3793
2.75 -	119	391	406	160	35	13	8	1132
3.75 -	16	93	146	52	17	3		327
4.75 -	1	29	35	12	4	4	1	86
5.75 -		4	14	13	5	2	2	40
6.75 -		7	3		3			13
7.75 -		7	1	2				10
8.75 -						3		3
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	147	4	2				155	308
TOTAL	5417	4689	2476	842	341	108	307	14180
MAX	5.00	8.50	8.50	8.00	7.50	9.50	6.00	9.50

AREA W03		DATA NUMBER						
(50N-55N, 170W-150W)		MEAN OF DATA						
		17357						
		1.80 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1326	220	85	55			15	1701
0.75 -	3584	2705	902	219	158	33	48	7649
1.75 -	982	2119	1344	376	77	59	27	4984
2.75 -	194	732	546	223	87	35	10	1827
3.75 -	32	180	263	77	48	27	4	631
4.75 -	9	38	58	37	13	2		157
5.75 -		14	23	14	8	7	1	67
6.75 -		5	6	7	3	4		25
7.75 -			2	5		4		11
8.75 -			1		1	1		3
9.75 -			1	1		1		3
10.75 -					1			1
11.75 -						1		1
12.75 -								
13.75 -								
14.75 -								
CALM	166	3	8				120	297
TOTAL	6293	6016	3239	1014	396	174	225	17357
MAX	5.00	7.50	10.00	10.00	11.00	12.00	6.00	12.00

AREA W07		DATA NUMBER						
(45N-55N, 130W-110W)		MEAN OF DATA						
		S.D. OF DATA						
		11622						
		1.25 M						
		.77 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1557	604	259	55			43	2518
0.75 -	3008	2002	846	166	70	16	47	6155
1.75 -	591	771	390	90	28	32	13	1915
2.75 -	67	172	97	46	24	11	7	424
3.75 -	11	20	13	12	3	6		65
4.75 -	2	4	6	2	2			16
5.75 -			1	1		1		3
6.75 -						1		1
7.75 -						2		2
8.75 -								
9.75 -						1		1
10.75 -				1				1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	193	4	4				320	521
TOTAL	5429	3577	1616	373	127	70	430	11622
MAX	5.00	5.00	6.00	11.00	5.00	10.00	3.00	11.00

WAVE HEIGHT - PERIOD

SEASON SUMMER

AREA W08 (40N-45N, 170W-150W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA S.D. OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	12309 1.84 M 1.93 M
0.00 -	1001	157	54	53			18	1283
0.75 -	2528	2251	763	198	141	36	89	6006
1.75 -	583	1327	1008	246	72	50	30	3316
2.75 -	94	332	349	140	56	19	10	1000
3.75 -	12	56	102	59	26	7		262
4.75 -	2	8	19	12	10	1		52
5.75 -		4	6	1	3	4		18
6.75 -				3	1			4
7.75 -			1			7		8
8.75 -			1	1				2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	195	10	1				152	358
TOTAL	4415	4145	2304	713	309	124	299	12309
MAX	5.00	6.00	9.00	9.00	7.50	8.50	3.50	9.00

AREA W12 (35N-40N, 150W-130W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA S.D. OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	21315 1.39 M 1.77 M
0.00 -	2459	295	141	213			116	3224
0.75 -	5462	3856	1373	381	281	74	184	11611
1.75 -	1015	1809	1170	364	86	90	61	4595
2.75 -	104	323	257	161	40	26	10	921
3.75 -	13	49	43	35	13	10	4	167
4.75 -	4	7	6	5	6	2		30
5.75 -		1	3			4		8
6.75 -			1					1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	368	15	2				373	758
TOTAL	9425	6355	2996	1159	426	206	748	21315
MAX	5.50	6.50	7.00	5.00	5.50	6.00	4.00	7.00

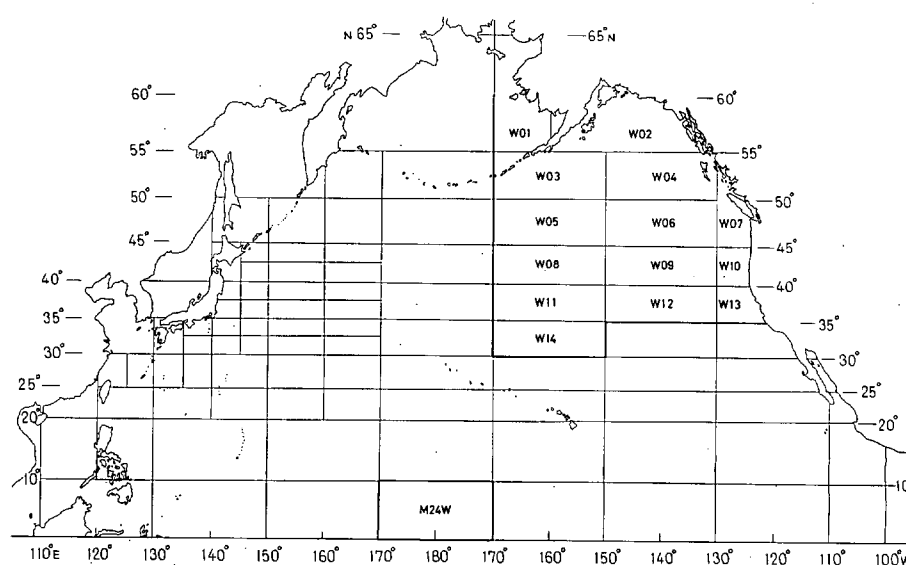
AREA W09 (40N-45N, 150W-130W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA S.D. OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	13753 1.48 M 1.83 M
0.00 -	1476	167	58	38			55	1794
0.75 -	3545	2532	832	191	144	29	89	7362
1.75 -	718	1269	858	224	74	37	25	3205
2.75 -	81	288	245	86	35	24	5	764
3.75 -	22	42	56	32	18	8	1	179
4.75 -	8	6	10	9	1			34
5.75 -		3		6		3		12
6.75 -		5		1	1			7
7.75 -					1			1
8.75 -				1				1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	204	7	1		1		181	394
TOTAL	6054	4319	2060	588	275	101	356	13753
MAX	5.50	7.50	5.50	9.00	8.00	6.00	4.00	9.00

AREA W13 (35N-40N, 130W-110W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA S.D. OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	14890 1.67 M 1.96 M
0.00 -	1222	175	66	55			69	1587
0.75 -	3713	2071	783	199	111	26	92	6995
1.75 -	1182	1487	920	304	95	54	51	4093
2.75 -	187	476	417	186	57	30	11	1364
3.75 -	35	105	122	57	26	15	3	363
4.75 -	12	22	19	25	3	7	2	90
5.75 -		10	9	7	1	7		34
6.75 -		1	3	1	1	1		7
7.75 -					1			1
8.75 -						1		1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	193	1			1		160	355
TOTAL	6544	4348	2339	834	296	141	388	14890
MAX	5.50	7.00	7.50	7.00	8.00	9.50	5.00	9.50

AREA W10 (40N-45N, 130W-110W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA S.D. OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	7851 1.49 M 1.88 M
0.00 -	705	240	123	68			15	1151
0.75 -	1935	1289	685	172	79	24	45	4229
1.75 -	477	603	356	111	35	36	13	1631
2.75 -	94	177	137	46	23	12	6	495
3.75 -	33	35	33	15	7	1		124
4.75 -	7	11	15	5	8	2		48
5.75 -		4	1			1		6
6.75 -								
7.75 -			1					1
8.75 -								
9.75 -						1		1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	79		1				85	165
TOTAL	3330	2359	1352	417	152	77	164	7851
MAX	5.50	6.50	8.00	5.50	5.50	10.00	3.50	10.00

AREA W14 (30N-35N, 170W-150W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA S.D. OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	12161 1.52 M 1.78 M
0.00 -	1359	188	78	74			45	1744
0.75 -	3466	1910	735	251	155	49	129	6695
1.75 -	708	952	608	220	78	61	25	2652
2.75 -	98	174	169	64	33	13	7	558
3.75 -	14	26	24	19	12	5	3	103
4.75 -	4	3	4	1	2	6		20
5.75 -		6						6
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	192	3	1				187	383
TOTAL	5841	3262	1619	629	280	134	396	12161
MAX	5.50	6.00	5.50	5.50	5.50	5.00	4.00	6.00

AREA W11 (35N-40N, 170W-150W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA S.D. OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	15496 1.43 M 1.82 M
0.00 -	1835	237	89	51			40	2252
0.75 -	4081	2560	893	295	219	58	186	8292
1.75 -	758	1274	798	272	135	80	70	3387
2.75 -	83	226	279	115	49	26	12	790
3.75 -	14	39	51	26	15	5	2	152
4.75 -	7	8	14	7	6			42
5.75 -		3	1	2	4	1		11
6.75 -			2		1		1	4
7.75 -			1					1
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	289	12			2		262	565
TOTAL	7067	4359	2128	768	431	170	573	15496
MAX	5.00	6.50	8.50	6.00	7.00	6.00	7.00	8.50



WAVE HEIGHT - PERIOD

SEASON SUMMER

AREA W15								
(30N-35N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	2458	381	163	81				3166
0.75 -	6138	3964	1612	455	275	52	188	12684
1.75 -	936	1620	974	314	121	115	63	4143
2.75 -	107	226	220	103	39	31	17	743
3.75 -	16	35	36	18	14	4	1	124
4.75 -	2	16	10	4	3			35
5.75 -		3	3	1		1		8
6.75 -		2	1					3
7.75 -				1				1
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	410	10	1				408	829
TOTAL	10067	6257	3020	977	452	203	760	21736
MAX	5.50	7.50	7.00	8.50	5.50	6.00	4.50	8.50

AREA W19								
(25N-30N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	1656	215	86	66				2063
0.75 -	4004	2271	815	248	175	40	68	7621
1.75 -	580	1093	625	236	109	58	18	2719
2.75 -	82	180	163	73	24	13	5	540
3.75 -	12	37	21	18	6	3		97
4.75 -	3	4	13	3	4			27
5.75 -		3	1	1		1		6
6.75 -		1	1					2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	232	4	4				247	487
TOTAL	6569	3808	1729	645	318	115	378	13562
MAX	5.00	7.00	7.00	6.00	5.00	5.00	3.00	7.00

AREA W16								
(30N-35N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	4923	763	271	143			111	6211
0.75 -	6087	3102	1022	261	157	24	65	10718
1.75 -	1092	1419	770	271	67	44	20	3683
2.75 -	132	299	281	97	40	16	4	869
3.75 -	28	77	60	50	13	7	1	236
4.75 -	2	9	13	5	3		2	34
5.75 -		2	4		1	2		9
6.75 -		2		1	2			5
7.75 -			1					1
8.75 -								
9.75 -				1				1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	572	9	12				626	1219
TOTAL	12836	5682	2434	829	283	93	829	22986
MAX	5.50	7.50	8.00	10.50	7.50	6.00	5.00	10.50

AREA W20								
(20N-25N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	1865	240	80	44			35	2264
0.75 -	7142	3558	1085	303	124	32	136	12380
1.75 -	1497	2037	1075	314	140	77	72	5212
2.75 -	156	323	250	91	61	24	8	913
3.75 -	24	59	49	42	11		2	187
4.75 -	1	7	6	5	2	2	1	24
5.75 -		1		2				3
6.75 -		2	1					3
7.75 -				1				1
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	130	6	2		1		112	251
TOTAL	10815	6233	2548	802	339	135	366	21238
MAX	5.00	7.00	7.00	8.00	5.50	5.00	5.50	8.00

AREA W17								
(25N-30N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	670	74	22	14			19	799
0.75 -	2109	1220	474	116	71	9	66	4065
1.75 -	369	682	470	118	47	17	28	1731
2.75 -	38	124	108	39	19	7	5	340
3.75 -	6	15	32	11	10	2		76
4.75 -	1	3	2		2			8
5.75 -				2				2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	65		2				50	117
TOTAL	3258	2118	1110	300	149	35	168	7138
MAX	5.50	5.00	5.50	6.50	5.50	4.00	3.50	6.50

AREA W21								
(20N-25N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	473	35	27	13			9	557
0.75 -	2171	1095	377	73	81	23	44	3864
1.75 -	580	826	455	141	35	25	15	2077
2.75 -	72	143	126	38	11	6	2	398
3.75 -	9	17	17	17	3	1		64
4.75 -		2	1	1	1			5
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	24						14	38
TOTAL	3329	2118	1003	283	131	55	84	7003
MAX	4.50	5.50	5.00	5.00	5.00	4.00	3.00	5.50

AREA W18								
(25N-30N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	1809	273	131	57			49	2319
0.75 -	5308	2824	1053	302	200	33	135	9855
1.75 -	844	1280	781	175	81	53	66	3280
2.75 -	61	181	196	59	28	23	8	556
3.75 -	4	28	26	6	7	4		75
4.75 -		6	8		3	7		24
5.75 -		3	5	1		2		11
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	225	3	2				183	413
TOTAL	8251	4598	2202	600	319	122	441	16533
MAX	4.50	6.00	6.00	6.00	5.00	6.00	3.50	6.00

AREA W22								
(20N-25N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	MEAN OF DATA	S.D. OF DATA	
0.00 -	1444	182	88	65			34	1813
0.75 -	2925	1855	720	233	175	32	59	5999
1.75 -	442	693	480	199	68	51	25	1958
2.75 -	49	128	127	45	28	18	5	400
3.75 -	12	20	29	13	6	4		84
4.75 -	1	10	7	3	4	1		26
5.75 -			4			2	1	7
6.75 -			1					1
7.75 -			2					2
8.75 -					1			1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	227	1	5		1		167	401
TOTAL	5100	2889	1463	558	283	108	291	10692
MAX	5.00	5.50	8.00	5.00	9.50	6.50	6.00	9.50

WAVE HEIGHT - PERIOD

SEASON SUMMER

AREA W23 (10N-20N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	369	78	16	8			3	474
0.75 -	1966	1093	418	129	106	20	38	3370
1.75 -	484	901	626	197	43	29	32	2312
2.75 -	57	116	137	66	22	7	10	415
3.75 -	7	35	26	15	9	2	2	96
4.75 -	2	2	1	7		2	1	15
5.75 -				1		1		2
6.75 -		1	1					2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	41	3	1				23	68
TOTAL	2526	2229	1226	423	180	61	109	6754
MAX	5.00	7.50	7.00	6.00	4.50	6.00	5.50	7.50

AREA W27 (00N-10N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	103	6	3	6			7	125
0.75 -	473	329	120	28	28	12	25	1015
1.75 -	75	146	113	50	7	11	3	405
2.75 -	5	57	44	8	8	8		130
3.75 -		15	3	3				21
4.75 -	1							1
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	15		1				8	24
TOTAL	672	553	284	95	43	31	43	1721
MAX	5.00	4.00	4.00	4.50	3.50	3.50	2.50	5.00

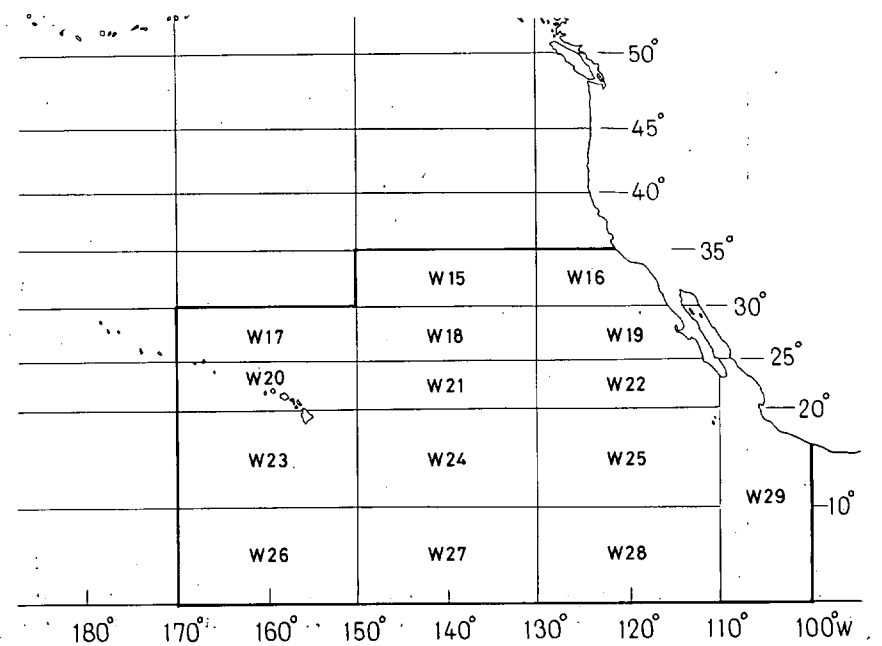
AREA W24 (10N-20N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	294	35	7	16			6	358
0.75 -	1940	1058	396	115	83	37	65	3694
1.75 -	707	813	568	236	49	44	43	2460
2.75 -	47	140	91	32	16	4	1	331
3.75 -	2	34	44	7	4	1		92
4.75 -		7		1	1	1		10
5.75 -					1	1		2
6.75 -		1						1
7.75 -						1		1
8.75 -								
9.75 -								
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM	36						17	53
TOTAL	3026	2088	1107	407	154	89	132	7003
MAX	4.00	7.50	12.00	5.50	6.00	8.50	3.00	12.00

AREA W28 (00N-10N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	117	9	4	26			4	160
0.75 -	394	290	124	30	20	6	27	891
1.75 -	75	168	166	62	7	14	18	510
2.75 -	6	45	63	18	10	6		148
3.75 -		4	1			2		7
4.75 -					1			1
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	11						13	24
TOTAL	603	516	358	136	38	28	62	1741
MAX	3.50	4.00	4.00	3.50	5.00	4.50	2.50	5.00

AREA W25 (10N-20N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	1059	107	29	25			24	1244
0.75 -	3224	1663	640	224	177	51	93	6072
1.75 -	673	1068	613	176	67	66	66	2729
2.75 -	79	211	170	80	29	17	11	597
3.75 -	16	30	66	32	12	5	1	162
4.75 -	4	5	11	4	1	1	2	28
5.75 -		1	2		3	2	1	9
6.75 -			4			1		5
7.75 -		1						1
8.75 -						2		2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	125		1				87	213
TOTAL	5180	3086	1536	541	289	145	285	11062
MAX	5.50	8.00	7.50	5.00	6.00	9.50	6.00	9.50

AREA W29 (00N-35N, 110W-100W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	3398	476	180	163			113	4330
0.75 -	5613	3806	1680	590	446	127	254	12516
1.75 -	850	1390	944	357	172	112	82	3907
2.75 -	125	283	308	122	73	48	10	969
3.75 -	49	87	89	40	19	9	1	294
4.75 -	11	17	25	8	4	8		73
5.75 -		3	3	3	2	6		17
6.75 -				1				1
7.75 -								
8.75 -			4					4
9.75 -							1	1
10.75 -			1					1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	755	18	8		1		858	1640
TOTAL	10801	6080	3242	1284	717	310	1319	23753
MAX	5.00	6.00	11.00	7.50	6.00	6.50	10.00	11.00

AREA W26 (00N-10N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	186	55	14	2			17	274
0.75 -	552	289	119	16	19	4	42	1041
1.75 -	81	219	106	36	13	6	21	482
2.75 -	2	39	35	20	9	3		108
3.75 -		4	13	9				26
4.75 -		1						1
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	13						12	25
TOTAL	834	607	287	83	41	13	92	1957
MAX	3.00	5.00	4.50	4.50	3.00	3.50	2.50	5.00



AREA	E05N							DATA NUMBER	2794
(37.5N-40N, 140E-145E)		PERIOD (SEC)						MEAN OF DATA	1.59 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	427	22	6	8			19	482	
0.75 -	815	259	60	24	10	10		1178	
1.75 -	235	239	111	22	12	2		621	
2.75 -	49	72	97	13	18	3		252	
3.75 -	14	29	42	8	4	4		101	
4.75 -		2	12	2	1	1		18	
5.75 -		4	7	2				13	
6.75 -		5		1		1		7	
7.75 -				2				2	
8.75 -			1					1	
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							119	119	
TOTAL	1540	632	336	82	45	21	138	2794	
MAX	4.50	7.00	9.00	8.00	5.00	7.50	.00	9.00	

WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA E05S (35N-37.5N, 140E-145E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	352	14	10	8			16	400
0.75 -	1273	357	146	30	24	16		1846
1.75 -	537	486	280	56	29	19		1407
2.75 -	127	207	206	48	26	11		625
3.75 -	25	73	105	35	14	12		264
4.75 -	5	15	27	18	3			68
5.75 -	2	11	8	10	2			33
6.75 -		10	5	2		3		20
7.75 -				2		2		4
8.75 -				1		1		2
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							24	24
TOTAL	2321	1173	787	210	98	64	40	4693
MAX	6.50	7.00	7.50	9.00	6.00	9.00	.00	9.00

AREA E08 (30N-35N, 130E-135E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	1209	33	41	4	2	6	72	1367
0.75 -	2301	557	196	44	28	16		3142
1.75 -	610	483	262	46	38	18		1457
2.75 -	185	194	169	45	35	14		642
3.75 -	45	50	61	17	13	5		191
4.75 -	2	15	16	6	6	1		46
5.75 -	1	3	8	1		1		14
6.75 -	1	7	4	1	3			16
7.75 -	1		3	1				5
8.75 -			7		1			8
9.75 -			1	1	1			3
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							79	79
TOTAL	4355	1342	768	166	127	61	151	6970
MAX	8.00	7.00	10.00	10.00	10.00	6.50	.00	10.00

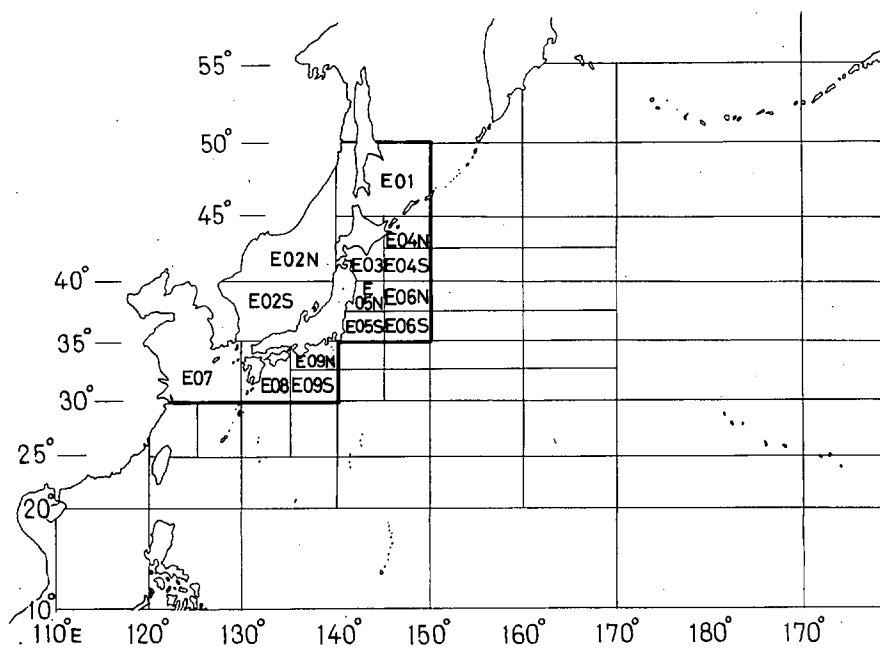
AREA E06N (37.5N-40N, 145E-150E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	378	17	6	1			6	408
0.75 -	1670	627	204	54	23	10		2588
1.75 -	782	779	591	117	38	22		2329
2.75 -	260	405	315	118	42	19		1159
3.75 -	26	129	172	53	41	13		434
4.75 -	3	28	50	14	6	2		103
5.75 -	3	5	11	18	5	9		51
6.75 -	2	17	9	5	3	3		39
7.75 -	1	6	4	1	7	5		24
8.75 -		4	3	2		1		10
9.75 -			1	5				6
10.75 -								
11.75 -								
12.75 -								
13.75 -		1						1
14.75 -	1							1
CALM							6	6
TOTAL	3126	2018	1366	388	165	84	12	7159
MAX	16.00	14.50	10.00	10.00	8.50	9.00	.00	16.00

AREA E09N (32.5N-35N, 135E-140E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	859	29	21	3	1	1	36	950
0.75 -	1356	316	167	31	14	3		1887
1.75 -	516	267	140	41	16	9		989
2.75 -	159	124	98	27	15	5		428
3.75 -	36	27	60	13	12	7		155
4.75 -	2	13	11	7	5	1		39
5.75 -	1	6	2	4	2			15
6.75 -		6	2	3		1		12
7.75 -		2	1	1	1			5
8.75 -			1	1				2
9.75 -			1					1
10.75 -								
11.75 -				3				3
12.75 -								
13.75 -								
14.75 -								
CALM							30	30
TOTAL	2929	730	504	134	66	27	66	4516
MAX	6.00	8.50	10.00	12.00	8.00	7.00	.00	12.00

AREA E06S (35N-37.5N, 145E-150E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	258	8	5	4		2	16	293
0.75 -	1399	418	193	27	11	10		2058
1.75 -	715	672	475	104	35	18		2019
2.75 -	205	364	302	93	55	10		1029
3.75 -	59	108	161	54	34	9		425
4.75 -	8	23	42	4	9	6		92
5.75 -	5	6	5	4	5	3		28
6.75 -	5	24	11	4	7			51
7.75 -		5	9	1	2			17
8.75 -	1	1	3		3	1		9
9.75 -			1					1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							9	9
TOTAL	2655	1629	1207	295	161	59	25	6031
MAX	9.00	9.00	10.00	8.00	9.00	9.00	.00	10.00

AREA E09S (30N-32.5N, 135E-140E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	419	26	14				17	476
0.75 -	1324	488	252	30	15	8		2117
1.75 -	459	434	310	52	31	14		1300
2.75 -	97	197	173	44	46	20		577
3.75 -	32	53	101	33	22	9		250
4.75 -	3	12	19	2	15	3		54
5.75 -	5	4	10	2	14	9		44
6.75 -	1	4	3	1	1	5		15
7.75 -		1	2	1	12	2		18
8.75 -	2			1		1		4
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							12	12
TOTAL	2342	1219	884	166	156	71	29	4867
MAX	9.00	8.50	8.00	9.00	8.50	9.50	.00	9.50

AREA E07 (30N-40N, 120E-130E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	1110	34	23	5	2	2	54	1230
0.75 -	2180	443	127	25	30	31		2836
1.75 -	532	346	159	27	20	15		1099
2.75 -	125	151	97	23	11	6		413
3.75 -	37	46	33	4	7	5		132
4.75 -	7	7	12	7		2		35
5.75 -	2	5	7		1	1		16
6.75 -	1	8	3		1	2		15
7.75 -		2				3		5
8.75 -				1	2			3
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							59	59
TOTAL	3994	1042	461	92	74	67	113	5843
MAX	7.00	8.50	7.50	9.00	9.50	8.50	.00	9.50



WAVE HEIGHT - PERIOD

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AREA E10N		DATA NUMBER							5418
(32.5N-35N, 140E-145E)		MEAN OF DATA							2.19 M
		PERIOD (SEC)							
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	301	7	1	4	1		16	330	
0.75 -	1406	371	157	24	24	16		1998	
1.75 -	725	436	343	62	21	24		1611	
2.75 -	259	267	266	75	42	23		932	
3.75 -	55	86	148	36	15	13		353	
4.75 -	6	20	44	8	12	3		93	
5.75 -	6	5	12	4	3	4		34	
6.75 -	1	15	11	2	5	4		38	
7.75 -		3	3		3	4		13	
8.75 -	1	2	2		1			6	
9.75 -				1				1	
10.75 -						1		1	
11.75 -			1	2		2		5	
12.75 -					1			1	
13.75 -									
14.75 -									
CALM							2	2	
TOTAL	2760	1212	988	218	128	94	18	5418	
MAX	9.00	9.00	12.50	12.00	13.00	12.50	.00	13.00	

AREA E12W		DATA NUMBER							8211
(25N-30N, 120E-125E)		MEAN OF DATA							1.93 M
		PERIOD (SEC)							
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	964	19	16	5	4	2	81	1091	
0.75 -	2427	639	165	25	25	31		3312	
1.75 -	907	669	359	64	33	21		2053	
2.75 -	347	321	241	58	43	8		1018	
3.75 -	121	106	124	49	15	9		424	
4.75 -	19	40	38	11	11	3		122	
5.75 -	7	20	24	17	12	2		82	
6.75 -	8	15	19	5	9	4		60	
7.75 -		9		3	2	1		15	
8.75 -		1	4			2		7	
9.75 -						1		1	
10.75 -						1		1	
11.75 -				1	1	1		3	
12.75 -									
13.75 -									
14.75 -									
CALM							22	22	
TOTAL	4800	1839	990	238	155	86	103	8211	
MAX	7.00	9.00	9.50	12.00	12.50	12.00	.00	12.50	

AREA E10S		DATA NUMBER							2866
(30N-32.5N, 140E-145E)		MEAN OF DATA							2.08 M
		PERIOD (SEC)							
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	158	8	9	3		1	11	190	
0.75 -	630	324	188	13	4	3		1162	
1.75 -	227	261	288	53	13	7		849	
2.75 -	59	113	147	59	24	11		413	
3.75 -	24	27	63	27	20	5		166	
4.75 -	2	14	22	3	5	3		49	
5.75 -	1	1	4	2	6	4		18	
6.75 -		3	3	1	3			10	
7.75 -									
8.75 -				2				2	
9.75 -									
10.75 -									
11.75 -			2					2	
12.75 -									
13.75 -									
14.75 -		1				1		2	
CALM							3	3	
TOTAL	1101	752	726	163	75	35	14	2866	
MAX	6.00	15.00	12.00	9.00	7.50	15.00	.00	15.00	

AREA E12E		DATA NUMBER							12890
(25N-30N, 125E-130E)		MEAN OF DATA							1.74 M
		PERIOD (SEC)							
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1579	72	16	13	4	9	66	1759	
0.75 -	4293	1137	335	42	51	30		5888	
1.75 -	1339	1123	622	119	63	12		3278	
2.75 -	360	412	319	92	58	20		1261	
3.75 -	60	125	132	57	36	18		428	
4.75 -	4	10	41	17	18	7		97	
5.75 -	1	4	21	8	29	4		67	
6.75 -	1	9	16	8	7			41	
7.75 -	1	3	4	3				11	
8.75 -		1		1	2	3		7	
9.75 -					4	4		8	
10.75 -									
11.75 -				2				2	
12.75 -									
13.75 -									
14.75 -									
CALM							43	43	
TOTAL	7638	2896	1506	362	272	107	109	12890	
MAX	8.50	9.00	8.50	12.00	10.50	10.00	.00	12.00	

AREA E11N		DATA NUMBER							6411
(32.5N-35N, 145E-150E)		MEAN OF DATA							2.35 M
		PERIOD (SEC)							
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	256	11	1	5		2	18	293	
0.75 -	1406	389	212	21	17	10		2055	
1.75 -	795	537	523	105	36	27		2023	
2.75 -	283	381	427	88	41	12		1232	
3.75 -	61	117	232	51	25	12		498	
4.75 -	13	36	50	23	18	7		147	
5.75 -	3	14	6	2	14	9		48	
6.75 -	3	31	18	8	10	2		72	
7.75 -	6	2	4	2	6	5		25	
8.75 -				1	2	1		4	
9.75 -			4	1	5			10	
10.75 -									
11.75 -				1				1	
12.75 -									
13.75 -									
14.75 -									
CALM							3	3	
TOTAL	2826	1518	1477	308	174	87	21	6411	
MAX	8.00	8.00	10.00	12.00	10.00	9.00	.00	12.00	

AREA E13W		DATA NUMBER							15188
(25N-30N, 130E-135E)		MEAN OF DATA							1.82 M
		PERIOD (SEC)							
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1341	70	25	9	4	1	61	1511	
0.75 -	4332	1611	861	124	74	24		7026	
1.75 -	1218	1291	1194	297	126	23		4149	
2.75 -	275	528	493	197	124	16		1623	
3.75 -	75	120	162	90	76	23		546	
4.75 -	6	29	55	37	21	6		154	
5.75 -	11	13	18	18	12	7		79	
6.75 -	8	13	8	3	4	5		41	
7.75 -	1	1	4	2	3	1		12	
8.75 -		2	2	3	1	1		9	
9.75 -			1					1	
10.75 -									
11.75 -				2				2	
12.75 -									
13.75 -									
14.75 -									
CALM							35	35	
TOTAL	7267	3678	2813	782	445	107	96	15188	
MAX	8.00	9.50	10.00	12.00	9.00	9.00	.00	12.00	

AREA E11S		DATA NUMBER							3036
(30N-32.5N, 145E-150E)		MEAN OF DATA							2.20 M
		PERIOD (SEC)							
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	156	4	6	1			6	173	
0.75 -	634	261	160	10	13	6		1084	
1.75 -	304	301	278	51	17	10		961	
2.75 -	90	156	183	41	27	6		503	
3.75 -	14	52	91	20	16	7		200	
4.75 -	3	16	23	6	12	4		64	
5.75 -		5	6	5	3	3		22	
6.75 -	1	7	5		2	1		16	
7.75 -				1	2	2		5	
8.75 -	1	1	1	1	1			5	
9.75 -					1			1	
10.75 -					1			1	
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							1	1	
TOTAL	1203	803	753	136	95	39	7	3036	
MAX	9.00	9.00	9.00	9.00	11.50	8.00	.00	11.50	

