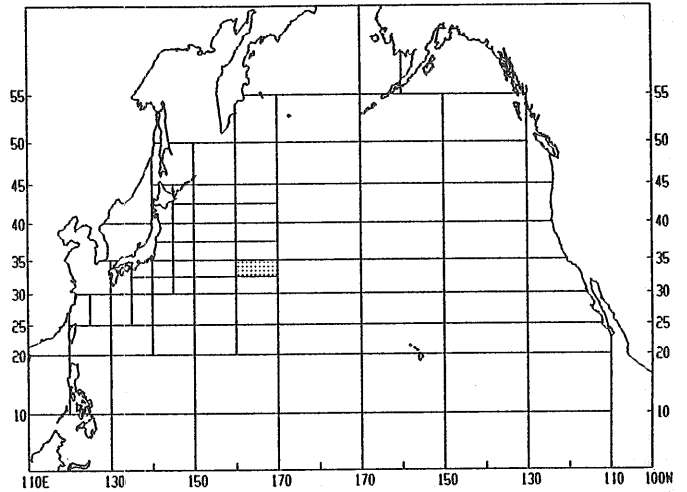


1980-1989 All seasons

AREA M13N (32.5N-35.0N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 3.05 M MEAN OF WAVE PERIOD 7.89SEC	
HEIGHT (M)	PERIOD (SEC)		
	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL		
14.75-			1
13.75-			3 2
12.75-			1 2 3
11.75-			10 11 1 22
10.75-			8 13 14 35
9.75-			23 37 2 62
8.75-			12 63 43 118
7.75-			73 142 4 219
6.75-			58 407 123 588
5.75-			3 593 650 1246
4.75-			540 1978 43 1 2562
3.75-			204 3956 945 24 1 5130
2.75-			9 6451 4392 450 25 3 11330
1.75-			4397 9923 2506 328 45 1 1 17201
0.75-			38 2754 2144 350 15 1 5302
0.00-			0
TOTAL			0 38 7160 18722 11747 4367 1280 365 109 33 3 43824
MAX			0.00 1.60 2.90 4.30 5.90 7.60 9.40 11.40 13.70 15.20 14.00

DATE (MAX HEIGHT) 00h 19-FEB-82



1980-1989 Spring

AREA M13N (32.5N-35.0N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 3.15 M MEAN OF WAVE PERIOD 7.97SEC	
HEIGHT (M)	PERIOD (SEC)		
	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL		
14.75-			0
13.75-			0
12.75-			0
11.75-			1 1 2
10.75-			3 1 1 5
9.75-			2 3 5
8.75-			1 11 4 16
7.75-			14 20 1 35
6.75-			16 93 32 141
5.75-			1 154 154 309
4.75-			150 550 17 1 718
3.75-			50 1141 249 6 1 1447
2.75-			3 1912 1208 113 6 1 3323
1.75-			1000 2307 771 102 25 4285
0.75-			3 342 315 90 4 754
0.00-			0
TOTAL			0 3 1345 4664 3441 1188 316 71 10 2 0 11040
MAX			0.00 1.50 2.90 4.20 5.90 7.50 8.80 11.20 12.40 12.10 0.00

DATE (MAX HEIGHT) 12h 11-MAR-84

1980-1989 Summer

AREA M13N (32.5N-35.0N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 2.34 M MEAN OF WAVE PERIOD 7.32SEC	
HEIGHT (M)	PERIOD (SEC)		
	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL		
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			1
7.75-			5
6.75-			3 20 5 28
5.75-			50 34 84
4.75-			50 195 1 246
3.75-			11 520 48 3 582
2.75-			1271 484 18 1773
1.75-			1930 2769 352 39 1 5091
0.75-			33 1930 1130 132 4 1 3230
0.00-			0
TOTAL			0 33 3860 5181 1538 357 66 5 0 0 0 11040
MAX			0.00 1.60 2.70 4.00 5.50 7.00 8.90 7.70 0.00 0.00 0.00

DATE (MAX HEIGHT) 00h 21-AUG-83

1980-1989 Autumn

AREA M13N (32.5N-35.0N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 2.84 M MEAN OF WAVE PERIOD 7.76SEC	
HEIGHT (M)	PERIOD (SEC)		
	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL		
14.75-			0
13.75-			0
12.75-			0
11.75-			3 3
10.75-			0
9.75-			4 5 9
8.75-			5 8 13
7.75-			9 11 1 21
6.75-			10 51 13 74
5.75-			100 83 183
4.75-			122 310 3 435
3.75-			56 867 174 1 1098
2.75-			4 1754 931 78 8 2 2777
1.75-			1176 3096 721 111 13 1 1 5119
0.75-			2 460 611 108 7 1188
0.00-			0
TOTAL			0 2 1640 5517 2749 790 168 36 18 0 0 10920
MAX			0.00 1.40 2.80 4.30 5.70 7.20 8.40 10.40 12.20 0.00 0.00

DATE (MAX HEIGHT) 12h 14-SEP-87

1980-1989 Winter

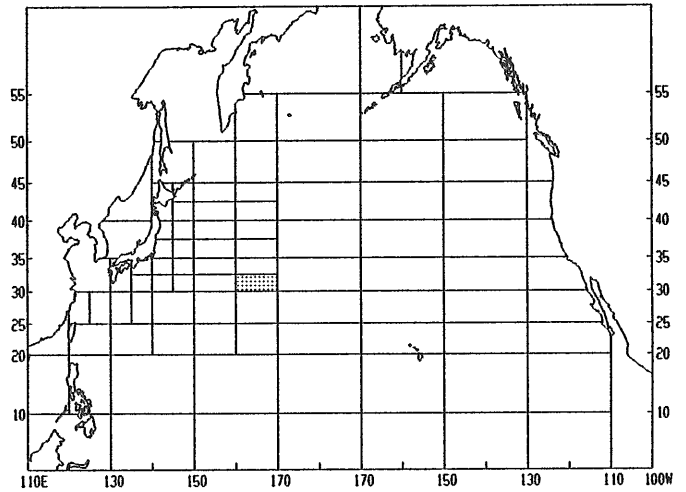
AREA M13N (32.5N-35.0N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 3.88 M MEAN OF WAVE PERIOD 8.52SEC	
HEIGHT (M)	PERIOD (SEC)		
	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL		
14.75-			1 1
13.75-			3 2 5
12.75-			1 2 3
11.75-			6 10 1 17
10.75-			5 12 13 30
9.75-			17 29 2 48
8.75-			10 47 31 88
7.75-			45 111 2 158
6.75-			29 243 73 345
5.75-			2 289 379 670
4.75-			218 923 22 1163
3.75-			87 1428 474 14 2003
2.75-			2 1514 1689 241 11 3457
1.75-			291 1671 662 76 6 2706
0.75-			22 88 20 130
0.00-			0
TOTAL			0 0 315 3360 4019 2032 730 253 81 31 3 10824
MAX			0.00 0.00 2.80 4.30 5.80 7.60 9.40 11.40 13.70 15.20 14.00

DATE (MAX HEIGHT) 00h 19-FEB-82

1980-1989 All seasons

AREA M135 (30.0N-32.5N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 2.73 M MEAN OF WAVE PERIOD 7.70SEC										
HEIGHT (M)	PERIOD (SEC)											
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL												
14.75-			0									
13.75-			0									
12.75-			0									
11.75-			1									
10.75-			1									
9.75-			6									
8.75-			11									
7.75-			20									
6.75-			38									
5.75-			109									
4.75-			310									
3.75-			746									
2.75-			4032									
1.75-			18009									
0.75-			7959									
0.00-			9									
TOTAL			43824									
MAX	0.00	1.60	2.90	4.30	5.80	7.50	8.80	10.70	12.20	12.90	12.60	

DATE (MAX HEIGHT) 06h 19-FEB-82



1980-1989 Spring

AREA M135 (30.0N-32.5N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 2.79 M MEAN OF WAVE PERIOD 7.76SEC										
HEIGHT (M)	PERIOD (SEC)											
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL												
14.75-			0									
13.75-			0									
12.75-			0									
11.75-			0									
10.75-			0									
9.75-			0									
8.75-			1									
7.75-			11									
6.75-			51									
5.75-			196									
4.75-			416									
3.75-			1085									
2.75-			2838									
1.75-			5209									
0.75-			1233									
0.00-			0									
TOTAL			11040									
MAX	0.00	1.60	2.90	4.10	5.70	7.10	8.60	9.60	0.00	0.00	0.00	

DATE (MAX HEIGHT) 00h 22-MAR-83

1980-1989 Summer

AREA M135 (30.0N-32.5N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 2.09 M MEAN OF WAVE PERIOD 7.15SEC										
HEIGHT (M)	PERIOD (SEC)											
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL												
14.75-			0									
13.75-			0									
12.75-			0									
11.75-			0									
10.75-			0									
9.75-			0									
8.75-			0									
7.75-			0									
6.75-			4									
5.75-			28									
4.75-			104									
3.75-			366									
2.75-			1443									
1.75-			4602									
0.75-			4486									
0.00-			7									
TOTAL			11040									
MAX	0.00	1.50	2.70	4.00	5.30	7.20	7.10	0.00	0.00	0.00	0.00	

DATE (MAX HEIGHT) 12h 20-JUN-83

1980-1989 Autumn

AREA M135 (30.0N-32.5N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 2.54 M MEAN OF WAVE PERIOD 7.60SEC										
HEIGHT (M)	PERIOD (SEC)											
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL												
14.75-			0									
13.75-			0									
12.75-			0									
11.75-			2									
10.75-			1									
9.75-			1									
8.75-			5									
7.75-			13									
6.75-			31									
5.75-			83									
4.75-			251									
3.75-			741									
2.75-			2339									
1.75-			5511									
0.75-			1940									
0.00-			2									
TOTAL			10920									
MAX	0.00	1.30	2.80	4.10	5.50	7.00	8.10	9.00	11.80	12.40	0.00	

DATE (MAX HEIGHT) 18h 13-SEP-87

1980-1989 Winter

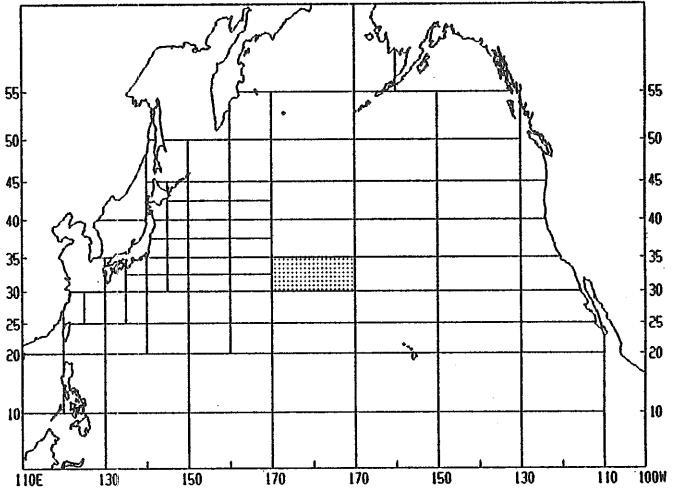
AREA M135 (30.0N-32.5N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 3.50 M MEAN OF WAVE PERIOD 8.28SEC										
HEIGHT (M)	PERIOD (SEC)											
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL												
14.75-			0									
13.75-			0									
12.75-			1									
11.75-			4									
10.75-			10									
9.75-			19									
8.75-			32									
7.75-			85									
6.75-			224									
5.75-			439									
4.75-			984									
3.75-			1840									
2.75-			3399									
1.75-			3487									
0.75-			300									
0.00-			0									
TOTAL			10824									
MAX	0.00	1.40	2.70	4.30	5.80	7.50	8.80	10.70	12.20	12.90	12.60	

DATE (MAX HEIGHT) 06h 19-FEB-82

1980-1989 All seasons

AREA M14W (30.0N-35.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 2.95 M MEAN OF WAVE PERIOD 7.89SEC	
PERIOD (SEC)			
HEIGHT (M)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL		
14.75			3 25 28
13.75			3 16 19
12.75			4 28 16 48
11.75			19 34 4 57
10.75			12 61 63 136
9.75			46 215 25 286
8.75			15 263 255 533
7.75			264 1016 31 1311
6.75			164 1879 649 2692
5.75			11 2148 2983 5142
4.75			1722 8016 160 1 1 9900
3.75			673 15379 3761 91 13 19917
2.75			19 23632 17929 2072 131 14 2 43799
1.75			18531 42519 11754 1921 128 9 74862
0.75			62 14091 13409 3351 257 3 31173
0.00			1 1
TOTAL			0 62 32642 80233 50146 18339 5654 2023 588 156 61 189304
MAX			0.00 1.60 2.80 4.30 5.80 7.60 9.20 11.70 13.20 17.80 34.20

