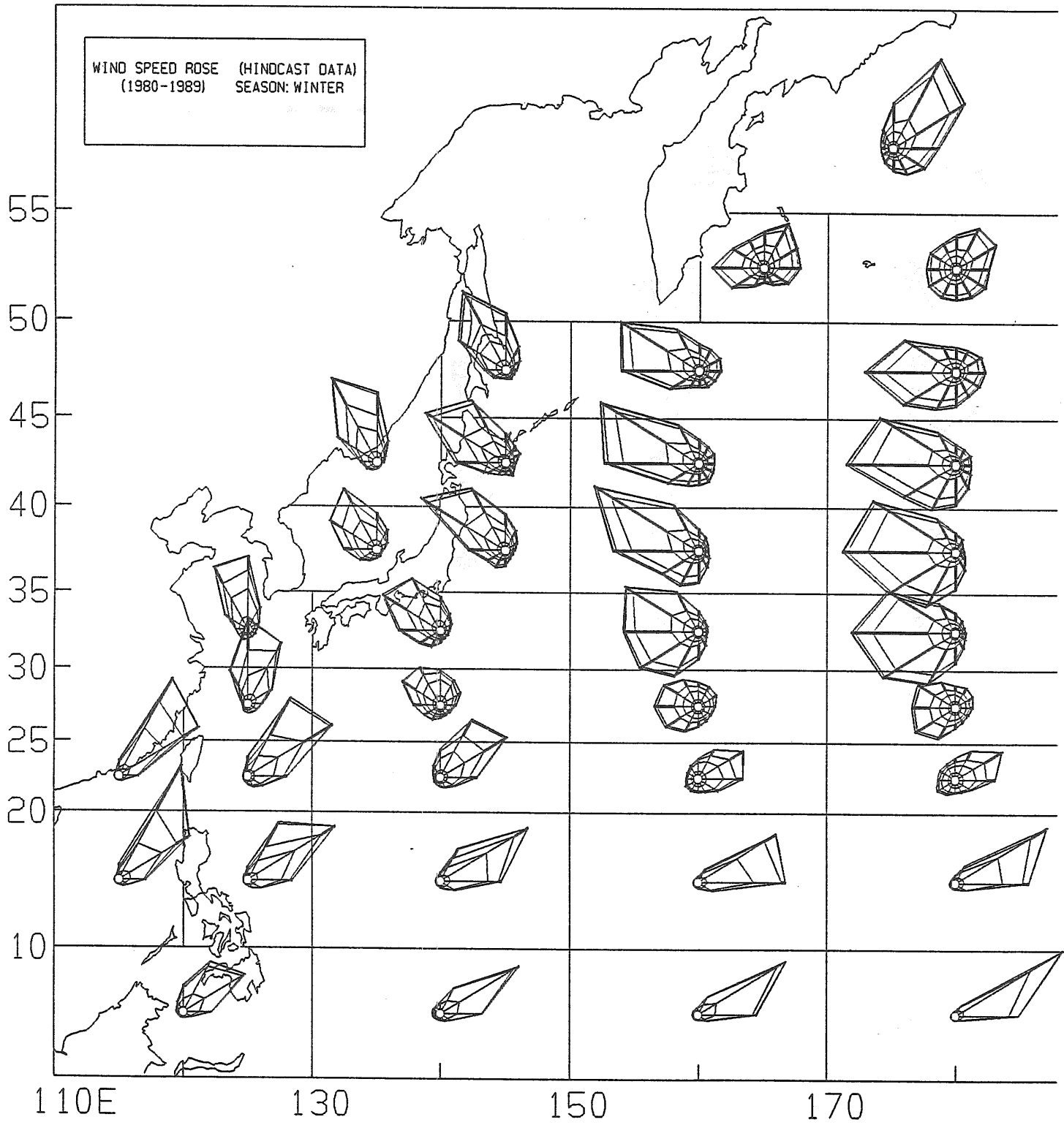
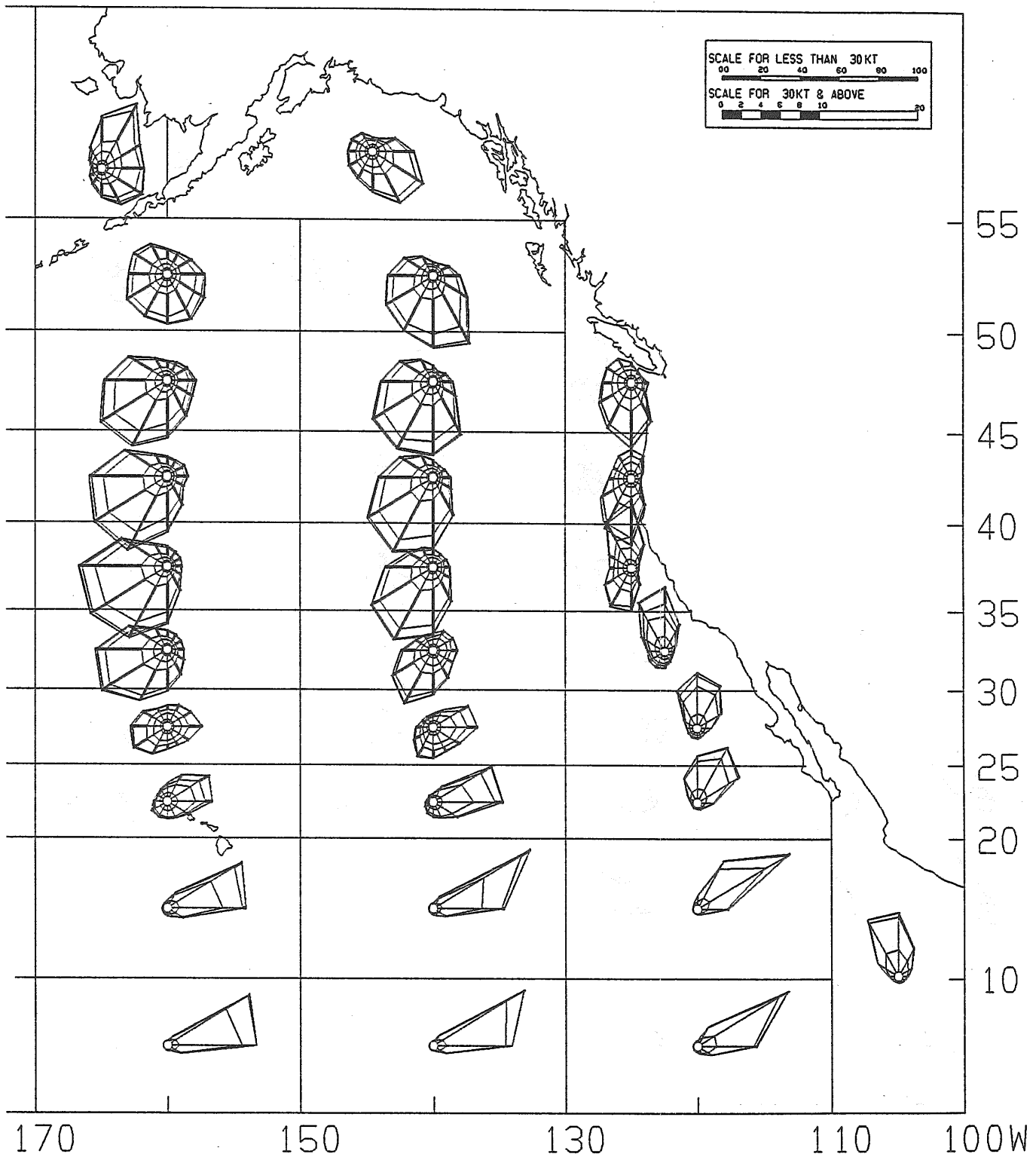
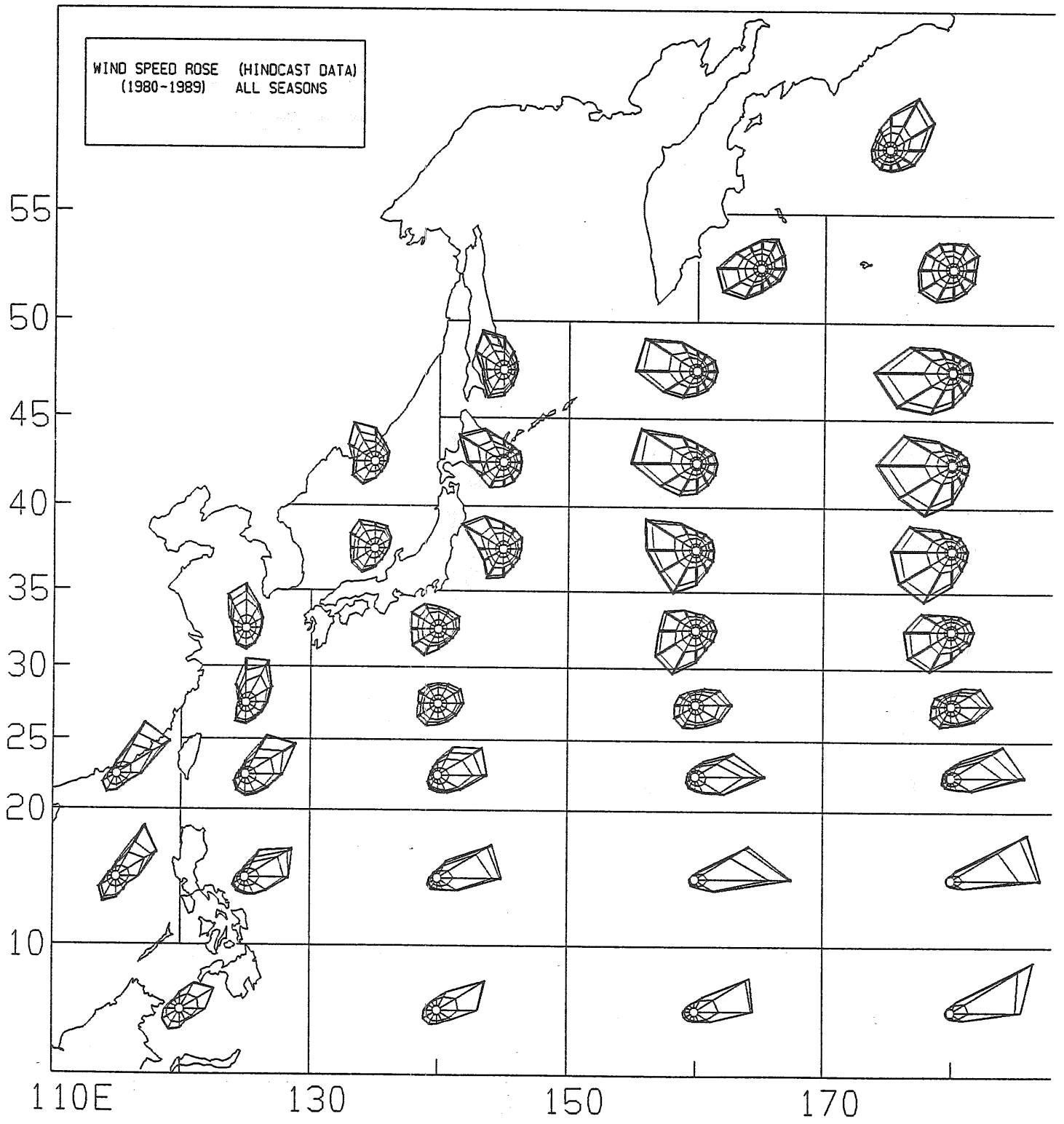