AREA E13E		DATA NUMBER							10961
(25N-30N, 135E-140E)		MEAN OF DATA							2.01 M
		PERIOD (SEC)							
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	786	72	64	8	6	1	57	994	
0.75 -	2359	1045	772	133	52	31		4392	
1.75 -	807	948	1020	345	145	20		3285	
2.75 -	196	406	498	177	97	26		1400	
3.75 -	44	138	164	75	44	41		506	
4.75 -	3	17	41	18	31	13		123	
5.75 -	2	18	16	26	45	5		112	
6.75 -	2	15	20	11	8	11		67	
7.75 -	1	1	4	4	15	3		28	
8.75 -	1	2	3	1	4	4		15	
9.75 -					2	2		4	
10.75 -						1		1	
11.75 -				1				1	
12.75 -			1					1	
13.75 -									
14.75 -									
CALM							32	32	
TOTAL	4201	2662	2603	799	449	158	89	10961	
MAX	9.00	9.50	13.50	12.00	10.00	11.50	.00	13.50	

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AREA E14 (25N-30N, 140E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 8891 1.87 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	755	29	41	6	2	5	63	901
0.75 -	2269	966	537	66	52	29		3919
1.75 -	713	824	711	148	72	27		2495
2.75 -	177	292	352	107	97	31		1056
3.75 -	30	58	135	36	43	20		322
4.75 -	7	20	31	15	8	8		89
5.75 -	1	4	16	2	6	7		36
6.75 -	3	3	3	2	7	6		24
7.75 -		1		7	5			13
8.75 -				3	3	1		7
9.75 -			7		1			8
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM							20	20
TOTAL	3955	2197	1834	392	296	134	83	8891
MAX	7.00	8.00	12.00	9.50	10.00	9.00	.00	12.00

AREA E18 (20N-25N, 140E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 9924 1.96 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	649	32	25	10	3	6	49	774
0.75 -	2446	1130	579	78	65	47		4345
1.75 -	773	992	846	220	113	40		2984
2.75 -	217	328	378	128	116	27		1194
3.75 -	36	62	142	56	51	14		361
4.75 -	4	28	37	10	6	6		91
5.75 -	3	16	16	5	13	8		61
6.75 -	3	8	8	5	8	10		42
7.75 -	1	5	2	18	10	4		40
8.75 -				1	2			3
9.75 -		1	9		1	1		12
10.75 -								
11.75 -				2	1	2		5
12.75 -				1				1
13.75 -							1	1
14.75 -							2	2
CALM							8	8
TOTAL	4132	2602	2042	534	389	168	57	9924
MAX	8.00	10.00	10.00	13.00	12.00	15.00	.00	15.00

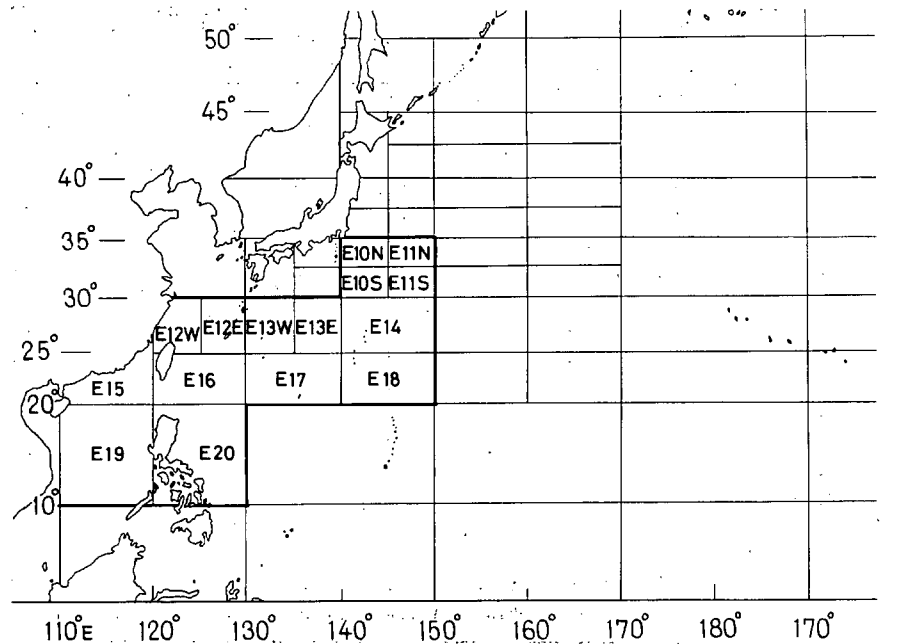
AREA E15 (20N-30N, 110E-120E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 1480 2.58 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	59	5	1	1		1	2	69
0.75 -	272	82	25	3	11			393
1.75 -	196	125	110	28	1	2		462
2.75 -	84	85	79	37	12	6		303
3.75 -	22	24	52	15	15	1		129
4.75 -	2	6	30	15	8	1		62
5.75 -		6	18	2	5			31
6.75 -		8	5	4	2			19
7.75 -			2	3	1			6
8.75 -			2		2			4
9.75 -			1		1			2
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM								
TOTAL	635	341	325	108	58	11	2	1480
MAX	5.50	7.00	10.00	8.50	10.00	5.00	.00	10.00

AREA E19 (10N-20N, 110E-120E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 33470 1.93 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3917	176	73	17	4	8	121	4316
0.75 -	9248	2911	982	100	40	23		13304
1.75 -	3343	2766	1905	436	103	34		8588
2.75 -	872	1594	1281	457	211	37		4452
3.75 -	181	463	628	222	165	28		1687
4.75 -	11	37	253	93	54	11		509
5.75 -	5	23	72	43	67	19		229
6.75 -	7	37	48	31	42	9		174
7.75 -	1	4	18	3	15	3		44
8.75 -	4	10	5	6	10	9		44
9.75 -		6	11	2	1	6		26
10.75 -	1		1	3				5
11.75 -				4		1		5
12.75 -								
13.75 -								
14.75 -								
CALM							87	87
TOTAL	17590	8077	5278	1417	712	188	208	33470
MAX	11.00	10.00	11.50	12.00	10.00	12.00	.00	12.00

AREA E16 (20N-25N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 33031 2.04 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2847	110	49	29	9	6	93	3143
0.75 -	8917	2661	960	135	84	56		12813
1.75 -	3803	2644	2145	489	163	51		9295
2.75 -	1201	1464	1286	429	275	62		4717
3.75 -	300	500	658	220	137	54		1869
4.75 -	27	92	219	75	61	37		511
5.75 -	18	57	92	44	42	23		276
6.75 -	13	101	30	24	37	7		212
7.75 -	9	8	16	10	9	5		57
8.75 -	1	2	15	2	3	4		27
9.75 -			15	5	7	1		29
10.75 -			1		1			2
11.75 -			2	13		1		16
12.75 -								
13.75 -					1			1
14.75 -		1	1					2
CALM							61	61
TOTAL	17136	7640	5490	1475	829	307	154	33031
MAX	9.00	15.00	16.50	12.50	14.00	12.00	.00	16.50

AREA E20 (10N-20N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 28267 1.83 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3215	152	46	26	9	17	229	3694
0.75 -	7906	2718	1125	158	105	82		12094
1.75 -	2336	2295	1945	406	153	61		7196
2.75 -	602	1044	1024	329	227	51		3277
3.75 -	102	326	480	133	160	45		1246
4.75 -	20	57	144	36	67	19		343
5.75 -	9	24	49	29	26	16		153
6.75 -	4	14	19	15	24	21		97
7.75 -	1	8	5	5	6	1		26
8.75 -			3	1	2	4		10
9.75 -	1		3		7			11
10.75 -								
11.75 -				5				5
12.75 -								
13.75 -				1				1
14.75 -					1	1		2
CALM							112	112
TOTAL	14196	6638	4843	1144	787	318	341	28267
MAX	10.00	8.00	10.00	14.00	15.00	15.00	.00	15.00

AREA E17 (20N-25N, 130E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 14547 1.99 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	867	54	20	13	2	2	39	997
0.75 -	3565	1607	701	76	64	22		6035
1.75 -	1213	1604	1404	267	107	37		4632
2.75 -	278	590	706	206	152	27		1959
3.75 -	53	133	197	93	83	18		577
4.75 -	3	32	67	33	22	10		167
5.75 -	2	18	25	14	11	6		76
6.75 -	1	12	13	12	6	8		52
7.75 -		3		10	3	4		20
8.75 -		1		5	2	3		11
9.75 -					1	1		2
10.75 -								
11.75 -				3				3
12.75 -								
13.75 -								
14.75 -								
CALM							16	16
TOTAL	5982	4054	3133	732	453	138	55	14547
MAX	7.00	9.50	7.50	12.00	10.00	10.00	.00	12.00



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AREA E21 (10N-20N, 130E-150E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	39300 1.84 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3181	168	75	46	30	32	243	3775
0.75 -	10479	4401	2136	337	216	128		17697
1.75 -	2937	4113	3371	676	368	130		11595
2.75 -	578	1418	1517	394	236	93		4236
3.75 -	104	286	456	116	158	59		1179
4.75 -	19	87	148	40	52	21		367
5.75 -	6	55	31	33	37	39		201
6.75 -	3	36	18	18	12	9		96
7.75 -		6	5	9	5	6		31
8.75 -	1		5	2		1		9
9.75 -	1		7		2	1		11
10.75 -					1	8		9
11.75 -		1		5	1			7
12.75 -			1					1
13.75 -								
14.75 -		1	1	1				3
CALM							83	83
TOTAL	17309	10572	7771	1677	1118	527	326	39300
MAX	10.00	16.50	20.00	15.00	12.00	11.50	.00	20.00

AREA M04 (45N-50N, 160E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	15439 2.56 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	385	10	20	15	2	1	4	437
0.75 -	2777	1000	433	63	47	8		4328
1.75 -	1656	1688	1328	333	82	25		5112
2.75 -	563	1027	911	321	192	65		3079
3.75 -	139	394	495	187	135	57		1407
4.75 -	18	97	189	62	54	15		435
5.75 -	6	27	69	37	52	26		217
6.75 -	2	96	70	20	34	24		246
7.75 -	4	19	26	14	28	11		102
8.75 -	1	4	6	9	8	6		34
9.75 -		5	7		6	3		21
10.75 -		1	1					2
11.75 -		2		12				14
12.75 -						1		1
13.75 -								
14.75 -					2			2
CALM							2	2
TOTAL	5551	4370	3555	1073	642	242	6	15439
MAX	9.00	12.00	11.00	12.00	15.00	13.50	.00	15.00

AREA E22 (00N-10N, 110E-130E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	7565 1.25 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1995	65	37	6	8	7	121	2239
0.75 -	2238	695	355	48	57	28		3421
1.75 -	337	417	254	69	21	8		1106
2.75 -	78	147	146	32	15	5		423
3.75 -	14	37	44	10	6	3		114
4.75 -	2	11	3	3	1	2		22
5.75 -		2	3		3	1		9
6.75 -		4	2					6
7.75 -		2	1					3
8.75 -								
9.75 -		2	1					3
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							219	219
TOTAL	4664	1382	846	168	111	54	340	7565
MAX	5.50	10.00	10.00	5.50	6.50	6.00	.00	10.00

AREA M05W (45N-50N, 170E-170W)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	19204 2.69 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	441	34	9	23			3	510
0.75 -	3075	1119	518	53	28	6		4799
1.75 -	2248	1901	1490	416	137	50		6242
2.75 -	806	1484	1290	352	199	75		4206
3.75 -	200	484	759	189	155	75		1862
4.75 -	33	137	309	79	78	21		657
5.75 -	13	71	121	47	39	21		312
6.75 -	13	125	98	38	44	20		338
7.75 -	9	11	29	11	25	22		107
8.75 -	3	16	14	16	25	22		96
9.75 -		5	9	2	6	6		28
10.75 -					1	1		2
11.75 -		3		3		1		7
12.75 -		1						1
13.75 -		2			4			6
14.75 -		8	2	1	13	3		27
CALM							4	4
TOTAL	6841	5401	4648	1230	754	323	7	19204
MAX	9.00	20.00	15.00	15.00	17.50	15.00	.00	20.00

AREA E23 (00N-10N, 130E-150E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	8950 1.30 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1585	111	74	17	7	4	112	1910
0.75 -	2436	1519	769	89	80	62		4955
1.75 -	424	564	470	73	42	9		1582
2.75 -	40	108	155	27	13	3		346
3.75 -	1	18	35	2	1	1		58
4.75 -	1	2	9		1			13
5.75 -								
6.75 -		1						1
7.75 -								
8.75 -								
9.75 -					1			1
10.75 -	1							1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							83	83
TOTAL	4488	2323	1512	208	145	79	195	8950
MAX	11.50	7.00	5.00	4.00	10.00	4.00	.00	11.50

AREA M06N (42.5N-45N, 150E-160E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	10284 2.32 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	446	25	18	13	3		19	524
0.75 -	2282	746	367	62	39	14		3510
1.75 -	1062	988	801	197	48	26		3122
2.75 -	364	656	547	183	72	29		1851
3.75 -	77	204	292	91	57	39		760
4.75 -	8	53	93	14	28	8		204
5.75 -	3	14	46	14	15	9		101
6.75 -	3	58	28	17	15	11		132
7.75 -	1	8	13	4	9	4		39
8.75 -		2	4		1	2		9
9.75 -		3	4	4		1		12
10.75 -					1			1
11.75 -			1	3				4
12.75 -			2					2
13.75 -			1					1
14.75 -								
CALM							12	12
TOTAL	4246	2757	2217	602	288	143	31	10284
MAX	8.50	10.00	14.00	12.00	11.00	10.00	.00	14.00

AREA M03 (45N-50N, 150E-160E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	5837 2.36 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	222	8	8	6			10	254
0.75 -	1241	463	209	31	17	3		1964
1.75 -	578	595	459	82	28	4		1746
2.75 -	203	392	325	86	69	19		1094
3.75 -	47	126	191	37	38	20		459
4.75 -	10	37	52	12	13	9		133
5.75 -	2	9	34	10	11	2		68
6.75 -	3	31	21	8	8	7		78
7.75 -	1	3	2	3	8	6		23
8.75 -		1		3	6			10
9.75 -				1	2			3
10.75 -								
11.75 -		1		2				3
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	2307	1666	1301	281	200	70	12	5837
MAX	8.00	12.00	8.00	12.00	10.50	8.50	.00	12.00

AREA M06S (40N-42.5N, 150E-160E)				PERIOD (SEC)		DATA NUMBER MEAN OF DATA		11966 2.35 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	479	26	11	13	1		8	538
0.75 -	2556	915	379	47	32	13		3942
1.75 -	1345	1318	899	225	61	36		3884
2.75 -	476	746	609	193	96	38		2158
3.75 -	99	176	313	116	87	46		837
4.75 -	12	46	123	28	24	10		243
5.75 -	5	15	44	19	24	15		122
6.75 -	1	51	31	18	12	5		118
7.75 -	1	4	14	11	11	4		45
8.75 -		12	13	4	3	12		44
9.75 -		3	5	2	9			19
10.75 -					4			4
11.75 -				2				2
12.75 -								
13.75 -				2				2
14.75 -								
CALM							8	8
TOTAL	4974	3312	2441	680	364	179	16	11966
MAX	8.00	10.00	10.00	14.00	11.50	9.50	.00	14.00

WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA MU7N (42.5N-45N, 160E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 7670 2.54 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	227	12	7	5			6	257
0.75 -	1310	479	248	34	17	10		2098
1.75 -	940	733	650	159	66	16		2564
2.75 -	362	503	459	177	87	38		1631
3.75 -	80	122	262	63	64	34		625
4.75 -	2	40	95	13	28	7		135
5.75 -	7	6	39	21	25	13		111
6.75 -	5	50	25	11	16	2		109
7.75 -	1	7	8	8	10	10		44
8.75 -		4	4	4	3	1		16
9.75 -	1		1	2	4	2		10
10.75 -				1				1
11.75 -				6	2			8
12.75 -				1				1
13.75 -								
14.75 -					3	1		4
CALM							6	6
TOTAL	2935	1961	1798	505	325	134	12	7670
MAX	10.00	9.00	10.00	13.00	15.00	15.00	.00	15.00

AREA MU9S (35N-37.5N, 150E-160E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 8019 2.32 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	329	11	11	11		1	15	378
0.75 -	1738	465	248	50	23	3		2527
1.75 -	959	880	629	173	77	25		2743
2.75 -	288	504	466	121	75	21		1475
3.75 -	72	134	208	74	52	19		559
4.75 -	8	47	70	17	17			159
5.75 -	7	12	24	8	6	3		60
6.75 -	1	31	26	4	7	4		73
7.75 -	1	3	7	2	5	1		19
8.75 -		1	8		1	1		11
9.75 -		1	5			1		7
10.75 -			1					1
11.75 -		1	1			3		5
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	3403	2090	1704	460	263	82	17	8019
MAX	8.00	12.00	12.00	8.50	9.00	12.00	.00	12.00

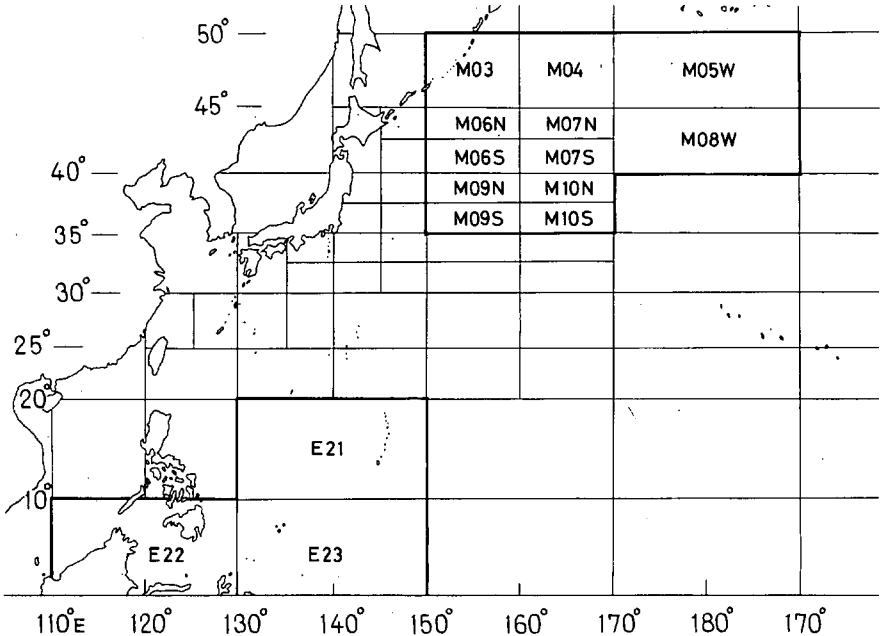
AREA MU7S (40N-42.5N, 160E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 5953 2.56 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	187	17	6	9			10	229
0.75 -	960	359	151	28	14	6		1518
1.75 -	693	633	504	130	40	20		2020
2.75 -	268	460	336	114	98	22		1298
3.75 -	51	115	196	60	59	42		523
4.75 -	10	32	78	16	13	1		150
5.75 -	3	14	34	11	14	5		82
6.75 -	2	25	24	6	15	3		75
7.75 -		1	1	4	8			14
8.75 -		2	7	4	1	2		16
9.75 -		3	5	1	2	3		14
10.75 -								
11.75 -				2		2		4
12.75 -								
13.75 -								
14.75 -		1				5		6
CALM							4	4
TOTAL	2174	1662	1342	385	264	112	14	5953
MAX	7.50	15.00	10.00	12.50	10.00	20.00	.00	20.00

AREA MU10N (37.5N-40N, 160E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 5950 2.51 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	144	5	1	8			12	170
0.75 -	1101	356	193	24	9	3		1686
1.75 -	686	605	455	143	49	33		1971
2.75 -	233	413	396	109	118	13		1282
3.75 -	70	128	198	55	52	26		529
4.75 -	4	33	51	20	8			116
5.75 -	2	8	27	10	22	7		76
6.75 -	4	27	15	6	7	2		61
7.75 -	4	4	6	6	6	2		28
8.75 -	2			1	1	10		14
9.75 -		1	2	1				4
10.75 -		1			2			3
11.75 -					1			1
12.75 -			2	1				3
13.75 -								
14.75 -					1			1
CALM							5	5
TOTAL	2250	1581	1346	384	276	96	17	5950
MAX	9.00	11.50	13.50	13.00	17.00	9.50	.00	17.00

AREA MU8W (40N-45N, 170E-170W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 13543 2.56 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	466	9	4	18		3	16	516
0.75 -	2469	752	327	47	22	26		3643
1.75 -	1627	1315	946	308	92	43		4331
2.75 -	642	925	792	295	190	55		2899
3.75 -	157	274	500	138	108	71		1248
4.75 -	23	77	142	46	73	12		373
5.75 -	12	26	73	38	29	14		192
6.75 -	8	58	44	15	25	9		159
7.75 -	2	7	14	9	17	22		71
8.75 -	7	4	10	5	21	6		53
9.75 -		5	7	3	18	3		36
10.75 -		1	1					2
11.75 -		2		3	1	2		8
12.75 -			1					1
13.75 -								
14.75 -					1	3		4
CALM							7	7
TOTAL	5413	3455	2861	925	597	269	23	13543
MAX	9.50	12.50	13.00	12.00	15.00	20.00	.00	20.00

AREA MU10S (35N-37.5N, 160E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 6191 2.34 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	221	8	4	3			20	256
0.75 -	1282	393	185	38	15	9		1922
1.75 -	655	779	456	113	33	39		2075
2.75 -	233	379	397	95	58	20		1182
3.75 -	68	100	230	44	48	20		510
4.75 -	11	21	56	19	14	4		125
5.75 -	2	8	14	7	16	4		51
6.75 -	3	10	15	6	6	1		41
7.75 -	2			1	4	1		8
8.75 -	3				6			9
9.75 -						1		1
10.75 -			1					1
11.75 -			2					2
12.75 -								
13.75 -								
14.75 -								
CALM							8	8
TOTAL	2480	1698	1360	326	200	99	28	6191
MAX	9.00	7.50	12.00	8.00	9.50	10.00	.00	12.00

AREA MU9N (37.5N-40N, 150E-160E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 8730 2.41 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	279	16	6	1		1	14	317
0.75 -	1692	593	257	44	20	5		2611
1.75 -	1016	931	727	169	53	34		2930
2.75 -	372	550	549	176	103	24		1774
3.75 -	65	164	285	73	66	36		689
4.75 -	9	53	78	32	20	10		202
5.75 -	6	10	17	12	13	1		59
6.75 -	6	20	31	9	14	6		86
7.75 -	3	4	5	6	9	5		33
8.75 -	4	4	3	3	3			17
9.75 -			2	4				6
10.75 -								
11.75 -				1		1		2
12.75 -								
13.75 -								
14.75 -		1						1
CALM							3	3
TOTAL	3452	2346	1961	530	301	123	17	8730
MAX	9.00	15.00	10.00	12.00	9.00	12.50	.00	15.00



WAVE HEIGHT — PERIOD

SEASON AUTUMN

AREA M11W (35N-40N, 170E-170W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	713	17	8	20	1	1	48	808
0.75 -	3698	1150	508	143	76	48		5623
1.75 -	1878	1769	1243	329	128	71		5418
2.75 -	595	968	925	256	190	65		2999
3.75 -	165	292	566	143	171	41		1378
4.75 -	17	78	164	46	54	21		380
5.75 -	6	13	66	15	30	16		146
6.75 -	6	55	39	24	31	10		165
7.75 -	2	4	8	4	15	3		36
8.75 -	3	9	4	3	7	3		29
9.75 -		2	4	1	7	4		18
10.75 -		1		2	3			6
11.75 -		1	1	4				6
12.75 -				1	1			2
13.75 -								
14.75 -					2	1		3
CALM							36	36
TOTAL	7083	4359	3536	991	716	284	84	17053
MAX	9.00	12.00	12.00	13.00	15.00	16.00	.00	16.00

AREA M13S (30N-32.5N, 160E-170E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	352	8	8	8			28	404
0.75 -	1562	464	230	35	33	12		2336
1.75 -	673	704	482	137	87	30		2113
2.75 -	193	268	345	75	57	22		960
3.75 -	52	69	140	30	39	17		347
4.75 -	3	19	26	7	9			69
5.75 -		2	14	3	8	2		29
6.75 -	1	3	1	2	12	5		24
7.75 -	2		3		1	1		7
8.75 -						1		1
9.75 -						1		1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							9	9
TOTAL	2843	1537	1249	297	246	91	37	6300
MAX	8.00	7.50	8.00	7.50	8.00	10.00	.00	10.00

AREA M12N (32.5N-35N, 150E-160E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	440	18	2	6		1	19	486
0.75 -	2410	659	317	41	34	19		3480
1.75 -	1160	1020	817	175	72	26		3270
2.75 -	406	653	588	146	84	31		1908
3.75 -	72	158	246	78	51	26		631
4.75 -	11	31	71	22	28	7		170
5.75 -	3	12	28	14	23	14		94
6.75 -	1	20	15	12	3	9		60
7.75 -	2	2	7	4	11	2		28
8.75 -		2	1	2	5	2		12
9.75 -		1	2		2	3		8
10.75 -					1			1
11.75 -				1	1			2
12.75 -								
13.75 -								
14.75 -								
CALM							3	3
TOTAL	4505	2576	2094	501	315	140	22	10153
MAX	8.00	10.00	10.00	12.00	12.50	10.00	.00	12.50

AREA M14W (30N-35N, 170E-170W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	2201	159	31	39	9	4	134	2577
0.75 -	7157	2228	1047	179	156	109		10876
1.75 -	2803	2464	1978	482	258	152		8037
2.75 -	772	1221	1135	353	275	85		3841
3.75 -	156	396	570	183	145	90		1540
4.75 -	18	58	171	58	85	14		404
5.75 -	11	15	71	21	42	27		188
6.75 -	8	21	19	16	23	15		101
7.75 -		7	6	5	10	6		34
8.75 -	1	2	1	3	3	6		16
9.75 -		3	4	1	2	1		11
10.75 -					2			2
11.75 -		2	1	3				6
12.75 -			1					1
13.75 -								
14.75 -			2					2
CALM							407	407
TOTAL	13127	6577	4935	1343	1010	509	541	28043
MAX	9.00	12.00	15.00	12.00	11.00	10.00	.00	15.00

AREA M12S (30N-32.5N, 150E-160E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	319	10	5	6		1	29	370
0.75 -	1452	477	255	26	18	8		2236
1.75 -	733	617	567	132	43	26		2118
2.75 -	216	308	351	89	67	22		1053
3.75 -	47	87	152	45	44	16		391
4.75 -	7	17	41	7	9	4		85
5.75 -	1	7	5	12	13	6		44
6.75 -	1	7	3	3	3			17
7.75 -		1		1	7	1		10
8.75 -			1	1	2			4
9.75 -					1			1
10.75 -								
11.75 -				3				3
12.75 -						2		2
13.75 -								
14.75 -								
CALM							6	6
TOTAL	2776	1531	1380	325	207	86	35	6340
MAX	7.50	8.00	9.00	12.00	10.00	13.50	.00	13.50

AREA M15 (25N-30N, 150E-160E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	563	18	10	19	2	8	61	681
0.75 -	1807	595	313	55	36	23		2829
1.75 -	601	578	587	127	90	26		2009
2.75 -	175	275	364	93	62	17		986
3.75 -	50	68	107	24	40	18		307
4.75 -	5	12	26	8	4	10		65
5.75 -	4	3	8	2	5	1		23
6.75 -		2	3	7	2			14
7.75 -	2		1	3	2			8
8.75 -	2			1	2			5
9.75 -								
10.75 -								
11.75 -				3				3
12.75 -								
13.75 -								
14.75 -								
CALM							14	14
TOTAL	3209	1551	1419	342	245	103	75	6944
MAX	9.00	7.00	8.00	12.00	9.00	6.00	.00	12.00

AREA M13N (32.5N-35N, 160E-170E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	552	15	10	16	3	3	36	635
0.75 -	3712	1022	415	103	41	35		5328
1.75 -	1443	1311	1054	256	102	42		4208
2.75 -	592	465	643	167	118	23		2008
3.75 -	132	164	239	43	42	19		639
4.75 -	15	38	34	15	19	2		123
5.75 -	3	8	21	6	10	13		61
6.75 -	1	23	8	4	7	6		49
7.75 -	1	3	9	5				18
8.75 -	1	1	3	1	1			7
9.75 -				1	3			4
10.75 -		1			1			2
11.75 -				1	1			2
12.75 -								
13.75 -								
14.75 -								
CALM							14	14
TOTAL	6452	3051	2436	618	348	143	50	13098
MAX	9.00	11.00	9.00	12.00	12.00	7.00	.00	12.00

AREA M16 (25N-30N, 160E-170E)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	703	20	14	16	4	4	62	823
0.75 -	2324	765	435	61	70	31		3686
1.75 -	831	791	668	161	117	54		2622
2.75 -	230	377	408	114	86	32		1247
3.75 -	60	86	147	64	36	23		416
4.75 -	12	17	52	9	12	7		109
5.75 -	2	2	9	10	9	5		37
6.75 -	1	5	7	7	2			22
7.75 -		4	1	2	1			8
8.75 -	1	1		2	8	1		13
9.75 -					2			2
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							26	26
TOTAL	4164	2068	1741	446	347	157	88	9011
MAX	9.00	9.00	9.00	9.00	10.00	9.00	.00	10.00

WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA M17H (25N-30N, 170E-170W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	17097 1.86 M
0.00 -	1479	95	48	35	7	10	110	1784
0.75 -	4566	1547	812	184	107	65		7281
1.75 -	1528	1400	1218	283	152	76		4657
2.75 -	390	618	661	209	179	76		2133
3.75 -	76	200	237	88	84	48		733
4.75 -	11	33	77	18	24	34		197
5.75 -	4	15	28	10	12	6		75
6.75 -	7	5	8	4	12	3		39
7.75 -			2	1	2	2		7
8.75 -		1		1		1		3
9.75 -			1					1
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM							186	186
TOTAL	8061	3914	3093	833	579	321	296	17097
MAX	7.50	9.00	12.50	9.00	9.00	9.50	.00	12.50

AREA M21 (10N-20N, 150E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	9063 1.69 M
0.00 -	803	35	6	10	4	5	55	918
0.75 -	3192	805	409	87	83	45		4621
1.75 -	686	791	605	166	126	61		2435
2.75 -	178	190	220	72	78	19		757
3.75 -	25	49	75	21	38	22		230
4.75 -	8	3	25		8	3		48
5.75 -	1	2	3	1		5		12
6.75 -		2	1		6	1		10
7.75 -			4			4		8
8.75 -								
9.75 -					1			1
10.75 -								
11.75 -				1		1		2
12.75 -								
13.75 -								
14.75 -								
CALM							21	21
TOTAL	4893	1877	1349	358	344	166	76	9063
MAX	6.00	7.00	8.00	12.00	10.50	12.00	.00	12.00

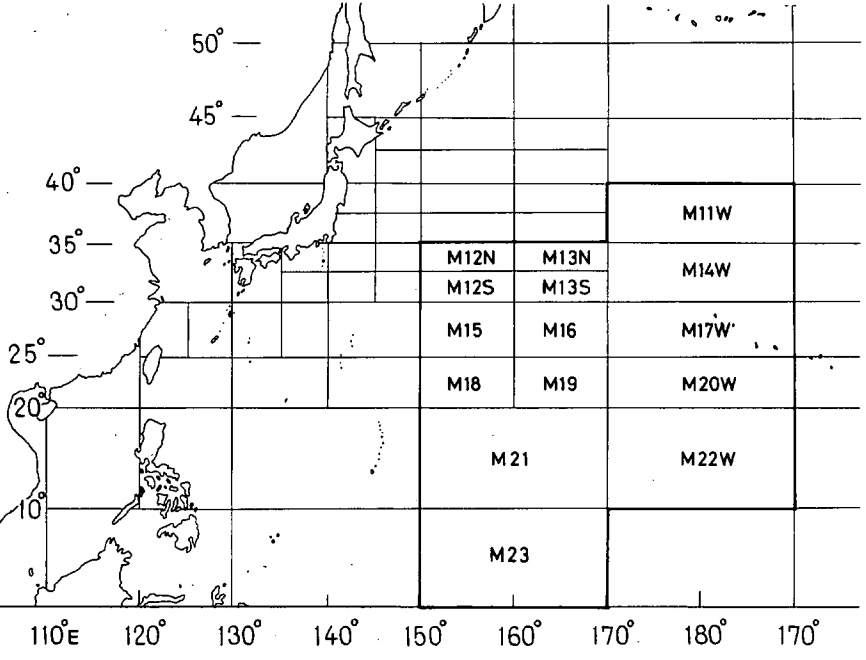
AREA M18 (20N-25N, 150E-160E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	3766 1.76 M
0.00 -	314	26	13	9	1		31	394
0.75 -	1221	335	174	48	24	14		1816
1.75 -	276	295	229	84	61	35		980
2.75 -	74	143	105	40	28	19		409
3.75 -	17	32	36	15	8	12		120
4.75 -	2	5	9	2	2	4		24
5.75 -		1	4	2		1		8
6.75 -		2	2			1		5
7.75 -			1		1	1		3
8.75 -								
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							6	6
TOTAL	1904	839	573	201	125	87	37	3766
MAX	5.00	7.00	8.00	12.50	8.00	8.00	.00	12.50

AREA M22W (10N-20N, 170E-170W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	5881 1.61 M
0.00 -	675	20	15	9	2		32	753
0.75 -	1882	611	351	76	54	32		3006
1.75 -	395	535	394	91	56	33		1504
2.75 -	83	140	150	35	26	11		445
3.75 -	16	29	43	12	16	8		124
4.75 -	3	6	8	1	1	4		23
5.75 -	1		1	1				3
6.75 -		4	1		1			6
7.75 -								
8.75 -			1					1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							16	16
TOTAL	3055	1345	964	225	156	88	48	5881
MAX	6.00	7.50	9.00	6.00	7.00	5.00	.00	9.00