DATE (MAX HEIGHT) 00h 07-FEB-83



1980-1989 Spring

AREA M14W (30.0N-35.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 3.00 M MEAN OF WAVE PERIOD 7.96SEC	
PERIOD (SEC)			
HEIGHT (M)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL		
14.75			0
13.75			2 1 3
12.75			4 1 5
11.75			5 3 8
10.75			1 9 6 16
9.75			9 38 5 52
8.75			3 59 46 108
7.75			46 243 6 295
6.75			37 448 144 629
5.75			1 498 697 1196
4.75			432 1997 35 1 2465
3.75			201 4001 829 20 3 5134
2.75			8 6713 4002 562 31 6 12122
1.75			4007 12532 3743 629 27 20938
0.75			5 1274 2425 1081 83 1 4869
0.00			0
TOTAL			0 5 5289 21871 14140 4635 1308 466 104 20 2 47840
MAX			0.00 1.50 2.80 4.30 5.80 7.40 9.20 10.80 12.30 13.90 13.80

DATE (MAX HEIGHT) 18h 26-APR-85

1980-1989 Summer

AREA M14W (30.0N-35.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 2.12 M MEAN OF WAVE PERIOD 7.21SEC	
PERIOD (SEC)			
HEIGHT (M)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL		
14.75			0
13.75			0
12.75			0
11.75			0
10.75			0
9.75			0
8.75			0
7.75			4 2 6
6.75			2 42 44
5.75			94 48 142
4.75			93 417 2 512
3.75			27 1605 121 1753
2.75			1 4506 1555 16 6078
1.75			8817 10505 1027 55 20404
0.75			42 10256 7421 1134 47 18900
0.00			1
TOTAL			0 42 19075 22459 5414 752 96 2 0 0 0 47840
MAX			0.00 1.60 2.80 4.00 5.70 7.30 7.90 8.40 0.00 0.00 0.00

DATE (MAX HEIGHT) 18h 19-AUG-80

1980-1989 Autumn

AREA M14W (30.0N-35.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 2.72 M MEAN OF WAVE PERIOD 7.77SEC	
PERIOD (SEC)			
HEIGHT (M)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL		
14.75			0
13.75			0
12.75			0
11.75			0
10.75			2 3 2 7
9.75			1 8 1 10
8.75			2 14 27 43
7.75			31 65 1 97
6.75			12 200 64 276
5.75			281 390 671
4.75			294 1319 18 1631
3.75			147 3411 627 7 1 4193
2.75			6 6555 4130 391 40 8 2 11132
1.75			4817 13147 3627 603 63 9 22266
0.75			15 2489 3361 1020 108 1 6994
0.00			0
TOTAL			0 15 7312 23210 12482 3341 752 164 41 3 0 47320
MAX			0.00 1.60 2.80 4.30 5.70 7.40 9.10 11.20 11.70 11.00 0.00

DATE (MAX HEIGHT) 06h 30-OCT-86

1980-1989 Winter

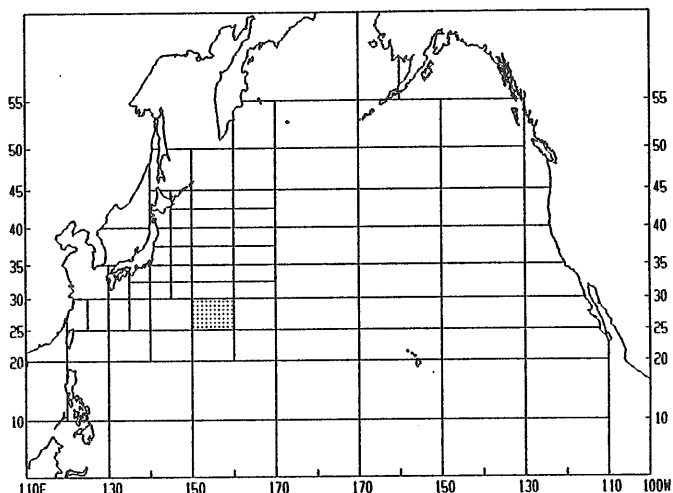
AREA M14W (30.0N-35.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 3.98 M MEAN OF WAVE PERIOD 8.64SEC	
PERIOD (SEC)			
HEIGHT (M)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL		
14.75			3 25 28
13.75			1 15 16
12.75			4 24 15 43
11.75			14 31 4 49
10.75			9 49 55 113
9.75			36 169 19 224
8.75			10 190 182 382
7.75			183 706 24 913
6.75			113 1189 441 1743
5.75			10 1275 1848 3133
4.75			903 4283 105 1 5292
3.75			298 6282 2184 64 9 8837
2.75			4 5858 7442 1103 60 14467
1.75			890 6335 3357 634 38 11254
0.75			72 202 116 19 1 410
0.00			0
TOTAL			0 0 966 12693 18110 9611 3498 1391 443 133 59 46904
MAX			0.00 0.00 2.80 4.30 5.80 7.60 9.20 11.70 13.20 17.80 34.20

DATE (MAX HEIGHT) 00h 07-FEB-83

1980-1989 All seasons

AREA M15 (25.0N-30.0N, 150.0E-160.0E)		PERIOD (SEC)										MEAN OF WAVE HEIGHT 2.41 M	MEAN OF WAVE PERIOD 7.46SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL	
14.75-												3	3
13.75-													0
12.75-											4	2	6
11.75-									3	3			6
10.75-								1	14	3			18
9.75-								4	7				11
8.75-									21	7			28
7.75-							27	67					94
6.75-					18	201	41						260
5.75-				1	315	347							663
4.75-					346	1632	20	1		2	1		2002
3.75-					170	4526	669	23	6	2	1		5397
2.75-				15	10252	5389	349	16	2				16023
1.75-				11786	22924	4270	368	21	1				39370
0.75-			243	12446	9353	1534	75	1					23712
0.00-			5	49	1								55
TOTAL	0	248	24296	42700	16126	3426	656	144	33	13	6		87648
MAX	0.00	1.70	2.90	4.20	5.80	7.40	8.70	10.80	12.20	13.60	17.00		

DATE (MAX HEIGHT) 18h 11-SEP-87



1980-1989 Spring

AREA M15 (25.0N-30.0N, 150.0E-160.0E)		PERIOD (SEC)										MEAN OF WAVE HEIGHT 2.48 M	MEAN OF WAVE PERIOD 7.49SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL	
14.75-													0
13.75-													0
12.75-													0
11.75-													0
10.75-										1			1
9.75-													0
8.75-									3	1			4
7.75-								6	10				16
6.75-						5	39	8					52
5.75-						77	94						171
4.75-					96	381	5						482
3.75-				54	1198	158	5	2					1417
2.75-			7	2915	1382	95	2	1					4402
1.75-			3174	6592	1032	77	11	1					10887
0.75-		27	2159	2058	375	28	1						4648
0.00-													0
TOTAL	0	27	5340	11619	4083	821	163	25	2	0	0		22080
MAX	0.00	1.60	2.90	4.20	5.70	6.90	8.40	9.70	11.10	0.00	0.00		

DATE (MAX HEIGHT) 12h 23-APR-89

1980-1989 Summer

AREA M15 (25.0N-30.0N, 150.0E-160.0E)		PERIOD (SEC)										MEAN OF WAVE HEIGHT 1.95 M	MEAN OF WAVE PERIOD 7.05SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL	
14.75-													0
13.75-													0
12.75-											1		1
11.75-													0
10.75-											2		2
9.75-										1	1		2
8.75-											9	2	11
7.75-										4	16		20
6.75-										1	32	6	39
5.75-										26	32		58
4.75-										17	142	1	161
3.75-										7	468	52	535
2.75-										1542	385	20	1951
1.75-										3892	3935	311	8177
0.75-										187	7213	3349	11083
0.00-										5	35		40
TOTAL	0	192	11140	8833	1496	293	85	34	6	1	0		22080
MAX	0.00	1.70	2.70	3.90	5.40	6.80	8.20	10.30	11.50	13.40	0.00		

DATE (MAX HEIGHT) 12h 16-AUG-86

1980-1989 Autumn

AREA M15 (25.0N-30.0N, 150.0E-160.0E)		PERIOD (SEC)										MEAN OF WAVE HEIGHT 2.33 M	MEAN OF WAVE PERIOD 7.46SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL	
14.75-												3	3
13.75-													0
12.75-											3	2	5
11.75-										3	3		6
10.75-									1	11	3		15
9.75-									3	4			7
8.75-									6	1			7
7.75-								4	7				11
6.75-						3	34	5					42
5.75-						38	42						80
4.75-						42	325	6			2	1	376
3.75-					16	948	154	10	3	1	1		1133
2.75-				2	2372	1139	96	5	1				3615
1.75-				2998	5952	1111	99						10160
0.75-		29	2711	2976	627	22							6365
0.00-			14	1									15
TOTAL	0	29	5725	11317	3867	737	101	26	20	12	6		21840
MAX	0.00	1.60	2.80	4.20	5.40	6.90	8.70	10.80	12.20	13.60	17.00		

DATE (MAX HEIGHT) 18h 11-SEP-87

1980-1989 Winter

AREA M15 (25.0N-30.0N, 150.0E-160.0E)		PERIOD (SEC)										MEAN OF WAVE HEIGHT 2.90 M	MEAN OF WAVE PERIOD 7.86SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL	
14.75-													0
13.75-													0
12.75-													0
11.75-													0
10.75-													0
9.75-												2	2
8.75-											3	3	6
7.75-											13	34	47
6.75-										9	96	22	127
5.75-										1	174	179	354
4.75-										191	784	8	983
3.75-										93	1912	305	2312
2.75-										6	3423	2483	6055
1.75-										1722	6445	1816	10146
0.75-										363	970	277	1616
0.00-													0
TOTAL	0	0	2091	10931	6680	1575	307	59	5	0	0		21648
MAX	0.00	0.00	2.80	4.20	5.80	7.40	8.30	9.50	10.30	0.00	0.00		

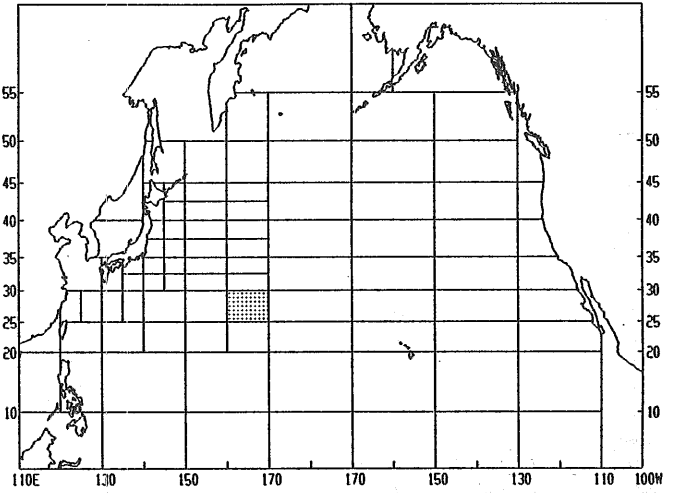
DATE (MAX HEIGHT) 06h 19-FEB-82

1980-1989 All seasons

AREA M16 (25.0N-30.0N, 160.0E-170.0E) MEAN OF WAVE HEIGHT 2.36 M
 MEAN OF WAVE PERIOD 7.44SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-											1	1
13.75-										2		2
12.75-										1		1
11.75-									2			2
10.75-								2	1			3
9.75-								4	6			10
8.75-								13	3			16
7.75-							18	67	2			87
6.75-						17	157	36				210
5.75-					1	229	308					538
4.75-					246	1432	13					1691
3.75-				137	4195	682	2					5016
2.75-			13	9360	5394	277	18					15062
1.75-			12013	22320	4486	476	37					39332
0.75-			159	13541	9870	1891	184	1				25646
0.00-					31							31
TOTAL	0	159	25598	41687	16213	3297	554	122	14	3	1	87648
MAX	0.00	1.60	2.90	4.30	5.80	7.20	8.60	11.30	12.10	14.40	14.90	