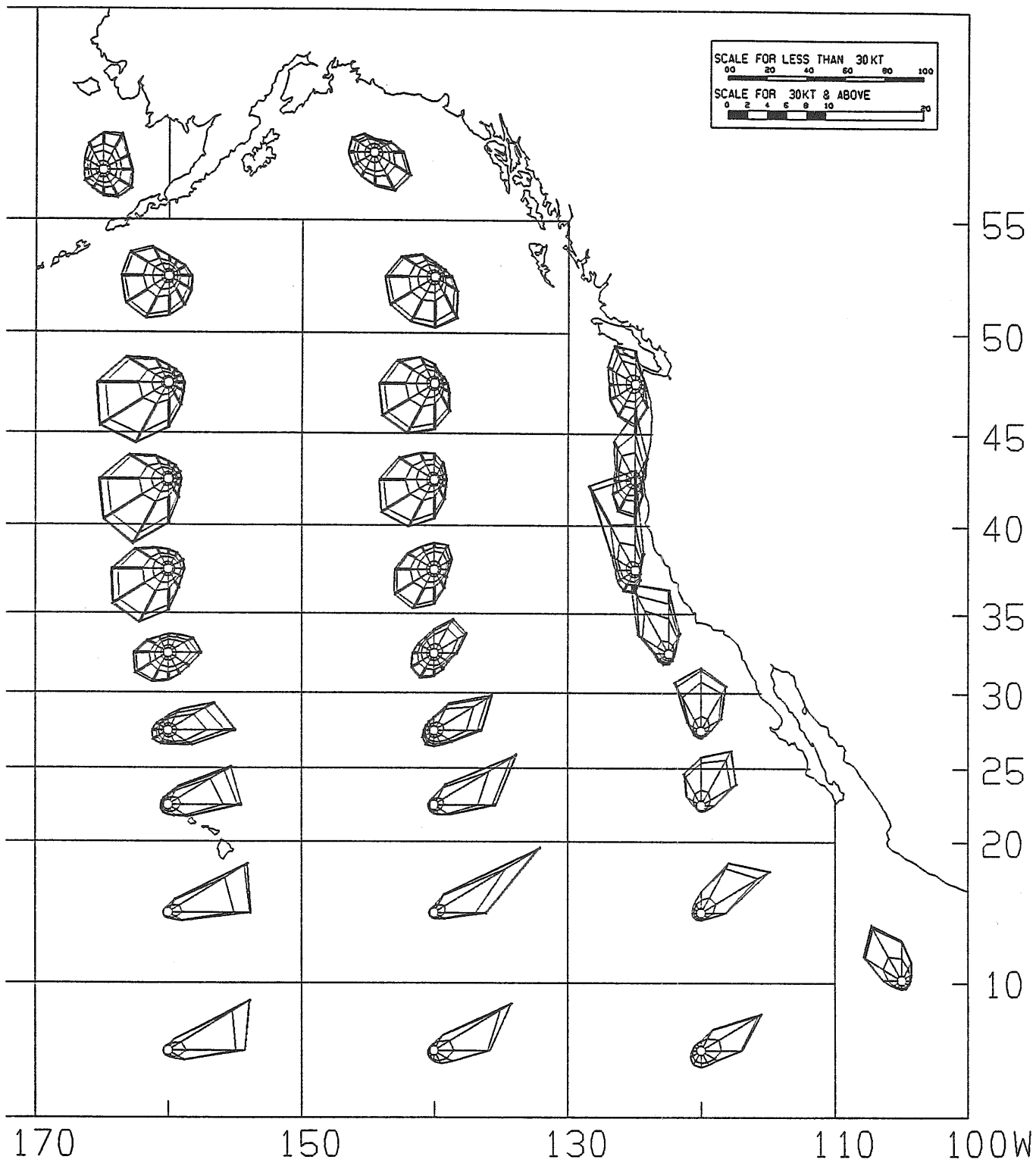
WIND SPEED ROSE (HINDCAST DATA)  
(1980-1989) SEASON: WINTER







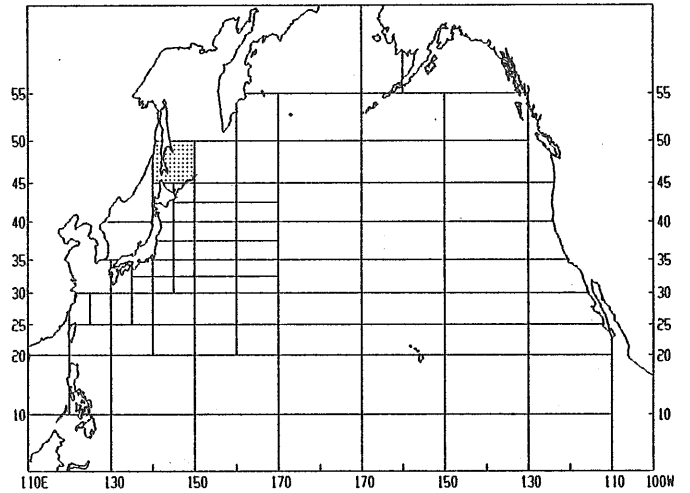




1980-1989 All seasons

AREA E01 (45.0N-50.0N, 140.0E-150.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	2.08 M	
															MEAN OF WAVE PERIOD	7.27SEC	
HEIGHT (M)	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-													9				
9.75-													6				
8.75-													20				
7.75-													38				
6.75-													113				
5.75-													241				
4.75-													591				
3.75-													1368				
2.75-													3678				
1.75-													9156				
0.75-													13175				
0.00-													816				
TOTAL	0	1354	11148	10269	4759	1259	334	70	20	3	0	29216					
MAX	0.00	1.80	2.90	4.20	5.70	7.40	9.10	10.80	12.50	12.80	0.00						

DATE (MAX HEIGHT) 12h 11-MAR-80



1980-1989 Spring

AREA E01 (45.0N-50.0N, 140.0E-150.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	2.14 M	
															MEAN OF WAVE PERIOD	7.36SEC	
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL					
14.75-													0				
13.75-													0				
12.75-													1				
11.75-													2				
10.75-													3				
9.75-													3				
8.75-													3				
7.75-													12				
6.75-													34				
5.75-													60				
4.75-													147				
3.75-													387				
2.75-													1008				
1.75-													2347				
0.75-													3159				
0.00-													195				
TOTAL	0	352	2542	2577	1350	406	105	19	7	2	0	7360					
MAX	0.00	1.70	2.80	4.10	5.70	7.20	8.90	10.80	12.20	12.80	0.00						

DATE (MAX HEIGHT) 12h 11-MAR-80

1980-1989 Summer

AREA E01 (45.0N-50.0N, 140.0E-150.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	1.56 M	
															MEAN OF WAVE PERIOD	7.09SEC	
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-													0				
7.75-													3				
6.75-													3				
5.75-													8				
4.75-													7				
3.75-													76				
2.75-													325				
1.75-													1716				
0.75-													4876				
0.00-													345				
TOTAL	0	454	3168	2565	967	166	32	7	1	0	0	7360					
MAX	0.00	1.60	2.90	4.10	4.90	7.00	7.20	8.60	10.30	0.00	0.00						

DATE (MAX HEIGHT) 00h 06-AUG-81

1980-1989 Autumn

AREA E01 (45.0N-50.0N, 140.0E-150.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	2.21 M	
															MEAN OF WAVE PERIOD	7.22SEC	
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-													0				
8.75-													5				
7.75-													4				
6.75-													36				
5.75-													53				
4.75-													160				
3.75-													379				
2.75-													1082				
1.75-													2641				
0.75-													2809				