AREA M19 (20N-25N, 160E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	3407 1.76 M
0.00 -	285	12	3	7		1	35	343
0.75 -	1117	313	154	43	21	10		1658
1.75 -	258	250	211	64	48	28		859
2.75 -	56	134	122	34	29	24		399
3.75 -	10	23	50	8	9	18		118
4.75 -	1	2	9	1		2		15
5.75 -			3		1	3		7
6.75 -		2			1			3
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							5	5
TOTAL	1727	736	552	157	109	86	40	3407
MAX	5.00	7.00	6.00	5.00	7.00	6.00	.00	7.00

AREA M23 (00N-10N, 150E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	5652 1.20 M
0.00 -	1104	58	43	15	8	6	98	1332
0.75 -	1852	952	377	65	54	34		3334
1.75 -	206	262	206	46	37	10		767
2.75 -	14	59	57	8	9	5		152
3.75 -		15	8		3			26
4.75 -		4	2	1				7
5.75 -			2					2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							32	32
TOTAL	3176	1350	695	135	111	55	130	5652
MAX	3.50	5.00	6.00	5.50	4.00	3.00	.00	6.00

AREA M20W (20N-25N, 170E-170W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	10143 1.73 M
0.00 -	869	48	17	33	6	2	64	1039
0.75 -	3309	853	521	92	84	45		4904
1.75 -	985	846	734	159	143	55		2822
2.75 -	160	268	330	81	92	56		987
3.75 -	32	44	128	28	24	19		275
4.75 -	5	16	17	8	6	11		63
5.75 -	2	12	2		8	2		26
6.75 -	1	7						8
7.75 -		1				2		3
8.75 -		1	1					2
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							13	13
TOTAL	5263	2096	1750	402	363	192	77	10143
MAX	7.50	9.00	9.00	12.00	6.50	8.50	.00	12.00



WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA M2		DATA NUMBER						
(00N-10N, 170E-170W)		MEAN OF DATA						
		2103						
		1.42 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	281	8	7	2			15	313
0.75 -	707	310	141	30	14	8		1210
1.75 -	91	188	132	23	10	4		448
2.75 -	4	30	43	11	4			92
3.75 -	1	12	5	2	1			21
4.75 -		4	1	1				6
5.75 -		2						2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							11	11
TOTAL	1084	554	329	69	29	12	26	2103
MAX	4.00	6.00	5.00	5.50	4.00	2.50	.00	6.00

AREA W04		DATA NUMBER						
(50N-55N, 150W-130W)		MEAN OF DATA						
		14073						
		2.58 M						
		1.51 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	459	61	15	9			7	551
0.75 -	1689	1231	441	194	102	19	62	3738
1.75 -	762	1716	1195	507	192	47	69	4478
2.75 -	259	950	871	350	205	63	22	2720
3.75 -	72	345	532	262	134	58	12	1415
4.75 -	21	92	175	110	66	26	6	496
5.75 -		44	92	61	51	36	3	287
6.75 -		21	40	41	18	32	2	154
7.75 -		10	22	7	6	6	2	53
8.75 -			11	11	4	4	2	32
9.75 -			9	9	14	9		41
10.75 -			1	1				2
11.75 -			1	2	2	2		7
12.75 -			1	1				2
13.75 -								
14.75 -					1	3		4
CALM	45						48	93
TOTAL	3307	4470	3396	1565	795	305	235	14073
MAX	5.50	8.50	13.00	13.00	15.00	15.00	9.00	15.00

AREA W01		DATA NUMBER						
(55N-65N, 170W-160W)		MEAN OF DATA						
		3457						
		2.00 M						
		1.39 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	284	46	8	11			1	350
0.75 -	656	433	119	72	41	8	8	1337
1.75 -	324	351	149	64	21	9	1	919
2.75 -	38	250	64	62	4	1		419
3.75 -	13	68	89	20	6	4		200
4.75 -	4	25	12	7	4	2		54
5.75 -		9	18	2	4	3		36
6.75 -		10	8					18
7.75 -		9	4	2	1	1		17
8.75 -			1	1		4		6
9.75 -		1	2	3				6
10.75 -								
11.75 -						1		1
12.75 -								
13.75 -								
14.75 -								
CALM	56						38	94
TOTAL	1375	1202	474	244	81	33	48	3457
MAX	5.00	10.00	10.00	10.00	8.50	12.00	2.00	12.00

AREA W05		DATA NUMBER						
(45N-50N, 170W-150W)		MEAN OF DATA						
		11557						
		2.70 M						
		1.50 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	194	27	7	4			4	236
0.75 -	1016	1129	425	104	56	14	25	2769
1.75 -	554	1329	1263	550	131	45	23	3895
2.75 -	126	687	808	451	305	84	10	2471
3.75 -	56	224	446	210	142	85	14	1177
4.75 -	7	74	167	112	34	17	2	413
5.75 -		43	81	69	35	24		252
6.75 -		16	22	49	30	17		134
7.75 -		6	14	12	18	13		63
8.75 -			3	17	7	20	1	48
9.75 -		5	9	8	4	6		32
10.75 -				1	3	1		5
11.75 -				1	2	3		6
12.75 -								
13.75 -								
14.75 -								
CALM	43	1	3				9	56
TOTAL	1996	3541	3248	1588	767	329	88	11557
MAX	5.00	10.00	10.00	12.00	12.50	12.00	9.00	12.50

AREA W02		DATA NUMBER						
(55N-65N, 160W-130W)		MEAN OF DATA						
		8544						
		2.16 M						
		1.51 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	559	67	15	26			10	677
0.75 -	1644	744	255	80	100	26	30	2879
1.75 -	629	923	498	169	67	66	29	2381
2.75 -	188	459	290	132	59	32	16	1176
3.75 -	52	202	163	107	38	28	11	601
4.75 -	25	53	70	29	17	16	6	216
5.75 -		30	46	18	16	19	2	131
6.75 -		11	18	15	9	8	2	63
7.75 -		1	10	1		2		14
8.75 -	1		5	4	6	4		20
9.75 -		1	5	7		5		18
10.75 -					1			1
11.75 -			1			2		3
12.75 -								
13.75 -								
14.75 -			1			4		5
CALM	148	2					209	359
TOTAL	3246	2493	1377	588	313	212	315	8544
MAX	9.50	10.00	15.00	10.00	11.00	15.50	7.50	15.50

AREA W06		DATA NUMBER						
(45N-50N, 150W-130W)		MEAN OF DATA						
		14457						
		2.58 M						
		1.43 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	376	54	25	11			12	478
0.75 -	1548	1350	562	148	72	16	51	3747
1.75 -	784	1714	1428	508	152	46	40	4672
2.75 -	219	962	1001	530	230	82	31	3055
3.75 -	49	293	557	240	133	92	17	1381
4.75 -	21	70	206	115	54	27	5	498
5.75 -		33	83	60	50	32	1	259
6.75 -		12	35	40	25	27		139
7.75 -		7	14	6	26	4	1	58
8.75 -			9	8	7	15		39
9.75 -			1	2	3	5	3	14
10.75 -			1	2				3
11.75 -			1			3		4
12.75 -								
13.75 -				1				1
14.75 -				2	1			3
CALM	43	1					62	106
TOTAL	3040	4496	3923	1673	753	349	223	14457
MAX	5.50	8.50	12.50	15.00	15.00	12.50	10.00	15.00

AREA W03		DATA NUMBER 16544						
(50N-55N, 170W-150W)		MEAN OF DATA 2.46 M						
		S.D. OF DATA 1.45 M						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	610	84	25	40			7	766
0.75 -	2392	1730	460	95	85	22	19	4803
1.75 -	1173	2036	1390	478	108	39	16	5240
2.75 -	252	1141	926	404	194	77	9	3003
3.75 -	87	427	556	269	135	83	7	1564
4.75 -	15	108	157	115	59	15	1	470
5.75 -		46	80	71	56	29		282
6.75 -		14	37	30	30	20	1	132
7.75 -		6	15	24	25	8		78
8.75 -		1	13	13	4	10		41
9.75 -		6	7	5	5	5		28
10.75 -				1				1
11.75 -			6	2		2		10
12.75 -				1				1
13.75 -								
14.75 -						1		1
CALM	94	2					28	124
TOTAL	4623	5601	3672	1548	701	311	88	16544
MAX	5.50	10.00	12.50	13.00	10.00	15.00	7.00	15.00

WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA W08								
(40N-45N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	228	29	20	11			8	296
0.75 -	1131	884	358	98	39	16	38	2564
1.75 -	547	1136	874	355	98	42	59	3111
2.75 -	142	582	521	352	185	44	13	1839
3.75 -	45	212	311	203	100	47	10	928
4.75 -	11	61	141	69	30	11	5	328
5.75 -		16	56	45	28	18	2	165
6.75 -		5	20	17	18	10	2	72
7.75 -		1	8	20	7	5		41
8.75 -			6	7	10	12	1	36
9.75 -			3	6	5	3		17
10.75 -			1					1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	36						31	67
TOTAL	2140	2926	2319	1183	520	208	169	9465
MAX	5.50	8.00	11.00	10.00	10.00	10.00	9.50	11.00

AREA W12								
(35N-40N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	1065	180	55	36			63	1399
0.75 -	3578	2574	1026	356	171	52	191	7948
1.75 -	1082	2273	1845	823	266	131	114	6534
2.75 -	232	730	818	449	202	83	49	2563
3.75 -	78	203	352	182	118	50	25	1008
4.75 -	15	55	84	64	35	20	5	278
5.75 -		28	40	24	27	11	1	131
6.75 -		10	10	30	20	6	2	78
7.75 -		1	9	8	4	3		25
8.75 -		3	6	3	4	1		17
9.75 -			1		1	1		3
10.75 -								
11.75 -					1			1
12.75 -								
13.75 -								
14.75 -								
CALM	156	7			2		204	369
TOTAL	6206	6064	4246	1975	851	358	654	20354
MAX	5.50	9.50	10.00	9.50	12.00	10.00	7.50	12.00

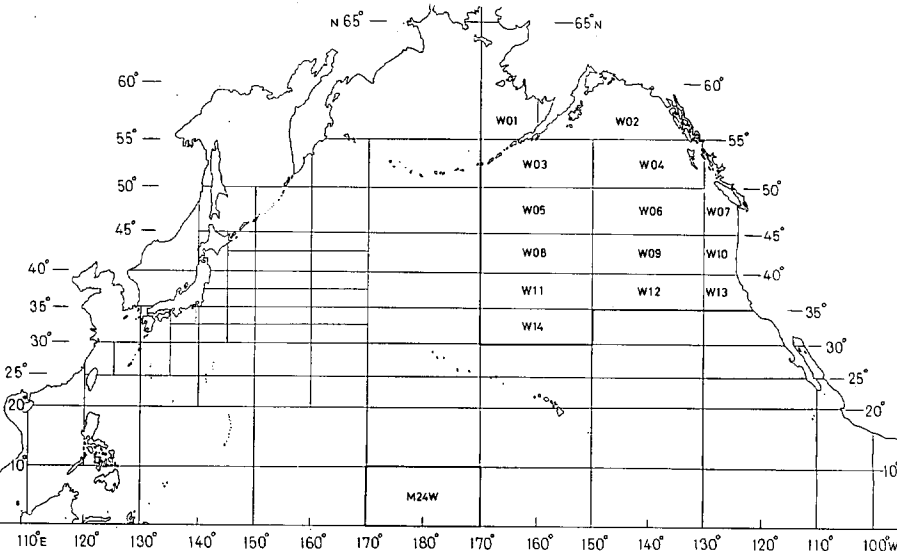
AREA W09								
(40N-45N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	505	53	21	11			16	606
0.75 -	1736	1308	427	137	59	18	63	3748
1.75 -	573	1207	931	429	98	51	69	3358
2.75 -	150	525	468	324	118	60	42	1687
3.75 -	45	162	242	160	75	46	11	741
4.75 -	10	49	94	78	38	12	5	286
5.75 -		39	40	57	40	19	3	198
6.75 -		10	14	18	21	11		74
7.75 -		5	6	8	6	5		30
8.75 -		1		1	5	8		15
9.75 -		1		3	1	1		6
10.75 -			1					1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	60						92	152
TOTAL	3079	3360	2244	1226	461	231	301	10902
MAX	5.50	10.00	11.00	10.50	10.00	10.00	6.00	11.00

AREA W13								
(35N-40N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	1173	180	110	66			48	1577
0.75 -	2561	1725	827	248	123	22	76	5582
1.75 -	708	1148	961	374	139	81	54	3465
2.75 -	159	383	416	226	100	41	24	1349
3.75 -	37	97	140	84	30	34	9	431
4.75 -	11	29	24	28	10	6	3	111
5.75 -		7	12	7	9	9	2	46
6.75 -		1	1	2		5		9
7.75 -		1	2		1	1		5
8.75 -								
9.75 -			1					1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	244	3	1				205	453
TOTAL	4893	3574	2495	1035	412	199	421	13029
MAX	5.50	8.00	10.00	7.50	8.50	8.00	6.00	10.00

AREA W10								
(40N-45N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	588	269	76	16			4	953
0.75 -	1423	1092	654	124	56	17	30	3396
1.75 -	494	730	601	196	53	36	23	2133
2.75 -	147	259	275	115	40	25	17	878
3.75 -	28	85	100	48	14	12	3	290
4.75 -	5	28	30	21	5	8	3	100
5.75 -		8	19	12	4	8		51
6.75 -		3	5	2	4	1		15
7.75 -			3	2				5
8.75 -			1			3		4
9.75 -			1	1	1	3		6
10.75 -			1	1				2
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	56	2	1				60	119
TOTAL	2741	2476	1767	538	177	113	140	7952
MAX	5.50	7.50	11.00	11.00	10.00	10.00	5.50	11.00

AREA W14								
(30N-35N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	784	97	41	35			41	998
0.75 -	2889	2011	928	275	149	37	121	6410
1.75 -	948	1947	1630	737	257	128	135	5782
2.75 -	210	636	870	512	223	95	46	2592
3.75 -	47	200	354	206	109	68	18	1002
4.75 -	23	36	109	72	43	14	2	299
5.75 -		18	51	34	35	17		155
6.75 -		5	7	14	17	8		51
7.75 -		4	1	5	4	1		15
8.75 -		1	2	2	2	3		10
9.75 -			2	1	2	3		8
10.75 -						1		1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	109						125	234
TOTAL	5010	4955	3995	1893	841	375	488	17557
MAX	5.50	9.00	10.00	10.00	10.00	11.00	5.00	11.00

AREA W11								
(35N-40N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	519	69	19	13			10	630
0.75 -	2135	1600	603	162	94	27	84	4705
1.75 -	864	1618	1291	493	176	113	91	4646
2.75 -	217	749	743	437	200	81	42	2469
3.75 -	58	236	356	208	104	51	17	1030
4.75 -	24	72	137	80	56	27	2	398
5.75 -		27	65	36	22	20	1	171
6.75 -		7	30	19	7	14		77
7.75 -		1	11	5	10	4		31
8.75 -			6	3	1	5		15
9.75 -			10	5	3	3		21
10.75 -				1		1		2
11.75 -					1	1		2
12.75 -								
13.75 -					1			1
14.75 -					1			1
CALM	87	5	1				75	168
TOTAL	3904	4384	3272	1462	676	347	322	14367
MAX	5.50	8.00	10.00	11.00	15.00	12.00	6.00	15.00



WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA W15 (30N-35N, 150W-130W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		23543 1.85 M 1.06 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1580	157	57	60			56	1910	
0.75 -	4675	2948	1377	459	288	74	221	10042	
1.75 -	1181	2334	2028	754	353	166	161	6977	
2.75 -	249	656	881	530	241	97	58	2712	
3.75 -	49	171	254	199	124	58	21	876	
4.75 -	27	53	91	48	35	14	2	270	
5.75 -		17	28	31	28	11		115	
6.75 -		15	6	4	2	6		33	
7.75 -				1	2	2		5	
8.75 -			2	1	2	1		6	
9.75 -			1					1	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	315	5	3				273	596	
TOTAL	8076	6356	4728	2087	1075	429	792	23543	
MAX	5.50	7.50	10.00	9.00	9.00	9.00	5.00	10.00	

AREA W19 (25N-30N, 130W-110W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		11990 1.36 M 0.80 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1606	178	71	65			49	1969	
0.75 -	3425	1854	673	249	167	51	87	6506	
1.75 -	563	833	524	230	107	77	21	2359	
2.75 -	69	148	153	74	33	5	3	485	
3.75 -	8	23	48	24	15	4	1	123	
4.75 -	2	4	9	6	2	1		24	
5.75 -		1	3	3		2		9	
6.75 -		1						1	
7.75 -			1					1	
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	297	4	2				210	513	
TOTAL	5970	3046	1488	651	324	140	371	11990	
MAX	5.50	7.00	8.00	6.00	5.00	6.00	4.00	8.00	

AREA W16 (30N-35N, 130W-110W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		21497 1.22 M 0.88 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	4378	576	228	199			158	5539	
0.75 -	5383	2818	1106	415	198	29	85	10034	
1.75 -	827	1160	921	364	140	84	25	3521	
2.75 -	116	276	306	156	88	37	6	985	
3.75 -	12	38	79	60	33	11	1	234	
4.75 -	5	24	12	14	10	8		73	
5.75 -		4	8	4	4	3		23	
6.75 -		4		2		2		8	
7.75 -			1					1	
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	610	10	6				853	1479	
TOTAL	11331	4910	2667	1214	473	174	1128	21497	
MAX	5.50	7.50	8.00	7.00	6.50	7.50	4.00	8.00	

AREA W20 (20N-25N, 170W-150W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		20765 1.61 M 0.93 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1996	207	77	61			58	2399	
0.75 -	5543	2844	1127	357	255	58	182	10366	
1.75 -	1151	1951	1358	507	202	120	118	5407	
2.75 -	183	438	449	263	130	56	27	1546	
3.75 -	30	76	145	87	49	28	9	424	
4.75 -	7	15	31	27	23	13		116	
5.75 -		13	15	6	6	6		46	
6.75 -			1	5		2		8	
7.75 -			1	1		1		3	
8.75 -		1	2	1	1	2		7	
9.75 -				1				1	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	223	6	1		1		211	442	
TOTAL	9133	5551	3207	1316	667	246	605	20765	
MAX	5.00	9.00	9.00	10.00	9.00	9.50	4.50	10.00	

AREA W17 (25N-30N, 170W-150W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		9715 1.98 M 1.10 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	503	76	34	25			10	652	
0.75 -	1716	1306	499	139	113	32	97	3902	
1.75 -	514	945	454	333	143	86	82	2957	
2.75 -	119	408	424	210	116	63	20	1360	
3.75 -	28	88	154	93	61	30	10	464	
4.75 -	15	20	44	20	18	11		132	
5.75 -		4	17	12	8	8	2	51	
6.75 -		2	6	3	5	6		22	
7.75 -					1	2		3	
8.75 -					1			1	
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	79	1					91	171	
TOTAL	2974	2850	2040	835	466	238	312	9715	
MAX	5.50	7.50	7.50	7.50	9.00	8.50	6.00	9.00	

AREA W21 (20N-25N, 150W-130W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		7122 1.71 M 0.89 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	523	51	15	5			19	613	
0.75 -	1699	1086	387	125	73	9	63	3442	
1.75 -	431	789	572	215	66	51	31	2155	
2.75 -	80	194	154	132	48	14	7	629	
3.75 -	12	31	55	26	9	15	2	150	
4.75 -	5	2	10	9	2	1	2	31	
5.75 -		1	4	2	5	5		17	
6.75 -			1			2		3	
7.75 -		1						1	
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	48	2					31	81	
TOTAL	2798	2157	1198	514	203	97	155	7122	
MAX	5.50	8.00	7.50	6.50	6.50	7.00	5.00	8.00	

AREA W18 (25N-30N, 150W-130W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		17274 1.63 M 0.92 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1467	162	72	53			57	1811	
0.75 -	4153	2411	1040	408	250	49	215	8526	
1.75 -	917	1481	1099	507	240	125	101	4470	
2.75 -	155	352	457	253	136	73	33	1459	
3.75 -	16	58	118	88	54	23	15	372	
4.75 -	1	12	29	33	21	5	1	102	
5.75 -		2	3	5	3	6		19	
6.75 -			2		1			3	
7.75 -					1	1		2	
8.75 -				1		1		2	
9.75 -				1				1	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	264	4	1				238	507	
TOTAL	6973	4482	2821	1349	706	283	660	17274	
MAX	5.00	6.00	7.50	10.00	8.00	9.00	5.00	10.00	

AREA W22 (20N-25N, 130W-110W)		PERIOD (SEC)				DATA NUMBER MEAN OF DATA S.D. OF DATA		10119 1.35 M 0.81 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1454	149	58	78			31	1770
0.75 -	2696	1578	697	232	135	34	67	5439
1.75 -	392	678	504	172	68	55	30	1899
2.75 -	53	131	174	60	30	7	3	458
3.75 -	5	8	41	19	13	7		93
4.75 -	1	6	6	4	1	1		19
5.75 -		1	5	1		2		9
6.75 -			1	3				4
7.75 -				1				1
8.75 -								
9.75 -				1				1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	249	2					175	426
TOTAL	4850	2553	1486	571	247	106	306	10119
MAX	5.00	6.00	7.00	10.00	5.00	6.00	3.00	10.00

WAVE HEIGHT - PERIOD

SEASON AUTUMN

AREA W23 (10N-20N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	546	83	46	19			18	712
0.75 -	1676	1245	494	96	74	21	69	3675
1.75 -	444	893	521	177	89	27	38	2189
2.75 -	79	237	226	72	44	11	8	677
3.75 -	22	55	38	44	27	7	7	200
4.75 -	6	14	16	12	1	2		51
5.75 -		3	8	2	1	4	1	19
6.75 -		1	3	3				7
7.75 -			1					1
8.75 -			1	1			1	3
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	73	5	2				61	141
TOTAL	2846	2536	1356	426	236	72	203	7675
MAX	5.50	7.50	9.00	9.00	6.00	6.50	9.00	9.00

AREA W27 (00N-10N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	119	15	1	3			3	141
0.75 -	459	361	130	56	25	5	14	1050
1.75 -	124	223	155	40	11	6	7	566
2.75 -	5	21	21	11	2	2		62
3.75 -	1	2	10	1	2			16
4.75 -	1						2	3
5.75 -					2			2
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	17						5	22
TOTAL	726	622	317	111	42	13	31	1862
MAX	5.00	4.00	4.00	4.00	6.00	3.00	5.50	6.00

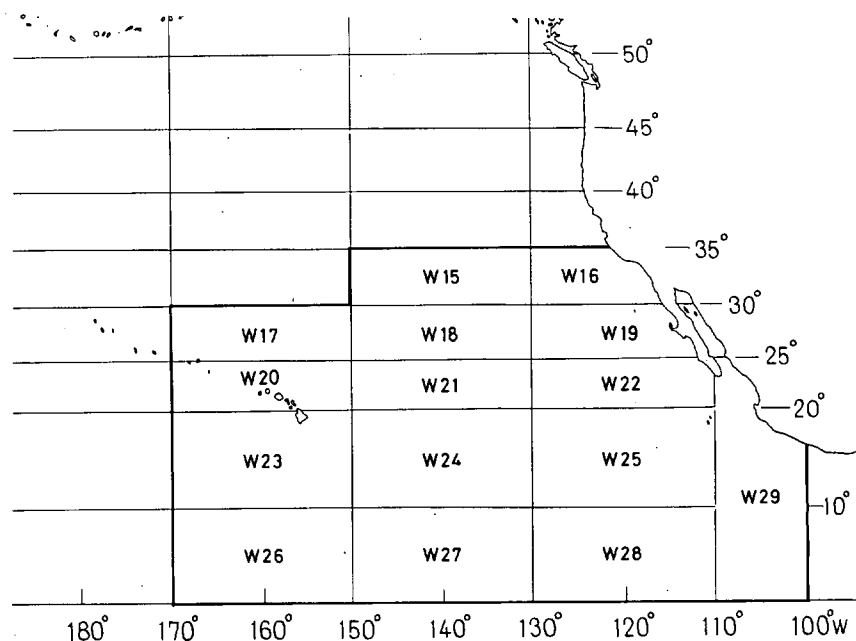
AREA W24 (10N-20N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	364	65	15	9			21	474
0.75 -	1796	1211	446	115	102	20	105	3795
1.75 -	578	1012	664	202	94	49	45	2644
2.75 -	132	284	227	106	35	19	5	808
3.75 -	12	43	79	36	16	11	1	198
4.75 -	2	8	7	11	1	6	1	36
5.75 -	1	2	1	2	2	2		10
6.75 -		2	3		2			7
7.75 -		1						1
8.75 -			7		1			8
9.75 -				1				1
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM	31		1				25	57
TOTAL	2916	2628	1450	483	253	107	203	8040
MAX	6.00	8.00	9.00	12.50	9.50	6.00	5.50	12.50

AREA W28 (00N-10N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	145	29	7	8				189
0.75 -	399	405	130	33	14	4	9	994
1.75 -	78	180	126	37	13	4	1	439
2.75 -	5	22	30	6	3			66
3.75 -	1	1	5		1			8
4.75 -				1				1
5.75 -								
6.75 -				1				1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	16						8	24
TOTAL	644	637	298	86	31	8	18	1722
MAX	4.00	4.00	4.00	7.50	4.50	2.50	2.00	7.50

AREA W25 (10N-20N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	1005	105	46	25			18	1199
0.75 -	2917	1884	691	204	175	37	138	6046
1.75 -	798	1310	844	254	109	75	47	3437
2.75 -	143	296	273	98	48	23	5	886
3.75 -	19	37	54	41	22	7	1	181
4.75 -	4	8	17	9	3	2		43
5.75 -		2	6	1	4	2		15
6.75 -								
7.75 -					1			1
8.75 -					2		2	4
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	107	6					65	178
TOTAL	4993	3648	1931	632	364	146	276	11990
MAX	5.50	6.50	6.50	6.00	9.00	6.00	9.50	9.50

AREA W29 (00N-35N, 110W-100W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	3743	478	215	206			104	4746
0.75 -	5190	3383	1466	577	407	84	226	11333
1.75 -	799	1252	838	267	117	94	67	3434
2.75 -	88	277	232	78	27	34	7	743
3.75 -	23	55	87	37	8	12	4	226
4.75 -	4	15	14	6	3	1	2	45
5.75 -		2	4	2	3	5		16
6.75 -			2	4		2		8
7.75 -			2					2
8.75 -					1			1
9.75 -								
10.75 -								
11.75 -						1		1
12.75 -								
13.75 -								
14.75 -								
CALM	887	27	1				919	1834
TOTAL	10734	5489	2861	1177	566	233	1329	22389
MAX	5.00	6.50	8.50	7.50	9.00	12.00	5.50	12.00

AREA W26 (00N-10N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	246	66	23	8			13	356
0.75 -	613	467	131	23	13	5	52	1304
1.75 -	68	194	105	34	7	7	11	426
2.75 -	8	24	21	19	3		2	77
3.75 -	2	5	1	4	2	1		15
4.75 -	1	2						3
5.75 -		1				1	1	3
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	35						27	62
TOTAL	973	759	281	88	25	14	106	2246
MAX	5.00	6.00	4.50	4.50	4.50	6.00	6.00	6.00



WAVE HEIGHT - PERIOD

SEASON WINTER

AREA E01-E23,M03-M24W,M03-W28 (00N-55N, 110E-110W)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	45455	3256	1506	1611	118	85	2309	54340
0.75 -	168173	63029	28599	7581	5130	1917	2058	276487
1.75 -	80436	80771	63731	20888	9216	4505	1852	261399
2.75 -	27426	46226	45924	17482	10317	4010	859	152244
3.75 -	7140	16084	25221	9221	6361	3193	378	67598
4.75 -	1002	3729	8520	3643	2954	864	97	20809
5.75 -	378	1473	3408	2205	2122	1030	69	10685
6.75 -	243	2247	2054	1288	1302	732	25	7891
7.75 -	141	358	686	559	750	389	11	2894
8.75 -	70	229	430	305	458	369	16	1877
9.75 -	23	105	397	168	325	177	4	1199
10.75 -	2	14	53	30	33	37	4	173
11.75 -	7	23	55	107	58	43	2	295
12.75 -	2	5	14	10	16	20		67
13.75 -		7	9	6	6	11		39
14.75 -	3	8	25	14	41	30		121
CALM	2365	51	17		5		4205	6643
TOTAL	332866	217615	180649	65118	39212	17412	11889	864761
MAX	20.00	17.50	20.00	20.00	17.50	18.00	12.50	20.00

AREA E03 (40N-45N, 140E-145E)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	60	10	8	1			1	80
0.75 -	175	103	28	18	1	1		326
1.75 -	68	51	21	2	3	5		150
2.75 -	25	25	22	5	1	2		80
3.75 -	4	8	19	4	1	1		37
4.75 -		3	1					4
5.75 -	1	1	1					3
6.75 -		5	4		1			10
7.75 -		1		1				2
8.75 -					1			1
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	333	207	104	32	8	9	3	696
MAX	6.50	8.00	7.00	12.00	9.00	4.00	.00	12.00

AREA E01 (45N-50N, 140E-150E)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -								
0.75 -	3							3
1.75 -	6	2						8
2.75 -	1	2		1				4
3.75 -			1					1
4.75 -								
5.75 -								
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM								
TOTAL	10	4	1	1				16
MAX	3.00	3.00	4.00	3.00				4.00

AREA E04N (42.5N-45N, 145E-150E)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	23	2	4	1				30
0.75 -	136	58	17	5	2	2		220
1.75 -	101	73	53	8	9	3		247
2.75 -	40	28	23	12	3	1		107
3.75 -	7	25	23	6	2			63
4.75 -		3	8	1		1		13
5.75 -			2					2
6.75 -		1	2			2		5
7.75 -								
8.75 -						1		1
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -			1					1
CALM								
TOTAL	307	190	133	33	16	10		689
MAX	4.50	7.00	15.00	5.50	4.00	9.00		15.00

AREA E02N (40N-50N, 120E-140E)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	59	7					2	68
0.75 -	176	69	6					251
1.75 -	92	61	17	1	1			172
2.75 -	47	44	31	8	2	1		133
3.75 -	2	11	16	1	1			31
4.75 -			3	1				4
5.75 -			1					1
6.75 -		2	3	1	1			7
7.75 -								
8.75 -				4				4
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM								
TOTAL	376	194	77	16	5	1	2	671
MAX	4.00	7.00	7.50	9.50	7.50	3.00	.00	9.50

AREA E04S (40N-42.5N, 145E-150E)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	87	8	1	4			5	105
0.75 -	476	204	69	14	16	5		784
1.75 -	298	295	137	22	8	3		763
2.75 -	138	184	132	18	14	6		492
3.75 -	25	76	87	20	9	10		227
4.75 -	2	17	36	6	2	3		66
5.75 -	2	10	11	10	5	2		40
6.75 -		11	13	1	6	1		32
7.75 -	1	1	2	4	1			9
8.75 -					1			1
9.75 -	2	1	3					6
10.75 -								
11.75 -			1	1				2
12.75 -								
13.75 -								
14.75 -			1					1
CALM							3	3
TOTAL	1031	807	493	101	61	30	8	2531
MAX	10.00	10.00	15.00	12.00	9.50	7.00	.00	15.00

AREA E02S (35N-40N, 120E-140E)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	805	30	22	22	5	2	36	922
0.75 -	2836	524	167	23	23	26		3599
1.75 -	1078	973	293	45	31	32		2452
2.75 -	253	589	380	83	26	14		1345
3.75 -	46	129	179	34	26	22		436
4.75 -	3	17	32	10	11	5		78
5.75 -	1	7	14	5	10	2		39
6.75 -		6	8	3	6	2		25
7.75 -			1	3	2	2		8
8.75 -								
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -			1					1
CALM							96	96
TOTAL	5022	2275	1097	229	140	107	132	9002
MAX	6.00	7.50	20.00	12.00	8.00	8.00	.00	20.00

AREA E05N (37.5N-40N, 140E-145E)								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1809	48	19	22	4	12	85	1999
0.75 -	2627	562	186	40	17	39		3471
1.75 -	725	619	250	44	47	41		1726
2.75 -	137	242	194	45	44	29		691
3.75 -	20	56	97	33	27	13		246
4.75 -	3	8	28	12	10	5		66
5.75 -	2	8	18	7	8	5		48
6.75 -	3	21	12		5	1		42
7.75 -		2	7		1	3		13
8.75 -			3		1			4
9.75 -			1	1		1		3
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							553	553
TOTAL	5326	1566	815	204	164	149	638	8862
MAX	7.50	8.00	10.00	10.00	9.00	10.00	.00	10.00

WAVE HEIGHT - PERIOD

SEASON WINTER

AREA E05S

(35N-37.5N, 140E-145E)

DATA NUMBER
MEAN OF DATA 7978
1.86 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1071	41	12	17	6	3	49	1199
0.75 -	2134	489	169	37	20	22		2871
1.75 -	834	656	280	58	35	32		1895
2.75 -	238	381	271	57	37	18		1002
3.75 -	49	116	150	41	31	18		405
4.75 -	10	18	52	16	19	8		123
5.75 -	3	9	16	7	10	3		48
6.75 -	2	22	25	6	16	2		73
7.75 -	2	2	4	1	7	2		18
8.75 -	1		2	2	2			7
9.75 -		1			1	1		3
10.75 -					1			1
11.75 -			1	2		1		4
12.75 -								
13.75 -						1		1
14.75 -								
CALM							328	328
TOTAL	4344	1735	982	244	185	111	377	7978
MAX	9.00	10.00	12.00	12.00	11.00	14.00	.00	14.00

AREA E08

(30N-35N, 130E-135E)