DATE (MAX HEIGHT) 00h 14-SEP-87



1980-1989 Spring

AREA M16 (25.0N-30.0N, 160.0E-170.0E) MEAN OF WAVE HEIGHT 2.42 M
 MEAN OF WAVE PERIOD 7.49SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-												0
10.75-												0
9.75-												0
8.75-									2			2
7.75-							7	16	1			24
6.75-						4	30	10				44
5.75-					1	51	54					106
4.75-					60	352	4					416
3.75-					37	1045	160					1242
2.75-				5	2694	1323	53	2				4077
1.75-				2974	7131	1147	93	3				11348
0.75-				12	1973	2303	489	44				4821
0.00-												0
TOTAL	0	12	4952	12165	4065	757	100	28	1	0	0	22080
MAX	0.00	1.50	2.90	4.20	5.80	7.20	8.40	8.90	8.60	0.00	0.00	

DATE (MAX HEIGHT) 00h 05-APR-85

1980-1989 Summer

AREA M16 (25.0N-30.0N, 160.0E-170.0E) MEAN OF WAVE HEIGHT 1.83 M
 MEAN OF WAVE PERIOD 6.93SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-												0
10.75-												0
9.75-												0
8.75-												0
7.75-										5		5
6.75-									16	1		17
5.75-									12	27		39
4.75-									5	70		75
3.75-									7	299	25	331
2.75-									1055	278	3	1336
1.75-									4745	2781	190	7732
0.75-									99	8429	3599	12517
0.00-										28		28
TOTAL	0	99	13202	7442	1138	149	44	6	0	0	0	22080
MAX	0.00	1.60	2.70	3.90	5.10	6.30	7.40	8.30	0.00	0.00	0.00	

DATE (MAX HEIGHT) 00h 19-AUG-86

1980-1989 Autumn

AREA M16 (25.0N-30.0N, 160.0E-170.0E) MEAN OF WAVE HEIGHT 2.32 M
 MEAN OF WAVE PERIOD 7.47SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-											1	1
13.75-										2		2
12.75-										1		1
11.75-										2		2
10.75-										1		1
9.75-									2	5		7
8.75-										9		9
7.75-										3	22	25
6.75-						2	34	13				49
5.75-							38	69				107
4.75-							31	334	2			367
3.75-							10	1004	152			1166
2.75-							4	2209	1254	53	1	3521
1.75-							2828	5939	943	102	8	9820
0.75-							47	2868	3078	670	95	6759
0.00-												3
TOTAL	0	47	5703	11236	3902	776	118	46	8	3	1	21840
MAX	0.00	1.50	2.80	4.20	5.60	7.00	8.10	10.40	12.10	14.40	14.90	

DATE (MAX HEIGHT) 00h 14-SEP-87

1980-1989 Winter

AREA M16 (25.0N-30.0N, 160.0E-170.0E) MEAN OF WAVE HEIGHT 2.87 M
 MEAN OF WAVE PERIOD 7.90SEC

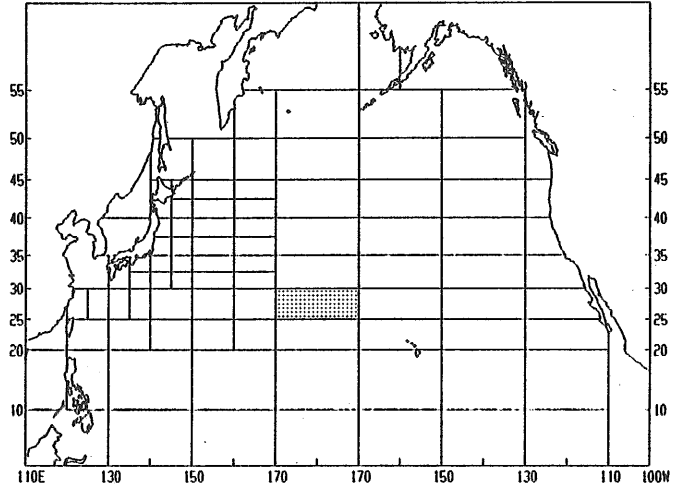
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-												0
10.75-										2		2
9.75-										2	1	3
8.75-										2	3	5
7.75-										8	24	33
6.75-										11	77	100
5.75-										128	158	286
4.75-										150	676	833
3.75-										83	1847	2277
2.75-										4	3402	6128
1.75-										1466	6469	10432
0.75-										1	271	1549
0.00-												0
TOTAL	0	1	1741	10844	7108	1615	292	42	5	0	0	21648
MAX	0.00	1.40	2.80	4.30	5.70	7.10	8.60	11.30	9.90	0.00	0.00	

DATE (MAX HEIGHT) 00h 19-FEB-84

1980-1989 All seasons

AREA M17M (25.0N-30.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 2.37 M MEAN OF WAVE PERIOD 7.53SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			1
12.75-			3
11.75-			6
10.75-			21
9.75-			35
8.75-			98
7.75-			244
6.75-			626
5.75-			1623
4.75-			4239
3.75-			11466
2.75-			34340
1.75-			91104
0.75-			63992
0.00-			14
TOTAL			204512
MAX			

DATE (MAX HEIGHT) 00h 22-FEB-86



1980-1989 Spring

AREA M17M (25.0N-30.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 2.41 M MEAN OF WAVE PERIOD 7.60SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			1
10.75-			3
9.75-			6
8.75-			16
7.75-			47
6.75-			121
5.75-			339
4.75-			898
3.75-			2750
2.75-			9111
1.75-			27151
0.75-			11077
0.00-			0
TOTAL			51520
MAX			

DATE (MAX HEIGHT) 00h 27-APR-85

1980-1989 Summer

AREA M17M (25.0N-30.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 1.78 M MEAN OF WAVE PERIOD 6.95SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			0
7.75-			0
6.75-			0
5.75-			9
4.75-			93
3.75-			354
2.75-			2576
1.75-			18627
0.75-			29848
0.00-			13
TOTAL			51520
MAX			

DATE (MAX HEIGHT) 00h 19-AUG-88

1980-1989 Autumn

AREA M17M (25.0N-30.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 2.27 M MEAN OF WAVE PERIOD 7.513SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			2
8.75-			19
7.75-			28
6.75-			70
5.75-			254
4.75-			741
3.75-			2511
2.75-			7778
1.75-			23209
0.75-			16347
0.00-			1
TOTAL			50960
MAX			

DATE (MAX HEIGHT) 12h 29-SEP-87

1980-1989 Winter

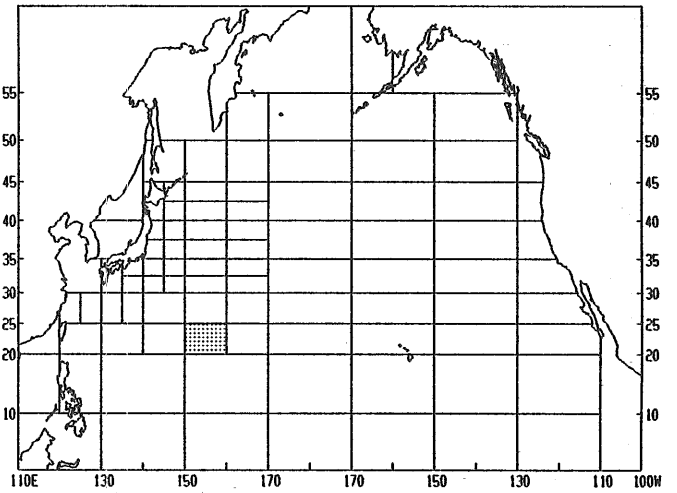
AREA M17M (25.0N-30.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 3.02 M MEAN OF WAVE PERIOD 8.07SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			1
12.75-			3
11.75-			5
10.75-			18
9.75-			27
8.75-			63
7.75-			169
6.75-			435
5.75-			1021
4.75-			2507
3.75-			5851
2.75-			14875
1.75-			22817
0.75-			2720
0.00-			0
TOTAL			50512
MAX			

DATE (MAX HEIGHT) 00h 22-FEB-86

1980-1989 All seasons

AREA M18 (20.0N-25.0N, 150.0E-160.0E)		MEAN OF WAVE HEIGHT 2.14 M MEAN OF WAVE PERIOD 7.25SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			3
13.75-			3
12.75-			4
11.75-			4
10.75-			5
9.75-			5
8.75-			6
7.75-			24
6.75-			71
5.75-			163
4.75-			443
3.75-			1383
2.75-			3884
1.75-			14639
0.75-			53380
0.00-			42653
TOTAL			116064
MAX			197
	0.00 1.60 2.90 4.20 5.80 6.80 8.60 10.30 12.80 14.60 15.30		

DATE (MAX HEIGHT) 06h 13-SEP-87



1980-1989 Spring

AREA M18 (20.0N-25.0N, 150.0E-160.0E)		MEAN OF WAVE HEIGHT 2.21 M MEAN OF WAVE PERIOD 7.30SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			4
7.75-			21
6.75-			33
5.75-			121
4.75-			346
3.75-			1081
2.75-			4000
1.75-			14500
0.75-			9323
0.00-			11
TOTAL			29440
MAX			0.00
	0.00 1.50 2.80 4.20 5.10 6.80 8.40 8.90 8.90 0.00 0.00		

DATE (MAX HEIGHT) 06h 01-MAR-89

1980-1989 Summer

AREA M18 (20.0N-25.0N, 150.0E-160.0E)		MEAN OF WAVE HEIGHT 1.72 M MEAN OF WAVE PERIOD 6.84SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			1
10.75-			1
9.75-			0
8.75-			3
7.75-			11
6.75-			37
5.75-			79
4.75-			136
3.75-			363
2.75-			1408
1.75-			8405
0.75-			18844
0.00-			152
TOTAL			29440
MAX			0.00
	0.00 1.60 2.70 3.90 5.40 6.60 8.40 9.40 12.00 0.00 0.00		

DATE (MAX HEIGHT) 00h 05-AUG-89

1980-1989 Autumn

AREA M18 (20.0N-25.0N, 150.0E-160.0E)		MEAN OF WAVE HEIGHT 2.20 M MEAN OF WAVE PERIOD 7.29SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			3
13.75-			3
12.75-			4
11.75-			4
10.75-			4
9.75-			5
8.75-			17
7.75-			25
6.75-			38
5.75-			84
4.75-			408
3.75-			1096
2.75-			4005
1.75-			13524
0.75-			9865
0.00-			34
TOTAL			29120
MAX			0.00
	0.00 1.60 2.70 3.80 5.30 6.50 8.60 10.10 12.80 14.60 15.30		

DATE (MAX HEIGHT) 06h 13-SEP-87

1980-1989 Winter

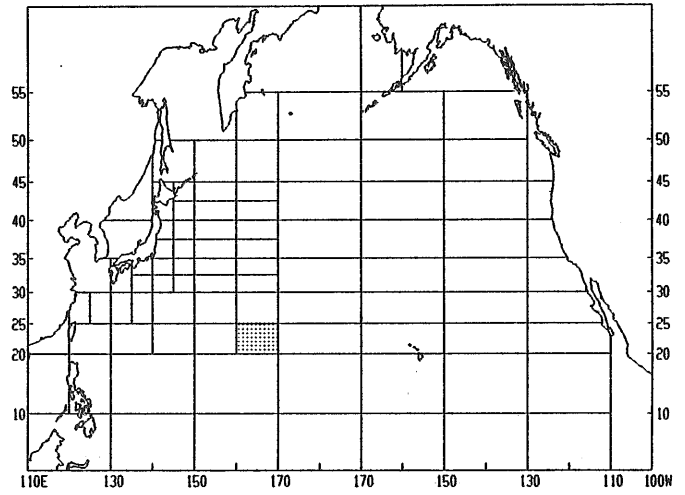
AREA M18 (20.0N-25.0N, 150.0E-160.0E)		MEAN OF WAVE HEIGHT 2.43 M MEAN OF WAVE PERIOD 7.56SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			1
8.75-			0
7.75-			14
6.75-			55
5.75-			159
4.75-			493
3.75-			1344
2.75-			5226
1.75-			16951
0.75-			4621
0.00-			0
TOTAL			28864
MAX			0.00
	0.00 1.60 2.90 4.10 5.80 6.60 8.30 10.30 0.00 0.00 0.00		

DATE (MAX HEIGHT) 12h 17-JAN-90

1980-1989 All seasons

AREA M19 (20.0N-25.0N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 2.18 M MEAN OF WAVE PERIOD 7.25SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			1
9.75-			2
8.75-			5
7.75-			13
6.75-			27
5.75-			106
4.75-			348
3.75-			1263
2.75-			4092
1.75-			13503
0.75-			47277
0.00-			35555
TOTAL			66
MAX	0.00 1.60 2.80 4.00 5.60 6.90 8.30 9.00 10.80 0.00 0.00		102256