0.00-													110				
TOTAL	0	305	2901	2590	1150	264	63	6	1	0	0	7280					
MAX	0.00	1.80	2.80	4.20	5.60	7.00	8.80	9.70	11.60	0.00	0.00						

DATE (MAX HEIGHT) 12h 25-NOV-88

1980-1989 Winter

AREA E01 (45.0N-50.0N, 140.0E-150.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	2.43 M	
															MEAN OF WAVE PERIOD	7.41SEC	
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-													2				
10.75-													5				
9.75-													2				
8.75-													12				
7.75-													19				
6.75-													40				
5.75-													120				
4.75-													277				
3.75-													526				
2.75-													1263				
1.75-													2452				
0.75-													2332				
0.00-													166				
TOTAL	0	243	2537	2537	1292	423	134	38	11	1	0	7216					
MAX	0.00	1.60	2.80	4.00	5.60	7.40	9.10	10.60	12.50	12.70	0.00						

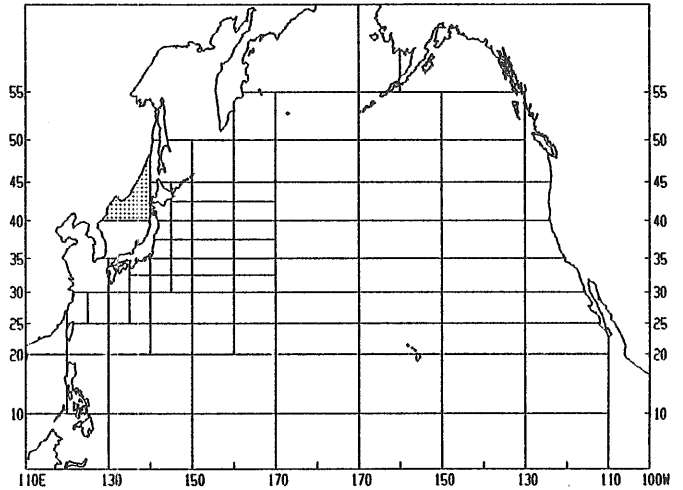
DATE (MAX HEIGHT) 12h 22-FEB-85

1980-1989 All seasons

AREA E02N  
(40.0N-45.0N, 130.0E-140.0E) MEAN OF WAVE HEIGHT 1.52 M  
PERIOD (SEC) MEAN OF WAVE PERIOD 6.10SEC

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-								1				1
9.75-												0
8.75-								1				1
7.75-												0
6.75-							4	3				7
5.75-					1	84	3					88
4.75-					212	141						353
3.75-				180	1244	16	1					1441
2.75-			54	4224	420							4698
1.75-		10	10035	2993	87	3						13128
0.75-	1	16192	8620	645	73	3						25534
0.00-	4912	7728	521	20								13181
TOTAL	4913	23930	19230	8062	2037	251	7	2	0	0	0	58432
MAX	0.80	1.80	3.00	4.20	5.90	7.20	7.60	10.90	0.00	0.00	0.00	

DATE (MAX HEIGHT) 00h 03-FEB-87



1980-1989 Spring

AREA E02N  
(40.0N-45.0N, 130.0E-140.0E) MEAN OF WAVE HEIGHT 1.43 M  
PERIOD (SEC) MEAN OF WAVE PERIOD 6.02SEC

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					1
5.75-							3					3
4.75-					23	9						32
3.75-				25	161	1	1					188
2.75-			10	745	83							838
1.75-		2	2550	688	21							3261
0.75-	1	4616	2458	175	18							7268
0.00-	899	2115	111	4								3129
TOTAL	900	6733	5129	1637	306	14	1	0	0	0	0	14720
MAX	0.80	1.80	2.90	4.20	5.40	6.90	4.30	0.00	0.00	0.00	0.00	

DATE (MAX HEIGHT) 12h 16-APR-89

1980-1989 Summer

AREA E02N  
(40.0N-45.0N, 130.0E-140.0E) MEAN OF WAVE HEIGHT 1.10 M  
PERIOD (SEC) MEAN OF WAVE PERIOD 5.71SEC

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-												0
9.75-												0
8.75-												0
7.75-												0
6.75-												0
5.75-								5				5
4.75-							5	2				7
3.75-						17	92	2				111
2.75-					6	350	47					403
1.75-						1413	422	34	1			1870
0.75-						4641	1947	149	29	2		6768
0.00-	2587	2810	149	10								5556
TOTAL	2587	7451	3515	948	207	12	0	0	0	0	0	14720
MAX	0.70	1.70	2.80	4.20	5.70	6.40	0.00	0.00	0.00	0.00	0.00	