DATA NUMBER
MEAN OF DATA 7006
1.59 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1143	38	30	6	3	2	46	1268
0.75 -	2515	485	181	27	23	27		3258
1.75 -	843	475	209	27	17	11		1582
2.75 -	186	232	132	35	14	8		607
3.75 -	30	45	56	17	9	3		160
4.75 -	6	8	12	2	3			31
5.75 -	1	10	7	6	1	1		26
6.75 -	1	3	10	1	4	1		25
7.75 -	1	1	3					5
8.75 -								
9.75 -		1						1
10.75 -								
11.75 -				4	1			5
12.75 -								
13.75 -								
14.75 -								
CALM							38	38
TOTAL	4726	1303	640	125	75	53	84	7006
MAX	8.00	10.00	8.00	12.00	12.00	7.00	.00	12.00

AREA E06N

(37.5N-40N, 145E-150E)

DATA NUMBER
MEAN OF DATA 5515
2.74 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	137	6	4	4		1	3	155
0.75 -	879	303	139	21	4	4		1350
1.75 -	728	480	357	78	38	15		1696
2.75 -	318	401	356	115	55	22		1267
3.75 -	97	153	217	51	34	16		568
4.75 -	5	41	74	22	20	5		167
5.75 -	4	29	30	12	19	2		96
6.75 -		57	27	8	21	3		116
7.75 -	1	12	9	1	4	1		28
8.75 -	7	3	15	12	5	1		43
9.75 -	1	1	4	6	2	1		15
10.75 -				2		1		3
11.75 -			1	5				6
12.75 -				1				1
13.75 -								
14.75 -			2		2			4
CALM								
TOTAL	2177	1486	1235	338	204	72	3	5515
MAX	10.00	10.00	15.00	13.00	15.00	11.50	.00	15.00

AREA E09N

(32.5N-35N, 135E-140E)

DATA NUMBER
MEAN OF DATA 3782
1.75 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	573	14	2	3	2	3	41	638
0.75 -	1242	219	73	9	10	11		1564
1.75 -	508	236	110	23	3	7		887
2.75 -	150	166	87	8	8	9		438
3.75 -	35	46	57	7	5	6		156
4.75 -	3	3	15	5	4	2		32
5.75 -		3	4	4	1	1		13
6.75 -	1	12	1	2	6			22
7.75 -			3			3		6
8.75 -		1						1
9.75 -			1					1
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM							23	23
TOTAL	2522	700	354	61	39	42	64	3782
MAX	7.00	9.00	12.00	7.00	7.50	8.00	.00	12.00

AREA E06S

(35N-37.5N, 145E-150E)

DATA NUMBER
MEAN OF DATA 4783
2.84 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	68	1	1	9			7	86
0.75 -	712	203	105	7	6	4		1063
1.75 -	638	437	289	56	31	12		1437
2.75 -	294	390	332	108	67	12		1203
3.75 -	78	135	235	57	35	14		554
4.75 -	7	42	78	31	35	4		197
5.75 -	1	18	22	16	18	6		81
6.75 -	5	39	19	12	10	7		92
7.75 -	3	4	2	6	13	5		33
8.75 -		1	5	2	4	4		16
9.75 -					4			4
10.75 -				2				2
11.75 -				2	1	2		5
12.75 -						1		1
13.75 -								
14.75 -			2	1	3	1		7
CALM							2	2
TOTAL	1806	1270	1090	309	227	72	9	4783
MAX	8.00	9.00	15.00	15.00	17.50	15.00	.00	17.50

AREA E09S

(30N-32.5N, 135E-140E)

DATA NUMBER
MEAN OF DATA 4083
2.04 M

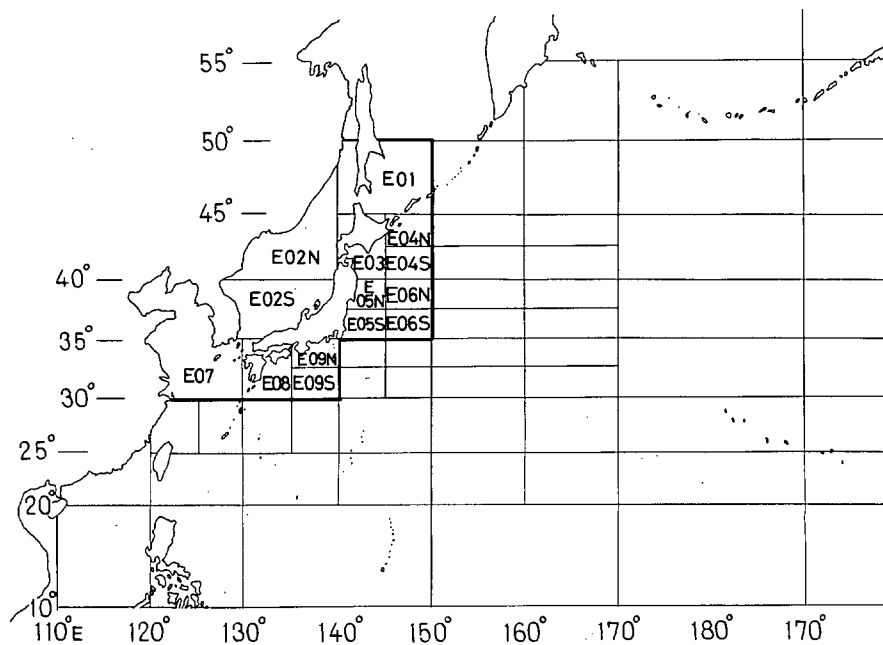
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	300	18	3	3	4		12	340
0.75 -	1067	319	113	33	14	17		1543
1.75 -	587	358	221	55	10	4		1235
2.75 -	171	247	171	41	3	5		638
3.75 -	29	88	71	17	9	3		217
4.75 -	3	17	26	7	8			61
5.75 -	1	9	1	7	5	1		24
6.75 -	1	8	5		2	2		18
7.75 -	1	1			1			3
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							4	4
TOTAL	2160	1065	611	143	56	32	16	4083
MAX	8.50	8.00	7.50	6.50	8.00	7.50	.00	8.50

AREA E07

(30N-40N, 120E-130E)

DATA NUMBER
MEAN OF DATA 5626
1.62 M

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	890	19	7	4	4	3	162	1089
0.75 -	1951	371	88	12	20	22		2464
1.75 -	577	434	142	33	10	13		1209
2.75 -	192	164	127	28	7	17		535
3.75 -	39	64	71	16	14	3		207
4.75 -	2	9	13	4	4	2		34
5.75 -	3	7	12	2	2			26
6.75 -	1	8	7	3				19
7.75 -		1			2	2		5
8.75 -			1		1			2
9.75 -								
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							35	35
TOTAL	3655	1077	468	103	64	62	197	5626
MAX	7.00	8.00	9.00	12.00	9.00	8.50	.00	12.00



WAVE HEIGHT - PERIOD

SEASON WINTER

AREA E10N (32.5N-35N, 140E-145E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 6670 2.65 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	187	8	2	8		1	15	221
0.75 -	1207	321	150	22	14	8		1722
1.75 -	919	643	404	73	28	28		2095
2.75 -	420	485	355	105	58	18		1441
3.75 -	116	188	263	62	37	18		684
4.75 -	18	41	80	21	20	4		184
5.75 -	12	19	36	27	13	4		111
6.75 -	4	66	23	10	14	9		126
7.75 -		6	11	5	6	3		31
8.75 -		4	5	5	4	6		24
9.75 -		4	10	1	2	1		18
10.75 -		1	2	1	1			5
11.75 -		1	1	1	1			4
12.75 -				1				1
13.75 -			1					1
14.75 -								
CALM							2	2
TOTAL	2883	1787	1343	342	198	100	17	6670
MAX	7.50	12.50	14.00	13.00	12.00	10.00	.00	14.00

AREA E12W (25N-30N, 120E-125E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 7427 2.08 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	677	19	8	5	2	2	56	769
0.75 -	2042	488	109	24	20	5		2688
1.75 -	961	678	294	53	24	16		2026
2.75 -	383	348	284	58	40	19		1132
3.75 -	108	175	146	47	21	18		515
4.75 -	24	27	51	28	11	11		152
5.75 -	5	22	23	13	4	3		70
6.75 -	4	8	7	4	1	1		25
7.75 -	2	1	1	2	2	1		9
8.75 -			5		3			8
9.75 -		1			2	1		4
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -					1			1
CALM							28	28
TOTAL	4206	1767	928	234	131	77	84	7427
MAX	8.50	10.00	9.00	8.50	15.00	10.50	.00	15.00

AREA E10S (30N-32.5N, 140E-145E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 2661 2.55 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	80	3	9	2	7		3	104
0.75 -	436	139	69	12	5	6		667
1.75 -	355	299	191	33	18	6		902
2.75 -	107	205	180	33	9	11		545
3.75 -	20	69	125	26	16	11		267
4.75 -	4	15	42	6	3	2		72
5.75 -	3	7	17	6	7	2		42
6.75 -	4	15	8	1	1	2		31
7.75 -	3	3	3	4	2			15
8.75 -			2	2	1			5
9.75 -			3	1	1			5
10.75 -								
11.75 -					1			1
12.75 -								
13.75 -								
14.75 -								
CALM							5	5
TOTAL	1012	755	649	126	71	40	8	2661
MAX	8.00	8.50	10.00	10.00	12.00	7.50	.00	12.00

AREA E12E (25N-30N, 125E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 12253 1.82 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1445	29	22	12	5		72	1585
0.75 -	4028	858	287	43	40	28		5284
1.75 -	1539	974	506	98	42	20		3179
2.75 -	373	477	409	83	40	11		1393
3.75 -	91	132	228	58	20	6		535
4.75 -	7	22	49	20	12	5		115
5.75 -	3	12	35	11	3	1		65
6.75 -	3	15	9	8	6			41
7.75 -	1		3	4	5	2		15
8.75 -		1		2	1	1		5
9.75 -			1		3			4
10.75 -								
11.75 -					1			1
12.75 -					2			2
13.75 -								
14.75 -			1					1
CALM							28	28
TOTAL	7490	2520	1550	339	180	74	100	12253
MAX	8.00	9.00	15.00	9.50	13.00	9.00	.00	15.00

AREA E11N (32.5N-35N, 145E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 7528 2.89 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	147	1	2	10			4	164
0.75 -	1061	277	121	29	15	5		1508
1.75 -	999	623	530	119	43	36		2350
2.75 -	456	544	521	143	98	31		1793
3.75 -	148	226	363	86	70	31		924
4.75 -	17	82	133	37	29	10		308
5.75 -	20	24	80	29	33	14		200
6.75 -	8	56	37	11	19	12		143
7.75 -	6	13	24	14	11	4		72
8.75 -	4	4	8	3	15	5		39
9.75 -	1	4	5	1	3	4		18
10.75 -			1		2			3
11.75 -		1		3				4
12.75 -				1				1
13.75 -								
14.75 -								
CALM							1	1
TOTAL	2867	1855	1825	486	338	152	5	7528
MAX	10.00	12.00	11.00	13.00	11.00	10.00	.00	13.00

AREA E13W (25N-30N, 130E-135E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 11761 1.76 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1103	47	17	5	2	3	39	1216
0.75 -	4065	1136	356	59	27	30		5673
1.75 -	1271	1022	671	137	62	29		3192
2.75 -	256	403	360	82	51	17		1169
3.75 -	35	77	136	29	30	8		315
4.75 -	5	27	39	8	18	1		98
5.75 -	3	8	10	5	8			34
6.75 -	3	11	4	7	4	3		32
7.75 -	1	1	2	3	4			11
8.75 -			5					5
9.75 -			1		3			4
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							12	12
TOTAL	6742	2732	1601	335	209	91	51	11761
MAX	8.00	8.00	10.00	8.50	10.00	7.50	.00	10.00

AREA E11S (30N-32.5N, 145E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 4275 2.87 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	75	3	5	1	4		5	93
0.75 -	655	147	67	16	10	5		900
1.75 -	515	391	306	72	43	9		1336
2.75 -	226	356	294	80	37	13		1006
3.75 -	63	122	208	54	31	19		497
4.75 -	7	38	79	29	30	9		192
5.75 -	6	15	28	17	21	7		94
6.75 -	3	30	21	9	8	7		78
7.75 -	1	8	11	2	7	2		31
8.75 -		1	11		1	2		15
9.75 -		2	8	1	4	3		18
10.75 -		1	3					4
11.75 -		2	3	2				7
12.75 -						3		3
13.75 -		1						1
14.75 -								
CALM							5	5
TOTAL	1551	1117	1044	283	196	79	5	4275
MAX	8.00	14.50	12.50	12.00	10.00	13.50	.00	14.50

AREA E13E (25N-30N, 135E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 7027 1.92 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	436	40	18	4			14	512
0.75 -	1892	693	322	48	35	21		3011
1.75 -	756	806	522	103	39	12		2238
2.75 -	149	346	267	64	27	12		865
3.75 -	15	93	131	23	18	7		287
4.75 -	1	15	28	9	4	2		59
5.75 -	2	2	6	7	3	1		21
6.75 -		2	4	1	11			18
7.75 -			4	2	1			7
8.75 -								
9.75 -					1			1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							8	8
TOTAL	3251	1997	1302	261	159	55	22	7027
MAX	6.00	7.00	8.00	8.00	10.00	6.00	.00	10.00

WAVE HEIGHT - PERIOD

SEASON WINTER

AREA E14 (25N-30N, 140E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	7070 2.12 M
0.00 -	396	10	11	16	1		18	452
0.75 -	1620	568	269	50	45	13		2565
1.75 -	775	823	506	129	60	32		2325
2.75 -	206	378	340	62	56	22		1054
3.75 -	32	128	210	34	27	13		444
4.75 -	4	30	60	13	13	5		125
5.75 -	2	6	27	10	5	4		54
6.75 -	1	2	8	1	3	3		18
7.75 -			2	1	1	1		5
8.75 -			4					4
9.75 -			2					2
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							11	11
TOTAL	3036	1945	1439	317	211	93	29	7070
MAX	7.50	7.50	10.00	12.00	8.00	8.50	.00	12.00

AREA E18 (20N-25N, 140E-150E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	9224 1.87 M
0.00 -	513	27	13	13		3	36	605
0.75 -	2633	919	455	71	49	24		4151
1.75 -	860	1091	748	181	74	36		2990
2.75 -	165	409	384	79	47	25		1109
3.75 -	29	95	108	18	21	16		287
4.75 -	2	15	23	2	3	3		48
5.75 -		2	4	2	7			15
6.75 -		2			3			5
7.75 -								
8.75 -								
9.75 -			1					1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							13	13
TOTAL	4202	2560	1736	366	204	107	49	9224
MAX	5.00	7.00	10.00	6.00	7.50	5.00	.00	10.00

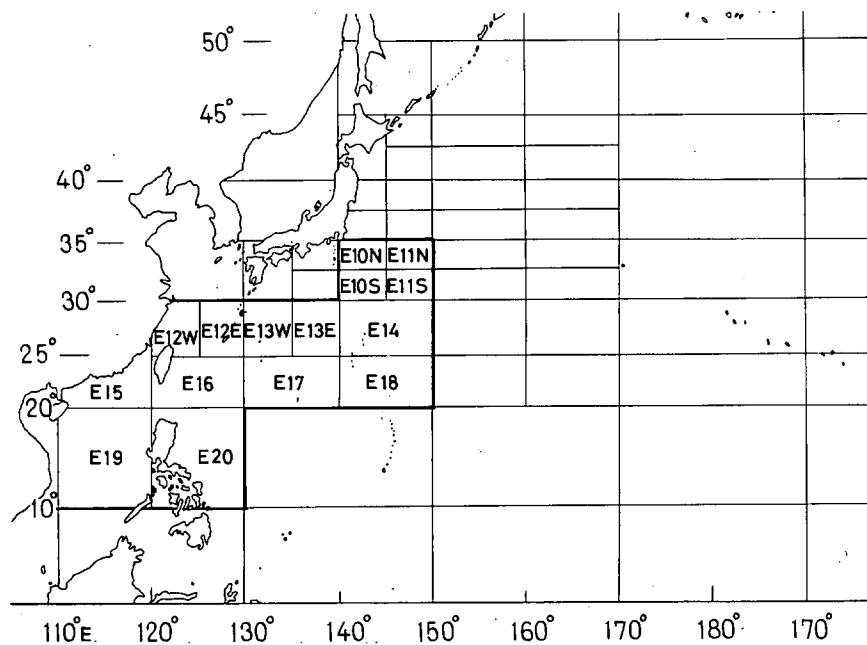
AREA E15 (20N-30N, 110E-120E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	1242 2.53 M
0.00 -	59	2		1	1			63
0.75 -	231	52	16	4	4	2		309
1.75 -	184	100	78	9	7			378
2.75 -	68	110	74	20	12	11		295
3.75 -	19	41	43	13	6	4		126
4.75 -	1	10	16	6	6			39
5.75 -		1	8	5				14
6.75 -			6	3	1			10
7.75 -			4	1				5
8.75 -								
9.75 -			1					1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	562	316	246	62	37	17	2	1242
MAX	5.00	6.00	10.00	8.00	7.00	4.00	.00	10.00

AREA E19 (10N-20N, 110E-120E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	32477 2.20 M
0.00 -	2536	80	34	16	14	3	43	2726
0.75 -	7930	2064	671	89	75	29		10858
1.75 -	4277	2723	1872	402	138	28		9440
2.75 -	1620	1968	1513	385	241	36		5763
3.75 -	326	683	967	251	151	68		2446
4.75 -	17	111	280	103	71	25		607
5.75 -	21	28	96	92	58	22		317
6.75 -	5	19	47	51	19	6		147
7.75 -	4	14	30	11	22	10		91
8.75 -			9	2	14	8		33
9.75 -		1	10	1	3			15
10.75 -			5					5
11.75 -					1			1
12.75 -					3			3
13.75 -					1			1
14.75 -					5	2		7
CALM							17	17
TOTAL	16736	7691	5534	1403	816	237	60	32477
MAX	8.50	10.00	11.00	10.00	15.00	15.00	.00	15.00

AREA E16 (20N-25N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	29867 2.05 M
0.00 -	1869	74	28	31	2	3	83	2090
0.75 -	8330	2192	812	128	70	70		11602
1.75 -	3964	2777	1908	399	123	56		9227
2.75 -	1317	1531	1287	299	179	45		4658
3.75 -	267	431	545	135	115	32		1525
4.75 -	26	88	152	50	36	7		359
5.75 -	14	27	76	35	25	7		184
6.75 -	4	40	30	34	9	2		119
7.75 -	3	11	11	8	4	6		43
8.75 -		1	2	2	2	1		8
9.75 -		1	6		1			8
10.75 -								
11.75 -			1	3				4
12.75 -			1		2	1		4
13.75 -								
14.75 -								
CALM							36	36
TOTAL	15794	7173	4859	1124	568	230	119	29867
MAX	8.50	10.00	13.00	12.00	13.00	13.00	.00	13.00

AREA E20 (10N-20N, 120E-130E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	27976 2.08 M
0.00 -	1773	56	20	43	4	10	132	2038
0.75 -	7423	2105	779	88	61	47		10503
1.75 -	3361	2624	2192	442	152	72		8843
2.75 -	894	1363	1292	388	242	55		4234
3.75 -	270	371	605	136	125	48		1555
4.75 -	24	79	190	53	44	14		404
5.75 -	9	21	62	36	30	12		170
6.75 -	3	15	49	30	22	10		129
7.75 -	3	1	7	6	13	4		34
8.75 -	1	5	1	3	17	1		28
9.75 -			1		1			2
10.75 -						1		1
11.75 -								
12.75 -		1						1
13.75 -								
14.75 -								
CALM							34	34
TOTAL	13761	6641	5198	1225	711	274	166	27976
MAX	9.00	13.00	10.00	9.00	10.00	11.50	.00	13.00

AREA E17 (20N-25N, 130E-140E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	12211 1.87 M
0.00 -	766	49	14	17	3	5	39	893
0.75 -	3645	1199	538	51	39	27		5499
1.75 -	1266	1251	987	175	68	21		3768
2.75 -	224	576	483	103	43	11		1440
3.75 -	25	127	207	45	21	9		434
4.75 -	2	38	49	13	12	2		116
5.75 -		7	9	6	2	2		26
6.75 -		2	3		2			7
7.75 -				1	9			10
8.75 -		1						1
9.75 -			2					2
10.75 -		1						1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							14	14
TOTAL	5928	3251	2292	411	199	77	53	12211
MAX	5.50	11.00	10.00	8.00	8.50	6.50	.00	11.00



WAVE HEIGHT - PERIOD

SEASON WINTER

AREA E21		DATA NUMBER						
(10N-20N, 130E-150E)		MEAN OF DATA						
		38348						
		2.03 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1592	52	35	28	12	2	90	1811
0.75 -	9800	3236	1518	194	139	65		14952
1.75 -	4663	4819	3184	578	284	130		13658
2.75 -	925	2180	2079	358	236	47		5825
3.75 -	145	517	723	126	99	40		1650
4.75 -	11	57	158	15	41	17		299
5.75 -	6	7	28	9	11	12		73
6.75 -	1	14	7	4	7			33
7.75 -	1	2	1	6	5	3		18
8.75 -								
9.75 -			2					2
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							26	26
TOTAL	17144	10884	7735	1319	834	316	116	38348
MAX	8.50	8.50	10.00	12.00	8.50	8.00	.00	12.00

AREA M04		DATA NUMBER						
(45N-50N, 160E-170E)		MEAN OF DATA						
		10874						
		3.22 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	103	1	2	12		2	3	123
0.75 -	1191	328	160	27	11	9		1726
1.75 -	1079	808	810	216	81	29		3023
2.75 -	561	927	837	242	151	76		2794
3.75 -	212	433	659	178	134	68		1694
4.75 -	18	104	244	90	73	21		550
5.75 -	25	46	84	51	66	26		298
6.75 -	10	158	99	47	36	21		371
7.75 -	10	15	34	32	21	15		127
8.75 -	4	17	20	12	25	11		89
9.75 -	1	3	24	11	7	5		51
10.75 -						1		1
11.75 -	1	1	1	11	4	1		19
12.75 -	1			1				2
13.75 -								
14.75 -		1	1	1		1		4
CALM							2	2
TOTAL	3216	2842	2985	931	609	286	5	10874
MAX	13.00	15.00	15.00	16.00	12.50	15.00	.00	16.00

AREA E22		DATA NUMBER						
(00N-10N, 110E-130E)		MEAN OF DATA						
		7899						
		1.61 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1243	30	24	3	8	5	76	1389
0.75 -	2293	778	314	28	39	29		3481
1.75 -	626	691	470	79	28	10		1904
2.75 -	157	239	249	64	24	10		743
3.75 -	9	57	81	27	7	7		188
4.75 -	2	19	23	5	2	1		52
5.75 -		2	14	4	6			26
6.75 -	1		2	1	2	1		7
7.75 -					1			1
8.75 -								
9.75 -					2			2
10.75 -			6					6
11.75 -								
12.75 -								
13.75 -								
14.75 -						1		2
CALM							98	98
TOTAL	4331	1816	1193	211	120	64	174	7899
MAX	7.00	6.00	11.00	7.50	15.00	15.00	.00	15.00

AREA M05W		DATA NUMBER						
(45N-50N, 170E-170W)		MEAN OF DATA						
		15323						
		3.18 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	138	9	2	15			4	168
0.75 -	1642	471	227	29	27	6		2402
1.75 -	1549	1200	1160	322	159	56		4446
2.75 -	788	1255	1311	311	285	86		4036
3.75 -	227	576	910	246	160	137		2256
4.75 -	37	140	367	86	97	30		757
5.75 -	12	50	147	58	75	35		377
6.75 -	17	152	111	48	64	33		425
7.75 -	14	30	44	23	52	22		185
8.75 -	5	14	29	12	58	16		134
9.75 -	1	5	29	6	19	11		71
10.75 -		2	2		6	1		11
11.75 -		5	8	8	2	4		27
12.75 -		1	3	1	1	1		7
13.75 -		1		2	1	1		5
14.75 -	1		1	1	4	4		11
CALM							5	5
TOTAL	4431	3911	4351	1168	1010	443	9	15323
MAX	15.00	14.00	16.00	15.00	15.00	16.50	.00	16.50

AREA E23		DATA NUMBER						
(00N-10N, 130E-150E)		MEAN OF DATA						
		8901						
		1.71 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	679	35	27	7	2		85	835
0.75 -	2031	1285	736	57	38	35		4182
1.75 -	759	1125	825	142	57	36		2944
2.75 -	113	271	308	38	29	4		763
3.75 -	8	46	53	13	11	6		137
4.75 -	1	6	4		1			12
5.75 -			2			1		3
6.75 -			1	1				2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							23	23
TOTAL	3591	2768	1956	258	138	82	108	8901
MAX	5.00	5.00	7.00	7.50	5.00	6.00	.00	7.50

AREA M06N		DATA NUMBER						
(42.5N-45N, 150E-160E)		MEAN OF DATA						
		7863						
		2.90 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	104	8	4	6			4	126
0.75 -	1077	341	182	33	16	7		1656
1.75 -	999	723	529	125	47	17		2440
2.75 -	458	558	498	190	89	22		1815
3.75 -	157	288	397	90	81	49		1062
4.75 -	11	63	144	32	44	14		308
5.75 -	11	24	48	30	30	11		154
6.75 -	5	78	52	16	16	7		174
7.75 -	1	7	19	12	6	7		52
8.75 -	4	1	14	5	6	2		32
9.75 -	1	4	11	4	14	2		36
10.75 -		1			2	1		4
11.75 -				2	1			3
12.75 -								
13.75 -								
14.75 -								
CALM							1	1
TOTAL	2828	2096	1898	545	352	139	5	7863
MAX	10.50	11.00	10.00	12.00	12.00	11.00	.00	12.00

AREA M03		DATA NUMBER							3755
(45N-50N, 150E-160F)		MEAN OF DATA							3.05 M
		PERIOD (SEC)							
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	61	5	1	4			6	77	
0.75 -	435	128	80	10	6	3		662	
1.75 -	414	342	246	56	12	12		1082	
2.75 -	189	376	258	53	41	19		936	
3.75 -	70	159	201	53	48	13		544	
4.75 -	1	46	97	15	17	5		181	
5.75 -	7	16	37	14	7	7		88	
6.75 -	2	52	33	26	5	3		121	
7.75 -		1	7	6	7	1		22	
8.75 -	1	2	1	3	2	1		10	
9.75 -	2	2	4	3	7	1		19	
10.75 -	1			3				4	
11.75 -	4							4	
12.75 -	1							1	
13.75 -									
14.75 -			1			1		2	
CALM							2	2	
TOTAL	1188	1129	966	246	152	66	8	3755	
MAX	13.50	10.00	16.50	11.00	10.00	15.00	.00	16.50	

WAVE HEIGHT - PERIOD

SEASON WINTER

AREA M07N (42.5N-45N, 160E-170E)								
HEIGHT (M)	PERIOD (SEC)						DATA NUMBER MEAN OF DATA	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	44		1	6	1			52
0.75 -	719	185	60	18	13	2		997
1.75 -	793	466	460	103	38	18		1878
2.75 -	480	518	560	180	145	36		1919
3.75 -	123	200	377	81	82	66		929
4.75 -	18	55	131	42	37	6		289
5.75 -	5	23	71	30	50	16		195
6.75 -	15	92	33	28	26	16		210
7.75 -	5	10	4	7	10	14		50
8.75 -	3	11	7	7	16	12		56
9.75 -			11	1	8	1		21
10.75 -								
11.75 -			2	6	1			9
12.75 -			1					1
13.75 -								
14.75 -								
CALM								
TOTAL	2205	1560	1718	509	427	187		6606
MAX	9.00	9.50	13.00	12.00	12.00	10.00		13.00

AREA M09S (35N-37.5N, 150E-160E)								
HEIGHT (M)	PERIOD (SEC)						DATA NUMBER MEAN OF DATA	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	102	2	1	11			8	124
0.75 -	911	223	112	13	8			1267
1.75 -	930	512	571	170	58	14		2255
2.75 -	497	669	571	215	114	41		2107
3.75 -	153	269	402	98	69	42		1033
4.75 -	11	54	140	47	44	14		310
5.75 -	16	40	73	34	34	13		210
6.75 -	8	66	37	24	28	13		176
7.75 -	6	5	8	5	21	11		56
8.75 -	3	8	5	12	8	6		42
9.75 -	1	5	7	2	2	2		19
10.75 -								
11.75 -								
12.75 -					1			1
13.75 -						1		1
14.75 -					2	2		4
CALM							1	1
TOTAL	2638	1853	1927	631	389	159	9	7606
MAX	10.00	10.00	10.00	10.00	16.50	15.00	.00	16.50

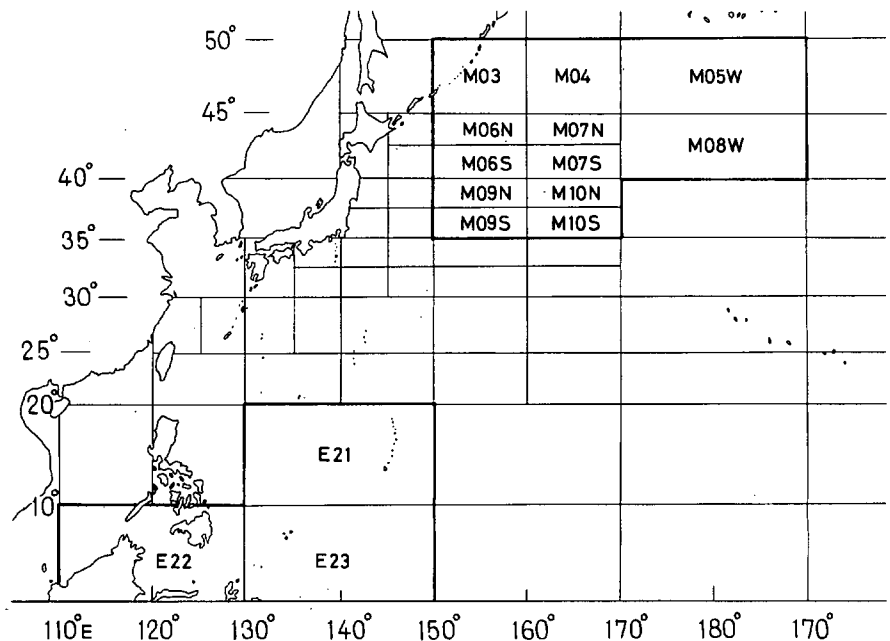
AREA M07S (40N-42.5N, 160E-170E)								
HEIGHT (M)	PERIOD (SEC)						DATA NUMBER MEAN OF DATA	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	46		3	8				57
0.75 -	377	119	46	13	5	5		565
1.75 -	464	347	369	84	35	7		1306
2.75 -	204	395	376	118	121	25		1239
3.75 -	66	220	292	62	69	34		743
4.75 -	8	34	103	26	20			191
5.75 -	3	12	25	14	24	14		92
6.75 -	4	45	36	17	19	15		136
7.75 -	5	15	13	10	11	6		60
8.75 -	5	3	6	3	3	12		32
9.75 -		3	7		5			15
10.75 -		1			1			2
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -					1			1
CALM							2	2
TOTAL	1182	1194	1276	356	314	118	2	4442
MAX	9.00	11.00	10.00	12.00	15.00	9.50	.00	15.00

AREA M10N (37.5N-40N, 160E-170E)								
HEIGHT (M)	PERIOD (SEC)						DATA NUMBER MEAN OF DATA	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	43		1	6			3	53
0.75 -	367	112	34	4	2	1		520
1.75 -	457	312	302	114	41	11		1237
2.75 -	290	379	355	154	95	21		1294
3.75 -	80	149	258	91	91	31		700
4.75 -	8	28	89	40	36	10		211
5.75 -	6	5	33	30	32	10		116
6.75 -	12	32	37	27	27	14		149
7.75 -	6	10	5	12	11	5		49
8.75 -	1	8	1	3	9	3		25
9.75 -		1	1	2	21			25
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							2	2
TOTAL	1270	1036	1116	484	365	106	5	4382
MAX	9.00	10.00	10.00	12.00	10.00	9.00	.00	12.00

AREA M08W (40N-45N, 170E-170W)								
HEIGHT (M)	PERIOD (SEC)						DATA NUMBER MEAN OF DATA	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	141	3	2	16	4	1	8	175
0.75 -	1141	286	102	28	25	7		1589
1.75 -	1105	711	585	225	65	40		2731
2.75 -	677	839	762	311	180	71		2840
3.75 -	208	349	614	140	161	87		1559
4.75 -	21	90	252	91	81	21		556
5.75 -	22	37	99	46	90	34		328
6.75 -	22	115	81	41	48	27		334
7.75 -	2	18	24	17	29	8		98
8.75 -		11	8	9	19	15		62
9.75 -		4	22	2	16	9		53
10.75 -			1		3	4		8
11.75 -					4	4		8
12.75 -								
13.75 -					2			2
14.75 -						4		4
CALM							5	5
TOTAL	3339	2463	2552	926	727	332	13	10352
MAX	8.50	10.00	11.50	10.00	14.00	15.00	.00	15.00

AREA M10S (35N-37.5N, 160E-170E)								
HEIGHT (M)	PERIOD (SEC)						DATA NUMBER MEAN OF DATA	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	56	1	1	8		1	4	71
0.75 -	590	143	59	14	9	3		818
1.75 -	651	406	415	120	59	21		1672
2.75 -	405	460	453	167	98	45		1628
3.75 -	138	206	382	109	97	35		967
4.75 -	13	49	124	24	43	16		269
5.75 -	8	20	54	36	39	15		172
6.75 -	9	49	34	38	17	6		153
7.75 -	5	5	15	4	12	5		46
8.75 -	4	6	10	2	6	1		29
9.75 -		2	11	1	7	1		22
10.75 -								
11.75 -					1			1
12.75 -								
13.75 -								
14.75 -			1	2	1			4
CALM							1	1
TOTAL	1879	1347	1559	525	389	149	5	5853
MAX	9.00	10.00	15.00	15.00	15.00	10.00	.00	15.00