DATE (MAX HEIGHT) 00h 17-NOV-89



1980-1989 Spring

AREA M19 (20.0N-25.0N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 2.31 M MEAN OF WAVE PERIOD 7.34SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			0
7.75-			13
6.75-			34
5.75-			94
4.75-			306
3.75-			1152
2.75-			4177
1.75-			13827
0.75-			6156
0.00-			0
TOTAL			25760
MAX	0.00 1.60 2.60 4.00 5.20 6.50 7.90 8.70 0.00 0.00 0.00		25760

DATE (MAX HEIGHT) 00h 02-MAR-89

1980-1989 Summer

AREA M19 (20.0N-25.0N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 1.73 M MEAN OF WAVE PERIOD 6.73SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			0
7.75-			6
6.75-			16
5.75-			32
4.75-			72
3.75-			201
2.75-			896
1.75-			8667
0.75-			15819
0.00-			51
TOTAL			25760
MAX	0.00 1.60 2.70 3.90 5.20 6.70 7.60 8.70 0.00 0.00 0.00		25760

DATE (MAX HEIGHT) 06h 19-AUG-86

1980-1989 Autumn

AREA M19 (20.0N-25.0N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 2.22 M MEAN OF WAVE PERIOD 7.27SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			1
9.75-			2
8.75-			13
7.75-			9
6.75-			30
5.75-			123
4.75-			379
3.75-			1148
2.75-			3471
1.75-			11589
0.75-			8700
0.00-			15
TOTAL			25480
MAX	0.00 1.60 2.80 3.80 5.30 6.40 8.30 9.00 10.80 0.00 0.00		25480

DATE (MAX HEIGHT) 00h 17-NOV-89

1980-1989 Winter

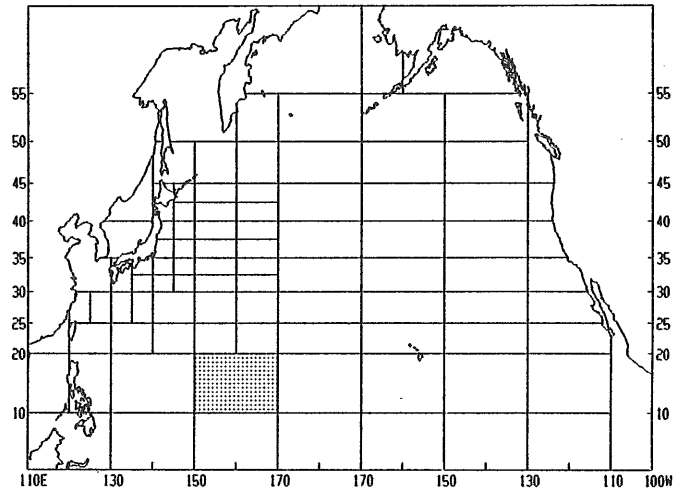
AREA M19 (20.0N-25.0N, 160.0E-170.0E)		MEAN OF WAVE HEIGHT 2.46 M MEAN OF WAVE PERIOD 7.64SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			0
7.75-			1
6.75-			26
5.75-			99
4.75-			506
3.75-			1591
2.75-			4959
1.75-			13194
0.75-			4880
0.00-			0
TOTAL			25256
MAX	0.00 0.00 2.80 4.00 5.60 6.90 7.60 8.10 0.00 0.00 0.00		25256

DATE (MAX HEIGHT) 18h 28-FEB-89

1980-1989 All seasons

AREA M21 (10.0N-20.0N, 150.0E-170.0E)		PERIOD (SEC)		MEAN OF WAVE HEIGHT 2.02 M MEAN OF WAVE PERIOD 6.99SEC								
HEIGHT (M)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14-	TOTAL										
14.75-		0										
13.75-		0										
12.75-		0										
11.75-		0										
10.75-		0										
9.75-		1										
8.75-		1										
7.75-		3										
6.75-		43										
5.75-		195										
4.75-		702										
3.75-		2801										
2.75-		12226										
1.75-		55597										
0.75-		196897										
0.00-		2125										
TOTAL		482064										
MAX	0.00 1.60 2.80 3.90 5.40 7.00 8.30 10.10 11.60 3.00 0.00											

DATE (MAX HEIGHT) 12h 12-SEP-88



1980-1989 Spring

AREA M21 (10.0N-20.0N, 150.0E-170.0E)		PERIOD (SEC)		MEAN OF WAVE HEIGHT 2.21 M MEAN OF WAVE PERIOD 7.10SEC								
HEIGHT (M)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14-	TOTAL										
14.75-		0										
13.75-		0										
12.75-		0										
11.75-		0										
10.75-		0										
9.75-		0										
8.75-		0										
7.75-		12										
6.75-		43										
5.75-		96										
4.75-		570										
3.75-		3162										
2.75-		10205										
1.75-		67260										
0.75-		32072										
0.00-		20										
TOTAL		121440										
MAX	0.00 1.60 2.60 3.90 5.20 6.90 8.10 9.50 0.00 0.00 0.00											

DATE (MAX HEIGHT) 00h 22-APR-89

1980-1989 Summer

AREA M21 (10.0N-20.0N, 150.0E-170.0E)		PERIOD (SEC)		MEAN OF WAVE HEIGHT 1.60 M MEAN OF WAVE PERIOD 6.55SEC								
HEIGHT (M)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14-	TOTAL										
14.75-		0										
13.75-		0										
12.75-		0										
11.75-		0										
10.75-		0										
9.75-		0										
8.75-		0										
7.75-		4										
6.75-		21										
5.75-		73										
4.75-		174										
3.75-		490										
2.75-		3035										
1.75-		35152										
0.75-		81397										
0.00-		1094										
TOTAL		121440										
MAX	0.00 1.60 2.70 3.80 5.20 6.50 7.80 8.30 0.00 0.00 0.00											

DATE (MAX HEIGHT) 00h 17-AUG-81

1980-1989 Autumn

AREA M21 (10.0N-20.0N, 150.0E-170.0E)		PERIOD (SEC)		MEAN OF WAVE HEIGHT 1.87 M MEAN OF WAVE PERIOD 6.99SEC								
HEIGHT (M)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14-	TOTAL										
14.75-		0										
13.75-		0										
12.75-		0										
11.75-		0										
10.75-		1										
9.75-		2										
8.75-		3										
7.75-		18										
6.75-		53										
5.75-		172										
4.75-		525										
3.75-		1891										
2.75-		9770										
1.75-		47877										
0.75-		58798										
0.00-		1010										
TOTAL		120120										
MAX	0.00 1.60 2.60 3.80 5.40 7.00 8.30 10.10 11.60 3.00 0.00											

DATE (MAX HEIGHT) 12h 12-SEP-88

1980-1989 Winter

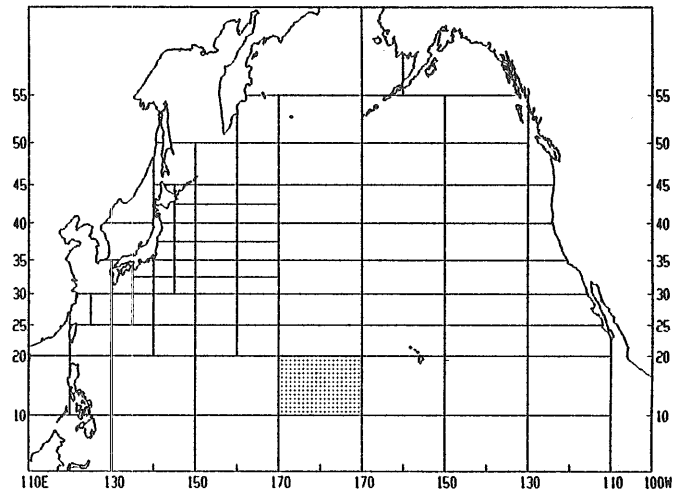
AREA M21 (10.0N-20.0N, 150.0E-170.0E)		PERIOD (SEC)		MEAN OF WAVE HEIGHT 2.41 M MEAN OF WAVE PERIOD 7.35SEC								
HEIGHT (M)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14-	TOTAL										
14.75-		0										
13.75-		0										
12.75-		0										
11.75-		0										
10.75-		0										
9.75-		0										
8.75-		0										
7.75-		9										
6.75-		78										
5.75-		361										
4.75-		1532										
3.75-		6683										
2.75-		24587										
1.75-		61183										
0.75-		24630										
0.00-		1										
TOTAL		119064										
MAX	0.00 1.50 2.80 3.90 5.10 6.80 8.30 9.30 0.00 0.00 0.00											

DATE (MAX HEIGHT) 12h 12-JAN-90

1980-1989 All seasons

AREA M22W (10.0N-20.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 2.12 M MEAN OF WAVE PERIOD 7.08SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			10
8.75-			21 40
7.75-			4 59 4
6.75-			113 62
5.75-			192 664
4.75-			111 4108 46 1
3.75-			16 12932 2174 19 16 5
2.75-			2 42857 17084 165 24 11
1.75-			106328106399 3800 531 132 19
0.75-			1740126821 33878 5892 787 159 18
0.00-			2 70 131 9
TOTAL			0 174223322 1183281 39828 7957 1161 206 60 0 0 467456
MAX			0.00 1.60 2.80 4.00 5.30 6.40 8.10 9.50 10.20 0.00 0.00

DATE (MAX HEIGHT) 18h 16-NOV-89



1980-1989 Spring

AREA M22W (10.0N-20.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 2.39 M MEAN OF WAVE PERIOD 7.28SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			0
7.75-			0
6.75-			0
5.75-			41 112
4.75-			24 1200 8
3.75-			7 4947 709
2.75-			16994 6737 24 8 3
1.75-			26769 35185 1104 201 66 13
0.75-			33 15210 5627 1316 323 97 2
0.00-			0
TOTAL			0 33 41979 58813 14128 2498 291 18 0 0 0 117760
MAX			0.00 1.50 2.60 3.90 5.00 6.00 6.60 3.00 0.00 0.00 0.00

DATE (MAX HEIGHT) 00h 14-MAR-85

1980-1989 Summer

AREA M22W (10.0N-20.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 1.78 M MEAN OF WAVE PERIOD 6.65SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			0
7.75-			0
6.75-			0
5.75-			0
4.75-			0
3.75-			106
2.75-			4609 475
1.75-			35769 14528 21 2
0.75-			1282 56354 4256 311 11
0.00-			2 6 25 3
TOTAL			0 1284 92129 23418 916 13 0 0 0 0 0 117760
MAX			0.00 1.60 2.70 3.60 4.40 1.80 0.00 0.00 0.00 0.00 0.00

DATE (MAX HEIGHT) 12h 13-AUG-86

1980-1989 Autumn

AREA M22W (10.0N-20.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 1.90 M MEAN OF WAVE PERIOD 6.97SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			10
8.75-			21 40
7.75-			4 59 4
6.75-			46 29
5.75-			41 171
4.75-			13 623 10 1
3.75-			1621 312 18 16 5
2.75-			1 6849 2380 77 12 8
1.75-			24754 19481 814 152 40 5
0.75-			422 43890 12275 1761 272 54 16
0.00-			63 104 6
TOTAL			0 422 68708 38709 6595 1477 355 154 60 0 0 116480
MAX			0.00 1.50 2.80 3.70 5.10 6.40 8.10 9.50 10.20 0.00 0.00

DATE (MAX HEIGHT) 18h 16-NOV-89

1980-1989 Winter

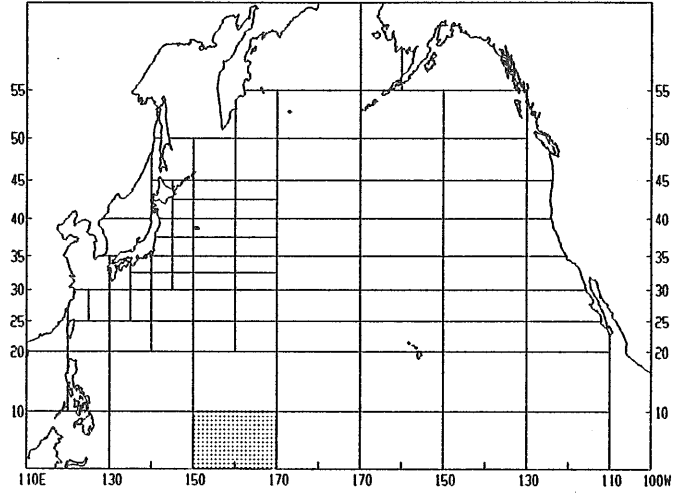
AREA M22W (10.0N-20.0N, 170.0E-170.0W)		MEAN OF WAVE HEIGHT 2.42 M MEAN OF WAVE PERIOD 7.43SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			0
7.75-			0
6.75-			67 33
5.75-			110 381
4.75-			74 2285 28
3.75-			9 6258 1153 1
2.75-			1 14405 7492 64 4
1.75-			19036 36205 1861 176 26 1
0.75-			3 11367 11720 2504 181 8
0.00-			1 2
TOTAL			0 3 30405 62341 18189 3969 515 34 0 0 0 115456
MAX			0.00 1.20 2.80 4.00 5.30 6.40 7.70 7.70 0.00 0.00 0.00