DATE (MAX HEIGHT) 00h 31-AUG-89

1980-1989 Autumn

AREA E02N  
(40.0N-45.0N, 130.0E-140.0E) MEAN OF WAVE HEIGHT 1.58 M  
PERIOD (SEC) MEAN OF WAVE PERIOD 6.13SEC

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	1				2
5.75-							28					28
4.75-					66	56						122
3.75-				64	325	6						395
2.75-			28	1150	113							1291
1.75-		7	2667	765	20	1						3460
0.75-		3965	1899	154	22	1						6041
0.00-	1249	1833	134	5								3221
TOTAL	1249	5805	4728	2138	546	93	1	0	0	0	0	14560
MAX	0.70	1.80	3.00	4.20	5.60	7.20	6.80	0.00	0.00	0.00	0.00	

DATE (MAX HEIGHT) 00h 25-OCT-82

1980-1989 Winter

AREA E02N  
(40.0N-45.0N, 130.0E-140.0E) MEAN OF WAVE HEIGHT 2.00 M  
PERIOD (SEC) MEAN OF WAVE PERIOD 6.54SEC

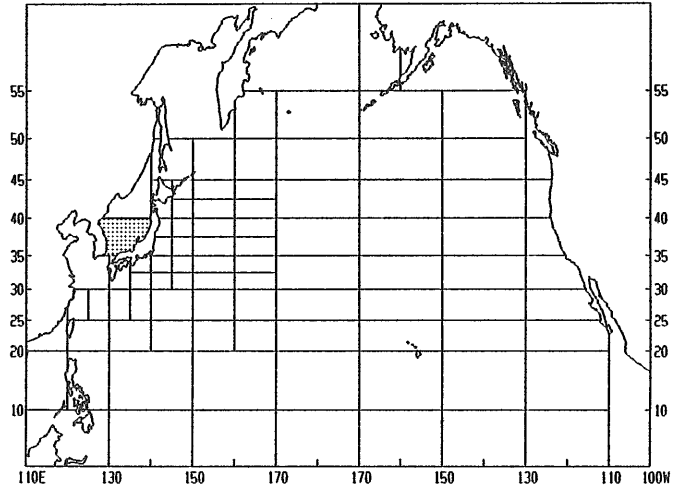
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-												0
10.75-									1			1
9.75-												0
8.75-									1			1
7.75-												0
6.75-								2	2			4
5.75-							1	48	3			52
4.75-							118	74				192
3.75-						74	666	7				747
2.75-					10	1979	177					2166
1.75-						1	3405	1118	12	1		4537
0.75-						2970	2316	167	4			5457
0.00-	177	970	127	1								1275
TOTAL	177	3941	5858	3339	978	132	5	2	0	0	0	14432
MAX	0.70	1.80	3.00	4.10	5.90	6.90	7.60	10.90	0.00	0.00	0.00	

DATE (MAX HEIGHT) 00h 03-FEB-87

1980-1989 All seasons

AREA E02S (35.0N-40.0N, 130.0E-140.0E)		PERIOD (SEC)										MEAN OF WAVE HEIGHT	1.61 M
												MEAN OF WAVE PERIOD	6.20SEC
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-								1	2			3	
6.75-							3	7	1			11	
5.75-							29	10				39	
4.75-					78	143						221	
3.75-				81	660	38						779	
2.75-			30	2250	467	11						2758	
1.75-		2	5138	2167	76	1						7384	
0.75-	1	7302	4332	287	14							11936	
0.00-	2720	3198	160	6								6084	
TOTAL	2721	10502	9660	4791	1295	225	19	3	0	0	0	29216	
MAX	0.80	1.80	3.00	4.20	5.70	7.00	9.00	8.40	0.00	0.00	0.00		

DATE (MAX HEIGHT) 00h 01-NOV-89



1980-1989 Spring

AREA E02S (35.0N-40.0N, 130.0E-140.0E)		PERIOD (SEC)										MEAN OF WAVE HEIGHT	1.52 M
												MEAN OF WAVE PERIOD	6.07SEC
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	
6.75-								1				1	
5.75-							6	1				7	
4.75-						10	13					23	
3.75-				18	71	2						91	
2.75-			10	519	41							570	
1.75-		2	1443	376	1							1822	
0.75-		2315	1092	50								3457	
0.00-	495	849	43	1								1388	
TOTAL	495	3166	2588	964	123	22	2	0	0	0	0	7360	
MAX	0.70	1.80	3.00	4.20	5.40	7.00	7.90	0.00	0.00	0.00	0.00		

DATE (MAX HEIGHT) 12h 21-APR-87

1980-1989 Summer

AREA E02S (35.0N-40.0N, 130.0E-140.0E)		PERIOD (SEC)										MEAN OF WAVE HEIGHT	1.11 M
												MEAN OF WAVE PERIOD	5.67SEC
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-												0	
5.75-												0	
4.75-								6	3			9	
3.75-								6	45			51	
2.75-								2	196	16		214	
1.75-									818	202	10	1030	
0.75-									1	2209	869	7	3144
0.00-												2912	
TOTAL	1613	1245	54									7360	
MAX	0.80	1.70	2.80	4.00	5.70	5.50	0.00	0.00	0.00	0.00	0.00		

DATE (MAX HEIGHT) 00h 16-JUL-87

1980-1989 Autumn

AREA E02S (35.0N-40.0N, 130.0E-140.0E)		PERIOD (SEC)										MEAN OF WAVE HEIGHT	1.63 M
												MEAN OF WAVE PERIOD	6.22SEC
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	
5.75-												3	
4.75-												11	
3.75-												70	
2.75-												230	
1.75-												652	
0.75-												1811	
0.00-												3008	
TOTAL	589	862	37	5								1493	
MAX	0.70	1.70	2.90	4.20	5.50	6.90	9.00	8.10	0.00	0.00	0.00		

DATE (MAX HEIGHT) 00h 01-NOV-89

1980-1989 Winter

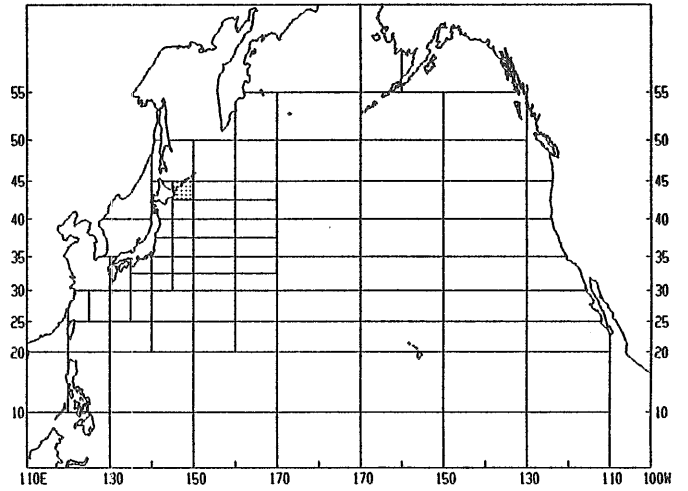
AREA E02S (35.0N-40.0N, 130.0E-140.0E)		PERIOD (SEC)										MEAN OF WAVE HEIGHT	2.21 M
												MEAN OF WAVE PERIOD	6.84SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL	
14.75-												0	
13.75-												0	
12.75-												0	
11.75-												0	
10.75-												0	
9.75-												0	
8.75-												0	
7.75-												0	
6.75-												1	
5.75-												7	
4.75-												21	
3.75-												119	
2.75-												407	
1.75-												1322	
0.75-												2721	
0.00-												3227	
TOTAL	23	1252	2847	2229	724	127	12	2	0	0	0	7216	
MAX	0.60	1.70	2.80	4.20	5.60	6.90	7.50	8.40	0.00	0.00	0.00		

DATE (MAX HEIGHT) 12h 03-FEB-87

1980-1989 All seasons

AREA E04N (42.5N-45.0N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 2.41 M MEAN OF WAVE PERIOD 7.57SEC											
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-									3	2			5
8.75-									8				8
7.75-								16	14				30
6.75-								10	65	3			78
5.75-							1	103	68				172
4.75-							112	285	8				405
3.75-						50	828	123	17	8	2		1020
2.75-				7	1440	817	125	15	3				2407
1.75-				1834	2883	846	177	41	4				5785
0.75-				111	2095	1708	616	122	9				4661
0.00-				22	7								29
TOTAL		0	111	3958	6088	3220	945	239	43	4	0	0	14608
MAX		0.00	1.70	2.90	4.20	5.90	7.50	8.30	10.60	10.70	0.00	0.00	