AREA M09N (37.5N-40N, 150E-160E)								
HEIGHT (M)	PERIOD (SEC)						DATA NUMBER MEAN OF DATA	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	63	3	1	6			3	76
0.75 -	717	244	109	14	9	1		1094
1.75 -	632	514	449	103	59	16		1773
2.75 -	386	561	474	168	80	26		1695
3.75 -	133	266	372	107	89	26		993
4.75 -	14	58	127	32	49	6		286
5.75 -	2	24	59	16	28	3		132
6.75 -	3	51	33	11	20	5		123
7.75 -	1	7	28	11	19	6		72
8.75 -	1	4	10	8	1	8		32
9.75 -		2	8	2	4	3		19
10.75 -					1			1
11.75 -			2	4	3	5		14
12.75 -								
13.75 -								
14.75 -					1			1
CALM							1	1
TOTAL	1952	1734	1672	482	363	105	4	6312
MAX	9.00	10.00	12.00	12.50	15.00	12.00	.00	15.00



WAVE HEIGHT - PERIOD

SEASON WINTER

AREA M11W		(35N-40N, 170E-170W)						DATA NUMBER		12982	
								MEAN OF DATA		3.05 M	
		PERIOD (SEC)									
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL			
0.00 -	184	5	2	16			18	225			
0.75 -	1625	312	176	39	40	12		2204			
1.75 -	1442	990	765	287	148	74		3706			
2.75 -	778	1004	998	376	220	90		3456			
3.75 -	240	424	716	256	203	113		1957			
4.75 -	18	82	244	85	102	25		556			
5.75 -	18	26	114	68	69	43		338			
6.75 -	27	107	64	42	33	40		313			
7.75 -	6	10	17	20	25	14		92			
8.75 -	4	26	9	8	13	8		68			
9.75 -		6	7	1	13	3		30			
10.75 -			1		1			2			
11.75 -			2	10	3			15			
12.75 -		1	1					2			
13.75 -		1	1					2			
14.75 -		1	2	1	6			10			
CALM							6	6			
TOTAL	4342	2995	3109	1209	881	422	24	12982			
MAX	9.50	15.00	15.00	17.50	15.00	10.00	.00	17.50			

AREA M13S		(30N-32.5N, 160E-170E)						DATA NUMBER		8142	
								MEAN OF DATA		2.73 M	
		PERIOD (SEC)									
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL			
0.00 -	165	7	1	12			8	193			
0.75 -	1368	261	163	32	23	4		1851			
1.75 -	999	657	636	201	80	41		2614			
2.75 -	426	535	578	207	130	35		1911			
3.75 -	129	191	342	110	92	31		895			
4.75 -	12	47	140	49	59	14		321			
5.75 -	6	14	59	28	24	17		148			
6.75 -	3	28	32	20	20	13		116			
7.75 -		1	13	8	13	10		45			
8.75 -		4	5	3	4	1		17			
9.75 -		3	5	6	3	1		18			
10.75 -			2					2			
11.75 -		2		3	1			6			
12.75 -		1						1			
13.75 -											
14.75 -											
CALM							4	4			
TOTAL	3108	1751	1976	679	449	167	12	8142			
MAX	7.50	13.00	11.00	12.00	12.00	10.00	.00	13.00			

AREA M12N		(32.5N-35N, 150E-160E)						DATA NUMBER		10504	
								MEAN OF DATA		2.96 M	
		PERIOD (SEC)									
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL			
0.00 -	149	1	8	17			5	180			
0.75 -	1374	288	173	34	19	13		1901			
1.75 -	1182	979	845	241	71	32		3350			
2.75 -	617	759	795	303	137	38		2649			
3.75 -	194	312	516	150	107	54		1333			
4.75 -	18	76	177	71	50	16		408			
5.75 -	17	36	83	45	50	11		242			
6.75 -	11	76	63	27	47	24		248			
7.75 -	8	4	17	21	15	5		70			
8.75 -	2	3	17	11	19	7		59			
9.75 -	3	1	19	11	13	2		49			
10.75 -			1	2	3	1		7			
11.75 -			1	2	2			5			
12.75 -											
13.75 -											
14.75 -		1						1			
CALM							2	2			
TOTAL	3575	2536	2715	935	533	203	7	10504			
MAX	10.00	15.00	12.00	12.00	12.50	11.00	.00	15.00			

AREA M14W		(30N-35N, 170E-170W)						DATA NUMBER		24120	
								MEAN OF DATA		2.77 M	
		PERIOD (SEC)									
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL			
0.00 -	641	10	15	52	3	2	22	746			
0.75 -	4108	783	500	94	66	30		5581			
1.75 -	2532	1791	1655	500	321	128		6927			
2.75 -	1109	1527	1932	589	492	145		5794			
3.75 -	340	620	1132	382	314	141		2929			
4.75 -	30	144	417	133	177	38		939			
5.75 -	17	53	132	85	113	41		441			
6.75 -	7	93	104	49	82	22		357			
7.75 -	8	12	32	23	37	23		135			
8.75 -	4	21	21	13	17	16		92			
9.75 -	3	9	17	6	18	14		67			
10.75 -				4	4			8			
11.75 -		5	5	4	5	2		21			
12.75 -			4			1		5			
13.75 -		1	1	1	1			4			
14.75 -		2	4	2	2	2		12			
CALM							62	62			
TOTAL	8799	5071	5972	1937	1652	605	84	24120			
MAX	10.00	17.50	15.00	15.00	15.00	18.00	.00	18.00			

AREA M12S		(30N-32.5N, 150E-160E)						DATA NUMBER		10141
		PERIOD (SEC)						MEAN OF DATA		2.87 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	179	3	3	16			8	209		
0.75 -	1579	289	166	36	34	6		2110		
1.75 -	1269	847	701	168	92	39		3116		
2.75 -	530	756	760	234	118	41		2439		
3.75 -	178	334	516	135	123	47		1333		
4.75 -	19	65	193	58	55	18		408		
5.75 -	11	15	79	35	27	12		179		
6.75 -	3	34	59	21	17	16		150		
7.75 -	8	4	19	7	22	12		72		
8.75 -	1	6	18	14	12	6		57		
9.75 -	1	3	11	15	17	1		48		
10.75 -			3	1	1			5		
11.75 -			3	1				4		
12.75 -				1	1			2		
13.75 -				1				1		
14.75 -	1	3						4		
CALM							4	4		
TOTAL	3779	2359	2531	743	519	198	12	10141		
MAX	15.50	15.00	12.50	14.00	13.00	10.00	.00	15.50		

WAVE HEIGHT - PERIOD

SEASON WINTER

AREA M17W (25N-30N, 170E-170W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 21107 2.46 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	958	9	7	59	1		57	1091
0.75 -	4129	988	556	131	99	65		5968
1.75 -	2021	1789	1766	571	360	117		6624
2.75 -	772	1128	1376	478	385	115		4254
3.75 -	212	397	731	211	226	123		1900
4.75 -	38	93	268	86	86	31		602
5.75 -	13	36	79	35	61	23		247
6.75 -	10	43	44	24	37	20		178
7.75 -	4	5	13	10	34	6		72
8.75 -	7	16	15	5	18	4		65
9.75 -	1	3	13	3	20	5		45
10.75 -			1	1	1	1		4
11.75 -		1	1	2	4			8
12.75 -					1	1		2
13.75 -		2	1					3
14.75 -	1				1	2		4
CALM							40	40
TOTAL	8166	4510	4871	1616	1334	513	97	21107
MAX	20.00	14.00	14.50	12.50	15.00	15.00	.00	20.00

AREA M21 (10N-20N, 150E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 10859 1.93 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	600	29	19	24	1	3	61	737
0.75 -	3148	872	473	77	69	34		4673
1.75 -	1169	1102	729	169	150	79		3398
2.75 -	288	479	466	71	123	40		1467
3.75 -	18	130	156	35	52	19		410
4.75 -	8	28	35	10	11	4		96
5.75 -		9	17	3	11	2		42
6.75 -		3	1			1		5
7.75 -		5						5
8.75 -								
9.75 -								
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM							25	25

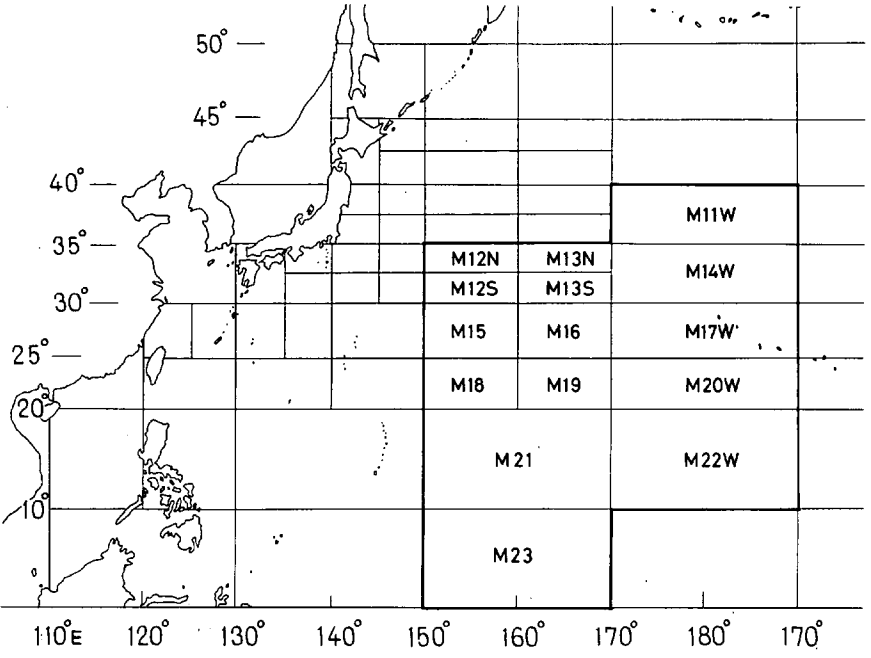
AREA M18 (20N-25N, 150E-160E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 4415 1.90 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	313	13	2	15		2	36	381
0.75 -	1143	369	235	47	47	19		1860
1.75 -	375	400	385	93	61	33		1347
2.75 -	109	156	202	50	49	20		586
3.75 -	15	52	81	19	13	7		187
4.75 -	2	7	12	1	3			25
5.75 -		4	3	3	5	1		16
6.75 -						1		1
7.75 -			1					1
8.75 -								
9.75 -			1					1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							10	10
TOTAL	1957	1001	922	228	178	83	46	4415
MAX	5.00	6.00	10.00	6.00	6.50	7.50	.00	10.00

AREA M22W (10N-20N, 170E-170W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 7768 2.03 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	472	26	18	38	3	5	31	593
0.75 -	1901	569	367	77	56	26		2996
1.75 -	719	763	571	129	109	47		2338
2.75 -	294	384	355	96	105	41		1275
3.75 -	34	124	124	26	37	19		364
4.75 -	4	17	39	13	19	5		97
5.75 -	1	1	22	7	12	3		46
6.75 -	1	5	5	2	5	1		19
7.75 -			3		1			4
8.75 -				1	3	1		5
9.75 -					1			1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							30	30
TOTAL	3426	1889	1504	389	351	148	61	7768
MAX	7.00	7.50	8.00	9.00	10.50	9.50	.00	10.50

AREA M19 (20N-25N, 160E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 4614 1.95 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	325	18	6	21		1	39	410
0.75 -	1115	389	219	36	42	24		1825
1.75 -	348	372	444	132	109	34		1439
2.75 -	80	169	221	78	80	32		660
3.75 -	9	51	55	27	44	13		199
4.75 -	2	5	13	5	16			41
5.75 -		3	6	1	2	1		13
6.75 -			1		3			4
7.75 -			1	4				5
8.75 -			1			1		2
9.75 -								
10.75 -			1					1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							15	15
TOTAL	1879	1007	968	304	296	106	54	4614
MAX	5.00	6.50	11.50	8.50	7.50	9.50	.00	11.50

AREA M23 (00N-10N, 150E-170E)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 6277 1.66 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	535	38	13	3	5	1	29	624
0.75 -	1844	900	401	67	34	30		3276
1.75 -	557	643	375	61	25	17		1678
2.75 -	99	196	159	34	9	12		509
3.75 -	2	43	59	13	14	2		133
4.75 -	4	2	9	2	17			34
5.75 -	1		1		3	1		6
6.75 -		1	2					3
7.75 -								
8.75 -								
9.75 -								
10.75 -	1							1
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							12	12
TOTAL	3043	1823	1019	181	107	63	41	6277
MAX	11.00	7.50	7.50	12.00	6.00	6.50	.00	12.00

AREA M20W (20N-25N, 170E-170W)								
PERIOD (SEC)								DATA NUMBER MEAN OF DATA 15483 2.18 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	865	16	15	56	4	1	54	1011
0.75 -	3491	899	576	131	97	41		5235
1.75 -	1372	1408	1351	460	271	113		4975
2.75 -	423	727	898	326	253	84		2711
3.75 -	87	203	417	107	108	87		1009
4.75 -	9	41	121	54	53	17		295
5.75 -	4	31	33	25	13	9		115
6.75 -	2	12	13	8	12	12		59
7.75 -	1	4	6	3	6			20
8.75 -		1	2		1	5		9
9.75 -	1		1		4			6
10.75 -								
11.75 -				1				1
12.75 -					1			1
13.75 -		1						1
14.75 -								
CALM							35	35
TOTAL	6255	3343	3433	1171	823	369	89	15483
MAX	10.00	14.50	10.00	12.00	13.00	9.00	.00	14.50



WAVE HEIGHT – PERIOD

SEASON WINTER

AREA M24W		PERIOD (SEC)						DATA NUMBER	2111
(00N-10N, 170E-170W)								MEAN OF DATA	1.75 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	196	6	8			1	13	224	
0.75 -	633	214	91	20	15	2		975	
1.75 -	187	194	157	42	20	7		607	
2.75 -	28	80	61	39	8	3		219	
3.75 -	11	20	14	4	13	1		60	
4.75 -			3		9	4		16	
5.75 -	1		1		3			5	
6.75 -									
7.75 -									
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							2	2	
TOTAL	1056	514	335	105	68	18	15	2111	
MAX	6.00	4.50	6.00	4.50	6.00	5.50	.00	6.00	

AREA W04		PERIOD (SEC)						DATA NUMBER	11987
(50N-55N, 150W-130W)								MEAN OF DATA	2.93 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	1.71 M
0.00 -	185	31	13	12			5	246	
0.75 -	1132	857	347	95	67	17	33	2548	
1.75 -	711	1210	1096	391	129	83	42	3662	
2.75 -	223	719	745	415	189	92	45	2468	
3.75 -	87	331	578	283	138	62	19	1498	
4.75 -	21	123	186	139	93	22	5	589	
5.75 -	1	58	157	108	57	40	8	429	
6.75 -		27	63	59	32	20	1	202	
7.75 -		16	22	26	19	16	1	100	
8.75 -		2	11	18	13	13	1	58	
9.75 -		3	10	10	18	11	1	53	
10.75 -			3	3		5		11	
11.75 -			1	2	1	1		5	
12.75 -									
13.75 -			2	1	1			4	
14.75 -			1		2	2		5	
CALM	25	1					83	109	
TOTAL	2385	3378	3275	1562	759	384	244	11987	
MAX	6.00	10.00	15.00	14.00	15.00	15.00	10.00	15.00	

AREA W01		PERIOD (SEC)						DATA NUMBER	7359
(55N-65N, 170W-160W)								MEAN OF DATA	2.22 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	1.40 M
0.00 -	453	103	24	18			2	600	
0.75 -	1515	541	235	65	35	7		2398	
1.75 -	959	757	261	72	27	10	2	2088	
2.75 -	137	750	289	41	22	1	1	1241	
3.75 -	31	168	272	81	12		1	565	
4.75 -	3	40	71	30	12			156	
5.75 -		12	33	35	5	3		88	
6.75 -		11	11	20	9	3		54	
7.75 -		6	7	6	1			20	
8.75 -			6	1	2	16		25	
9.75 -			1	1	1			3	
10.75 -									
11.75 -				2				2	
12.75 -									
13.75 -									
14.75 -				1				1	
CALM	70						48	118	
TOTAL	3168	2388	1210	373	126	40	54	7359	
MAX	5.00	8.50	10.00	15.00	10.00	9.50	4.00	15.00	

AREA W05		PERIOD (SEC)						DATA NUMBER	9745
(45N-50N, 170W-150W)								MEAN OF DATA	2.99 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	1.57 M
0.00 -	96	16	6	11			1	130	
0.75 -	526	753	317	93	42	11	16	1758	
1.75 -	373	953	1101	462	131	46	20	3086	
2.75 -	144	675	797	458	210	70	10	2364	
3.75 -	28	247	522	262	157	102	10	1328	
4.75 -	18	71	158	139	68	12	5	471	
5.75 -		28	65	56	71	38	2	260	
6.75 -		17	45	45	34	19	1	161	
7.75 -		8	11	15	15	15	3	67	
8.75 -		1	15	4	17	27		64	
9.75 -			9	11	9	9		38	
10.75 -		1		1		1		3	
11.75 -				1	1			2	
12.75 -				1	1			2	
13.75 -									
14.75 -									
CALM	7		1				3	11	
TOTAL	1192	2770	3047	1559	756	350	71	9745	
MAX	5.50	11.00	10.00	13.50	13.00	11.00	8.50	13.50	

AREA W02		PERIOD (SEC)						DATA NUMBER	7630
(55N-65N, 160W-130W)								MEAN OF DATA	2.39 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	1.58 M
0.00 -	405	33	19	13			5	475	
0.75 -	1352	563	267	76	75	17	42	2392	
1.75 -	638	724	424	204	75	41	28	2134	
2.75 -	217	401	363	135	65	42	16	1239	
3.75 -	77	199	225	86	45	28	12	672	
4.75 -	22	66	63	45	14	4	2	216	
5.75 -		37	51	39	14	13	2	156	
6.75 -		20	31	21	6	9		87	
7.75 -		3	9	8	7	5		32	
8.75 -			2	4	1	5		12	
9.75 -		2	1	3		7		13	
10.75 -			6	1				7	
11.75 -			1	2		4		7	
12.75 -					1			1	
13.75 -									
14.75 -			1		1			2	
CALM	93	3					89	185	
TOTAL	2804	2051	1463	637	304	175	196	7630	
MAX	5.50	10.50	15.00	12.50	15.00	12.50	6.50	15.00	

AREA W06		PERIOD (SEC)						DATA NUMBER	13474
(45N-50N, 150W-130W)								MEAN OF DATA	2.89 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	1.57 M
0.00 -	206	31	10	12			4	263	
0.75 -	1091	964	389	110	68	11	50	2683	
1.75 -	671	1333	1358	492	176	94	97	4221	
2.75 -	226	864	1070	517	274	99	29	3079	
3.75 -	79	295	637	370	179	107	17	1684	
4.75 -	21	103	258	182	99	28	4	695	
5.75 -		46	108	102	61	43	9	369	
6.75 -		21	54	67	46	29	3	220	
7.75 -		3	16	9	20	12		60	
8.75 -			10	5	15	30	7	67	
9.75 -		2	9	7	6	10		34	
10.75 -			7	1		1		9	
11.75 -				2	1		1	4	
12.75 -			1					1	
13.75 -						1		1	
14.75 -					1			1	
CALM	28	1					54	83	
TOTAL	2322	3663	3927	1876	946	465	275	13474	
MAX	5.50	10.00	13.50	12.50	15.00	14.00	12.00	15.00	

AREA W03		PERIOD (SEC)						DATA NUMBER	13232
(50N-55N, 170W-150W)								MEAN OF DATA	2.74 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	1.40 M
0.00 -	353	37	19	14			2	425	
0.75 -	1415	976	531	155	71	11	12	3171	
1.75 -	815	1392	1293	535	117	37	17	4206	
2.75 -	247	819	808	439	187	82	10	2592	
3.75 -	72	382	556	328	141	69	8	1556	
4.75 -	25	113	214	139	43	14	4	552	
5.75 -		74	78	76	41	28		297	
6.75 -		35	43	45	35	22		180	
7.75 -		9	11	20	28	13		81	
8.75 -			9	17	13	22		61	
9.75 -		2	12	5	9	5		33	
10.75 -			2	4	1	4		11	
11.75 -				3		4		7	
12.75 -					2	1		3	
13.75 -						2		2	
14.75 -			2		1	1		4	
CALM	31	2					18	51	
TOTAL	2958	3841	3578	1780	689	315	71	13232	
MAX	5.50	10.00	15.00	12.00	15.00	15.00	5.00	15.00	

AREA W07								DATA NUMBER	8510
(45N-55N, 130W-110W)		PERIOD (SEC)						MEAN OF DATA	2.07 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	1.40 M
0.00 -	388	287	86	18			11	790	
0.75 -	1458	1119	402	82	52	10	39	3162	
1.75 -	468	804	505	172	66	41	35	2091	
2.75 -	172	454	300	130	63	46	27	1192	
3.75 -	72	148	195	89	39	13	6	562	
4.75 -	12	42	82	30	19	7		192	
5.75 -		23	35	30	19	12	3	122	
6.75 -		11	15	5	9	7	3	50	
7.75 -		3	6	2	3	3	1	18	
8.75 -		2	2	4		2		10	
9.75 -			1	1	4	2		8	
10.75 -				1		1		2	
11.75 -									
12.75 -									
13.75 -						1		1	
14.75 -									
CALM	63	2					245	310	
TOTAL	2633	2895	1629	564	274	145	370	8510	
MAX	5.50	9.00	10.00	11.00	10.50	14.00	8.00	14.00	

WAVE HEIGHT — PERIOD

SEASON WINTER

AREA W08

(40N-45N, 170W-150W)

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	114	16	15	1			2	148
0.75 -	502	416	220	62	52	11	40	1303
1.75 -	327	636	642	313	91	49	64	2122
2.75 -	102	504	527	334	212	83	41	1803
3.75 -	37	145	312	200	103	69	31	897
4.75 -	26	60	127	99	52	11	4	379
5.75 -	1	18	38	54	43	31	2	187
6.75 -		12	21	25	16	16	2	92
7.75 -		1	10	8	9	5	1	34
8.75 -			8	3	9	11		31
9.75 -			1	2	4	5		12
10.75 -			1				1	2
11.75 -			3					3
12.75 -					1	1		2
13.75 -								
14.75 -								
CALM	20	3					9	32
TOTAL	1129	1811	1925	1101	592	292	197	7047
MAX	6.00	8.50	12.50	10.00	13.00	13.50	11.50	13.50

AREA W12

(35N-40N, 150W-130W)

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	587	136	18	10			44	795
0.75 -	1907	1254	597	213	140	50	118	4279
1.75 -	767	1502	1281	639	254	123	113	4679
2.75 -	203	779	784	518	248	160	45	2737
3.75 -	73	223	413	257	144	77	34	1225
4.75 -	34	61	137	86	56	28	1	403
5.75 -		25	55	59	66	27	8	240
6.75 -		15	19	28	27	15	2	106
7.75 -		3	6	12	15	10		46
8.75 -		1	12	7	8	5		33
9.75 -			3	1	1	3		8
10.75 -					1	2		3
11.75 -						4		4
12.75 -								
13.75 -								
14.75 -								
CALM	89	5					117	211
TOTAL	3660	4004	3325	1830	964	504	482	14769
MAX	5.50	9.00	10.00	10.00	11.00	12.50	7.00	12.50

AREA W09

(40N-45N, 150W-130W)

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	171	19	22	14			14	240
0.75 -	799	647	317	107	46	15	58	1989
1.75 -	388	1003	899	367	119	53	64	2893
2.75 -	128	546	575	367	201	53	44	1914
3.75 -	52	202	309	176	99	46	12	896
4.75 -	23	58	135	101	66	15	4	402
5.75 -		29	65	66	35	40	2	237
6.75 -		14	35	30	14	25	2	120
7.75 -		10	13	19	7	12		61
8.75 -		3	7	4	2	10		26
9.75 -		4	8	6	1	3		22
10.75 -			2			1	1	4
11.75 -			2		2	1		5
12.75 -			1					1
13.75 -								
14.75 -								
CALM	29						49	78
TOTAL	1590	2535	2390	1257	592	274	250	8888
MAX	5.50	10.00	13.50	10.50	12.00	12.50	11.50	13.50

AREA W13

(35N-40N, 130W-110W)

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	808	126	32	40			23	1029
0.75 -	2052	1207	517	258	163	38	68	4303
1.75 -	655	1085	923	450	167	106	67	3453
2.75 -	169	449	474	245	146	69	42	1594
3.75 -	34	109	178	113	92	44	15	585
4.75 -	11	30	60	40	23	6	3	173
5.75 -		14	19	12	15	14	5	79
6.75 -		4	7	8	7	3		29
7.75 -		1	2	7	3	1	1	15
8.75 -			1	2	1	1		5
9.75 -			1					1
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM	132	3					126	261
TOTAL	3861	3028	2215	1175	617	282	350	11528
MAX	5.50	8.00	10.00	9.00	9.00	9.00	8.00	10.00

AREA W10

(40N-45N, 130W-110W)

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	236	69	35	28			8	376
0.75 -	815	581	441	174	70	23	26	2130
1.75 -	358	510	575	264	64	32	25	1828
2.75 -	110	249	360	149	78	31	16	993
3.75 -	46	110	141	90	37	19	11	454
4.75 -	13	33	53	31	24	4	2	160
5.75 -		17	31	10	13	8	1	80
6.75 -		10	4	5	9	4		32
7.75 -		2	6	10	2	1		21
8.75 -			3	2	1	2	1	9
9.75 -		1	3		1	3		8
10.75 -								
11.75 -					2	1		3
12.75 -								
13.75 -								
14.75 -								
CALM	25						51	76
TOTAL	1603	1582	1652	763	301	128	141	6170
MAX	5.50	10.00	10.00	9.50	12.50	12.50	9.00	12.50

AREA W14

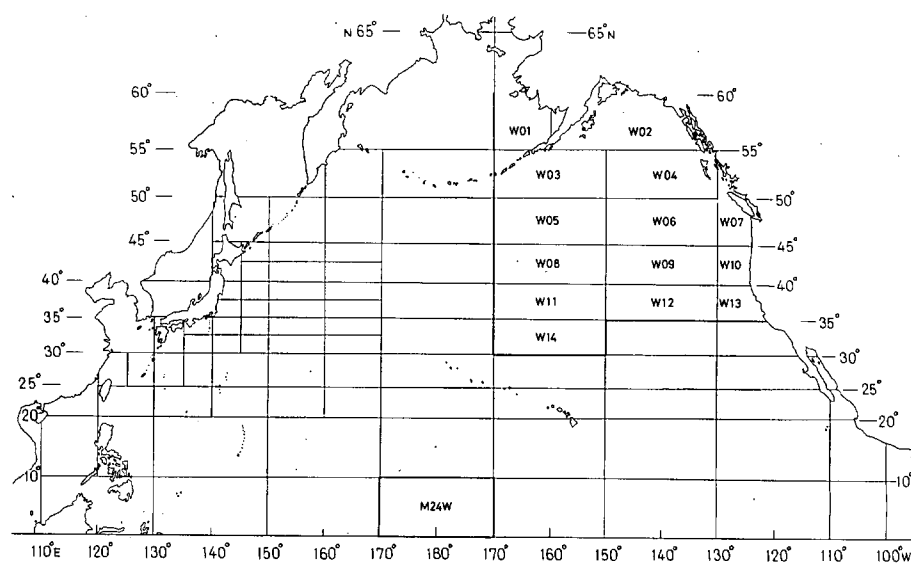
(30N-35N, 170W-150W)

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	327	39	18	9			8	401
0.75 -	1639	1203	563	243	153	39	86	3926
1.75 -	835	1639	1610	749	390	174	125	5522
2.75 -	294	863	1188	692	392	184	63	3676
3.75 -	96	339	606	421	222	122	36	1842
4.75 -	30	102	218	167	104	39	10	670
5.75 -		33	97	119	87	56		392
6.75 -		21	60	61	52	39	1	234
7.75 -		3	14	28	28	29		102
8.75 -		1	13	23	15	16	6	74
9.75 -		1	4	17	5	17		44
10.75 -			1	1		3		5
11.75 -			2	3	5	8		18
12.75 -			1	3				4
13.75 -			1	1		1		3
14.75 -			2	2	2	3		9
CALM	54	4					28	86
TOTAL	3275	4248	4398	2539	1455	730	363	17008
MAX	5.50	10.00	15.00	15.00	15.00	16.00	9.50	16.00

AREA W11

(35N-40N, 170W-150W)

HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	152	19	8	3			2	184
0.75 -	913	622	329	104	68	21	23	2080
1.75 -	470	1013	938	445	175	99	89	3229
2.75 -	162	690	783	453	226	136	43	2493
3.75 -	54	247	386	320	151	80	21	1259
4.75 -	6	48	190	124	60	26	9	463
5.75 -		28	81	86	82	35		312
6.75 -		20	30	30	37	22	2	141
7.75 -		1	12	14	17	7	1	52
8.75 -			2	7	8	7		24
9.75 -			4	7	3	4	1	19
10.75 -				1		2	2	5
11.75 -			3		6	1		10
12.75 -								
13.75 -								
14.75 -				2	1			3
CALM	17	1					25	43
TOTAL	1774	2689	2766	1596	834	440	218	10317
MAX	5.50	8.00	12.50	15.00	15.00	12.50	11.50	15.00



WAVE HEIGHT - PERIOD

SEASON WINTER

AREA W15 (30N-35N, 150W-130W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		24504 2.24 M 1.23 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	933	81	38	53			36	1141	
0.75 -	3605	2357	1093	470	316	99	211	8151	
1.75 -	1489	2474	2057	1092	522	297	204	8135	
2.75 -	385	1057	1250	784	371	181	91	4119	
3.75 -	92	389	526	306	235	105	51	1704	
4.75 -	35	96	158	135	70	33	12	539	
5.75 -		30	67	61	77	33	12	280	
6.75 -		15	21	18	30	17	1	102	
7.75 -		1	4	5	7	3		20	
8.75 -		4	2	4	2	4		16	
9.75 -		1	5		1	5	1	13	
10.75 -					2	1		3	
11.75 -			1	2				3	
12.75 -									
13.75 -									
14.75 -									
CALM	154	2	1		1		120	278	
TOTAL	6693	6507	5223	2930	1634	778	739	24504	
MAX	5.50	10.00	12.00	12.50	11.00	11.50	10.00	12.50	

AREA W19 (25N-30N, 130W-110W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		10514 1.36 M .84 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1562	151	75	93			33	1914	
0.75 -	2766	1355	617	250	180	38	70	5276	
1.75 -	506	704	560	188	92	66	28	2144	
2.75 -	56	132	144	85	45	17	4	483	
3.75 -	6	24	41	27	25	13	5	141	
4.75 -	1	3	6	7	6	1		24	
5.75 -					1			1	
6.75 -				1		2		3	
7.75 -			1					1	
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	283		2				242	527	
TOTAL	5180	2369	1446	651	349	137	382	10514	
MAX	5.50	5.00	8.00	7.50	6.50	7.00	4.50	8.00	

AREA W16 (30N-35N, 130W-110W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		21802 1.43 M 1.04 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	3192	533	257	223			206	4411	
0.75 -	4529	2613	1222	573	358	40	254	9589	
1.75 -	864	1400	1052	613	244	104	72	4349	
2.75 -	133	403	424	265	130	81	24	1460	
3.75 -	39	104	133	88	75	34	13	486	
4.75 -	5	26	26	43	18	6	2	126	
5.75 -		14	22	15	9	10		70	
6.75 -			2	6	6	5	2	21	
7.75 -			3	1	2	4		10	
8.75 -			6	2	1	5		14	
9.75 -					1	1		2	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	531	9	6		4		714	1264	
TOTAL	9293	5102	3153	1829	848	290	1287	21802	
MAX	5.50	6.00	9.00	9.00	10.00	10.00	7.00	10.00	

AREA W20 (20N-25N, 170W-150W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		22625 2.07 M 1.16 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	1153	120	76	47			21	1417	
0.75 -	3916	2322	1055	422	250	67	185	8227	
1.75 -	1481	2321	2098	905	430	244	185	7664	
2.75 -	338	847	897	607	332	145	67	3233	
3.75 -	101	242	352	244	158	70	16	1183	
4.75 -	27	80	108	74	47	19	8	363	
5.75 -		26	28	32	25	17	1	129	
6.75 -		15	18	13	13	13	1	73	
7.75 -		6	8	5	9	1		29	
8.75 -		1		2	7	3		13	
9.75 -		2	6		4	3		15	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	163	4	1				111	279	
TOTAL	7179	5986	4657	2351	1275	582	595	22625	
MAX	5.50	10.00	10.50	9.00	10.00	10.00	7.50	10.50	

AREA W17 (25N-30N, 170W-150W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		13281 2.54 M 1.39 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	359	40	11	14			17	441	
0.75 -	1581	986	429	215	131	42	130	3514	
1.75 -	747	1445	1115	583	239	154	113	4396	
2.75 -	251	664	442	492	275	126	52	2702	
3.75 -	74	235	401	259	157	89	25	1240	
4.75 -	27	75	137	107	72	29	3	450	
5.75 -		28	56	57	58	24	7	230	
6.75 -		19	32	34	21	18	2	126	
7.75 -		2	10	7	15	10	1	45	
8.75 -			12	4	4	7	1	28	
9.75 -				2	2	2	1	7	
10.75 -			1	1		1		3	
11.75 -				2		1	1	4	
12.75 -						1		1	
13.75 -									
14.75 -									
CALM	58						36	94	
TOTAL	3097	3494	3046	1777	974	504	389	13281	
MAX	5.50	8.00	11.00	12.50	10.00	13.00	12.50	13.00	