DATE (MAX HEIGHT) 12h 19-JAN-87

1980-1989 All seasons

AREA M23 (0.0N-10.0N, 150.0E-170.0E)		MEAN OF WAVE HEIGHT 1.41 M MEAN OF WAVE PERIOD 6.78SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			0
7.75-			0
6.75-			1
5.75-			10
4.75-			24
3.75-			274
2.75-			5520
1.75-			77324
0.75-			259653
0.00-			22394
TOTAL			365200
MAX			

DATE (MAX HEIGHT) 00h 12-JAN-90



1980-1989 Spring

AREA M23 (0.0N-10.0N, 150.0E-170.0E)		MEAN OF WAVE HEIGHT 1.60 M MEAN OF WAVE PERIOD 6.81SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			0
7.75-			0
6.75-			0
5.75-			0
4.75-			1
3.75-			74
2.75-			1756
1.75-			27807
0.75-			61747
0.00-			615
TOTAL			92000
MAX			

DATE (MAX HEIGHT) 00h 28-MAR-87

1980-1989 Summer

AREA M23 (0.0N-10.0N, 150.0E-170.0E)		MEAN OF WAVE HEIGHT 1.12 M MEAN OF WAVE PERIOD 6.47SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			0
7.75-			0
6.75-			0
5.75-			0
4.75-			0
3.75-			7
2.75-			120
1.75-			5213
0.75-			74840
0.00-			11820
TOTAL			92000
MAX			

DATE (MAX HEIGHT) 06h 27-JUL-82

1980-1989 Autumn

AREA M23 (0.0N-10.0N, 150.0E-170.0E)		MEAN OF WAVE HEIGHT 1.18 M MEAN OF WAVE PERIOD 6.87SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			0
7.75-			0
6.75-			0
5.75-			0
4.75-			2
3.75-			7
2.75-			280
1.75-			7271
0.75-			73706
0.00-			9734
TOTAL			91000
MAX			

DATE (MAX HEIGHT) 00h 22-NOV-89

1980-1989 Winter

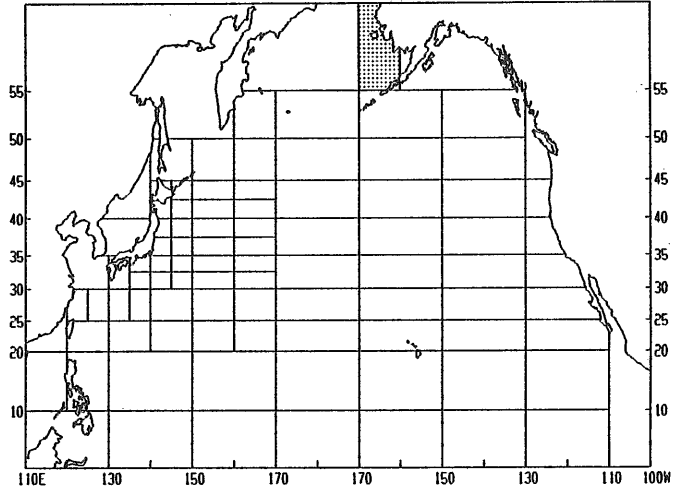
AREA M23 (0.0N-10.0N, 150.0E-170.0E)		MEAN OF WAVE HEIGHT 1.76 M MEAN OF WAVE PERIOD 6.97SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			0
7.75-			0
6.75-			1
5.75-			10
4.75-			21
3.75-			186
2.75-			3364
1.75-			37033
0.75-			49360
0.00-			225
TOTAL			90200
MAX			

DATE (MAX HEIGHT) 00h 12-JAN-90

1980-1989 All seasons

AREA W01 (55.0N-65.0N, 170.0W-160.0W)		MEAN OF WAVE HEIGHT 2.58 M MEAN OF WAVE PERIOD 7.62SEC	
HEIGHT (M)	PERIOD (SEC)	0-	TOTAL
14.75			4
13.75			5
12.75			8
11.75			16
10.75			18
9.75			42
8.75			69
7.75			157
6.75			377
5.75			957
4.75			2125
3.75			4995
2.75			11644
1.75			21938
0.75			15618
0.00			457
TOTAL			58432
MAX			

DATE (MAX HEIGHT) 18h 03-FEB-89



1980-1989 Spring

AREA W01 (55.0N-65.0N, 170.0W-160.0W)		MEAN OF WAVE HEIGHT 2.44 M MEAN OF WAVE PERIOD 7.53SEC	
HEIGHT (M)	PERIOD (SEC)	0-	TOTAL
14.75			0
13.75			0
12.75			0
11.75			0
10.75			0
9.75			7
8.75			12
7.75			32
6.75			61
5.75			171
4.75			382
3.75			1143
2.75			2782
1.75			5699
0.75			4282
0.00			149
TOTAL			14720
MAX			

DATE (MAX HEIGHT) 18h 06-MAY-85

1980-1989 Summer

AREA W01 (55.0N-65.0N, 170.0W-160.0W)		MEAN OF WAVE HEIGHT 2.07 M MEAN OF WAVE PERIOD 7.37SEC	
HEIGHT (M)	PERIOD (SEC)	0-	TOTAL
14.75			0
13.75			0
12.75			0
11.75			0
10.75			0
9.75			0
8.75			0
7.75			3
6.75			6
5.75			24
4.75			123
3.75			485
2.75			2054
1.75			6059
0.75			5805
0.00			161
TOTAL			14720
MAX			

DATE (MAX HEIGHT) 00h 20-JUL-86

1980-1989 Autumn

AREA W01 (55.0N-65.0N, 170.0W-160.0W)		MEAN OF WAVE HEIGHT 2.73 M MEAN OF WAVE PERIOD 7.65SEC	
HEIGHT (M)	PERIOD (SEC)	0-	TOTAL
14.75			0
13.75			0
12.75			0
11.75			1
10.75			1
9.75			8
8.75			15
7.75			43
6.75			123
5.75			320
4.75			693
3.75			1447
2.75			3189
1.75			5387
0.75			3237
0.00			96
TOTAL			14560
MAX			

DATE (MAX HEIGHT) 00h 27-NOV-85

1980-1989 Winter

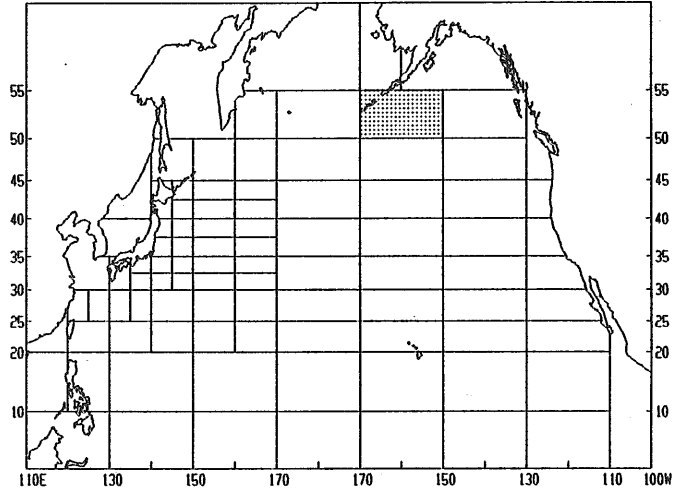
AREA W01 (55.0N-65.0N, 170.0W-160.0W)		MEAN OF WAVE HEIGHT 3.08 M MEAN OF WAVE PERIOD 7.92SEC	
HEIGHT (M)	PERIOD (SEC)	0-	TOTAL
14.75			4
13.75			7
12.75			8
11.75			15
10.75			17
9.75			27
8.75			42
7.75			79
6.75			187
5.75			442
4.75			927
3.75			1920
2.75			3619
1.75			4793
0.75			2294
0.00			51
TOTAL			14432
MAX			

DATE (MAX HEIGHT) 18h 03-FEB-89

1980-1989 All seasons

AREA W03 (50.0N-55.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 3.37 M MEAN OF WAVE PERIOD 8.26SEC										
HEIGHT (M)	PERIOD (SEC)											
14.75	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL											
13.75												
12.75												
11.75												
10.75												
9.75												
8.75												
7.75												
6.75												
5.75												
4.75												
3.75												
2.75												
1.75												
0.75												
0.00												
TOTAL												
MAX												

DATE (MAX HEIGHT) 00h 05-MAR-81



1980-1989 Spring

AREA W03 (50.0N-55.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 3.31 M MEAN OF WAVE PERIOD 8.23SEC										
HEIGHT (M)	PERIOD (SEC)											
14.75	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL											
13.75												
12.75												
11.75												
10.75												
9.75												
8.75												
7.75												
6.75												
5.75												
4.75												
3.75												
2.75												
1.75												
0.75												
0.00												
TOTAL												
MAX												

DATE (MAX HEIGHT) 00h 05-MAR-81

1980-1989 Summer

AREA W03 (50.0N-55.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 2.77 M MEAN OF WAVE PERIOD 7.80SEC										
HEIGHT (M)	PERIOD (SEC)											
14.75	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL											
13.75												
12.75												
11.75												
10.75												
9.75												
8.75												
7.75												
6.75												
5.75												
4.75												
3.75												
2.75												
1.75												
0.75												
0.00												
TOTAL												
MAX												

DATE (MAX HEIGHT) 12h 17-AUG-80

1980-1989 Autumn

AREA W03 (50.0N-55.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 3.53 M MEAN OF WAVE PERIOD 8.32SEC										
HEIGHT (M)	PERIOD (SEC)											
14.75	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL											
13.75												
12.75												
11.75												
10.75												
9.75												
8.75												
7.75												
6.75												
5.75												
4.75												
3.75												
2.75												
1.75												
0.75												
0.00												
TOTAL												
MAX												

DATE (MAX HEIGHT) 00h 19-SEP-88

1980-1989 Winter

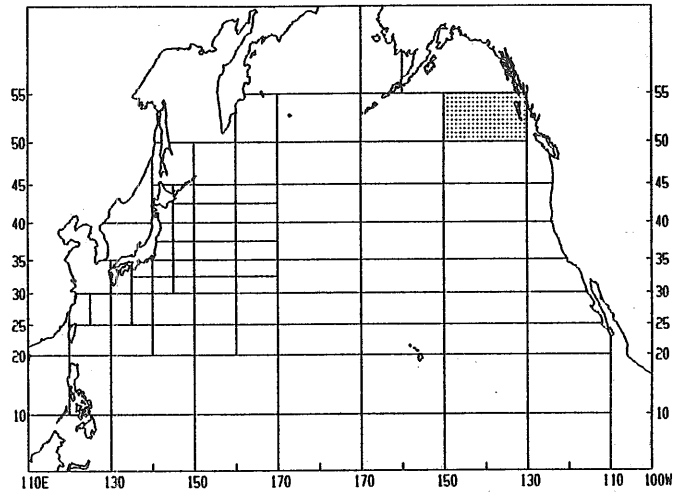
AREA W03 (50.0N-55.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 3.88 M MEAN OF WAVE PERIOD 8.69SEC										
HEIGHT (M)	PERIOD (SEC)											
14.75	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL											
13.75												
12.75												
11.75												
10.75												
9.75												
8.75												
7.75												
6.75												
5.75												
4.75												
3.75												
2.75												
1.75												
0.75												
0.00												
TOTAL												
MAX												

DATE (MAX HEIGHT) 00h 03-FEB-89

1980-1989 All seasons
 AREA W04 (50.0N-55.0N, 150.0W-130.0W) PERIOD (SEC) MEAN OF WAVE HEIGHT 3.25 M
 MEAN OF WAVE PERIOD 8.15SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-										3	1	4
12.75-									3	9		12
11.75-									13	17		30
10.75-									6	54	21	81
9.75-									68	127	4	199
8.75-									23	283	158	464
7.75-									316	838	13	1167
6.75-						125	1768	462				2355
5.75-					6	1888	2630					4584
4.75-					1184	6398	139	9	4			8334
3.75-					347	11600	3606	286	56	6	1	15902
2.75-					15	13762	14791	2481	297	18		31364
1.75-					7756	22977	6922	1057	114	8	3	38837
0.75-					161	5806	5694	1550	232	26		13469
0.00-					11	36	13	2				62
TOTAL	0	172	13613	42793	36055	16387	5659	1748	381	55	1	116864
MAX	0.00	1.70	2.90	4.30	5.80	7.60	9.60	11.10	12.80	13.80		