DATE (MAX HEIGHT) 00h 06-AUG-81



1980-1989 Spring

AREA E04N (42.5N-45.0N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 2.53 M MEAN OF WAVE PERIOD 7.65SEC											
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-									2	1			3
8.75-									2				2
7.75-								6	7				13
6.75-							3	24	1				28
5.75-							33	18					51
4.75-						26	87	5					118
3.75-						8	215	50	9	4			286
2.75-				1	381	233	51	11	1				678
1.75-				445	746	212	48	15	2				1468
0.75-				34	486	349	151	10	1				1031
0.00-						2							2
TOTAL		0	34	932	1486	837	282	89	19	1	0	0	3680
MAX		0.00	1.60	2.90	4.00	5.50	7.50	8.20	10.60	9.80	0.00	0.00	

DATE (MAX HEIGHT) 12h 14-MAR-83

1980-1989 Summer

AREA E04N (42.5N-45.0N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 1.89 M MEAN OF WAVE PERIOD 7.44SEC											
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	1			2
8.75-									1				1
7.75-													0
6.75-									1	3			4
5.75-									4	2			6
4.75-									5	17	1		23
3.75-									3	87	11	1	102
2.75-									131	126	15		272
1.75-									359	651	250	43	1315
0.75-									48	773	746	292	1937
0.00-									16	2			18
TOTAL		0	48	1148	1533	760	169	19	2	1	0	0	3680
MAX		0.00	1.50	2.60	3.90	5.20	6.90	7.70	9.80	10.70	0.00	0.00	

DATE (MAX HEIGHT) 00h 06-AUG-81

1980-1989 Autumn

AREA E04N (42.5N-45.0N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 2.43 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-													0
12.75-													0
11.75-													0
10.75-													0
9.75-													0
8.75-									2				2
7.75-									7	3			10
6.75-								3	14	1			18
5.75-								18	19				37
4.75-								38	50	2			90
3.75-								16	188	25	1		230
2.75-								3	426	206	24	3	664
1.75-								557	703	234	57	10	1562
0.75-								16	485	379	114	25	1022
0.00-									2	3			5
TOTAL		0	16	1047	1527	780	202	59	9	0	0	0	3640
MAX		0.00	1.70	2.80	4.00	5.60	7.50	8.30	9.00	0.00	0.00	0.00	

DATE (MAX HEIGHT) 00h 23-OCT-81

1980-1989 Winter

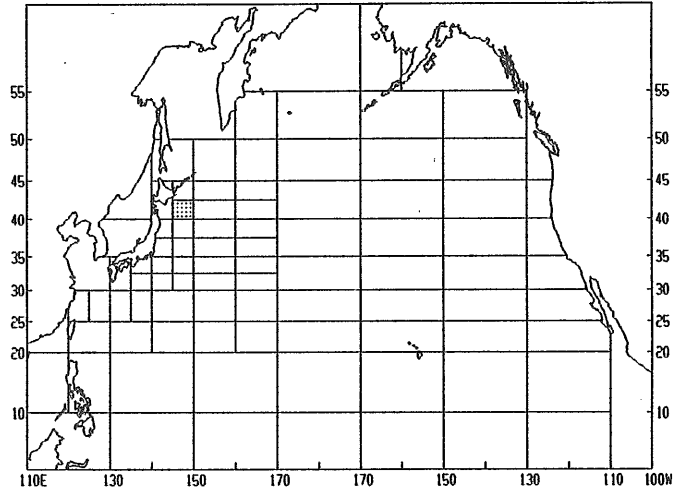
AREA E04N (42.5N-45.0N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 2.80 M MEAN OF WAVE PERIOD 7.68SEC											
HEIGHT (M)	PERIOD (SEC)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-													0
13.75-													0
12.75-													0
11.75-													0
10.75-													0
9.75-													0
8.75-										3			3
7.75-										3	4		7
6.75-										3	24	1	28
5.75-										1	48	29	78
4.75-										43	131		174
3.75-										23	338	37	410
2.75-										3	502	252	793
1.75-										473	783	150	1440
0.75-										13	351	234	671
0.00-											4		4
TOTAL		0	13	831	1542	843	292	72	13	2	0	0	3608
MAX		0.00	1.50	2.90	4.20	5.90	7.00	8.10	9.40	4.40	0.00	0.00	

DATE (MAX HEIGHT) 06h 08-FEB-84

1980-1989 All seasons

AREA E04S (40.0N-42.5N, 145.0E-150.0E)		PERIOD (SEC)											MEAN OF WAVE HEIGHT	2.61 M
													MEAN OF WAVE PERIOD	7.59SEC
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									3	2	2	7		
9.75									9	1	1	11		
8.75							5	24	3			32		
7.75								44	44			88		
6.75							31	126	14			171		
5.75					1	300	139					440		
4.75					331	734	4	1				1070		
3.75					146	2207	261	27	4			2645		
2.75					15	3793	1873	222	36	1	2	5942		
1.75					4106	5771	1332	258	34	1	1	11503		
0.75					218	3491	2667	790	95	4		7265		
0.00					1	17	23					41		
TOTAL	0	219	7629	12400	6534	1901	419	101	10	3	0	29216		
MAX	0.00	1.70	2.90	4.30	5.80	7.60	9.10	11.20	12.80	11.50	0.00			

DATE (MAX HEIGHT) 12h 15-DEC-89



1980-1989 Spring

AREA E04S (40.0N-42.5N, 145.0E-150.0E)		PERIOD (SEC)											MEAN OF WAVE HEIGHT	2.80 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	2	4		
9.75									1	1	1	3		
8.75									2	11	1	14		
7.75									16	27		43		
6.75									10	44	8	62		
5.75									93	53		146		
4.75									113	238		351		
3.75						54	612	106	13	3		788		
2.75						4	1001	562	94	17		1678		
1.75						955	1389	336	68	19		2767		
0.75						40	748	521	175	20		1504		
0.00												0		
TOTAL	0	40	1707	2965	1798	629	164	51	3	3	0	7360		
MAX	0.00	1.60	2.80	4.30	5.70	7.40	9.10	11.20	11.40	11.50	0.00			

DATE (MAX HEIGHT) 18h 20-MAR-89

1980-1989 Summer

AREA E04S (40.0N-42.5N, 145.0E-150.0E)		PERIOD (SEC)											MEAN OF WAVE HEIGHT	2.18 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												0		
10.75												0		
9.75												1		
8.75												3	2	5
7.75												2	5	7
6.75												1	11	13
5.75												25	17	42
4.75												22	81	105
3.75												5	294	348
2.75												584	350	985
1.75												1026	1546	3090
0.75												86	1167	2749
0.00												1	7	15
TOTAL	0	87	2200	3223	1459	324	49	13	5	0	0	7360		
MAX	0.00	1.50	2.70	4.10	5.30	6.90	8.10	10.20	9.40	0.00	0.00			

DATE (MAX HEIGHT) 12h 05-AUG-81

1980-1989 Autumn

AREA E04S (40.0N-42.5N, 145.0E-150.0E)		PERIOD (SEC)											MEAN OF WAVE HEIGHT	2.59 M
													MEAN OF WAVE PERIOD	7.53SEC
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											2	2		
8.75											1	4		
7.75											12	7		
6.75											15	34		
5.75											72	29		
4.75											86	159		
3.75											39	525		
2.75											4	1070		
1.75											1146	1394		
0.75											60	891		
0.00											4	15		
TOTAL	0	60	2045	3114	1541	411	93	15	1	0	0	7280		
MAX	0.00	1.70	2.90	4.10	5.50	7.60	8.80	10.60	11.40	0.00	0.00			