AREA W21 (20N-25N, 150W-130W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		9233 2.12 M 1.12 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	387	33	24	14			8	466	
0.75 -	1651	890	445	137	105	38	56	3322	
1.75 -	606	1000	857	389	202	108	50	3212	
2.75 -	166	342	409	270	157	62	33	1439	
3.75 -	46	85	127	118	50	40	11	477	
4.75 -	4	16	32	57	21	13	5	148	
5.75 -		9	27	21	9	5		71	
6.75 -		1	7	4	4	1		17	
7.75 -				9	3			12	
8.75 -			1					1	
9.75 -			1			1		2	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -						1		1	
CALM	48	2					15	65	
TOTAL	2908	2378	1930	1019	551	269	178	9233	
MAX	5.00	7.50	10.00	8.50	8.50	17.00	5.50	17.00	

AREA W18 (25N-30N, 150W-130W)									
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		19524 2.14 M 1.14 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	795	94	37	25			22	973	
0.75 -	3170	1832	882	407	301	58	194	6844	
1.75 -	1284	2025	1792	816	474	204	196	6791	
2.75 -	333	775	888	580	299	139	71	3085	
3.75 -	48	254	356	229	130	66	22	1105	
4.75 -	14	58	118	56	47	14	9	316	
5.75 -		17	46	14	27	27	7	138	
6.75 -		6	17	12	6	7	2	50	
7.75 -			3	4	3	3	1	14	
8.75 -			8	1	1	5		15	
9.75 -			1	1		4		6	
10.75 -									
11.75 -			2					2	
12.75 -									
13.75 -									
14.75 -									
CALM	103	5					77	185	
TOTAL	5747	5066	4150	2145	1288	527	601	19524	
MAX	5.50	7.50	12.50	10.00	9.50	10.00	8.00	12.50	

AREA W22 (20N-25N, 130W-110W)				PERIOD (SEC)		DATA NUMBER MEAN OF DATA S.D. OF DATA		9021 1.29 M .80 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1512	155	55	61			44	1827
0.75 -	2461	1183	522	189	193	44	68	4660
1.75 -	354	531	355	161	78	60	15	1554
2.75 -	38	122	111	64	42	9	4	390
3.75 -	5	19	30	18	6	18		96
4.75 -			3	2	3			8
5.75 -			2					2
6.75 -								
7.75 -				1				1
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	282	4	3				194	483
TOTAL	4652	2014	1081	496	322	131	325	9021
MAX	4.50	4.50	6.00	8.00	5.00	4.50	3.50	8.00

WAVE HEIGHT - PERIOD

SEASON WINTER

AREA W23 (10N-20N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	282	41	26	16			8	373
0.75 -	1175	1072	536	180	105	39	80	3187
1.75 -	659	1114	882	400	133	123	78	3389
2.75 -	116	374	367	225	86	48	16	1232
3.75 -	45	89	165	99	55	11	5	469
4.75 -	16	13	41	30	7	3	2	112
5.75 -		4	20	7	5	9	1	46
6.75 -			7	6	2	2		17
7.75 -			2	2		1	1	6
8.75 -			1	1	1	1		4
9.75 -			1	1	1	2		5
10.75 -								
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM	40	2	2				38	82
TOTAL	2333	2709	2050	969	395	239	229	8924
MAX	5.00	6.00	10.00	12.50	10.00	10.00	8.00	12.50

AREA W27 (00N-10N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	78	5	3	1			1	88
0.75 -	434	255	132	50	16	2	12	901
1.75 -	141	347	167	108	45	8	11	827
2.75 -	31	77	87	55	15	7	9	281
3.75 -	6	16	22	13	5			62
4.75 -		2	2	4	5		2	15
5.75 -				1	2			3
6.75 -						2		2
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	18						2	20
TOTAL	708	702	413	232	88	19	37	2199
MAX	4.50	5.00	5.50	6.00	6.00	7.00	5.00	7.00

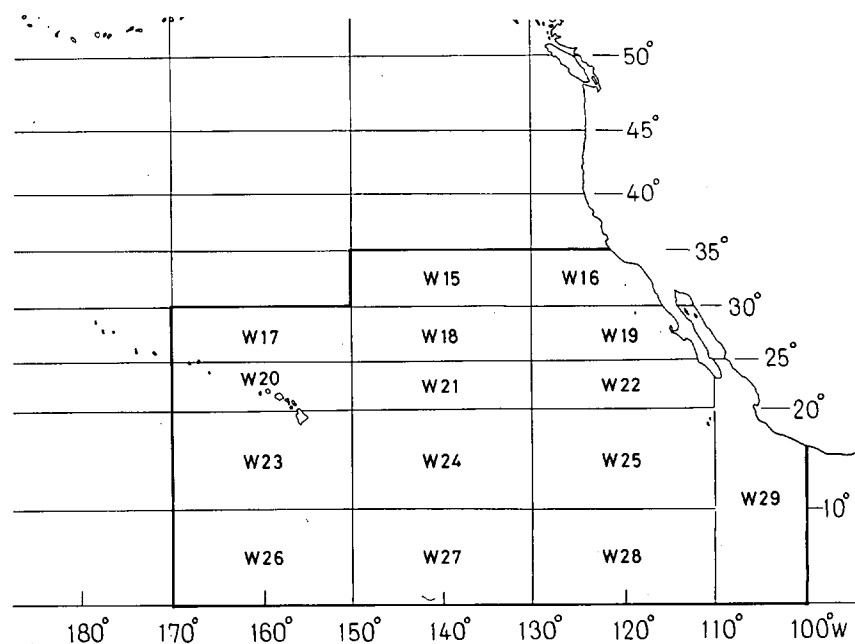
AREA W24 (10N-20N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	293	23	20	33			7	376
0.75 -	1595	992	464	135	135	59	72	3452
1.75 -	842	1464	983	448	167	103	72	4079
2.75 -	152	444	441	210	105	62	41	1455
3.75 -	61	85	183	81	31	21	4	466
4.75 -	4	11	35	24	12	10		96
5.75 -		4	10	5	4	8	1	32
6.75 -		2	4	3	1	1		11
7.75 -				1		2		3
8.75 -					1			1
9.75 -				1		2		3
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	21						31	52
TOTAL	2968	3025	2140	941	456	268	228	10026
MAX	5.50	7.50	7.50	10.00	9.00	10.00	6.00	10.00

AREA W28 (00N-10N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	134	10	8	7			1	160
0.75 -	450	356	165	90	22	13	40	1136
1.75 -	84	234	135	61	27	37	17	595
2.75 -	16	31	37	15	14	6	7	126
3.75 -	1	2	9	5	1			18
4.75 -					1			1
5.75 -					1			1
6.75 -								
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	29						12	41
TOTAL	714	633	354	178	66	56	77	2078
MAX	6.00	4.00	4.50	4.00	6.00	3.00	3.50	6.00

AREA W25 (10N-20N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	943	71	40	31			25	1110
0.75 -	3602	1903	712	307	238	95	96	6953
1.75 -	937	1455	943	381	201	116	40	4073
2.75 -	141	261	257	139	95	67	14	974
3.75 -	11	39	41	36	26	20	2	175
4.75 -	3	6	10	5	3	3	1	31
5.75 -		3	6	7	2	3		21
6.75 -			1		2	2		5
7.75 -		4			7			11
8.75 -								
9.75 -						2		2
10.75 -						1		1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	104	1	1				55	161
TOTAL	5741	3743	2011	906	574	309	233	13517
MAX	5.50	8.00	7.50	6.00	8.50	11.00	5.50	11.00

AREA W29 (00N-35N, 110W-100W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	4795	488	202	251			114	5850
0.75 -	5891	2875	1070	380	430	116	213	10975
1.75 -	602	831	422	152	104	86	41	2238
2.75 -	55	97	77	46	44	30	7	356
3.75 -	10	11	24	16	8	5	4	78
4.75 -	4	8	5	6		1	1	25
5.75 -		1	1			3		5
6.75 -						1		1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	1186	11	3		1		1035	2236
TOTAL	12543	4322	1804	851	587	242	1415	21764
MAX	5.50	6.00	6.00	5.00	4.50	7.00	5.50	7.00

AREA W26 (00N-10N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)						CALM	TOTAL
	-5	6-7	8-9	10-11	12-13	14-		
0.00 -	103	22	6	2			7	140
0.75 -	488	399	104	19	11	1	21	1043
1.75 -	191	289	220	80	23	5	13	821
2.75 -	67	100	86	47	11	14	11	336
3.75 -	12	31	18	4	2	2	4	73
4.75 -		4	8	5	8	4	2	31
5.75 -		3		3		1		7
6.75 -						1		1
7.75 -					1			1
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	11						3	14
TOTAL	872	848	442	160	56	28	61	2467
MAX	4.50	6.00	5.00	6.00	8.00	7.00	5.00	8.00



WAVE HEIGHT - PERIOD

ALL SEASONS

AREA E01-E23,M03-M24W,M03-W28								
(00N-55N, 110E-110W)								
DATA NUMBER 3564687								
MEAN OF DATA 1.92 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	316255	25000	10753	6879	812	752	16284	376735
0.75 -	883977	368899	155293	34377	23649	9568	8695	1484458
1.75 -	284372	322318	237483	68922	28636	14786	5622	962139
2.75 -	75933	137715	132627	48217	27460	10333	2057	434342
3.75 -	17088	40897	62267	22811	15792	7474	781	167110
4.75 -	2439	9394	19494	8198	6509	2231	214	48479
5.75 -	810	3572	7654	4701	4552	2364	121	23774
6.75 -	524	4911	4324	2718	2663	1583	43	16766
7.75 -	277	801	1485	1134	1508	792	15	6012
8.75 -	152	456	866	629	872	740	25	3740
9.75 -	48	237	792	329	617	378	8	2409
10.75 -	9	34	84	55	74	71	4	331
11.75 -	10	46	93	318	97	96	2	662
12.75 -	2	12	29	20	22	25		110
13.75 -		13	13	20	17	13		76
14.75 -	6	28	43	31	77	66		251
CALM	13076	278	124		16		23799	37293
TOTAL	1594978	914611	633424	199359	113373	51272	57670	3564687
MAX	20.00	20.00	20.00	20.00	17.50	20.00	12.50	20.00

AREA E03								
(40N-45N, 140E-145E)								
DATA NUMBER 3684								
MEAN OF DATA 1.43 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	541	110	89	5		3	26	774
0.75 -	930	645	264	91	11	8		1949
1.75 -	248	231	112	14	12	12		629
2.75 -	60	61	55	8	7	5		196
3.75 -	22	18	27	7	4	2		80
4.75 -	1	7	3		1	1		13
5.75 -	1	3	2		2			8
6.75 -		7	4		2	1		14
7.75 -	1	1		1				3
8.75 -	1				1			2
9.75 -		1				1		2
10.75 -								
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -								
CALM							13	13
TOTAL	1805	1084	556	127	40	33	39	3684
MAX	9.00	10.00	7.00	12.00	9.00	10.00	.00	12.00

AREA E01								
(45N-50N, 140E-150E)								
DATA NUMBER 804								
MEAN OF DATA 1.44 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	144	39	5	1		1	2	192
0.75 -	181	153	16		1			351
1.75 -	55	66	42	3		2		168
2.75 -	13	37	16	3	2			71
3.75 -	2	3	5					10
4.75 -			2					2
5.75 -		1		1				2
6.75 -		1						1
7.75 -								
8.75 -								
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							7	7
TOTAL	395	300	86	8	3	3	9	804
MAX	4.00	7.00	5.00	6.00	3.50	2.00	.00	7.00

AREA E04N								
(42.5N-45N, 145E-150E)								
DATA NUMBER 4017								
MEAN OF DATA 1.90 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	457	68	38	1	1	2	33	600
0.75 -	1077	429	193	34	19	6		1758
1.75 -	325	290	242	42	24	15		938
2.75 -	100	139	88	33	20	8		337
3.75 -	23	61	72	20	24	9		209
4.75 -		13	22	5	4	2		46
5.75 -	3	3	11	2	2	1		22
6.75 -		5	5	1	9	10		30
7.75 -		2	2		1			5
8.75 -					1	2		3
9.75 -								
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -			1					1
CALM							18	18
TOTAL	1985	1009	674	138	105	55	51	4017
MAX	6.50	8.00	15.00	7.00	9.00	9.00	.00	15.00

AREA E02N								
(40N-50N, 120E-140E)								
DATA NUMBER 2724								
MEAN OF DATA 1.49 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	654	50	19	2	1	3	56	785
0.75 -	790	298	20	5	1	4		1118
1.75 -	177	215	47	4	2	2		447
2.75 -	77	85	46	11	3	1		223
3.75 -	18	28	23	4	2	1		76
4.75 -	1	6	6	4	1			18
5.75 -		1	4					5
6.75 -		3	4	1	1			9
7.75 -								
8.75 -				4				4
9.75 -		1	7	1				9
10.75 -		1	2					3
11.75 -			2	1	1			4
12.75 -								
13.75 -								
14.75 -	1							1
CALM							22	22
TOTAL	1718	688	180	37	12	11	78	2724
MAX	16.00	11.00	12.50	12.00	12.00	4.50	.00	16.00

AREA E04S								
(40N-42.5N, 145E-150E)								
DATA NUMBER 12023								
MEAN OF DATA 2.06 M								
PERIOD (SEC)								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	873	60	40	16	2	4	46	1041
0.75 -	2884	1271	524	80	68	26		4653
1.75 -	1122	1236	696	192	59	19		3324
2.75 -	398	600	440	109	83	23		1653
3.75 -	72	189	266	69	42	25		663
4.75 -	13	55	85	20	9	7		189
5.75 -	5	23	31	24	16	13		112
6.75 -		36	43	7	11	5		102
7.75 -	2	7	15	7	5	3		39
8.75 -		2	3	2	4			11
9.75 -	2	2	5	1		3		13
10.75 -								
11.75 -			2	2	1			5
12.75 -								
13.75 -								
14.75 -			1					1
CALM							17	17
TOTAL	5371	3481	2151	529	300	128	63	12023
MAX	10.00	10.00	15.00	12.00	12.50	10.00	.00	15.00

AREA E02S		DATA NUMBER 29110						
(35N-40N, 120E-140F)		MEAN OF DATA 1.49 M						
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	5497	233	93	49	16	15	359	6262
0.75 -	9860	1979	464	84	63	92		12542
1.75 -	2492	2368	709	108	74	67		5818
2.75 -	460	1100	718	138	65	35		2516
3.75 -	72	248	355	76	43	31		825
4.75 -	4	36	51	21	20	9		141
5.75 -	3	9	28	8	14	2		64
6.75 -		17	10	3	7	6		43
7.75 -		1	4	6	4	3		18
8.75 -		1			1			2
9.75 -			1					1
10.75 -		1						1
11.75 -				1				1
12.75 -								
13.75 -								
14.75 -			1					1
CALM							875	875
TOTAL	18388	5993	2434	494	307	260	1234	29110
MAX	6.00	11.50	20.00	12.00	9.00	8.00	.00	20.00

WAVE HEIGHT - PERIOD

ALL SEASONS

AREA E05S		(35N-37.5N, 140E-145E)		DATA NUMBER		24791		1.81 M	
		PERIOD (SEC)		MEAN OF DATA					
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -		2875	107	51	50	14	7	154	3258
0.75 -		7072	1992	802	145	119	78		10208
1.75 -		2541	2103	1173	256	125	90		6288
2.75 -		626	988	828	198	116	43		2799
3.75 -		124	306	408	111	72	38		1059
4.75 -		19	60	127	49	38	13		306
5.75 -		9	27	40	20	19	5		120
6.75 -		4	50	44	12	17	7		134
7.75 -		4	4	6	4	14	5		37
8.75 -		3		3	4	3	3		16
9.75 -		1	2			2	1		6
10.75 -						1			1
11.75 -				1	2		1		4
12.75 -									
13.75 -							1		1
14.75 -									
CALM								554	554
TOTAL		13278	5639	3483	851	540	292	708	24791
MAX		10.00	10.00	12.00	12.00	11.00	14.00	.00	14.00

AREA E08		(30N-35N, 130E-135E)		DATA NUMBER		28961		1.53 M	
		PERIOD (SEC)		MEAN OF DATA					
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -		5103	183	142	20	13	12	342	5815
0.75 -		9845	2389	809	125	114	96		13378
1.75 -		2743	1971	1000	169	111	62		6056
2.75 -		675	763	628	152	92	37		2347
3.75 -		148	205	228	67	47	20		715
4.75 -		17	47	66	18	20	2		170
5.75 -		6	18	25	11	2	5		67
6.75 -		3	28	21	5	8	1		66
7.75 -		3	1	3	6	4			22
8.75 -				8	1	4			13
9.75 -			2	3	1	3			9
10.75 -				2			1		3
11.75 -					5	1			6
12.75 -			2	1					3
13.75 -			2						2
14.75 -									
CALM								289	289
TOTAL		18543	5611	2941	580	419	236	631	28961
MAX		8.00	14.50	13.00	12.00	12.00	11.00	.00	14.50

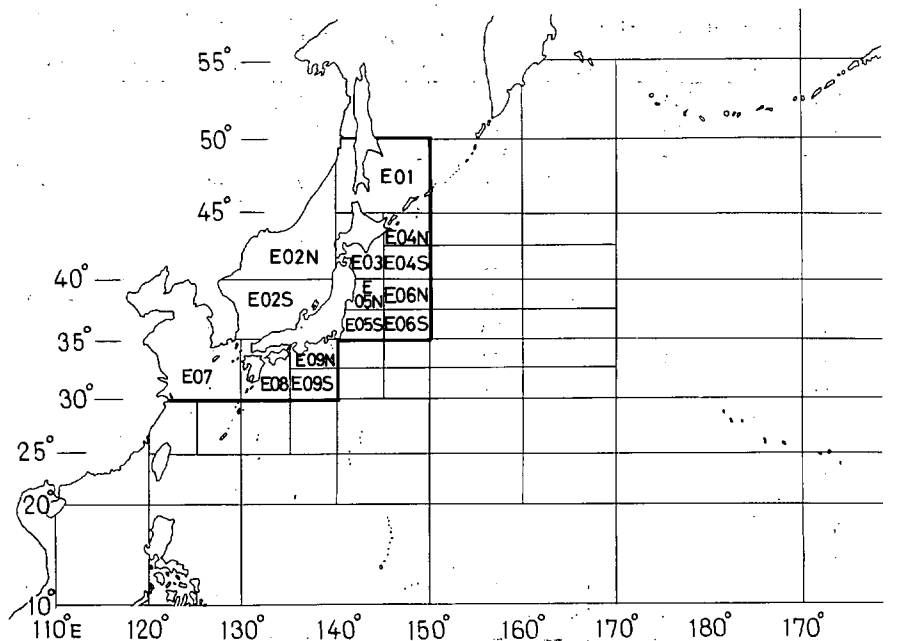
AREA E06N		(37.5N-40N, 145E-150E)		DATA NUMBER		27498		2.12 M	
		PERIOD (SEC)		MEAN OF DATA					
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -		1961	96	53	19	4	9	92	2234
0.75 -		6764	2508	1032	168	93	39		10604
1.75 -		2838	2547	1846	419	158	75		7884
2.75 -		928	1393	1121	374	164	61		4041
3.75 -		209	428	629	163	130	52		1611
4.75 -		17	98	183	54	52	13		417
5.75 -		11	50	59	43	36	23		222
6.75 -		3	117	53	28	36	12		249
7.75 -		8	24	18	8	13	10		81
8.75 -		10	9	19	14	11	6		69
9.75 -		1	1	15	12	4	3		36
10.75 -			1		2		1		4
11.75 -				1	6				7
12.75 -				2	1				3
13.75 -			1	1					2
14.75 -		1		2	1	2			6
CALM								28	28
TOTAL		12751	7273	5034	1312	703	305	120	27498
MAX		16.00	14.50	15.00	17.50	15.00	11.50	.00	17.50

AREA E09N		(32.5N-35N, 135E-140E)		DATA NUMBER		17031		1.60 M	
		PERIOD (SEC)		MEAN OF DATA					
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -		2920	100	53	18	4	5	205	3305
0.75 -		5460	1362	537	78	51	41		7529
1.75 -		1884	1057	529	124	54	36		3684
2.75 -		553	521	357	77	43	22		1573
3.75 -		110	157	188	43	26	21		545
4.75 -		5	25	50	19	15	6		120
5.75 -		2	15	8	10	5	2		42
6.75 -		3	30	10	7	7	4		61
7.75 -		1	4	9	2	1	3		20
8.75 -		1	3	3	1				8
9.75 -			1	2					3
10.75 -									
11.75 -			1	2	3				6
12.75 -							1		1
13.75 -									
14.75 -			1						1
CALM								133	133
TOTAL		10939	3277	1748	382	206	141	338	17031
MAX		9.00	15.00	12.00	12.00	8.00	13.50	.00	15.00

AREA E06S		(35N-37.5N, 145E-150E)		DATA NUMBER		23961		2.22 M	
		PERIOD (SEC)		MEAN OF DATA					
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -		1321	71	24	20	3	5	75	1519
0.75 -		5540	1912	829	107	115	40		8543
1.75 -		2595	2538	1686	317	140	61		7337
2.75 -		839	1378	1184	325	180	40		3946
3.75 -		213	408	588	180	126	35		1550
4.75 -		30	104	206	54	76	11		481
5.75 -		11	38	62	31	37	15		194
6.75 -		14	86	51	26	26	14		217
7.75 -		7	10	17	12	22	7		75
8.75 -		2	4	11	7	13	7		44
9.75 -			1	2	1	7	1		12
10.75 -			1	1	2				4
11.75 -					3	2	2		7
12.75 -							1		1
13.75 -					1				1
14.75 -				2	1	3	1		7
CALM								23	23
TOTAL		10572	6551	4663	1087	750	240	98	23961
MAX		9.00	11.00	15.00	15.00	17.50	15.00	.00	17.50

AREA E09S		(30N-32.5N, 135E-140E)		DATA NUMBER		19523		1.84 M	
		PERIOD (SEC)		MEAN OF DATA					
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -		1918	92	44	5	7		81	2147
0.75 -		5666	1955	862	106	71	67		8727
1.75 -		2015	1615	1173	237	106	51		5197
2.75 -		510	754	636	178	95	39		2212
3.75 -		100	235	291	102	47	29		804
4.75 -		14	43	83	24	31	6		201
5.75 -		11	18	24	15	26	14		108
6.75 -		2	19	13	7	10	8		59
7.75 -		1	2	5	1	13	3		25
8.75 -		2	2	1	2		3		10
9.75 -				1					1
10.75 -									
11.75 -				1	1				2
12.75 -									
13.75 -									
14.75 -									
CALM								30	30
TOTAL		10239	4735	3134	678	406	220	111	19523
MAX		9.00	9.00	12.00	12.00	8.50	9.50	.00	12.00

AREA E07		(30N-40N, 120E-130E)		DATA NUMBER		25370		1.41 M	
		PERIOD (SEC)		MEAN OF DATA					
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -		5116	219	81	21	12	13	759	6221
0.75 -		8658	2226	591	81	104	92		11752
1.75 -		2045	1630	701	120	66	56		4618
2.75 -		490	598	425	89	54	33		1689
3.75 -		98	155	187	53	53	16		562
4.75 -		12	27	53	14	7	6		119
5.75 -		8	15	29	6	4	3		65
6.75 -		4	26	17	8	2	4		61
7.75 -			3	3		2	5		13
8.75 -				1	1	3			5
9.75 -		1	3	1	1				6
10.75 -									
11.75 -					2				2
12.75 -									
13.75 -									
14.75 -									
CALM								257	257
TOTAL		16432	4902	2089	396	307	228	1016	25370
MAX		10.00	10.00	10.00	12.00	9.50	8.50	.00	12.00



WAVE HEIGHT - PERIOD

ALL SEASONS

AREA E10N								
(32.5N-35N, 140E-145E)								
DATA NUMBER 22936 MEAN OF DATA 2.22 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1392	64	35	20	6	4	87	1608
0.75 -	5664	1555	680	111	75	55		8140
1.75 -	2900	1969	1340	278	90	94		6671
2.75 -	1114	1243	1037	294	172	67		3927
3.75 -	286	456	572	157	84	43		1598
4.75 -	38	102	163	39	46	9		403
5.75 -	25	33	68	39	32	13		210
6.75 -	9	108	44	19	26	17		223
7.75 -	2	13	15	8	10	7		55
8.75 -	2	8	8	5	10	6		39
9.75 -		8	12	2	2	1		25
10.75 -		1	3	1	1	1		7
11.75 -		2	2	6	1	2		13
12.75 -				1	1			2
13.75 -			1					1
14.75 -								
CALM							14	14
TOTAL	11432	5562	3986	980	556	319	101	22936
MAX	9.00	12.50	14.00	13.00	13.00	12.50	.00	14.00

AREA E12W								
(25N-30N, 120E-125E)								
DATA NUMBER 31815 MEAN OF DATA 1.74 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	4566	137	71	21	12	13	331	5151
0.75 -	10366	2716	670	120	87	90		14049
1.75 -	3237	2448	1193	226	94	64		7262
2.75 -	1029	1087	771	178	128	33		3226
3.75 -	283	391	380	135	55	37		1281
4.75 -	53	89	119	42	29	17		349
5.75 -	18	46	66	33	19	9		191
6.75 -	14	40	33	16	13	6		122
7.75 -	3	15	5	5	5	2		36
8.75 -	1	2	13		3	2		21
9.75 -		1			2	5		8
10.75 -						1		1
11.75 -				3	1	1		5
12.75 -								
13.75 -					1			1
14.75 -								
CALM							112	112
TOTAL	19570	6972	3322	779	449	280	443	31815
MAX	9.00	10.00	9.50	12.00	15.00	12.00	.00	15.00

AREA E10S								
(30N-32.5N, 140E-145E)								
DATA NUMBER 10870 MEAN OF DATA 2.09 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	658	71	58	10	9	1	37	944
0.75 -	2427	1109	574	65	36	22		4233
1.75 -	1024	1004	376	162	59	39		3164
2.75 -	275	565	532	142	55	34		1603
3.75 -	68	139	281	81	54	19		642
4.75 -	8	39	84	15	18	11		175
5.75 -	7	13	34	14	13	6		87
6.75 -	4	25	17	4	9	4		64
7.75 -	5	7	4	4	2			22
8.75 -	1	2	2	4	1			10
9.75 -			3	1	1			5
10.75 -								
11.75 -			2		1			3
12.75 -								
13.75 -								
14.75 -		1				1		2
CALM							16	16
TOTAL	4477	2976	2467	502	258	137	53	10870
MAX	9.00	15.00	12.00	10.00	12.00	15.00	.00	15.00

AREA E12E								
(25N-30N, 125E-130E)								
DATA NUMBER 52184 MEAN OF DATA 1.63 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	7567	278	114	38	27	17	341	8382
0.75 -	18398	4726	1409	217	190	132		25072
1.75 -	5174	3865	2201	457	200	33		11980
2.75 -	1188	1450	1164	286	168	58		4314
3.75 -	227	394	583	164	86	38		1492
4.75 -	22	53	159	50	47	20		351
5.75 -	6	27	84	23	35	7		182
6.75 -	7	49	34	24	21	2		137
7.75 -	2	5	13	7	7	4		38
8.75 -	1	3	5	6	6	5		26
9.75 -		2	2		8	7		19
10.75 -			1					1
11.75 -				8	1			9
12.75 -					3			3
13.75 -								
14.75 -		1	1					2
CALM							176	176
TOTAL	32592	10853	5770	1280	799	373	517	52184
MAX	9.00	17.50	15.00	12.50	13.00	10.00	.00	17.50

AREA E11N								
(32.5N-35N, 145E-150E)								
DATA NUMBER 25709 MEAN OF DATA 2.38 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1181	43	24	31	2	2	68	1351
0.75 -	5616	1566	727	115	82	47		8173
1.75 -	3090	2169	1910	415	152	106		7842
2.75 -	1223	1430	1443	395	229	83		4853
3.75 -	301	504	813	197	131	58		2004
4.75 -	40	165	243	86	66	24		624
5.75 -	27	47	115	48	62	28		327
6.75 -	18	118	77	30	36	17		296
7.75 -	14	15	31	25	23	11		119
8.75 -	4	8	10	8	18	7		55
9.75 -	2	5	11	2	12	4		36
10.75 -			1		2			3
11.75 -		2		5				7
12.75 -		1		1				2
13.75 -								
14.75 -								
CALM							17	17
TOTAL	11516	6143	5405	1358	815	387	85	25709
MAX	10.00	13.50	11.00	13.00	11.00	10.00	.00	13.50

AREA E13W								
(25N-30N, 130E-135E)								
DATA NUMBER 58444 MEAN OF DATA 1.70 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	6310	345	125	41	12	13	246	7092
0.75 -	18809	6535	3147	383	219	125		29218
1.75 -	4880	4551	3688	801	329	129		14378
2.75 -	1026	1610	1601	487	331	53		5108
3.75 -	186	416	533	226	195	61		1617
4.75 -	21	103	192	85	83	34		518
5.75 -	20	39	44	38	39	19		199
6.75 -	11	47	30	15	16	11		130
7.75 -	2	5	8	11	11	3		40
8.75 -		3	16	5	1	1		26
9.75 -			3		4			7
10.75 -	1		1	2				4
11.75 -	3			7				10
12.75 -								
13.75 -								
14.75 -	1	1						2
CALM							95	95
TOTAL	31270	13655	9388	2101	1240	449	341	58444
MAX	16.50	17.00	11.50	12.00	10.00	9.00	.00	17.00

AREA E11S								
(30N-32.5N, 145E-150E)								
DATA NUMBER 12818 MEAN OF DATA 2.33 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	653	23	19	13	6	2	43	759
0.75 -	2769	828	474	59	63	33		4226
1.75 -	1414	1213	973	215	89	47		3951
2.75 -	449	740	715	167	89	40		2200
3.75 -	106	243	404	124	64	34		975
4.75 -	10	67	126	35	48	16		302
5.75 -	8	23	56	25	29	10		151
6.75 -	4	43	33	11	13	10		114
7.75 -	1	11	23	3	9	5		52
8.75 -	1	6	17	3	3	2		32
9.75 -		2	13	1	5	3		24
10.75 -		1	3		1			5
11.75 -		2	3	3				8
12.75 -						3		3
13.75 -		1						1
14.75 -								
CALM							15	15
TOTAL	5415	3203	2859	659	419	205	58	12818
MAX	9.00	14.50	12.50	12.00	11.50	13.50	.00	14.50

AREA E13E								
(25N-30N, 135E-140E)								
		PERIOD (SEC)						DATA NUMBER 39006 MEAN OF DATA 1.92 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3452	283	167	31	13	14	214	4174
0.75 -	9932	4400	2860	382	190	122		17886
1.75 -	3007	3430	3110	776	283	91		10697
2.75 -	625	1348	1411	381	193	54		4012
3.75 -	124	380	530	181	132	62		1409
4.75 -	6	59	106	47	79	22		319
5.75 -	8	27	39	63	54	11		202
6.75 -	3	24	35	17	27	15		121
7.75 -	1	4	15	17	22	4		63
8.75 -	1	2	4	5	6	4		22
9.75 -			1	3	5	3		12
10.75 -				1		1		2
11.75 -				3				3
12.75 -			1					1
13.75 -								
14.75 -		1						1
CALM							82	82
TOTAL	17159	9958	8279	1907	1004	493	296	39006
MAX	9.00	16.50	13.50	12.00	10.00	11.50	.00	16.50

WAVE HEIGHT - PERIOD

ALL SEASONS

AREA E14								31885
(25N-30N, 140E-150E)								1.81 M
		PERIOD (SEC)						DATA NUMBER
								MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2946	152	111	51	16	12	229	3517
0.75 -	8759	3567	1882	237	209	122		14776
1.75 -	2536	2918	2081	445	224	127		8331
2.75 -	586	1114	1127	288	211	85		3411
3.75 -	119	288	491	126	102	50		1176
4.75 -	15	67	137	47	35	19		320
5.75 -	4	19	52	16	21	13		125
6.75 -	6	19	22	7	14	15		83
7.75 -	2	3	4	8	10	1		28
8.75 -		3	6	3	3	2		17
9.75 -			14		1	2		17
10.75 -								
11.75 -			1	4				5
12.75 -								
13.75 -								
14.75 -			2					2
CALM							77	77
TOTAL	14973	8150	5930	1232	846	448	306	31885
MAX	8.50	9.00	15.00	12.00	10.00	10.00	.00	15.00

AREA E18								37479
(20N-25N, 140E-150E)								1.74 M
		PERIOD (SEC)						DATA NUMBER
								MEAN OF DATA
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3404	189	111	49	8	22	259	4042
0.75 -	10719	4719	2270	293	249	151		18401
1.75 -	2644	3582	2683	592	281	149		9936
2.75 -	540	1201	1173	296	218	67		3495
3.75 -	101	269	418	102	111	45		1046
4.75 -	7	70	90	22	31	15		235
5.75 -	4	27	28	8	26	15		108
6.75 -	3	15	12	5	14	10		59
7.75 -	1	5	3	18	11	5		43
8.75 -		1	1	3	4			9
9.75 -	1	1	11		3	1		17
10.75 -		1						1
11.75 -				3	1	2		6
12.75 -				1				1
13.75 -					2	1		3
14.75 -						2		2
CALM							75	75
TOTAL	17424	10080	6805	1392	959	485	334	37479
MAX	10.50	11.00	10.00	13.00	14.50	15.00	.00	15.00