DATE (MAX HEIGHT) 00h 12-JAN-85



1980-1989 Spring
 AREA W04 (50.0N-55.0N, 150.0W-130.0W) PERIOD (SEC) MEAN OF WAVE HEIGHT 3.21 M
 MEAN OF WAVE PERIOD 8.15SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-											1	1
12.75-											3	3
11.75-										1	6	7
10.75-									18	3		21
9.75-									10	20	1	31
8.75-									2	43	29	74
7.75-									59	172	4	235
6.75-							31	403	106			540
5.75-					1	400	590					991
4.75-					296	1674	27	1	1			1999
3.75-					93	2936	853	67	10			3959
2.75-					1	3623	3850	669	85	5		8233
1.75-					1778	6305	2075	320	25			10503
0.75-					8	941	1390	432	64	1		2836
0.00-					2	3	2					7
TOTAL	0	8	2722	11414	9592	4011	1259	347	73	13	1	29440
MAX	0.00	1.50	2.80	4.20	5.80	7.60	9.10	10.70	11.80	13.60	13.80	

DATE (MAX HEIGHT) 00h 09-APR-88

1980-1989 Summer
 AREA W04 (50.0N-55.0N, 150.0W-130.0W) PERIOD (SEC) MEAN OF WAVE HEIGHT 2.51 M
 MEAN OF WAVE PERIOD 7.57SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL				
14.75-												0				
13.75-												0				
12.75-												0				
11.75-												0				
10.75-												0				
9.75-											2	2				
8.75-											2	5	7			
7.75-										8	24	32				
6.75-										3	73	18	94			
5.75-										124	153	277				
4.75-										90	801	9	900			
3.75-										32	1903	299	13	2247		
2.75-										5	3526	2338	223	15	6107	
1.75-										3387	7661	1388	151	16	12603	
0.75-										106	3562	2852	547	62	18	7147
0.00-										5	16	3				24
TOTAL	0	111	6970	14074	6266	1663	305	46	5	0	0	0	29440			
MAX	0.00	1.60	2.80	4.20	5.60	7.20	8.30	10.60	9.30	0.00	0.00					

DATE (MAX HEIGHT) 00h 04-JUN-88

1980-1989 Autumn
 AREA W04 (50.0N-55.0N, 150.0W-130.0W) PERIOD (SEC) MEAN OF WAVE HEIGHT 3.39 M
 MEAN OF WAVE PERIOD 8.23SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL	
14.75-												0	
13.75-											2	2	
12.75-											4	4	
11.75-										5	8	13	
10.75-										1	7	5	13
9.75-										25	29	54	
8.75-										6	72	30	108
7.75-										72	188	4	264
6.75-										41	461	117	619
5.75-						1	582	839				1422	
4.75-						350	1996	34	1			2381	
3.75-						110	3114	946	51	8	2	1	4232
2.75-						5	3518	4083	638	67	4		8315
1.75-						1776	5480	1786	267	29	2		9340
0.75-						21	920	1026	314	50			2331
0.00-						2	15	5					22
TOTAL	0	23	2716	10139	9648	4520	1559	418	77	20	0	29120	
MAX	0.00	1.70	2.90	4.20	5.80	7.50	9.60	11.10	12.30	13.80	0.00		

DATE (MAX HEIGHT) 00h 29-SEP-88

1980-1989 Winter
 AREA W04 (50.0N-55.0N, 150.0W-130.0W) PERIOD (SEC) MEAN OF WAVE HEIGHT 3.90 M
 MEAN OF WAVE PERIOD 8.64SEC

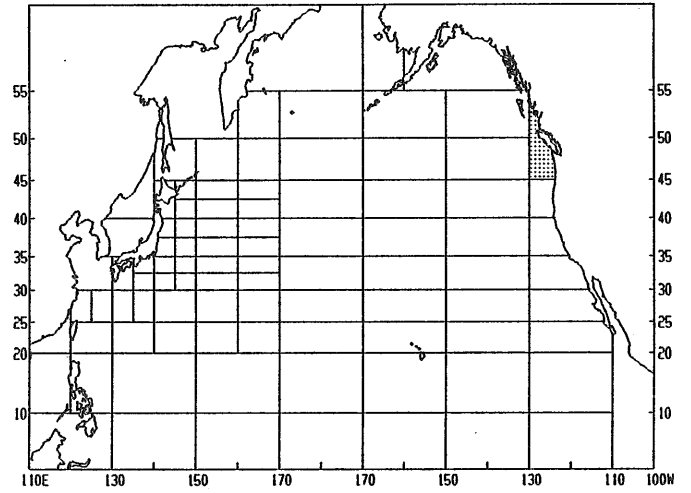
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL						
14.75-												0						
13.75-											1	1						
12.75-											3	2	5					
11.75-											7	3	10					
10.75-											5	29	13	47				
9.75-											31	78	3	112				
8.75-											15	166	94	275				
7.75-											177	454	5	636				
6.75-											50	831	221	1102				
5.75-											4	782	1108	1894				
4.75-											448	2527	69	-7	3	3054		
3.75-											112	3647	1508	155	38	4	5464	
2.75-											4	3095	4520	951	130	9	8709	
1.75-											815	3531	1673	319	44	6	3	6391
0.75-											26	383	426	257	56	7		1155
0.00-											4	3	2					9
TOTAL	0	30	1205	7166	10549	6193	2536	937	226	22	0	0	28864					
MAX	0.00	1.50	2.80	4.30	5.80	7.40	9.30	11.10	12.80	13.80	0.00							

DATE (MAX HEIGHT) 00h 12-JAN-85

1980-1989 All seasons

AREA W07 (45.0N-50.0N, 130.0W-120.0W)														MEAN OF WAVE HEIGHT 2.54 M
														MEAN OF WAVE PERIOD 7.72SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL		
14.75-													0	
13.75-													0	
12.75-													0	
11.75-													0	
10.75-												1	1	
9.75-											1	2	3	
8.75-										2	1	3		
7.75-									1	12	5	18		
6.75-									15	37	1	53		
5.75-							8	122	30	160				
4.75-						155	215	370						
3.75-					124	797	14	935						
2.75-				51	1662	476	21	7	2217					
1.75-			2	2718	2725	407	32	6	5890					
0.75-		2787	6700	2341	333	27	4	12192						
0.00-	135	3206	2957	900	131	7				7336				
0.00-	3	13	20	2								38		
TOTAL	0	138	6008	12446	7754	2307	454	98	8	3	0	23216		
MAX	0.00	1.50	2.80	4.20	5.60	7.40	9.20	10.10	10.80	11.90	0.00			

DATE (MAX HEIGHT) 12h 21-JAN-81



1980-1989 Spring

AREA W07 (45.0N-50.0N, 130.0W-120.0W)														MEAN OF WAVE HEIGHT 2.54 M
														MEAN OF WAVE PERIOD 7.80SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL		
14.75-													0	
13.75-													0	
12.75-													0	
11.75-													0	
10.75-													0	
9.75-												1	1	
8.75-											2	2	4	
7.75-											8	8		
6.75-									1	19	4	24		
5.75-									29	26	55			
4.75-							23	163	3	189				
3.75-						14	393	100	8	3	518			
2.75-					781	780	97	5	1	1664				
1.75-				518	2026	735	86	7	1	3373				
0.75-			2	481	719	269	50	3				1524		
0.00-													0	
TOTAL	0	2	999	3540	2200	526	71	19	3	0	0	7360		
MAX	0.00	1.40	2.70	4.20	5.30	7.40	7.50	8.90	9.80	0.00	0.00			

DATE (MAX HEIGHT) 06h 01-MAR-82

1980-1989 Summer

AREA W07 (45.0N-50.0N, 130.0W-120.0W)														MEAN OF WAVE HEIGHT 2.06 M
														MEAN OF WAVE PERIOD 7.29SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL		
14.75-													0	
13.75-													0	
12.75-													0	
11.75-													0	
10.75-													0	
9.75-												1	1	
8.75-												1	1	
7.75-											1	1	2	
6.75-											1	1	2	
5.75-										6	6	12		
4.75-								12	67	1	80			
3.75-							4	181	11	196				
2.75-							557	235	20	812				
1.75-							1103	1718	445	54	3320			
0.75-							34	1568	1095	209	21	2927		
0.00-							1	3	4				8	
TOTAL	0	35	2674	3378	1082	179	9	3	0	0	0	7360		
MAX	0.00	1.50	2.70	4.10	5.30	6.30	7.80	10.10	0.00	0.00	0.00			

DATE (MAX HEIGHT) 00h 03-JUN-88

1980-1989 Autumn

AREA W07 (45.0N-50.0N, 130.0W-120.0W)														MEAN OF WAVE HEIGHT 2.51 M
														MEAN OF WAVE PERIOD 7.71SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL		
14.75-													0	
13.75-													0	
12.75-													0	
11.75-													0	
10.75-												1	1	
9.75-													0	
8.75-												1	1	
7.75-										1	8	1	10	
6.75-									1	18	4	23		
5.75-								37	51	88				
4.75-							31	210	4	245				
3.75-						14	419	125	1	3	562			
2.75-					2	665	683	81	1	1	1433			
1.75-				684	1672	600	60	2				3018		
0.75-			49	736	803	278	28						1894	
0.00-		1	2	2								5		
TOTAL	0	50	1424	3156	2011	542	78	16	2	1	0	7280		
MAX	0.00	1.50	2.80	4.10	5.60	7.20	7.80	8.50	9.10	11.50	0.00			

DATE (MAX HEIGHT) 00h 13-OCT-84

1980-1989 Winter

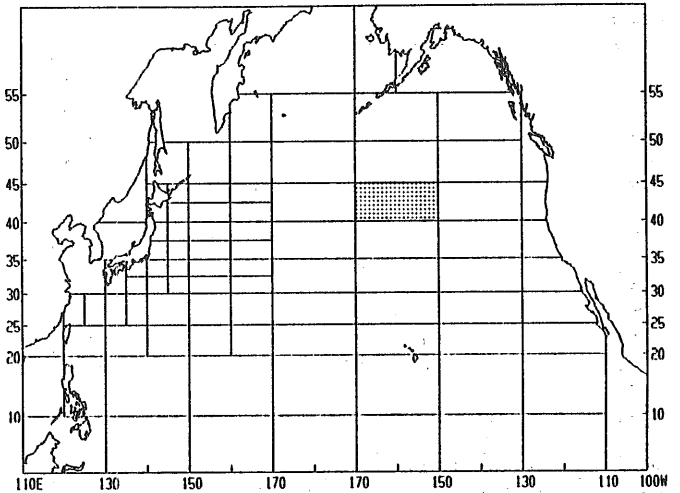
AREA W07 (45.0N-50.0N, 130.0W-120.0W)														MEAN OF WAVE HEIGHT 3.05 M
														MEAN OF WAVE PERIOD 8.10SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL		
14.75-													0	
13.75-													0	
12.75-													0	
11.75-												1	1	
10.75-											1	1	2	
9.75-											1	1	2	
8.75-										1	9	2	12	
7.75-										13	20	33		
6.75-									6	84	22	112		
5.75-								83	132	215				
4.75-						58	357	6	421					
3.75-					19	669	240	12	1	941				
2.75-					715	1027	209	26	4	1981				
1.75-				482	1284	561	133	18	3	2481				
0.75-		50	421	340	144	32	4				991			
0.00-		1	8	14	2							25		
TOTAL	0	51	911	2372	2461	1060	296	60	3	2	0	7216		
MAX	0.00	1.50	2.70	4.10	5.50	7.00	9.20	9.80	10.80	11.90	0.00			

DATE (MAX HEIGHT) 12h 21-JAN-81

1980-1989 All seasons

AREA W08 (40.0N-45.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 3.54 M MEAN OF WAVE PERIOD 8.34SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			16
13.75-			8
12.75-			27
11.75-			91
10.75-			176
9.75-			356
8.75-			811
7.75-			1744
6.75-			3568
5.75-			6626
4.75-			11620
3.75-			21151
2.75-			37020
1.75-			39503
0.75-			9663
0.00-			12
TOTAL			131472
MAX	0.00 1.70 2.80 4.30 5.80 7.60 9.40 11.30 13.10 13.90 22.90		