DATE (MAX HEIGHT) 00h 23-OCT-81

1980-1989 Winter

AREA E04S (40.0N-42.5N, 145.0E-150.0E)		PERIOD (SEC)											MEAN OF WAVE HEIGHT	2.85 M
													MEAN OF WAVE PERIOD	7.66SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL		
14.75												0		
13.75												0		
12.75												1		
11.75												0		
10.75												2		
9.75												5		
8.75												2	6	8
7.75												14	5	19
6.75												5	37	46
5.75												1	110	151
4.75												110	256	367
3.75												48	776	897
2.75												7	1138	1738
1.75												979	1442	2694
0.75												32	685	1281
0.00												6	1	7
TOTAL	0	32	1677	3098	1736	537	113	22	1	0	0	7216		
MAX	0.00	1.70	2.80	4.20	5.80	7.00	9.00	11.20	12.80	0.00	0.00			

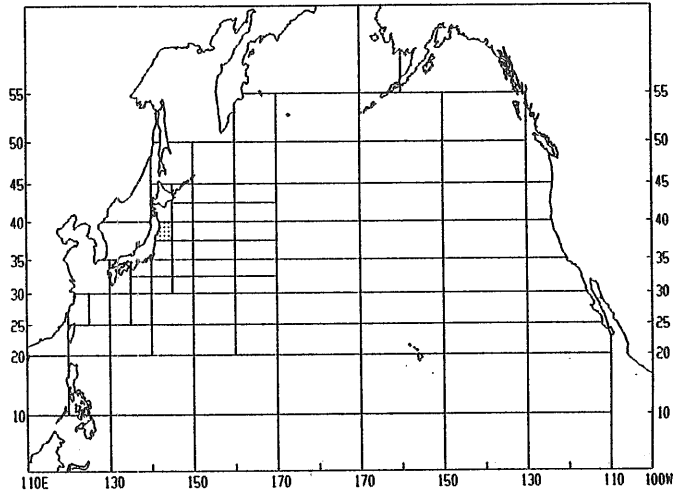
DATE (MAX HEIGHT) 12h 15-DEC-89



1980-1989 All seasons

AREA E05N (37.5N-40.0N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 2.08 M MEAN OF WAVE PERIOD 7.20SEC	
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-		1	
7.75-		2	
6.75-		5	
5.75-		12	
4.75-		42	
3.75-		164	
2.75-		678	
1.75-		2014	
0.75-		5570	
0.00-		5831	
TOTAL		289	
MAX	0.00 1.70 2.80 4.30 5.60 6.90 9.10 9.40 11.40 0.00 0.00	14608	

DATE (MAX HEIGHT) 12h 24-DEC-80



1980-1989 Spring

AREA E05N (37.5N-40.0N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 2.15 M MEAN OF WAVE PERIOD 7.27SEC	
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-		2	
6.75-		4	
5.75-		13	
4.75-		43	
3.75-		193	
2.75-		549	
1.75-		1488	
0.75-		1322	
0.00-		66	
TOTAL		3680	
MAX	0.00 1.60 2.80 4.30 5.30 6.90 7.40 8.50 0.00 0.00 0.00		

DATE (MAX HEIGHT) 18h 22-MAR-88

1980-1989 Summer

AREA E05N (37.5N-40.0N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 1.86 M MEAN OF WAVE PERIOD 7.34SEC	
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-		0	
6.75-		1	
5.75-		2	
4.75-		13	
3.75-		86	
2.75-		301	
1.75-		1384	
0.75-		1862	
0.00-		31	
TOTAL		3680	
MAX	0.00 1.60 2.70 4.00 5.40 6.20 7.40 4.70 0.00 0.00 0.00		

DATE (MAX HEIGHT) 00h 23-AUG-81

1980-1989 Autumn

AREA E05N (37.5N-40.0N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 2.05 M MEAN OF WAVE PERIOD 7.15SEC	
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-		0	
6.75-		1	
5.75-		9	
4.75-		49	
3.75-		148	
2.75-		517	
1.75-		1337	
0.75-		1469	
0.00-		110	
TOTAL		3640	
MAX	0.00 1.70 2.80 4.00 5.60 6.60 7.00 4.30 0.00 0.00 0.00		

DATE (MAX HEIGHT) 00h 20-OCT-82

1980-1989 Winter

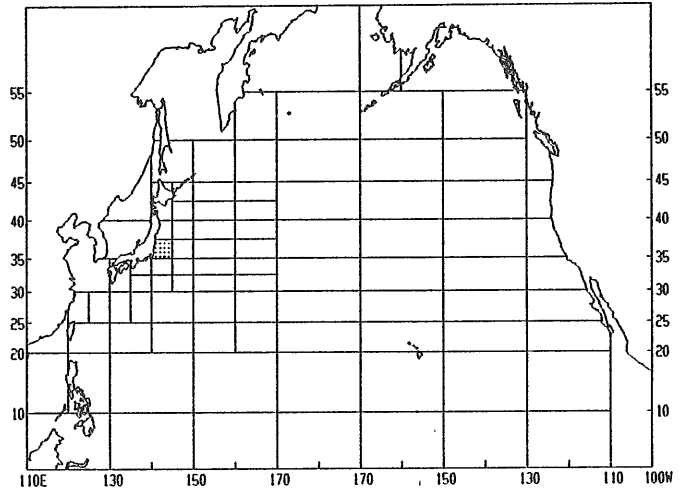
AREA E05N (37.5N-40.0N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 2.27 M MEAN OF WAVE PERIOD 7.04SEC	
PERIOD (SEC)			
HEIGHT (M)	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14-	TOTAL	
14.75-		0	
13.75-		0	
12.75-		0	
11.75-		0	
10.75-		1	
9.75-		0	
8.75-		2	
7.75-		3	
6.75-		6	
5.75-		18	
4.75-		59	
3.75-		251	
2.75-		647	
1.75-		1361	
0.75-		1178	
0.00-		82	
TOTAL		3608	
MAX	0.00 1.60 2.80 4.10 5.40 6.90 9.10 9.40 11.40 0.00 0.00		

DATE (MAX HEIGHT) 12h 24-DEC-80

1980-1989 All seasons

AREA E055 (35.0N-37.5N, 140.0E-145.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	2.27 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-										1			1								
10.75-													0								
9.75-										1			1								
8.75-								1	4	1			6								
7.75-									12	9			21								
6.75-										11	62	2	75								
5.75-											141	51	192								
4.75-											191	375	3	1	570						
3.75-											122	1382	180	22	3	1	1710				
2.75-											16	3159	1336	230	24	1	4766				
1.75-											4294	5725	1443	215	18	1	11696				
0.75-											486	5683	3084	603	89	2	9947				
0.00-											50	156	23	2			231				
TOTAL	0	536	10149	12113	14957	1241	195	21	4	0	0	29216									
MAX	0.00	1.70	2.90	4.30	5.70	7.30	8.80	9.50	11.90	0.00	0.00										

DATE (MAX HEIGHT) 12h 22-MAR-88



1980-1989 Spring

AREA E055 (35.0N-37.5N, 140.0E-145.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	2.35 M				
															MEAN OF WAVE PERIOD	7.42SEC				
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							
10.75-													0							
9.75-													0							
8.75-													0							
7.75-									4	4			8							
6.75-									5	15			20							
5.75-										45	12		57							
4.75-										72	99	1	1	173						
3.75-										38	382	71	4	495						
2.75-										3	822	425	100	12	1362					
1.75-										954	1472	392	65	4	1	2888				
0.75-										157	1247	735	145	8		2292				
0.00-										10	46	8				64				
TOTAL	0	167	2250	3075	1416	393	52	6	1	0	0	7360								
MAX	0.00	1.60	2.80	4.20	5.50	7.20	8.60	8.60	11.90	0.00	0.00									