AREA E15							DATA NUMBER		5647
(20N-30N, 110E-120E)		PERIOD (SEC)					MEAN OF DATA		2.07 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	602	49	6	4	4	1	12	678	
0.75 -	1430	467	133	18	23	5		2076	
1.75 -	616	447	302	67	17	4		1453	
2.75 -	207	278	230	84	30	19		848	
3.75 -	53	79	120	36	29	11		328	
4.75 -	4	19	51	21	14	6		115	
5.75 -		9	33	9	5			56	
6.75 -	1	11	18	7	12	2		51	
7.75 -		3	9	4	2			18	
8.75 -		1	2		2			5	
9.75 -			2		1			3	
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM							16	16	
TOTAL	2913	1363	906	250	139	48	28	5647	
MAX	7.50	9.00	10.00	8.50	10.00	7.50	.00	10.00	

AREA E19					DATA NUMBER		132919	
(10N-20N, 110E-120E)			PERIOD (SEC)		MEAN OF DATA		1.71 M	
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	23481	821	237	60	59	37	522	25217
0.75 -	39708	11199	3126	350	260	167		54810
1.75 -	12690	9504	6173	1389	383	142		30281
2.75 -	3598	4976	3863	1115	568	99		14219
3.75 -	650	1500	2082	566	401	133		5332
4.75 -	48	264	640	233	144	41		1370
5.75 -	29	75	192	146	138	42		622
6.75 -	14	73	105	93	78	16		379
7.75 -	7	18	49	16	50	16		156
8.75 -	4	10	14	9	28	17		82
9.75 -	1	8	24	3	9	6		51
10.75 -	1	2	7	3	4			17
11.75 -				8	1	1		10
12.75 -					3			3
13.75 -					1			1
14.75 -					5	2		7
CALM							362	362
TOTAL	80231	28450	16512	3991	2132	719	884	132919
MAX	11.00	11.00	11.50	12.00	15.00	15.00	.00	15.00

AREA E16								127363
(20N-25N, 120E-130E)								1.78 M
		PERIOD (SEC)						DATA NUMBER
		MEAN OF DATA						
HEIGHT (M.)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	14763	568	259	108	47	34	726	16505
0.75 -	40784	11735	3968	589	439	321		57836
1.75 -	12659	9765	6870	1453	561	218		31526
2.75 -	3688	4456	3725	1117	665	166		13817
3.75 -	752	1321	1723	495	378	117		4786
4.75 -	80	247	514	180	152	56		1229
5.75 -	39	114	210	106	92	45		606
6.75 -	23	188	79	72	72	21		455
7.75 -	13	21	40	25	26	21		146
8.75 -	2	3	20	5	7	18		55
9.75 -	10	1	27	5	9	4		56
10.75 -	2		1		1			4
11.75 -		1	3	19	1	1		25
12.75 -			1		2	1		4
13.75 -					1			1
14.75 -		1	1			4		6
CALM							306	306
TOTAL	72815	28421	17441	4174	2453	1027	1032	127363
MAX	11.00	15.00	16.50	12.50	14.00	15.00	.00	16.50

AREA E20				DATA NUMBER				109387
(10N-20N, 120E-130E)				MEAN OF DATA				1.67 M
		PERIOD (SEC)						
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	15545	743	229	130	50	64	1094	17855
0.75 -	34017	10736	3806	519	427	282		49787
1.75 -	8931	8440	6297	1261	483	237		25649
2.75 -	2126	3447	3009	952	618	151		10303
3.75 -	475	910	1353	361	344	127		3570
4.75 -	52	208	406	110	131	41		948
5.75 -	22	60	144	71	62	36		395
6.75 -	8	67	88	50	52	34		299
7.75 -	4	15	17	14	23	8		81
8.75 -	1	8	9	7	22	7		54
9.75 -	1		4	2	9			16
10.75 -					1	1		2
11.75 -			1	7				8
12.75 -		1						1
13.75 -				1				1
14.75 -					1	1		2
CALM							416	416
TOTAL	61182	24635	15363	3485	2223	989	1510	109387
MAX	10.00	13.00	12.50	14.00	15.00	15.00	.00	15.00

AREA E17								DATA NUMBER	54681
(20N-25N, 130E-140E)								MEAN OF DATA	1.74 M
		PERIOD (SEC)							
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -	5448	365	114	66	24	29	273	6319	
0.75 -	16454	6326	2633	267	263	135		26078	
1.75 -	4247	5021	4007	688	280	136		14379	
2.75 -	804	1913	1830	472	316	67		5402	
3.75 -	124	461	656	187	168	43		1639	
4.75 -	18	99	177	62	58	22		436	
5.75 -	5	33	61	29	20	18		166	
6.75 -	3	22	33	20	13	13		104	
7.75 -	1	3	12	15	15	6		52	
8.75 -		2	1	6	3	3		15	
9.75 -			8		3	4		15	
10.75 -		1						1	
11.75 -				4				4	
12.75 -									
13.75 -									
14.75 -									
CALM							71	71	
TOTAL	27104	14246	9532	1816	1163	476	344	54681	
MAX	8.00	11.00	10.00	12.00	10.00	10.00	.00	12.00	

WAVE HEIGHT - PERIOD

ALL SEASONS

AREA E21		(10N-20N, 130E-150E)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		151413
										1.75 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	13893	793	404	176	76	67	904	16313		
0.75 -	43931	17559	7359	1003	814	467		71633		
1.75 -	12199	15487	10986	1911	1012	410		42005		
2.75 -	2236	5621	5373	1059	693	216		15198		
3.75 -	364	1256	1818	359	376	130		4303		
4.75 -	41	220	465	79	128	51		984		
5.75 -	19	82	104	64	60	71		400		
6.75 -	8	76	50	30	30	16		210		
7.75 -	1	11	13	19	12	13		69		
8.75 -	2		9	3		2		16		
9.75 -	1	1	9			1		14		
10.75 -	1				1	8		10		
11.75 -		2	1	7	1			11		
12.75 -			1					1		
13.75 -										
14.75 -		2	1	1				4		
CALM							242	242		
TOTAL	72696	41110	27093	4711	3205	1452	1146	151413		
MAX	11.00	20.00	20.00	15.00	12.00	11.50	.00	20.00		

AREA M04		(45N-50N, 160E-170E)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		56403
										2.41 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	2589	181	106	44	14	9	63	3006		
0.75 -	11491	4434	2039	254	158	60		14436		
1.75 -	5490	5318	4403	1019	305	100		15635		
2.75 -	1954	3363	2988	896	606	200		10007		
3.75 -	547	1254	1819	544	415	158		4737		
4.75 -	53	277	645	192	167	55		1389		
5.75 -	36	102	217	129	161	69		714		
6.75 -	13	318	226	94	99	51		801		
7.75 -	19	45	87	56	71	28		306		
8.75 -	7	25	34	29	41	19		155		
9.75 -	1	18	42	15	22	11		109		
10.75 -		1	1		2	4		8		
11.75 -	1	3	1	30	4	5		44		
12.75 -	1			1		2		4		
13.75 -		1				1		2		
14.75 -		1	1	1	2	2		7		
CALM							43	43		
TOTAL	22202	15341	12609	3304	2067	774	106	56403		
MAX	13.00	15.00	15.00	16.00	15.00	15.00	.00	16.00		

AREA E22		(00N-10N, 110E-130E)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		30018
										1.28 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	7663	279	111	27	48	24	471	8623		
0.75 -	9166	2720	1103	128	168	110		13395		
1.75 -	1774	1792	1125	205	67	36		4999		
2.75 -	374	616	521	123	54	21		1709		
3.75 -	38	141	172	42	16	10		419		
4.75 -	5	34	32	10	8	3		92		
5.75 -		8	17	4	12	1		2		
6.75 -	1	4	5	1	2	1		14		
7.75 -		2	1		1			4		
8.75 -										
9.75 -		3	1		2			6		
10.75 -			6					6		
11.75 -				2				2		
12.75 -										
13.75 -										
14.75 -					1	1		2		
CALM							705	705		
TOTAL	19021	5599	3094	542	379	207	1175	30018		
MAX	7.00	10.00	11.00	12.00	15.00	15.00	.00	15.00		

AREA M05W		(45N-50N, 170E-170W)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		73387
										2.50 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	2814	143	74	57	10	6	76	3180		
0.75 -	14313	5141	2373	279	166	105		22377		
1.75 -	7504	6733	5677	1404	524	194		22036		
2.75 -	2785	4832	4342	1193	833	280		14265		
3.75 -	655	1621	2674	688	522	301		6461		
4.75 -	95	396	992	239	267	74		2063		
5.75 -	33	162	411	175	185	76		1043		
6.75 -	35	345	274	119	145	75		993		
7.75 -	25	50	101	47	110	50		383		
8.75 -	9	45	52	39	97	39		281		
9.75 -	1	14	53	11	41	22		142		
10.75 -		5	2		7	2		16		
11.75 -		8	9	19	3	5		44		
12.75 -		2	3	1	1	1		8		
13.75 -		3		4	6	1		14		
14.75 -	1	9	6	3	17	7		43		
CALM							38	38		
TOTAL	28270	19509	17043	4279	2934	1238	114	73387		
MAX	15.00	20.00	20.00	15.00	17.50	16.50	.00	20.00		

AREA E23		(00N-10N, 130E-150E)		PERIOD (SEC)		DATA NUMBER		MEAN OF DATA		35781
										1.39 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL		
0.00 -	5478	415	276	62	34	27	359	6651		
0.75 -	9819	5906	2850	291	262	215		19343		
1.75 -	1897	2987	2067	335	161	70		7517		
2.75 -	244	608	691	90	63	11		1707		
3.75 -	13	108	128	19	13	8		289		
4.75 -	2	8	13	1	3			27		
5.75 -			2	1		1		4		
6.75 -		3	2	1				6		
7.75 -										
8.75 -										
9.75 -					1			1		
10.75 -	1							1		
11.75 -										
12.75 -										
13.75 -										
14.75 -										
CALM							235	235		
TOTAL	17454	10035	6029	800	537	332	594	35781		
MAX	11.50	7.00	7.00	7.50	10.00	6.00	.00	11.50		

AREA M06N		(42.5N-45N, 150E-160E)						DATA NUMBER		37090
		PERIOD (SEC)						MEAN OF DATA		2.26 M
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL	
0.00 -		2045	145	75	35	10	9	119	2438	
0.75 -		8610	3086	1361	186	140	60		13443	
1.75 -		3754	3382	2527	629	183	80		10555	
2.75 -		1292	2012	1755	576	279	99		6013	
3.75 -		342	723	1012	296	206	124		2703	
4.75 -		26	166	331	65	109	33		730	
5.75 -		27	48	134	78	64	39		390	
6.75 -		14	186	110	65	47	29		451	
7.75 -		5	28	36	24	19	19		131	
8.75 -		4	12	20	9	11	15		71	
9.75 -		2	8	23	10	13	5		66	
10.75 -			1			4	4		9	
11.75 -			1	1	7	2	1		12	
12.75 -				2					2	
13.75 -				1		1			2	
14.75 -						6			6	
CALM								68	68	
TOTAL		16121	9798	7388	1980	1099	517	187	37090	
MAX		10.50	12.00	14.00	12.00	15.00	12.00	.00	15.00	

WAVE HEIGHT - PERIOD

ALL SEASONS

AREA M07N (42.5N-45N, 160E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	30805 2.40 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1372	90	32	17	2	4	57	1574
0.75 -	6592	2283	962	144	78	50		10109
1.75 -	3359	2695	2339	552	199	74		9218
2.75 -	1333	1669	1674	557	337	107		5677
3.75 -	283	509	903	261	224	129		2309
4.75 -	29	161	298	80	100	20		688
5.75 -	19	48	169	85	86	33		440
6.75 -	29	198	87	53	52	26		445
7.75 -	8	19	27	19	22	29		124
8.75 -	3	18	21	21	31	16		110
9.75 -	1	5	25	5	14	4		54
10.75 -				1	1			2
11.75 -		1	2	14	3	2		22
12.75 -			1	1	1			3
13.75 -								
14.75 -			1	2	4	1		8
CALM							22	22
TOTAL	13028	7696	6541	1812	1154	495	79	30805
MAX	10.00	12.00	15.00	15.00	15.00	15.00	.00	15.00

AREA M09S (35N-37.5N, 150E-160E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	32952 2.37 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1533	77	43	36	9	4	117	1819
0.75 -	6929	2201	1042	168	111	48		10499
1.75 -	3743	3167	2375	561	274	98		10218
2.75 -	1263	1976	1799	540	318	104		6000
3.75 -	364	672	977	270	184	115		2582
4.75 -	31	151	319	122	100	24		747
5.75 -	32	73	156	63	79	23		426
6.75 -	17	129	95	42	56	30		369
7.75 -	15	10	28	12	35	16		116
8.75 -	14	13	18	20	12	16		93
9.75 -	1	9	20	3	4	3		40
10.75 -			1	1				2
11.75 -		1	2	2		4		9
12.75 -					1			1
13.75 -			2			1		3
14.75 -				2	2	2		6
CALM							22	22
TOTAL	13942	8479	6877	1842	1185	488	139	32952
MAX	10.00	12.00	14.00	15.00	16.50	15.00	.00	16.50

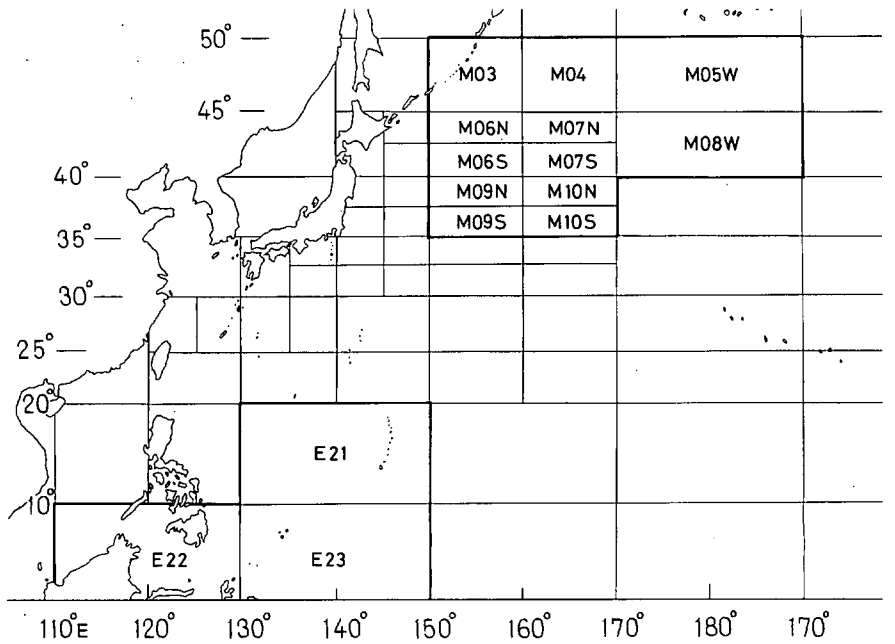
AREA M07S (40N-42.5N, 160E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	25664 2.38 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1061	59	30	21	5	2	68	1246
0.75 -	5165	1959	818	111	96	73		8222
1.75 -	2684	2641	2037	519	189	74		8144
2.75 -	847	1552	1382	402	312	86		4581
3.75 -	201	514	780	212	213	93		2013
4.75 -	21	114	278	88	70	5		576
5.75 -	11	44	119	70	57	25		326
6.75 -	8	89	91	33	47	25		293
7.75 -	8	28	25	15	24	6		106
8.75 -	6	7	17	10	10	18		68
9.75 -		6	21	1	9	4		41
10.75 -		1	1		1			3
11.75 -				3	1	4		8
12.75 -								
13.75 -								
14.75 -		1			1	5		7
CALM							30	30
TOTAL	10012	7015	5599	1485	1035	420	98	25664
MAX	9.00	15.00	11.00	12.50	15.00	20.00	.00	20.00

AREA M10N (37.5N-40N, 160E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	23341 2.40 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	994	47	13	28	7	5	70	1164
0.75 -	4628	1795	743	90	61	44		7361
1.75 -	2511	2393	1653	414	171	84		7226
2.75 -	858	1368	1325	427	303	67		4348
3.75 -	238	445	755	229	182	80		1929
4.75 -	20	102	233	82	72	18		527
5.75 -	9	24	92	63	62	19		269
6.75 -	23	89	66	42	47	24		291
7.75 -	11	22	11	24	26	8		102
8.75 -	3	9	2	6	14	13		47
9.75 -		2	6	4	23	1		36
10.75 -		1			3			4
11.75 -				7	1	1		9
12.75 -			2	1				3
13.75 -								
14.75 -					1			1
CALM							24	24
TOTAL	9295	6297	4901	1417	973	364	94	23341
MAX	9.00	11.50	13.50	13.00	17.00	12.00	.00	17.00

AREA M08W (40N-45N, 170E-170W)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	57240 2.40 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2437	107	61	77	12	9	146	2849
0.75 -	12060	4162	1764	268	179	121		18554
1.75 -	6083	5526	4068	1012	370	182		17241
2.75 -	2201	3407	3079	1010	652	208		10557
3.75 -	536	1126	1787	450	432	216		4547
4.75 -	62	275	620	214	237	44		1452
5.75 -	48	95	247	133	170	64		757
6.75 -	33	228	179	78	95	50		663
7.75 -	6	30	57	32	68	35		228
8.75 -	8	18	27	22	44	30		149
9.75 -		10	42	11	37	18		118
10.75 -		2	2		4	6		14
11.75 -		2		9	8	9		28
12.75 -			1	1				2
13.75 -				5	2			7
14.75 -				3	2	14		19
CALM							55	55
TOTAL	23474	14938	11934	3325	2312	1006	201	57240
MAX	9.50	12.50	13.00	16.00	15.00	20.00	.00	20.00

AREA M10S (35N-37.5N, 160E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	23893 2.43 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1119	48	24	26	3	4	85	1309
0.75 -	4935	1503	654	102	101	41		7336
1.75 -	2560	2335	1641	385	165	96		7182
2.75 -	990	1401	1348	420	240	95		4494
3.75 -	286	474	874	227	206	89		2156
4.75 -	33	105	258	70	92	25		583
5.75 -	12	44	101	62	80	29		328
6.75 -	17	81	65	61	31	9		264
7.75 -	8	17	22	12	24	8		91
8.75 -	7	10	19	11	19	10		76
9.75 -		2	14	3	11	5		35
10.75 -			2		1			3
11.75 -			2	4	1	1		8
12.75 -			1					1
13.75 -								
14.75 -			2	2	1			5
CALM							22	22
TOTAL	9967	6020	5027	1385	975	412	107	23893
MAX	9.00	10.00	17.50	15.00	15.00	12.00	.00	17.50

AREA M09N (37.5N-40N, 150E-160E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	35596 2.30 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1700	94	58	24	6	2	98	1982
0.75 -	7742	2994	1206	190	132	71		12335
1.75 -	3674	3599	2590	574	254	90		10781
2.75 -	1295	2015	1781	585	285	80		6041
3.75 -	312	696	1050	288	226	88		2660
4.75 -	36	171	327	101	94	33		762
5.75 -	15	58	132	59	77	14		355
6.75 -	14	123	98	37	46	22		340
7.75 -	4	18	39	25	37	17		140
8.75 -	6	8	19	17	18	15		83
9.75 -		4	15	8	20	7		54
10.75 -			1		1			2
11.75 -			2	12	3	8		25
12.75 -			1	1	1			3
13.75 -								
14.75 -		1			1	1		3
CALM							30	30
TOTAL	14798	9781	7319	1921	1201	448	128	35596
MAX	9.00	15.00	13.50	13.00	15.00	15.00	.00	15.00



WAVE HEIGHT - PERIOD

ALL SEASONS

AREA M11W (35N-40N, 170E-170W)								
DATA NUMBER MEAN OF DATA 64133 2.26 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3565	170	80	98	18	11	321	4263
0.75 -	14568	4352	2006	426	337	172		21861
1.75 -	6831	6016	4111	1043	534	277		18812
2.75 -	2257	3355	3332	973	648	266		10831
3.75 -	602	1133	1905	545	508	211		4904
4.75 -	63	228	609	173	221	60		1354
5.75 -	36	62	257	115	143	75		688
6.75 -	36	208	137	107	80	65		633
7.75 -	9	23	35	36	46	21		170
8.75 -	8	39	19	18	26	14		124
9.75 -		8	15	6	22	9		60
10.75 -		1	2	4	4			11
11.75 -		1	3	15	3			22
12.75 -		1	1	3	1			6
13.75 -		1	1					2
14.75 -		1	2	1	8	1		13
CALM							379	379
TOTAL	27975	19599	12515	3563	2599	1182	700	64133
MAX	9.50	15.00	15.00	17.50	15.00	16.00	.00	17.50

AREA M13S (30N-32.5N, 160E-170E)								
DATA NUMBER MEAN OF DATA 25761 2.19 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1505	51	33	28	1	5	133	1756
0.75 -	6181	1790	941	157	122	48		9239
1.75 -	2689	2297	1915	531	287	118		7837
2.75 -	864	1194	1322	404	270	99		4153
3.75 -	251	376	642	183	179	64		1635
4.75 -	27	91	219	74	80	19		510
5.75 -	8	26	93	39	40	23		229
6.75 -	7	40	41	24	36	23		171
7.75 -	3	1	29	10	19	12		74
8.75 -	1	5	10	5	12	2		35
9.75 -		4	5	6	3	2		20
10.75 -			2					2
11.75 -		2	1	3	1			7
12.75 -		1						1
13.75 -								
14.75 -								
CALM							32	32
TOTAL	11536	5878	5253	1464	1050	415	165	25761
MAX	9.00	13.00	12.50	12.00	12.00	10.00	.00	13.00

AREA M12N (32.5N-35N, 150E-160E)								
DATA NUMBER MEAN OF DATA 39416 2.32 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1947	71	41	63	6	11	118	2257
0.75 -	8918	2437	1197	171	146	94		12963
1.75 -	4412	3771	2925	698	284	137		12227
2.75 -	1586	2231	2167	672	333	118		7107
3.75 -	407	671	1090	313	230	121		2832
4.75 -	43	151	334	133	129	38		838
5.75 -	28	61	147	80	98	37		451
6.75 -	18	122	105	56	60	40		401
7.75 -	15	9	28	30	37	11		130
8.75 -	2	10	23	13	30	14		92
9.75 -	3	5	27	12	17	9		73
10.75 -			1	2	4	1		8
11.75 -			1	5	3			9
12.75 -								
13.75 -								
14.75 -		1						1
CALM							27	27
TOTAL	17379	9550	8086	2248	1377	631	145	39416
MAX	10.00	15.00	12.00	12.00	12.50	11.00	.00	15.00

AREA M14W (30N-35N, 170E-170W)								
DATA NUMBER MEAN OF DATA 106871 1.98 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	10105	567	163	148	44	42	611	11680
0.75 -	28138	8155	3793	641	571	352		41650
1.75 -	9492	8328	6335	1633	961	527		27276
2.75 -	2796	4261	4647	1388	1080	359		14531
3.75 -	640	1382	2313	731	538	320		6024
4.75 -	65	278	754	242	317	89		1745
5.75 -	34	92	264	128	137	84		789
6.75 -	16	155	167	71	121	45		575
7.75 -	8	23	49	35	62	34		211
8.75 -	5	25	30	17	25	29		131
9.75 -	6	18	25	7	26	19		101
10.75 -		3	2	5	6	2		18
11.75 -		7	6	10	6	2		31
12.75 -		1	6			1		8
13.75 -		1	1	1	1			4
14.75 -		2	11	2	2	2		19
CALM							2078	2078
TOTAL	51305	23298	18566	5059	4047	1307	2689	106871
MAX	10.00	17.50	18.00	15.00	15.00	18.00	.00	18.00

AREA M12S (30N-32.5N, 150E-160E)								
DATA NUMBER MEAN OF DATA 29167 2.33 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1495	52	26	38	1	6	122	1740
0.75 -	6490	1817	983	133	148	70		9641
1.75 -	3191	2492	2196	529	271	118		8797
2.75 -	1076	1539	1609	474	293	104		5095
3.75 -	322	603	904	238	226	82		2375
4.75 -	36	121	321	92	86	29		695
5.75 -	19	35	107	65	53	24		303
6.75 -	9	56	80	32	27	20		224
7.75 -	10	9	28	10	36	17		110
8.75 -	3	7	25	15	19	9		79
9.75 -	1	3	18	17	18	1		58
10.75 -			3	1	1			5
11.75 -		1	3	4				8
12.75 -				1	1	2		4
13.75 -				1				1
14.75 -	1	3						4
CALM							38	38
TOTAL	12653	6738	6304	1650	1180	482	160	29167
MAX	15.50	15.00	12.50	14.00	13.00	13.50	.00	15.50

AREA M15 (25N-30N, 150E-160E)								
DATA NUMBER MEAN OF DATA 29713 2.01 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2219	98	34	63	4	12	251	2681
0.75 -	7865	2332	1315	234	192	123		12061
1.75 -	2568	2547	2142	512	328	143		8240
2.75 -	725	1198	1416	366	284	113		4102
3.75 -	179	378	645	187	175	90		1654
4.75 -	22	99	223	63	74	36		517
5.75 -	12	27	56	18	37	19		169
6.75 -		19	41	29	23	8		120
7.75 -	9	1	8	11	8	3		40
8.75 -	4	3	3	5	3	3		21
9.75 -	4	1	1	1	8	4		19
10.75 -						3		3
11.75 -	1	1	1	5	5			13
12.75 -						3		3
13.75 -								
14.75 -					1	1		2
CALM							68	68
TOTAL	13608	6704	5885	1494	1142	561	319	29713
MAX	12.50	12.50	12.00	12.00	16.50	15.50	.00	15.50

AREA M13N (32.5N-35N, 160E-170E)								
DATA NUMBER MEAN OF DATA 51328 2.14 M								
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2675	180	63	50	4	8	265	3245
0.75 -	13620	4273	1835	270	169	166		20333
1.75 -	5336	4496	3412	815	336	151		14546
2.75 -	2438	2138	2277	663	506	144		8166
3.75 -	585	766	1046	309	239	82		3027
4.75 -	58	171	342	93	122	32		818
5.75 -	31	57	153	55	65	50		411
6.75 -	16	129	89	40	61	24		359
7.75 -	11	31	33	22	25	7		129
8.75 -	6	32	20	18	14	11		101
9.75 -	3	9	28	7	9	3		59
10.75 -		1	5	1	1			8
11.75 -		5	2	4	2	1		14
12.75 -		1						1
13.75 -			2			1		3
14.75 -			1			3		4
CALM							104	104
TOTAL	24779	12289	9308	2347	1553	683	369	51328
MAX	10.00	13.50	17.50	12.00	12.50	15.00	.00	17.50

AREA M16 (25N-30N, 160E-170E)				PERIOD (SEC)		DATA NUMBER MEAN OF DATA		39734 2.02 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2968	127	63	82	9	9	248	3506
0.75 -	10268	3132	1755	309	266	145		15875
1.75 -	3469	3296	2878	873	469	237		11222
2.75 -	1011	1618	1834	578	415	153		5609
3.75 -	211	473	855	300	251	113		2203
4.75 -	43	85	310	94	118	36		686
5.75 -	14	29	77	52	54	23		249
6.75 -	3	29	34	26	36	22		150
7.75 -		9	13	15	25	8		75
8.75 -	1	1	3	3	11	3		22
9.75 -		6	6		6	2		20
10.75 -		6			2			8
11.75 -	1		2		2	2		7
12.75 -								
13.75 -						2		2
14.75 -								
CALM							100	100
TOTAL	17989	8811	7835	2332	1664	755	348	39734
MAX	12.50	11.50	12.50	9.50	12.50	14.00	0.00	14.00

WAVE HEIGHT - PERIOD

ALL SEASONS

AREA M17W (25N-30N, 170E-170W)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	68184 1.95 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	5649	295	173	158	17	27	406	6725
0.75 -	18661	5386	2927	550	434	259		28217
1.75 -	5804	5591	4797	1294	811	366		18663
2.75 -	1701	2463	2830	911	721	259		8885
3.75 -	350	801	1257	381	411	222		3422
4.75 -	53	158	431	131	129	83		985
5.75 -	17	63	138	58	97	34		407
6.75 -	18	55	58	31	51	24		237
7.75 -	4	8	19	14	36	8		89
8.75 -	7	17	15	6	18	6		69
9.75 -	1	3	16	3	20	5		48
10.75 -			2	1	1	1		5
11.75 -		1	2	3	4			10
12.75 -					1	1		2
13.75 -		2	1					3
14.75 -	1				1	2		4
CALM							413	413
TOTAL	32266	14843	12666	3541	2752	1297	819	68184
MAX	20.00	14.00	14.50	12.50	15.00	15.00	.00	20.00

AREA M21 (10N-20N, 150E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	37735 1.68 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3595	146	100	64	10	21	278	4214
0.75 -	12815	3486	1846	320	304	170		18941
1.75 -	3217	3291	2221	521	415	243		9908
2.75 -	680	1086	1028	224	268	96		3382
3.75 -	63	256	317	97	103	53		889
4.75 -	18	43	85	14	20	9		189
5.75 -	1	15	26	5	12	9		68
6.75 -		10	2		6	2		20
7.75 -		5	4			4		13
8.75 -						1		1
9.75 -					1			1
10.75 -								
11.75 -			1	3		1		5
12.75 -								
13.75 -								
14.75 -								
CALM							104	104
TOTAL	20389	8338	5630	1248	1139	609	382	37735
MAX	6.00	8.00	12.50	12.00	10.50	12.00	.00	12.50

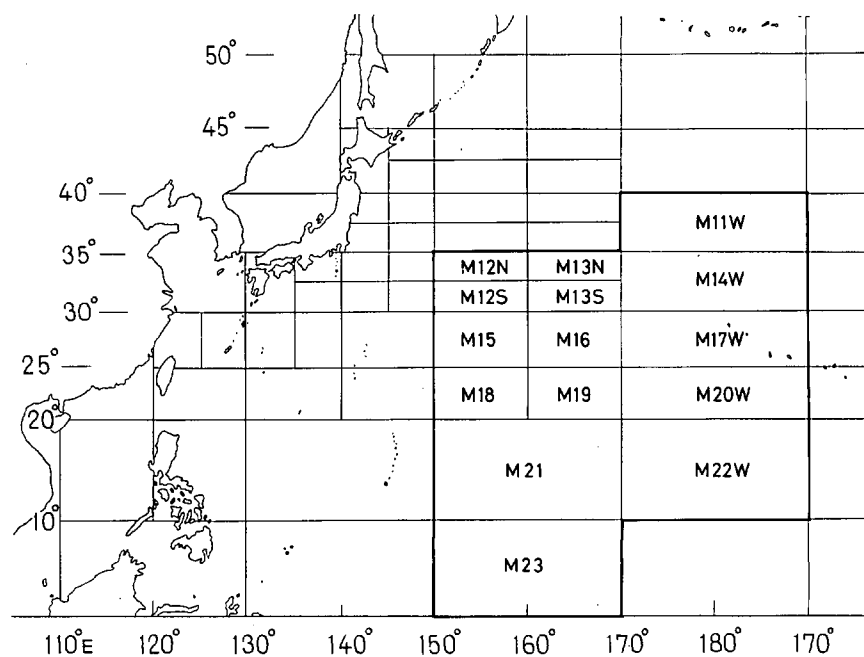
AREA M18 (20N-25N, 150E-160E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	15489 1.67 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1634	91	43	45	6	4	180	2003
0.75 -	4901	1413	841	166	156	83		7560
1.75 -	1156	1215	969	273	183	106		3902
2.75 -	286	429	413	139	110	62		1439
3.75 -	52	106	148	40	32	26		404
4.75 -	8	16	34	5	7	9		79
5.75 -	1	8	7	7	5	6		34
6.75 -		4	3			4		11
7.75 -			2		1	1		4
8.75 -						1		1
9.75 -		2	1					3
10.75 -								
11.75 -				2				2
12.75 -								
13.75 -								
14.75 -								
CALM							47	47
TOTAL	8038	3284	2461	677	500	302	227	15489
MAX	6.00	10.00	10.00	12.50	8.00	9.00	.00	12.50

AREA M22W (10N-20N, 170E-170W)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	26078 1.73 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	2394	104	71	75	9	16	151	2820
0.75 -	8240	2313	1446	254	204	93		12550
1.75 -	2173	2439	1662	307	292	151		7024
2.75 -	551	854	780	186	208	95		2674
3.75 -	60	228	233	47	67	52		687
4.75 -	9	45	70	14	24	11		173
5.75 -	2	2	25	8	16	3		56
6.75 -	1	10	6	2	6	1		26
7.75 -			3		1			4
8.75 -			1	1	3	1		6
9.75 -					1			1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							57	57
TOTAL	13430	5995	4297	894	831	423	208	26078
MAX	7.00	7.50	9.00	9.00	10.50	9.50	.00	10.50

AREA M19 (20N-25N, 160E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	14257 1.73 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	1364	61	34	44	1	5	144	1653
0.75 -	4553	1309	679	123	104	65		6833
1.75 -	1047	1049	990	274	227	98		3635
2.75 -	207	425	475	167	136	75		1485
3.75 -	33	107	146	47	68	39		440
4.75 -	3	10	32	8	24	2		79
5.75 -		5	10	1	7	5		28
6.75 -		5	3	1	4	2		15
7.75 -			1	4				5
8.75 -			1			1		2
9.75 -								
10.75 -			1					1
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM							31	31
TOTAL	7207	2971	2372	669	571	292	175	14257
MAX	5.00	7.50	11.50	8.50	7.50	9.50	.00	11.50

AREA M23 (00N-10N, 150E-170E)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	23725 1.36 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3620	289	198	32	33	26	238	4436
0.75 -	7480	3869	1588	254	178	118		13487
1.75 -	1358	1673	984	157	104	60		4336
2.75 -	169	402	354	61	29	16		1033
3.75 -	10	77	104	17	17	2		227
4.75 -	6	7	16	5	17			51
5.75 -	1	1	4		3	1		10
6.75 -		3	3			1		7
7.75 -								
8.75 -								
9.75 -								
10.75 -	2							2
11.75 -				3				3
12.75 -								
13.75 -								
14.75 -		1						1
CALM							132	132
TOTAL	12646	6322	3251	529	381	226	370	23725
MAX	11.50	18.00	7.50	12.00	6.00	7.50	.00	18.00