DATE (MAX HEIGHT) 00h 08-FEB-83



1980-1989 Spring

AREA W08 (40.0N-45.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 3.71 M MEAN OF WAVE PERIOD 8.46SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			2
13.75-			1
12.75-			10
11.75-			33
10.75-			42
9.75-			91
8.75-			181
7.75-			428
6.75-			921
5.75-			1873
4.75-			3258
3.75-			6042
2.75-			10062
1.75-			9205
0.75-			971
0.00-			0
TOTAL			33120
MAX	0.00 1.30 2.80 4.30 5.80 7.60 9.30 10.70 12.60 13.70 15.20		

DATE (MAX HEIGHT) 12h 31-MAR-87

1980-1989 Summer

AREA W08 (40.0N-45.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 2.69 M MEAN OF WAVE PERIOD 7.67SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			1
8.75-			2
7.75-			49
6.75-			210
5.75-			670
4.75-			1570
3.75-			3167
2.75-			6846
1.75-			13488
0.75-			7105
0.00-			12
TOTAL			33120
MAX	0.00 1.70 2.80 4.10 5.70 7.20 9.00 10.30 0.00 0.00 0.00		

DATE (MAX HEIGHT) 12h 06-JUL-82

1980-1989 Autumn

AREA W08 (40.0N-45.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 3.57 M MEAN OF WAVE PERIOD 8.33SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			2
12.75-			4
11.75-			9
10.75-			37
9.75-			61
8.75-			197
7.75-			381
6.75-			830
5.75-			1668
4.75-			3077
3.75-			5198
2.75-			9686
1.75-			10170
0.75-			1440
0.00-			0
TOTAL			32760
MAX	0.00 0.00 2.80 4.20 5.70 7.50 9.40 11.30 13.10 13.90 0.00		

DATE (MAX HEIGHT) 00h 10-NOV-81

1980-1989 Winter

AREA W08 (40.0N-45.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 4.22 M MEAN OF WAVE PERIOD 8.91SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			14
13.75-			5
12.75-			13
11.75-			49
10.75-			97
9.75-			203
8.75-			431
7.75-			886
6.75-			1607
5.75-			2415
4.75-			3715
3.75-			6744
2.75-			10426
1.75-			5720
0.75-			147
0.00-			0
TOTAL			32472
MAX	0.00 0.00 2.70 4.30 5.80 7.50 9.10 11.00 12.70 13.70 22.90		

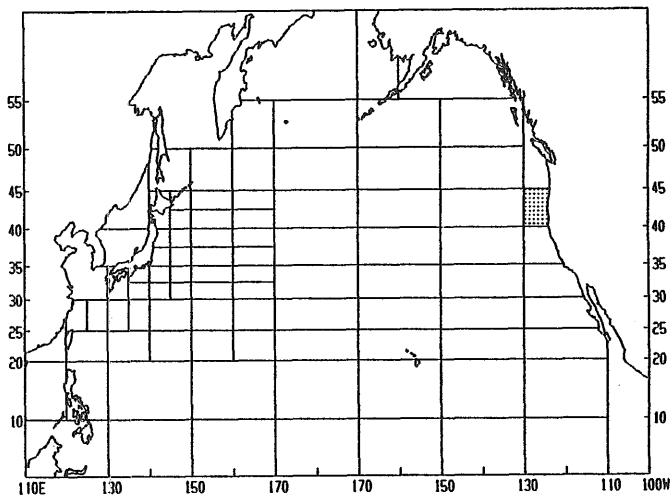
DATE (MAX HEIGHT) 00h 08-FEB-83

1980-1989 All seasons

AREA W10
(40.0N-45.0N, 130.0W-120.0W) MEAN OF WAVE HEIGHT 2.56 M
PERIOD (SEC) MEAN OF WAVE PERIOD 7.67SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-											1	1
12.75-												0
11.75-											1	1
10.75-								1	1			2
9.75-								5	7	1		13
8.75-								14	4			18
7.75-							22	57				79
6.75-							13	144	30			187
5.75-							216	241				457
4.75-						256	1005	15				1276
3.75-				92	2933	519	22	5	1			3572
2.75-			4	5343	3691	532	36	4				9610
1.75-				4588	10421	2960	393	27	1			18390
0.75-			128	4594	3924	1245	211	12				10114
0.00-		5	51	44	4							104
TOTAL	0	133	9237	19824	11089	2889	519	117	13	3	0	43824
MAX	0.00	1.60	2.80	4.10	5.70	7.40	8.40	10.80	11.60	14.30	0.00	

DATE (MAX HEIGHT) 00h 16-DEC-82



1980-1989 Spring

AREA W10
(40.0N-45.0N, 130.0W-120.0W) MEAN OF WAVE HEIGHT 2.54 M
PERIOD (SEC) MEAN OF WAVE PERIOD 7.70SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-												0
10.75-												0
9.75-								1	1			2
8.75-								2	1			3
7.75-							4	8				12
6.75-							29	8				37
5.75-						39	44					83
4.75-					43	185	5					233
3.75-				18	633	115	4	3				773
2.75-			2	1347	1006	131	10	2				2498
1.75-				1025	3181	943	89	7	1			5246
0.75-			18	742	993	350	49	1				2153
0.00-												0
TOTAL	0	18	1769	5539	2975	608	104	25	2	0	0	11040
MAX	0.00	1.50	2.80	4.00	5.50	6.60	8.40	9.90	9.80	0.00	0.00	

DATE (MAX HEIGHT) 00h 01-MAR-82

1980-1989 Summer

AREA W10
(40.0N-45.0N, 130.0W-120.0W) MEAN OF WAVE HEIGHT 2.39 M
PERIOD (SEC) MEAN OF WAVE PERIOD 7.38SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-												0
10.75-												0
9.75-												0
8.75-												0
7.75-												0
6.75-									1	6		7
5.75-									29	5		34
4.75-									68	143		211
3.75-									21	779	26	826
2.75-									1	1578	542	2160
1.75-										1634	2678	4742
0.75-										20	1799	3057
0.00-										1	2	3
TOTAL	0	20	3435	5307	1950	315	13	0	0	0	0	11040
MAX	0.00	1.40	2.80	4.00	5.40	7.30	7.10	0.00	0.00	0.00	0.00	

DATE (MAX HEIGHT) 12h 02-JUN-88

1980-1989 Autumn

AREA W10
(40.0N-45.0N, 130.0W-120.0W) MEAN OF WAVE HEIGHT 2.44 M
PERIOD (SEC) MEAN OF WAVE PERIOD 7.60SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-												0
10.75-								1	1			2
9.75-									1			1
8.75-								1	2			3
7.75-							4	12				16
6.75-						4	29	6				39
5.75-						42	41					83
4.75-						59	204	3				266
3.75-					26	625	100	5	2	1		759
2.75-					1253	885	119	7				2264
1.75-					1190	2460	710	79	4			4443
0.75-					46	1352	1198	345	59	6		3006
0.00-					1	18	16	3				38
TOTAL	0	47	2560	4953	2627	607	99	22	5	0	0	10920
MAX	0.00	1.60	2.70	4.00	5.70	7.10	8.40	10.80	11.60	0.00	0.00	

DATE (MAX HEIGHT) 00h 11-NOV-83

1980-1989 Winter

AREA W10
(40.0N-45.0N, 130.0W-120.0W) MEAN OF WAVE HEIGHT 2.87 M
PERIOD (SEC) MEAN OF WAVE PERIOD 7.99SEC

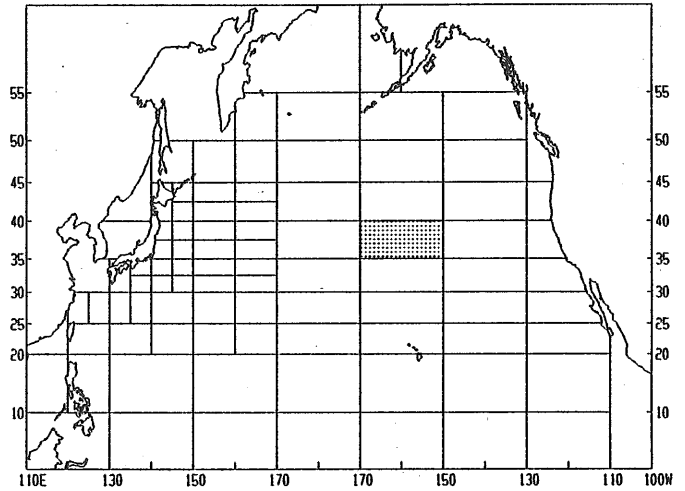
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-											1	1
12.75-												0
11.75-											1	1
10.75-												0
9.75-									4	5	1	10
8.75-									11	1		12
7.75-										14	37	51
6.75-										8	80	104
5.75-										106	151	257
4.75-										86	473	566
3.75-										27	896	1214
2.75-										1	1165	2688
1.75-										739	2102	3959
0.75-										44	701	1898
0.00-										4	32	63
TOTAL	0	48	1473	4025	3537	1359	303	70	6	3	0	10824
MAX	0.00	1.50	2.80	4.10	5.50	7.40	8.30	10.70	10.20	14.30	0.00	

DATE (MAX HEIGHT) 00h 16-DEC-82

1980-1989 All seasons

AREA W11 (35.0N-40.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 3.20 M MEAN OF WAVE PERIOD 8.07SEC	
HEIGHT (M)	PERIOD (SEC)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL	
14.75			1 2 35 38
13.75			4 11 15
12.75			6 13 13 32
11.75			16 34 10 60
10.75			10 76 46 132
9.75			87 196 32 315
8.75			20 364 277 661
7.75			382 1132 26 1540
6.75		154 2293 658	3105
5.75		5 2673 3455	6133
4.75		1755 9123 197 4 2 1 11082	
3.75		554 15558 4291 226 45 7 20681	
2.75		11 19468 18212 2232 260 21 1 40205	
1.75		12677 32601 9419 1227 70 1 55995	
0.75		112 9307 9001 2129 136 3 20688	
0.00		5 1 6	
TOTAL		0 112 22000 61625 47078 19836 6906 2322 608 131 70 160688	
MAX		0.00 1.70 2.90 4.30 5.90 7.50 9.30 11.30 15.50 19.90 31.10	

DATE (MAX HEIGHT) 00h 08-FEB-83



1980-1989 Spr Ing

AREA W11 (35.0N-40.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 3.33 M MEAN OF WAVE PERIOD 8.18SEC	
HEIGHT (M)	PERIOD (SEC)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL	
14.75			1 2 3
13.75			1 1
12.75			1 2 2 5
11.75			4 8 2 14
10.75			1 21 7 29
9.75			19 61 11 91
8.75			6 64 81 151
7.75			72 239 4 315
6.75			32 558 160 750
5.75		1 682 874	1557
4.75		406 2552 38 2 1 3079	
3.75		140 4618 1052 20 1 5831	
2.75		5 5644 5309 471 29 2 11460	
1.75		2119 9171 3023 360 7 14680	
0.75		2 693 1287 492 40 2514	
0.00		0	
TOTAL		0 2 2817 16242 13929 5189 1604 488 174 28 7 40480	
MAX		0.00 1.50 2.80 4.20 5.80 7.40 9.10 10.90 15.50 13.70 15.50	

DATE (MAX HEIGHT) 00h 14-APR-88

1980-1989 Summer

AREA W11 (35.0N-40.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 2.26 M MEAN OF WAVE PERIOD 7.33SEC	
HEIGHT (M)	PERIOD (SEC)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL	
14.75			0
13.75			0
12.75			0
11.75			0
10.75			0
9.75			2 1 3
8.75			3 3
7.75			11 9 20
6.75			4 55 7 66
5.75			172 145 317
4.75			138 687 2 827
3.75			43 1748 164 2 1 1958
2.75			3 3985 1650 66 3 5707
1.75			6692 9709 1242 89 1 17733
0.75			108 7148 5595 948 41 13840
0.00			5 1 6
TOTAL			0 108 13848 19333 5726 1223 219 22 1 0 0 40480
MAX			0.00 1.70 2.80 4.20 5.60 7.20 8.60 10.20 10.00 0.00 0.00

DATE (MAX HEIGHT) 00h 06-JUL-82

1980-1989 Autumn

AREA W11 (35.0N-40.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 3.09 M MEAN OF WAVE PERIOD 8.00SEC	
HEIGHT (M)	PERIOD (SEC)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL	
14.75			1 1 2
13.75			1 1
12.75			1 2 3
11.75			3 4 7
10.75			1 7 6 14
9.75			13 20 3 36
8.75			1 57 27 85
7.75			81 208 6 295
6.75			25 461 120 606
5.75			543 636 1179
4.75			407 2035 32 2474
3.75			159 3714 861 35 3 1 4773
2.75			2 5421 4472 484 23 10402
1.75			3396 9472 2813 357 26 16064
0.75			2 1429 2019 598 48 3 4099
0.00			0
TOTAL			0 2 4827 17071 12004 4353 1298 402 65 17 1 40040
MAX			0.00 1.50 2.90 4.20 5.70 7.50 8.80 10.90 12.80 15.00 14.80