DATE (MAX HEIGHT) 12h 22-MAR-88

1980-1989 Summer

AREA E055 (35.0N-37.5N, 140.0E-145.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	2.07 M						
															MEAN OF WAVE PERIOD	7.37SEC						
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									
7.75-													1									
6.75-													9	1	10							
5.75-													21	11	32							
4.75-													17	62	79							
3.75-													4	170	27	10	2	213				
2.75-													1	493	286	59	8	847				
1.75-													873	1673	554	94	6	3200				
0.75-													71	1571	1098	202	25	2967				
0.00-													9					9				
TOTAL	0	71	2454	3268	1229	288	45	5	0	0	0	7360										
MAX	0.00	1.50	2.80	3.90	5.30	6.70	8.80	8.20	0.00	0.00	0.00											

DATE (MAX HEIGHT) 00h 23-AUG-81

1980-1989 Autumn

AREA E055 (35.0N-37.5N, 140.0E-145.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	2.22 M							
															MEAN OF WAVE PERIOD	7.32SEC							
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-													5	1	6								
6.75-													4	21	1	26							
5.75-													35	15		50							
4.75-													39	94	1	134							
3.75-													26	347	49	4	426						
2.75-													5	684	313	43	1	1047					
1.75-													1133	1259	357	45	5	2799					
0.75-													121	1520	805	192	48	2	2688				
0.00-													25	68	8			101					
TOTAL	0	146	2726	2782	1248	318	54	4	2	0	0	7280											
MAX	0.00	1.60	2.90	4.30	5.70	7.10	8.60	9.50	10.20	0.00	0.00												

DATE (MAX HEIGHT) 18h 09-OCT-82

1980-1989 Winter

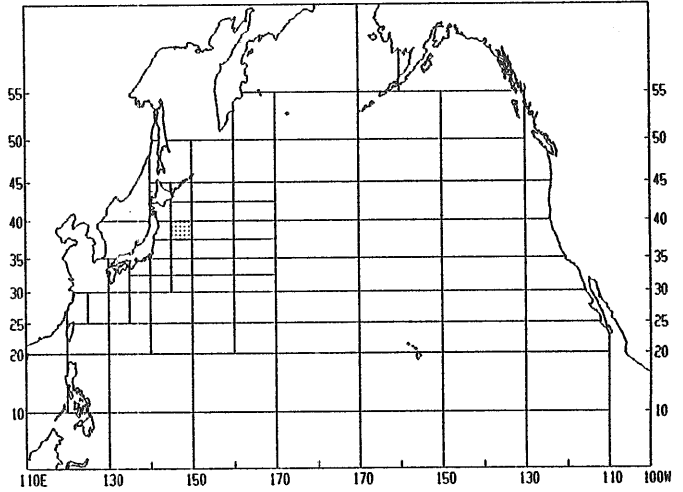
AREA E055 (35.0N-37.5N, 140.0E-145.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	2.45 M							
															MEAN OF WAVE PERIOD	7.27SEC							
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL											
14.75-													0										
13.75-													0										
12.75-													0										
11.75-													0										
10.75-													0										
9.75-													0										
8.75-													3										
7.75-													3	2	5								
6.75-													2	17	19								
5.75-													40	13	53								
4.75-													63	120	1	184							
3.75-													54	483	33	4	1	1	576				
2.75-													7	1160	312	28	3	1510					
1.75-													1334	1321	140	11	3	2809					
0.75-													137	1345	446	64	8	2000					
0.00-													15	33	7	2		57					
TOTAL	0	152	2719	2988	1064	242	44	6	1	0	0	7216											
MAX	0.00	1.70	2.90	4.30	5.70	7.30	8.50	9.10	4.60	0.00	0.00												

DATE (MAX HEIGHT) 00h 16-FEB-86

1980-1989 All seasons

AREA E06N (37.5N-40.0N, 145.0E-150.0E)		PERIOD (SEC)														MEAN OF WAVE HEIGHT 2.83 M	MEAN OF WAVE PERIOD 7.64SEC										
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL															
14.75-													0														
13.75-													1														
12.75-													0														
11.75-													1														
10.75-													2														
9.75-													5														
8.75-													15														
7.75-													53														
6.75-													105														
5.75-													349														
4.75-													664														
3.75-													1643														
2.75-													3508														
1.75-													5621														
0.75-													2633														
0.00-													8														
TOTAL	0	70	3707	6044	3432	1026	280	44	4	1	0	14608															
MAX	0.00	1.60	2.90	4.20	5.70	7.40	8.80	11.10	12.30	14.20	0.00																

DATE (MAX HEIGHT) 00h 18-FEB-83



1980-1989 Spring

AREA E06N (37.5N-40.0N, 145.0E-150.0E)		PERIOD (SEC)														MEAN OF WAVE HEIGHT 3.00 M	MEAN OF WAVE PERIOD 7.76SEC										
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														
8.75-													3														
7.75-													22														
6.75-													43														
5.75-													118														
4.75-													204														
3.75-													469														
2.75-													906														
1.75-													1344														
0.75-													569														
0.00-													0														
TOTAL	0	15	852	1425	914	350	112	12	0	0	0	3680															
MAX	0.00	1.50	2.80	4.20	5.70	7.20	8.60	10.00	0.00	0.00	0.00																

DATE (MAX HEIGHT) 12h 29-MAR-86

1980-1989 Summer

AREA E06N (37.5N-40.0N, 145.0E-150.0E)		PERIOD (SEC)														MEAN OF WAVE HEIGHT 2.37 M	MEAN OF WAVE PERIOD 7.42SEC										
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														
7.75-													4														
6.75-													13														
5.75-													32														
4.75-													66														
3.75-													250														
2.75-													620														
1.75-													1604														
0.75-													1090														
0.00-													0														
TOTAL	0	37	1196	1564	705	138	35	5	0	0	0	3680															
MAX	0.00	1.50	2.80	3.80	5.40	6.80	7.80	9.20	0.00	0.00	0.00																

DATE (MAX HEIGHT) 18h 04-AUG-81

1980-1989 Autumn

AREA E06N (37.5N-40.0N, 145.0E-150.0E)		PERIOD (SEC)														MEAN OF WAVE HEIGHT 2.76 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-													1														
10.75-													2														
9.75-													0														
8.75-													6														
7.75-													16														
6.75-													23														
5.75-													60														
4.75-													143														
3.75-													329														
2.75-													920														
1.75-													1477														
0.75-													655														
0.00-													8														
TOTAL	0	15	991	1573	787	199	60	12	3	0	0	3640															
MAX	0.00	1.60	2.90	4.20	5.70	7.40	8.80	11.10	12.30	0.00	0.00																

DATE (MAX HEIGHT) 12h 09-OCT-82

1980-1989 Winter

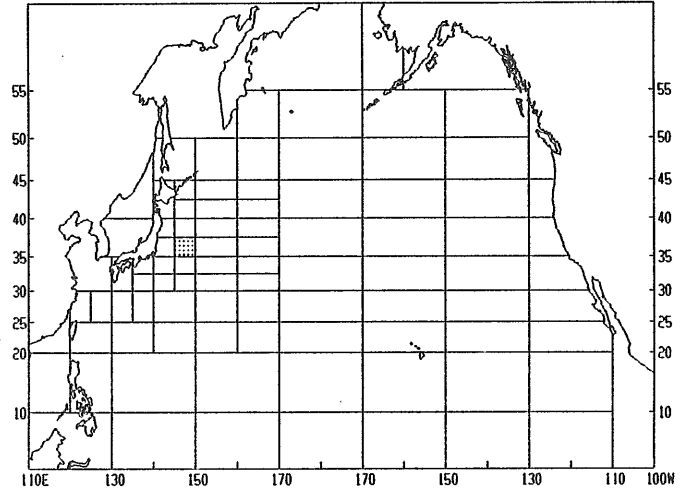
AREA E06N (37.5N-40.0N, 145.0E-150.0E)		PERIOD (SEC)														MEAN OF WAVE HEIGHT 3.21 M	MEAN OF WAVE PERIOD 7.81SEC										
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL															
14.75-													0														
13.75-													1														
12.75-													0														
11.75-													0														
10.75-													0														
9.75-													3														
8.75-													5														
7.75-													11														
6.75-													26														
5.75-													139														
4.75-													251														
3.75-													595														
2.75-													1062														
1.75-													1196														
0.75-													319														
0.00-													0														
TOTAL	0	3	668	1482	1026	339	73	15	1	1	0	3608															
MAX	0.00	1.60	2.70	4.20	5.70	7.40	8.60	10.10	10.20	14.20	0.00																