AREA M20W (20N-25N, 170E-170W)								
		PERIOD (SEC)					DATA NUMBER MEAN OF DATA	46876 1.83 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	3802	155	82	114	16	8	201	4378
0.75 -	14613	3862	2137	408	299	156		21475
1.75 -	3944	3847	3486	932	623	251		13083
2.75 -	873	1499	1789	542	465	208		5376
3.75 -	156	341	714	186	185	140		1722
4.75 -	21	79	184	83	67	37		471
5.75 -	8	48	39	33	27	17		172
6.75 -	6	24	16	8	12	12		78
7.75 -	1	5	7	3	6	2		24
8.75 -		2	3		1	6		12
9.75 -	1		1		4			6
10.75 -								
11.75 -				2				2
12.75 -					1			1
13.75 -		1						1
14.75 -								
CALM							75	75
TOTAL	23425	9863	8458	2311	1706	837	276	46876
MAX	10.00	14.50	10.00	12.00	13.00	9.00	.00	14.50



WAVE HEIGHT - PERIOD

ALL SEASONS

AREA M24W								DATA NUMBER		9070	
		(00N-10N, 170E-170W)						MEAN OF DATA		1.54 M	
		PERIOD (SEC)						S.D. OF DATA			
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM		TOTAL	
0.00 -		1114	63	37	8	3	2	50		1277	
0.75 -		2769	1166	515	130	60	20			4660	
1.75 -		583	895	652	125	52	26			2333	
2.75 -		62	219	224	76	26	5			612	
3.75 -		16	36	38	14	17	4			125	
4.75 -			4	4	2	10	4			24	
5.75 -		1	2	1		3				7	
6.75 -											
7.75 -					2					2	
8.75 -											
9.75 -											
10.75 -											
11.75 -											
12.75 -											
13.75 -											
14.75 -											
CALM								30		30	
TOTAL		4545	2385	1471	357	171	61	80		9070	
MAX		6.00	6.00	6.00	8.00	6.00	5.50	4.00		8.00	

AREA W04								DATA NUMBER		57280	
		(50N-55N, 150W-130W)						MEAN OF DATA		2.35 M	
		PERIOD (SEC)						S.D. OF DATA		1.47 M	
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM		TOTAL	
0.00 -		2429	335	143	112			93		3112	
0.75 -		8422	6236	2452	967	528	92	210		18907	
1.75 -		3284	6329	4715	1825	590	292	173		17208	
2.75 -		896	3085	2899	1314	608	227	108		9137	
3.75 -		245	1102	1805	804	421	164	40		4581	
4.75 -		66	305	547	393	202	72	12		1597	
5.75 -		1	141	346	229	143	110	14		984	
6.75 -			63	148	132	68	83	4		498	
7.75 -			39	65	43	35	27	3		212	
8.75 -			2	31	38	23	18	3		115	
9.75 -			4	28	22	35	27	1		117	
10.75 -				4	4		6			14	
11.75 -				2	4	3	3			12	
12.75 -				1	1					2	
13.75 -				2	1	1				4	
14.75 -				1		3	5			9	
CALM		336	10	3		1		421		771	
TOTAL		15679	17651	13192	5889	2661	1126	1082		57280	
MAX		6.00	10.00	15.00	14.00	15.00	15.00	10.00		15.00	

AREA W01								DATA NUMBER		24693	
		(55N-65N, 170W-160W)						MEAN OF DATA		1.84 M	
		PERIOD (SEC)						S.D. OF DATA		1.30 M	
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM		TOTAL	
0.00 -		2635	345	91	77			9		3157	
0.75 -		5808	2759	831	230	146	31	16		9821	
1.75 -		2086	2475	1248	346	63	28	3		6249	
2.75 -		266	1372	667	261	60	12	2		2640	
3.75 -		75	340	501	181	42	27	1		1167	
4.75 -		21	95	118	84	32	5			355	
5.75 -			31	71	55	19	13			189	
6.75 -			29	26	22	12	9			98	
7.75 -			20	12	12	3	2			49	
8.75 -				10	5	2	27			44	
9.75 -			1	3	4	3	2			13	
10.75 -					1	2	3			6	
11.75 -					2		6			8	
12.75 -							1			1	
13.75 -											
14.75 -					1					1	
CALM		639	5	6				245		895	
TOTAL		11530	7472	3584	1281	384	166	276		24693	
MAX		5.50	10.00	10.00	15.00	11.00	13.00	4.00		15.00	

AREA W05								DATA NUMBER		44277	
		(45N-50N, 170W-150W)						MEAN OF DATA		2.45 M	
		PERIOD (SEC)						S.D. OF DATA		1.45 M	
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM		TOTAL	
0.00 -		1382	270	89	64			38		1843	
0.75 -		5262	5244	1949	494	334	65	112		13460	
1.75 -		2192	4865	4399	1714	476	201	92		13939	
2.75 -		533	2411	2643	1361	754	235	42		7979	
3.75 -		133	803	1546	716	432	238	34		3902	
4.75 -		37	229	480	357	145	46	10		1304	
5.75 -			102	215	168	158	79	2		724	
6.75 -			52	105	117	76	50	1		401	
7.75 -			21	42	34	42	36	3		178	
8.75 -			1	26	28	29	56	1		141	
9.75 -			7	24	25	16	24			96	
10.75 -			1		2	3	2			8	
11.75 -				1	4	5	4			14	
12.75 -					1	1				2	
13.75 -											
14.75 -											
CALM		180	11	11				84		286	
TOTAL		9719	14017	11530	5085	2471	1036	419		44277	
MAX		5.50	11.00	12.00	13.50	13.00	12.50	9.00		13.50	

AREA W02								DATA NUMBER		34768	
		(55N-65N, 160W-130W)						MEAN OF DATA		1.89 M	
		PERIOD (SEC)						S.D. OF DATA		1.39 M	
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM		TOTAL	
0.00 -		2968	384	134	157			57		3700	
0.75 -		7401	3407	1385	363	464	99	157		13276	
1.75 -		2495	3095	1661	656	281	250	102		8540	
2.75 -		701	1420	1053	444	202	132	62		4014	
3.75 -		180	578	576	282	119	77	33		1845	
4.75 -		60	152	190	112	39	27	12		592	
5.75 -			80	118	77	34	50	7		366	
6.75 -			35	57	52	19	19	2		184	
7.75 -			5	25	11	10	7	1		59	
8.75 -		1		11	9	10	11	1		43	
9.75 -			3	6	14	1	12			36	
10.75 -				7	1	1	1			10	
11.75 -				2	2	1	6			11	
12.75 -						1				1	
13.75 -											
14.75 -				2		1	4			7	
CALM		990	8	1				1085		2084	
TOTAL		14796	9167	5228	2180	1183	695	1519		34768	
MAX		9.50	10.50	15.00	12.50	15.00	15.50	9.50		15.50	

AREA W06								DATA NUMBER		55962	
		(45N-50N, 150W-130W)						MEAN OF DATA		2.34 M	
		PERIOD (SEC)						S.D. OF DATA		1.41 M	
HEIGHT (M)		-5	6-7	8-9	10-11	12-13	14-	CALM		TOTAL	
0.00 -		2154	354	196	107			84		2895	
0.75 -		7915	6143	2349	718	438	80	297		17980	
1.75 -		3084	6247	4961	1766	561	268	205		17092	
2.75 -		769	2945	3274	1570	733	274	92		9657	
3.75 -		184	932	1737	841	417	224	41		4376	
4.75 -		55	266	633	386	209	71	14		1634	
5.75 -			113	238	216	144	94	12		817	
6.75 -			45	98	135	90	69	3		440	
7.75 -			18	36	24	49	26	2		155	
8.75 -				21	14	23	54	7		119	
9.75 -			4	13	13	11	21	3		65	
10.75 -				8	3		2			13	
11.75 -				1	3	2	4	1		11	
12.75 -				1						1	
13.75 -					1		1			2	
14.75 -					2	3				5	
CALM		296	6	5				393		700	
TOTAL		14457	17073	13611	5799	2680	1188	1154		55962	
MAX		5.50	10.00	13.50	15.00	15.00	14.00	12.00		15.00	

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WAVE HEIGHT - PERIOD

ALL SEASONS

AREA W08 (40N-45N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA MEAN OF DATA S.D. OF DATA	NUMBER OF DATA	37877 2.29 M 1.37 M
	-5	6-7	8-9	10-11	12-13			
0.00 -	1646	252	99	76			45	2118
0.75 -	5228	4581	1742	483	297	86	207	12624
1.75 -	1995	4106	3404	1223	347	187	195	11457
2.75 -	464	1857	1951	1106	587	187	94	6246
3.75 -	118	603	1030	613	319	183	49	2915
4.75 -	49	170	367	250	133	41	11	1021
5.75 -	1	53	130	122	106	74	4	490
6.75 -		25	61	63	49	31	4	233
7.75 -		2	23	30	18	18	1	92
8.75 -			18	12	24	26	1	81
9.75 -		3	9	17	10	10		45
10.75 -			2				1	3
11.75 -			3				1	4
12.75 -					1	1		2
13.75 -								
14.75 -								
CALM	295	13	1				237	546
TOTAL	9796	11665	8840	3991	1891	845	849	37877
MAX	6.00	10.00	12.50	10.00	13.00	13.50	11.50	13.50

AREA W12 (35N-40N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA MEAN OF DATA S.D. OF DATA	NUMBER OF DATA	75403 1.88 M 1.16 M
	-5	6-7	8-9	10-11	12-13			
0.00 -	5284	732	264	306			258	6844
0.75 -	14760	10042	3988	1288	843	240	631	31792
1.75 -	3976	7488	5975	2385	827	493	422	21566
2.75 -	770	2470	2660	1504	649	359	139	8551
3.75 -	204	609	1058	616	356	184	76	3103
4.75 -	61	168	325	209	123	65	10	961
5.75 -		66	130	102	110	55	12	475
6.75 -		32	37	67	60	32	5	233
7.75 -		4	24	23	20	14		85
8.75 -		4	18	11	15	9		57
9.75 -			8	1	5	11		25
10.75 -					1	2		3
11.75 -					1	4		5
12.75 -								
13.75 -								
14.75 -								
CALM	792	29	4		2		876	1703
TOTAL	25847	21644	14491	6512	3012	1468	2429	75403
MAX	5.50	9.50	10.00	10.00	12.00	12.50	7.50	12.50

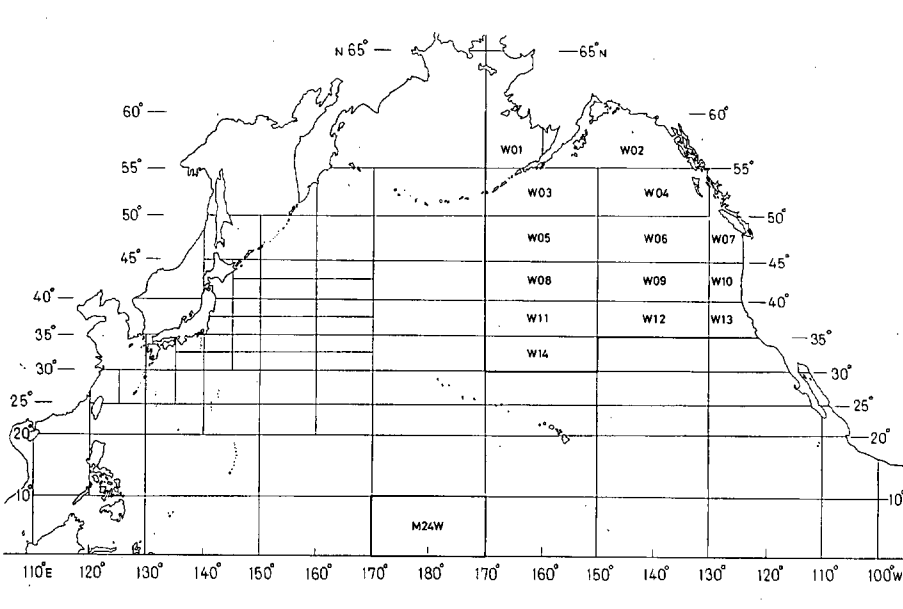
AREA W09 (40N-45N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA MEAN OF DATA S.D. OF DATA	NUMBER OF DATA	44485 2.07 M 1.33 M
	-5	6-7	8-9	10-11	12-13			
0.00 -	2700	299	124	81			130	3334
0.75 -	7817	5885	2132	616	353	97	369	17269
1.75 -	2229	4639	3644	1390	407	208	223	12740
2.75 -	476	1805	1750	1018	472	187	115	5823
3.75 -	163	539	778	502	257	139	29	2407
4.75 -	51	149	315	243	133	35	12	938
5.75 -		88	145	149	102	69	9	562
6.75 -		34	65	71	52	41	4	267
7.75 -		18	20	30	20	20		108
8.75 -		4	10	7	8	21	1	51
9.75 -		5	11	12	2	9		39
10.75 -			4	1		2	1	8
11.75 -			3		2	1		6
12.75 -			1					1
13.75 -								
14.75 -								
CALM	359	7	1		1		564	932
TOTAL	13795	13472	9003	4120	1809	829	1457	44485
MAX	5.50	10.00	13.50	11.50	12.00	12.50	11.50	13.50

AREA W13 (35N-40N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA MEAN OF DATA S.D. OF DATA	NUMBER OF DATA	53635 1.83 M 1.10 M
	-5	6-7	8-9	10-11	12-13			
0.00 -	4010	591	235	243			173	5252
0.75 -	11130	6652	2745	959	569	112	320	22487
1.75 -	3484	5330	3844	1533	551	329	232	15303
2.75 -	754	1926	1905	941	418	198	106	6248
3.75 -	159	472	648	407	201	121	35	2043
4.75 -	37	133	157	132	67	22	14	562
5.75 -		48	65	53	34	39	13	252
6.75 -		14	23	18	17	19		91
7.75 -		3	4	9	7	12	1	36
8.75 -		4	3	3	5	4		19
9.75 -			4	3	1	1		9
10.75 -								
11.75 -			1					1
12.75 -								
13.75 -								
14.75 -								
CALM	699	7	1		1		624	1332
TOTAL	20273	15180	9635	4301	1871	857	1518	53635
MAX	5.50	9.00	10.00	10.50	10.00	10.00	8.00	10.50

AREA W10 (40N-45N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA MEAN OF DATA S.D. OF DATA	NUMBER OF DATA	30109 1.82 M 1.16 M
	-5	6-7	8-9	10-11	12-13			
0.00 -	1995	787	308	203			39	3332
0.75 -	5801	4214	2366	615	290	79	134	13499
1.75 -	1895	2636	2034	721	214	140	77	7717
2.75 -	498	981	1015	417	167	88	48	3234
3.75 -	143	302	372	189	74	40	18	1138
4.75 -	30	96	133	68	54	18	6	405
5.75 -		41	76	32	28	20	2	199
6.75 -		16	17	10	14	9		66
7.75 -		3	10	14	4	1		32
8.75 -			7	3	3	5	2	20
9.75 -		1	4	2	2	7		16
10.75 -			1	1				2
11.75 -					2	1		3
12.75 -								
13.75 -								
14.75 -								
CALM	200	4	2				240	446
TOTAL	10562	9081	6345	2275	872	408	566	30109
MAX	5.50	10.00	11.00	11.00	12.50	12.50	9.00	12.50

AREA W14 (30N-35N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA MEAN OF DATA S.D. OF DATA	NUMBER OF DATA	64339 2.13 M 1.31 M
	-5	6-7	8-9	10-11	12-13			
0.00 -	3388	404	182	169			117	4260
0.75 -	10992	7232	3163	1133	719	172	473	23884
1.75 -	3406	6433	5436	2424	1024	540	429	19692
2.75 -	781	2258	3002	1657	874	403	159	9134
3.75 -	200	745	1250	837	462	269	66	3829
4.75 -	80	186	417	308	181	74	17	1263
5.75 -		69	187	183	132	88	1	660
6.75 -		32	74	94	79	59	4	342
7.75 -		9	18	36	34	33		130
8.75 -		2	25	27	17	22	6	99
9.75 -		4	6	18	7	22		57
10.75 -			1	1		6		8
11.75 -			2	3	5	9		19
12.75 -			1	3				4
13.75 -			1	1		1		3
14.75 -			2	2	2	3		9
CALM	468	9	2		1		466	946
TOTAL	19315	17383	13769	6896	3537	1701	1738	64339
MAX	5.50	10.00	15.00	15.00	15.00	16.00	9.50	16.00

AREA W11 (35N-40N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA MEAN OF DATA S.D. OF DATA	NUMBER OF DATA	53177 2.13 M 1.32 M
	-5	6-7	8-9	10-11	12-13			
0.00 -	3056	395	147	92			70	3760
0.75 -	9178	6159	2487	763	544	148	389	19668
1.75 -	2858	5324	4249	1690	685	431	331	15568
2.75 -	617	2181	2441	1374	677	361	133	7784
3.75 -	161	642	1062	720	366	185	55	3191
4.75 -	46	158	417	272	153	78	17	1141
5.75 -		73	183	158	144	72	6	636
6.75 -		33	74	69	54	37	3	270
7.75 -		3	32	25	36	17	1	114
8.75 -			9	13	12	15		49
9.75 -		1	16	12	7	9	1	46
10.75 -				2	1	4	2	9
11.75 -			5		8	2		15
12.75 -								
13.75 -					1			1
14.75 -				2	2			4
CALM	469	19	2		2		429	921
TOTAL	16385	14988	11124	5192	2692	1359	1437	53177
MAX	5.50	10.00	12.50	15.00	15.00	12.50	11.50	15.00



WAVE HEIGHT - PERIOD

ALL SEASONS

AREA W15 (30N-35N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		95385 1.83 M 1.09 M TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	6629	803	352	277			230	8291
0.75 -	19621	12605	5561	1885	1258	321	894	42145
1.75 -	5042	8951	7112	3125	1367	801	604	27002
2.75 -	1005	2612	3160	1955	866	405	221	10224
3.75 -	207	771	1065	716	476	223	94	3552
4.75 -	72	196	325	242	149	64	20	1068
5.75 -		75	121	121	127	56	13	513
6.75 -		37	39	31	43	26	1	177
7.75 -		5	5	10	10	9		39
8.75 -		5	5	6	7	7		30
9.75 -		2	6		3	6	1	18
10.75 -			1		2	1		4
11.75 -			1	2				3
12.75 -								
13.75 -								
14.75 -								
CALM	1197	25	6		1		1090	2319
TOTAL	33773	26087	17759	8370	4309	1919	3168	95385
MAX	5.50	10.00	12.00	12.50	11.00	11.50	10.00	12.50

AREA W19 (25N-30N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		49095 1.80 M 1.82 M TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	6207	704	279	288			150	7628
0.75 -	14025	7208	2834	964	729	166	272	26198
1.75 -	2434	3767	2421	884	427	257	86	10276
2.75 -	306	702	707	372	157	55	14	2313
3.75 -	40	124	175	113	76	26	9	563
4.75 -	7	27	46	18	22	4		124
5.75 -		4	8	7	10	3		32
6.75 -		2	1	1	4	2		10
7.75 -			2					2
8.75 -			1		1			2
9.75 -					1			1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	1041	9	11				885	1946
TOTAL	24060	12547	6485	2647	1427	513	1416	49095
MAX	5.50	7.00	9.00	7.50	10.50	7.00	4.50	10.50

AREA W16 (30N-35N, 130W-110W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		90255 1.32 M 0.95 M TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	16332	2450	975	691			573	21021
0.75 -	21744	11328	4575	1695	908	131	510	40891
1.75 -	3944	5724	3933	1685	650	319	158	16413
2.75 -	586	1397	1471	762	370	185	48	4819
3.75 -	128	307	423	269	180	76	22	1405
4.75 -	26	78	97	91	51	20	8	371
5.75 -		25	45	28	23	17		138
6.75 -		10	6	9	12	9	2	48
7.75 -			6	2	2	5		15
8.75 -		1	6	3	4	5		19
9.75 -		2		1	9	4		16
10.75 -								
11.75 -					1			1
12.75 -								
13.75 -								
14.75 -				1				1
CALM	2127	34	28		4		2904	5097
TOTAL	44887	21356	11565	5237	2214	771	4225	90255
MAX	5.50	10.00	9.00	20.00	12.00	10.00	7.00	20.00

AREA W20 (20N-25N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		87851 1.73 M 0.98 M TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	6777	903	314	216			170	8380
0.75 -	22117	11853	4459	1483	894	211	710	41727
1.75 -	5705	8773	6187	2284	1065	590	500	25104
2.75 -	925	2310	2254	1259	693	303	138	7882
3.75 -	203	521	730	458	297	130	38	2377
4.75 -	42	137	173	123	95	40	13	623
5.75 -		56	53	46	40	26	1	222
6.75 -		17	21	25	16	17	1	97
7.75 -		6	11	7	9	2		35
8.75 -		2	2	3	9	5		21
9.75 -		2	7	5	5	4		23
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	694	19	5		2		640	1360
TOTAL	36463	24599	14216	5909	3125	1328	2211	87851
MAX	5.50	10.00	10.50	10.00	10.00	10.00	7.50	10.50

AREA W17 (25N-30N, 170W-150W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		41422 2.08 M 1.20 M TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	2059	272	93	88			58	2570
0.75 -	7505	4863	1945	684	462	114	400	15973
1.75 -	2325	4377	3417	1414	627	343	301	12804
2.75 -	546	1615	1884	981	507	252	115	5900
3.75 -	128	480	768	475	292	147	44	2334
4.75 -	48	122	220	151	110	56	6	713
5.75 -		36	90	79	85	48	9	347
6.75 -		22	43	44	28	29	2	168
7.75 -		2	12	8	16	13	1	52
8.75 -			16	4	6	8	1	35
9.75 -			2	2	2	2	1	9
10.75 -			1	1		1		3
11.75 -				2		1	1	4
12.75 -						1		1
13.75 -								
14.75 -								
CALM	268	2	2				237	509
TOTAL	12879	11791	8493	3933	2135	1015	1176	41422
MAX	5.50	8.00	11.00	12.50	10.00	13.00	12.50	13.00

AREA W21 (20N-25N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		31161 1.84 M 0.96 M TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	1744	175	75	42			46	2082
0.75 -	7342	4145	1672	458	326	127	223	14293
1.75 -	2128	3557	2577	959	403	251	142	10017
2.75 -	393	941	912	549	280	108	50	3233
3.75 -	82	179	263	204	87	63	15	893
4.75 -	15	28	63	75	29	17	7	234
5.75 -		26	39	26	16	13		120
6.75 -		1	11	5	5	4		26
7.75 -		1		9	3			13
8.75 -			1					1
9.75 -			1			1		2
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -						1		1
CALM	162	6					78	246
TOTAL	11866	9059	5614	2327	1149	585	561	31161
MAX	5.50	8.00	10.00	8.50	8.50	17.00	5.50	17.00

AREA W18 (25N-30N, 150W-130W)								
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER MEAN OF DATA S.D. OF DATA		73116 1.73 M 0.99 M TOTAL
	-5	6-7	8-9	10-11	12-13	14-	CALM	
0.00 -	5474	695	288	201			159	6817
0.75 -	17271	9658	4123	1515	989	221	769	34546
1.75 -	4198	6839	5110	2113	1058	554	494	20366
2.75 -	748	1842	2102	1238	623	312	144	7009
3.75 -	96	443	660	443	241	123	42	2048
4.75 -	21	99	185	106	79	39	15	544
5.75 -		33	63	27	46	42	8	219
6.75 -		9	20	15	12	8	2	66
7.75 -			3	4	5	4	1	17
8.75 -			8	3	2	6		19
9.75 -			1	2		5		8
10.75 -								
11.75 -			2					2
12.75 -								
13.75 -								
14.75 -								
CALM	794	17	4				640	1455
TOTAL	28602	19635	12569	5667	3055	1314	2274	73116
MAX	5.50	7.50	12.50	10.00	9.50	10.00	8.00	12.50

AREA W22 (20N-25N, 130W-110W)				PERIOD (SEC)		DATA NUMBER MEAN OF DATA S.D. OF DATA		40804 1.35 M 0.80 M
HEIGHT (M)	-5	6-7	8-9	10-11	12-13	14-	CALM	TOTAL
0.00 -	5735	675	268	261			123	7062
0.75 -	11332	6188	2570	891	681	157	240	22059
1.75 -	1819	2764	1935	736	292	222	91	7859
2.75 -	206	542	567	230	117	48	13	1723
3.75 -	27	66	139	70	42	34		378
4.75 -	3	16	19	9	11	3		61
5.75 -		1	12	1	14	5	1	34
6.75 -			2	3		1		6
7.75 -			2	2				4
8.75 -					1			1
9.75 -				1				1
10.75 -								
11.75 -								
12.75 -								
13.75 -								
14.75 -								
CALM	932	9	9		1		665	1616
TOTAL	20054	10261	5523	2204	1159	470	1133	40804
MAX	5.00	6.00	8.00	10.00	9.50	7.50	6.00	10.00

WAVE HEIGHT - PERIOD

ALL SEASONS

AREA W23 (10N-20N, 170W-150W)									
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		MEAN OF DATA	
	-5	6-7	8-9	10-11	12-13	14-	CALM	S.D. OF DATA	TOTAL
0.00 -	1525	253	122	65			42		2007
0.75 -	5885	4614	2097	564	347	111	233		13851
1.75 -	2099	4019	2709	1047	380	228	193		10675
2.75 -	313	1036	1005	488	187	100	51		3180
3.75 -	98	225	309	171	107	27	20		957
4.75 -	27	49	76	56	9	8	3		228
5.75 -		12	33	11	9	18	3		86
6.75 -		8	14	13	2	6			43
7.75 -		1	4	2		2	1		10
8.75 -			2	2	1	2	1		8
9.75 -			2	1	1	2			6
10.75 -									
11.75 -				2					2
12.75 -									
13.75 -									
14.75 -									
CALM	193	10	5				177		385
TOTAL	10140	10227	6378	2422	1043	504	724		31438
MAX	5.50	8.50	10.50	12.50	10.00	10.00	9.00		12.50

AREA W27 (00N-10N, 150W-130W)									
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		MEAN OF DATA	
	-5	6-7	8-9	10-11	12-13	14-	CALM	S.D. OF DATA	TOTAL
0.00 -	395	40	17	13			11		476
0.75 -	1754	1229	566	184	98	21	59		3911
1.75 -	471	972	574	264	70	45	26		2422
2.75 -	75	228	223	99	35	17	13		690
3.75 -	9	56	55	22	12	1			155
4.75 -	2	3	20	12	6		4		47
5.75 -				3	4				11
6.75 -									2
7.75 -									
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	55		1				17		73
TOTAL	2761	2528	1460	597	225	86	130		7787
MAX	5.00	5.50	6.00	6.00	6.00	7.00	5.50		7.00

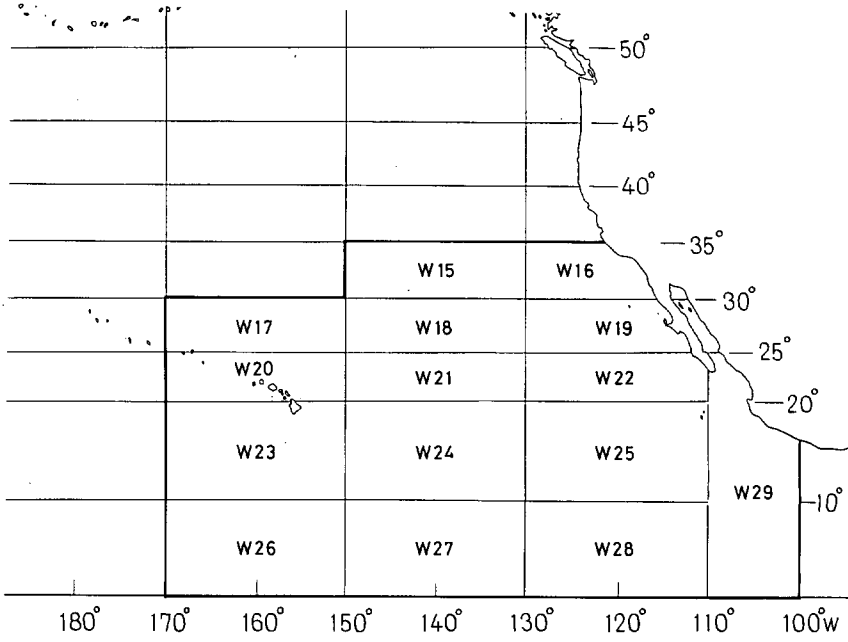
AREA W24 (10N-20N, 150W-130W)									
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		MEAN OF DATA	
	-5	6-7	8-9	10-11	12-13	14-	CALM	S.D. OF DATA	TOTAL
0.00 -	1229	152	52	65			35		1533
0.75 -	6866	4236	1746	530	390	142	321		14231
1.75 -	2810	4353	2901	1194	393	286	209		12146
2.75 -	449	1259	1127	487	195	118	61		3696
3.75 -	89	201	397	174	75	39	7		982
4.75 -	6	27	62	51	19	25	2		192
5.75 -	1	6	13	11	8	12	1		52
6.75 -		6	7	3	3	2			21
7.75 -		1	1	3		3			8
8.75 -			7		2				9
9.75 -				2		2			4
10.75 -									
11.75 -			1	1					2
12.75 -									
13.75 -									
14.75 -									
CALM	113		1				97		211
TOTAL	11563	10241	6315	2521	1085	629	733		33087
MAX	6.00	8.00	12.00	12.50	9.50	10.00	6.00		12.50

AREA W28 (00N-10N, 130W-110W)									
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		MEAN OF DATA	
	-5	6-7	8-9	10-11	12-13	14-	CALM	S.D. OF DATA	TOTAL
0.00 -	526	100	27	60			12		725
0.75 -	1623	1373	577	201	84	40	94		3992
1.75 -	305	710	552	235	70	65	37		1974
2.75 -	37	138	177	49	42	14	9		466
3.75 -	2	13	22	8	5	8			58
4.75 -			2	2	4				8
5.75 -					2				2
6.75 -				1					1
7.75 -									
8.75 -									
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	66	1					37		104
TOTAL	2559	2335	1357	556	207	127	189		7330
MAX	4.00	4.00	5.00	7.50	6.00	4.50	3.50		7.50

AREA W25 (10N-20N, 130W-110W)									
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		MEAN OF DATA	
	-5	6-7	8-9	10-11	12-13	14-	CALM	S.D. OF DATA	TOTAL
0.00 -	3939	428	161	114			83		4725
0.75 -	13201	7315	2854	1004	769	263	413		25819
1.75 -	3132	4974	3205	1122	496	334	177		13440
2.75 -	416	984	928	412	224	140	31		3135
3.75 -	54	128	192	143	85	39	4		645
4.75 -	14	22	46	27	8	13	3		133
5.75 -		6	14	8	10	11	1		50
6.75 -			5		2	3			10
7.75 -		5			8				13
8.75 -					2	2	2		6
9.75 -						3			3
10.75 -						2			2
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	420	10	2				233		665
TOTAL	21176	13872	7407	2830	1604	810	947		48646
MAX	5.50	8.00	7.50	6.00	9.00	11.00	9.50		11.00

AREA W29 (00N-35N, 110W-100W)									
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		MEAN OF DATA	
	-5	6-7	8-9	10-11	12-13	14-	CALM	S.D. OF DATA	TOTAL
0.00 -	16900	2001	472	909			435		21117
0.75 -	23160	13337	5809	2166	1852	435	857		47616
1.75 -	2977	4230	2709	978	552	404	220		12070
2.75 -	324	750	692	285	177	127	25		2380
3.75 -	94	170	223	101	44	36	10		678
4.75 -	22	42	50	25	12	10	3		164
5.75 -		7	9	5	5	15			41
6.75 -		1	4	5		3			13
7.75 -			2	1					3
8.75 -			4		1				5
9.75 -				2		1	1		4
10.75 -			1						1
11.75 -						1			1
12.75 -									
13.75 -									
14.75 -									
CALM	3952	89	19		4		3886		7950
TOTAL	47429	20627	10394	4477	2647	1032	5437		92043
MAX	5.50	7.50	11.00	10.00	9.00	12.00	10.00		12.00

AREA W26 (00N-10N, 170W-150W)									
HEIGHT (M)	PERIOD (SEC)					DATA NUMBER		MEAN OF DATA	
	-5	6-7	8-9	10-11	12-13	14-	CALM	S.D. OF DATA	TOTAL
0.00 -	673	158	47	18			44		940
0.75 -	2213	1478	471	96	49	16	158		4481
1.75 -	477	984	618	211	64	24	69		2447
2.75 -	92	241	199	116	52	25	19		744
3.75 -	17	58	54	26	5	9	5		174
4.75 -	3	11	16	12	9	5	3		59
5.75 -		4	1	4		2	1		12
6.75 -		1	1		2	3			7
7.75 -					1				1
8.75 -						2			2
9.75 -									
10.75 -									
11.75 -									
12.75 -									
13.75 -									
14.75 -									
CALM	69	1					51		121
TOTAL	3544	2936	1407	483	182	86	350		8988
MAX	5.00	7.00	7.00	6.00	8.00	9.00	6.00		9.00



北太平洋の風と波に関する統計図表 (1964-1973)

昭和 55 年 3 月 発行

編 集	社団法人 日本造船研究協会 第163研究部会
発 行 所	社団法人 日本造船研究協会 東京都港区虎ノ門1-15-16 船舶振興ビル8階 電話(03)502-2371(代)内線420-429
印 刷 所	啓文堂 松本印刷 東京都新宿区早稲田鶴巻町251 電話(03)203-4131(代)