DATE (MAX HEIGHT) 00h 22-NOV-84

1980-1989 Winter

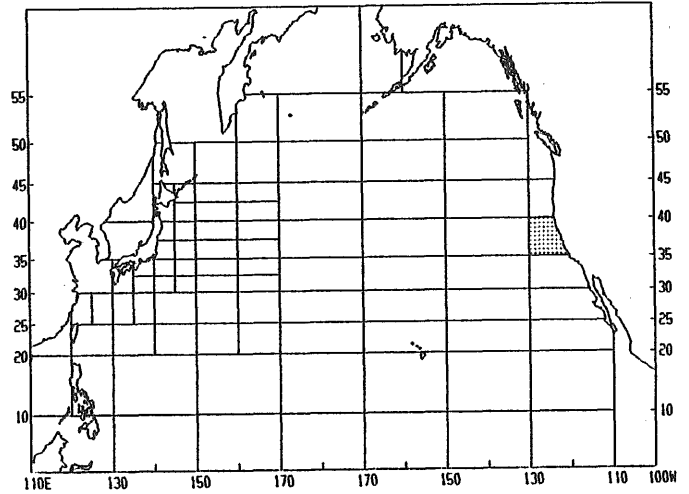
AREA W11 (35.0N-40.0N, 170.0W-150.0W)		MEAN OF WAVE HEIGHT 4.15 M MEAN OF WAVE PERIOD 8.78SEC	
HEIGHT (M)	PERIOD (SEC)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL	
14.75			1 32 33
13.75			3 10 13
12.75			4 9 11 24
11.75			9 22 8 39
10.75			8 48 33 89
9.75			53 114 18 185
8.75			13 240 169 422
7.75			218 676 16 910
6.75			93 1219 371 1683
5.75			4 1276 1800 3080
4.75			724 3849 125 2 1 1 4702
3.75			212 5478 2214 169 40 6 8119
2.75			1 4418 6781 1211 205 19 1 12636
1.75			470 4249 2341 421 36 1 7518
0.75			37 100 91 7 235
0.00			0
TOTAL			0 0 508 8979 15419 9071 3785 1410 368 86 62 33688
MAX			0.00 0.00 2.80 4.30 5.90 7.50 9.30 11.30 13.70 19.90 31.10

DATE (MAX HEIGHT) 00h 08-FEB-83

1980-1989 All seasons
 AREA W13 (35.0N-40.0N, 130.0W-120.0W) MEAN OF WAVE HEIGHT 2.76 M
 PERIOD (SEC) MEAN OF WAVE PERIOD 7.73SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-											1	1
10.75-								1	1			2
9.75-								6	5			11
8.75-							3	17	7			27
7.75-								28	49			77
6.75-						19	193	33				245
5.75-							531	314				845
4.75-						461	1832	14				2307
3.75-				48	4306	497	6	5				4862
2.75-			2	5720	3768	228	7					9725
1.75-			4108	10471	2050	255	20					16904
0.75-		97	4040	3533	918	130	8					8726
0.00-		6	38	44	4							92
TOTAL	0	103	8198	19816	11507	3492	593	111	13	1	0	43824
MAX	0.00	1.60	2.80	4.30	5.70	7.60	9.30	11.20	11.20	12.70	0.00	

DATE (MAX HEIGHT) 12h 16-DEC-87



1980-1989 Spring
 AREA W13 (35.0N-40.0N, 130.0W-120.0W) MEAN OF WAVE HEIGHT 2.86 M
 PERIOD (SEC) MEAN OF WAVE PERIOD 7.77SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-												0
10.75-												0
9.75-								6	1			7
8.75-								10	1			11
7.75-							9	15				24
6.75-						5	63	13				81
5.75-							145	79				224
4.75-						116	449	1				566
3.75-				10	1113	127	3	3				1256
2.75-				1656	959	54	4					2673
1.75-			991	3106	475	22						4594
0.75-		8	636	790	165	3	1					1603
0.00-			1									1
TOTAL	0	8	1628	5562	2828	805	160	47	2	0	0	11040
MAX	0.00	1.30	2.70	4.30	5.30	7.00	8.40	10.60	10.60	0.00	0.00	

DATE (MAX HEIGHT) 12h 24-APR-84

1980-1989 Summer
 AREA W13 (35.0N-40.0N, 130.0W-120.0W) MEAN OF WAVE HEIGHT 2.85 M
 PERIOD (SEC) MEAN OF WAVE PERIOD 7.72SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-												0
10.75-												0
9.75-												0
8.75-									1			1
7.75-								6	6			12
6.75-						2	42	2				46
5.75-							151	54				205
4.75-							142	624	1			767
3.75-						8	1319	102				1429
2.75-						1576	900	47	2			2525
1.75-						1187	2349	378	66	10		3990
0.75-			7	1112	733	180	30					2062
0.00-				3								3
TOTAL	0	7	2302	4666	2919	1022	115	9	0	0	0	11040
MAX	0.00	1.40	2.70	3.90	5.30	6.80	8.30	8.80	0.00	0.00	0.00	

DATE (MAX HEIGHT) 00h 28-JUN-81

1980-1989 Autumn
 AREA W13 (35.0N-40.0N, 130.0W-120.0W) MEAN OF WAVE HEIGHT 2.51 M
 PERIOD (SEC) MEAN OF WAVE PERIOD 7.57SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-												0
10.75-												0
9.75-									1			1
8.75-							1	1	2			4
7.75-							5	4				9
6.75-						5	21	1				27
5.75-							78	38				116
4.75-						82	273	4				359
3.75-				12	894	83	2	2				993
2.75-				1305	811	41	1					2158
1.75-				1110	2525	529	46	1				4211
0.75-		52	1483	1137	296	45	4					3017
0.00-		1	7	17								25
TOTAL	0	53	2600	4996	2612	571	77	8	3	0	0	10920
MAX	0.00	1.50	2.60	4.10	5.40	7.20	8.90	8.80	9.80	0.00	0.00	

DATE (MAX HEIGHT) 06h 27-NOV-81

1980-1989 Winter
 AREA W13 (35.0N-40.0N, 130.0W-120.0W) MEAN OF WAVE HEIGHT 2.83 M
 PERIOD (SEC) MEAN OF WAVE PERIOD 7.87SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-											1	1
10.75-									1	1		2
9.75-										3		3
8.75-									2	5	4	11
7.75-									8	24		32
6.75-									7	67	17	91
5.75-										157	143	300
4.75-										121	486	615
3.75-										18	980	1184
2.75-						2	1183	1098	86			2369
1.75-						820	2491	668	121	9		4109
0.75-						30	809	873	277	52	3	2044
0.00-						5	27	27	4			63
TOTAL	0	35	1658	4592	3148	1094	241	47	8	1	0	10824
MAX	0.00	1.60	2.80	4.00	5.70	7.60	9.30	11.20	11.20	12.70	0.00	

DATE (MAX HEIGHT) 12h 16-DEC-87

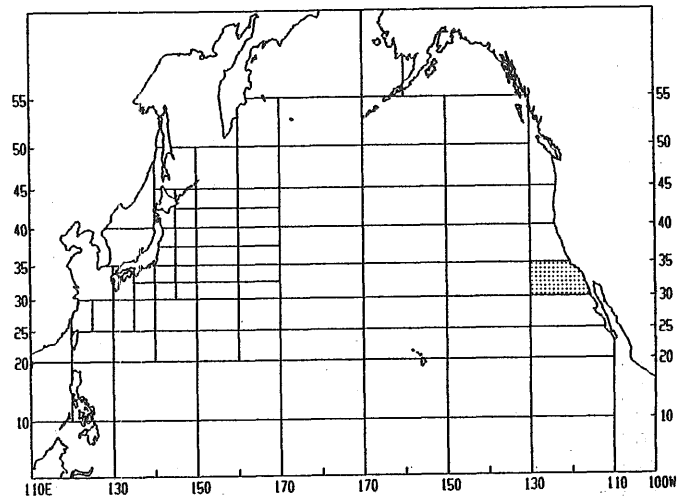
1980-1989 All seasons

AREA W16
(30.0N-35.0N, 130.0W-110.0W)

MEAN OF WAVE HEIGHT 2.20 M
MEAN OF WAVE PERIOD 7.44SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-									1			1
10.75-									2	2		4
9.75-								1	4			5
8.75-								7	10			17
7.75-							8	61				69
6.75-						5	146	35				186
5.75-							266	344				610
4.75-						170	1573	18				1761
3.75-					50	4661	699	7				5417
2.75-				1	9785	7146	598	49				17579
1.75-					13137	28262	6684	1005	91	5		49184
0.75-					1208	19440	15373	3943	619	69		40652
0.00-					131	699	479	69	1			1379
TOTAL	0	1339	33277	53949	22673	4766	732	109	17	2	0	116864
MAX	0.00	1.60	2.80	4.20	5.40	7.10	8.40	10.60	12.10	11.50	0.00	

DATE (MAX HEIGHT) 00h 18-JAN-88



1980-1989 Spring

AREA W16
(30.0N-35.0N, 130.0W-110.0W)

MEAN OF WAVE HEIGHT 2.44 M
MEAN OF WAVE PERIOD 7.55SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-												0
10.75-												0
9.75-									2			2
8.75-								6	6			12
7.75-							4	25				29
6.75-						2	73	15				90
5.75-							86	147				233
4.75-						62	625	10				697
3.75-				26	1744	257	1					2028
2.75-				3223	2243	162	17					5645
1.75-			3181	8208	1548	158	22	2				13119
0.75-			97	3475	3309	514	64	2				7461
0.00-			3	67	52	2						124
TOTAL	0	100	6723	14818	6113	1354	276	48	8	0	0	29440
MAX	0.00	1.60	2.70	3.90	5.20	7.10	8.00	9.40	9.90	0.00	0.00	

DATE (MAX HEIGHT) 00h 02-MAR-83

1980-1989 Summer

AREA W16
(30.0N-35.0N, 130.0W-110.0W)

MEAN OF WAVE HEIGHT 2.24 M
MEAN OF WAVE PERIOD 7.49SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-												0
10.75-												0
9.75-												0
8.75-												0
7.75-												0
6.75-										7	3	10
5.75-									46	30		76
4.75-							18	262				280
3.75-						6	1001	137	2			1146
2.75-							2372	1943	217	10		4542
1.75-							3908	7960	2375	455	33	14734
0.75-						33	4194	3173	1042	184	18	8644
0.00-							6	1	1			8
TOTAL	0	33	8108	13512	6380	1301	100	6	0	0	0	29440
MAX	0.00	1.50	2.70	3.80	5.30	6.50	7.50	7.70	0.00	0.00	0.00	

DATE (MAX HEIGHT) 00h 28-JUN-81

1980-1989 Autumn

AREA W16
(30.0N-35.0N, 130.0W-110.0W)

MEAN OF WAVE HEIGHT 1.96 M
MEAN OF WAVE PERIOD 7.26SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-												0
10.75-												0
9.75-												0
8.75-												0
7.75-							1	1				2
6.75-						2	2					4
5.75-							26	25				51
4.75-							18	168	1			187
3.75-				4	717	95	2					818
2.75-					1964	1252	86	10				3312
1.75-					3333	6249	1234	196	15			11027
0.75-					508	6826	4690	1076	142	1		13243
0.00-					48	193	212	22	1			476
TOTAL	0	556	10352	13119	4319	716	57	1	0	0	0	29120
MAX	0.00	1.60	2.70	3.90	5.30	6.90	7.80	8.30	0.00	0.00	0.00	

DATE (MAX HEIGHT) 12h 27-NOV-81

1980-1989 Winter

AREA W16
(30.0N-35.0N, 130.0W-110.0W)

MEAN OF WAVE HEIGHT 2.16 M
MEAN OF WAVE PERIOD 7.47SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-										1		1
10.75-										2	2	4
9.75-									1	2		3
8.75-									1	4		5
7.75-										3	35	38
6.75-									1	64	17	82
5.75-										108	142	250
4.75-										72	518	597
3.75-										14	1199	1425
2.75-										1	2226	4080
1.75-											2715	10304
0.75-											570	11304
0.00-											80	771
TOTAL	0	650	8094	12500	5861	1395	299	54	9	2	0	28864
MAX	0.00	1.60	2.80	4.20	5.40	6.80	8.40	10.60	12.10	11.50	0.00	

DATE (MAX HEIGHT) 00h 18-JAN-88