DATE (MAX HEIGHT) 00h 18-FEB-83

1980-1989 All seasons

AREA E065 (35.0N-37.5N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 2.99 M MEAN OF WAVE PERIOD 7.75SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14-	TOTAL		
14.75-			0
13.75-			2
12.75-			2
11.75-			2
10.75-			7
9.75-			14
8.75-			24
7.75-			59
6.75-			167
5.75-			440
4.75-			895
3.75-			1726
2.75-			3539
1.75-			5527
0.75-			2201
0.00-			3
TOTAL			14608
MAX			

DATE (MAX HEIGHT) 12h 31-JUL-88



1980-1989 Spring

AREA E065 (35.0N-37.5N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 3.17 M MEAN OF WAVE PERIOD 7.85SEC	
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-			2
9.75-			5
8.75-			8
7.75-			20
6.75-			57
5.75-			144
4.75-			295
3.75-			465
2.75-			947
1.75-			1299
0.75-			437
0.00-			0
TOTAL			3680
MAX			

DATE (MAX HEIGHT) 12h 15-MAR-81

1980-1989 Summer

AREA E065 (35.0N-37.5N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 2.45 M MEAN OF WAVE PERIOD 7.45SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14-	TOTAL		
14.75-			0
13.75-			1
12.75-			0
11.75-			0
10.75-			1
9.75-			1
8.75-			3
7.75-			3
6.75-			7
5.75-			36
4.75-			111
3.75-			271
2.75-			631
1.75-			1577
0.75-			1035
0.00-			3
TOTAL			3680
MAX			

DATE (MAX HEIGHT) 12h 31-JUL-88

1980-1989 Autumn

AREA E065 (35.0N-37.5N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 2.90 M MEAN OF WAVE PERIOD 7.68SEC	
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-			0
10.75-			0
9.75-			6
8.75-			8
7.75-			10
6.75-			41
5.75-			98
4.75-			148
3.75-			398
2.75-			983
1.75-			1496
0.75-			551
0.00-			0
TOTAL			3640
MAX			

DATE (MAX HEIGHT) 00h 08-OCT-89

1980-1989 Winter

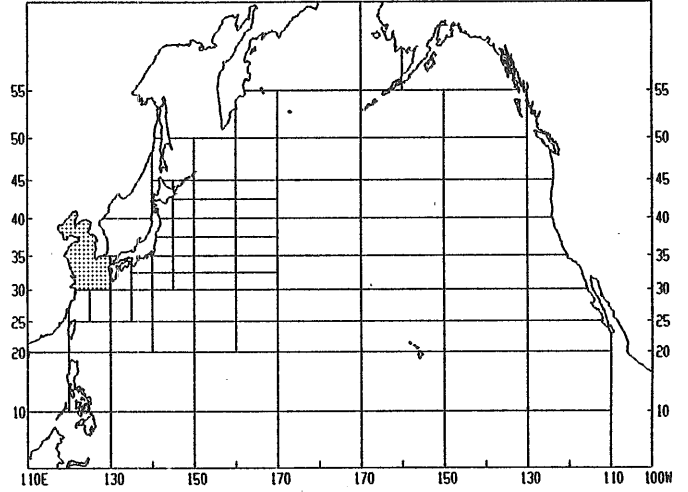
AREA E065 (35.0N-37.5N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 3.46 M MEAN OF WAVE PERIOD 8.05SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14-	TOTAL		
14.75-			0
13.75-			1
12.75-			1
11.75-			1
10.75-			4
9.75-			2
8.75-			5
7.75-			26
6.75-			62
5.75-			162
4.75-			341
3.75-			592
2.75-			1078
1.75-			1155
0.75-			178
0.00-			0
TOTAL			3608
MAX			

DATE (MAX HEIGHT) 00h 04-JAN-84

1980-1989 All seasons

AREA E07 (30.0N-40.0N, 120.0E-130.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT 1.56 M	MEAN OF WAVE PERIOD 6.51SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL				
14.75-												0	0			
13.75-												0	0			
12.75-												0	0			
11.75-												4	4			
10.75-												2	2			
9.75-												3	1	4		
8.75-												2	6	1	9	
7.75-												9	10		19	
6.75-												6	42	7	55	
5.75-												142	43		185	
4.75-												188	481	1	670	
3.75-												135	2203	154	2496	
2.75-												48	6481	1575	8163	
1.75-												6	16752	9263	26888	
0.75-												19912	30471	7226	59305	
0.00-												1250	11156	5546	13064	
TOTAL	1250	31074	52817	24129	6124	1223	184	54	9	0	0	116864				
MAX	0.70	1.80	2.90	4.30	5.70	7.40	9.30	10.50	12.20	0.00	0.00					

DATE (MAX HEIGHT) 12h 19-AUG-84



1980-1989 Spring

AREA E07 (30.0N-40.0N, 120.0E-130.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT 1.49 M	MEAN OF WAVE PERIOD 6.41SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL				
14.75-												0	0			
13.75-												0	0			
12.75-												0	0			
11.75-												0	0			
10.75-												0	0			
9.75-												0	0			
8.75-												0	0			
7.75-												0	0			
6.75-												0	0			
5.75-												11	2	13		
4.75-												38	56	94		
3.75-												37	341	18	397	
2.75-												13	1438	254	1711	
1.75-												1	4687	1974	6771	
0.75-												5629	8221	1638	15696	
0.00-												210	2712	1594	4758	
TOTAL	210	8342	14515	5321	924	124	4	0	0	0	0	29440				
MAX	0.70	1.80	2.90	4.30	5.60	6.30	6.30	0.00	0.00	0.00	0.00					

DATE (MAX HEIGHT) 12h 20-APR-87

1980-1989 Summer

AREA E07 (30.0N-40.0N, 120.0E-130.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT 1.44 M	MEAN OF WAVE PERIOD 6.74SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL				
14.75-												0	0			
13.75-												0	0			
12.75-												0	0			
11.75-												4	4			
10.75-												2	2			
9.75-												3	1	4		
8.75-												2	3	1	6	
7.75-												5	6	11		
6.75-												3	21	5	29	
5.75-												43	16	59		
4.75-												15	91	1	107	
3.75-												5	276	63	347	
2.75-												5	850	300	1274	
1.75-												2627	2592	459	5776	
0.75-												3091	9266	3688	17188	
0.00-												12	2320	1838	4633	
TOTAL	12	5411	13736	7547	2013	543	124	45	9	0	0	29440				
MAX	0.60	1.70	2.90	3.90	5.20	7.40	9.30	10.50	12.20	0.00	0.00					

DATE (MAX HEIGHT) 12h 19-AUG-84

1980-1989 Autumn

AREA E07 (30.0N-40.0N, 120.0E-130.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT 1.49 M	MEAN OF WAVE PERIOD 6.45SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL				
14.75-												0	0			
13.75-												0	0			
12.75-												0	0			
11.75-												0	0			
10.75-												0	0			
9.75-												0	0			
8.75-												1	1			
7.75-												2	3	5		
6.75-												2	10	1	13	
5.75-												37	13	50		
4.75-												59	144	203		
3.75-												31	542	37	610	
2.75-												7	1459	376	1856	
1.75-												4014	1985	121	6132	
0.75-												4844	7437	1489	14092	
0.00-												402	3613	1785	6158	
TOTAL	402	8457	13243	5296	1409	277	31	5	0	0	0	29120				
MAX	0.70	1.70	2.90	4.10	5.30	7.10	8.40	9.30	0.00	0.00	0.00					

DATE (MAX HEIGHT) 00h 24-NOV-85

1980-1989 Winter

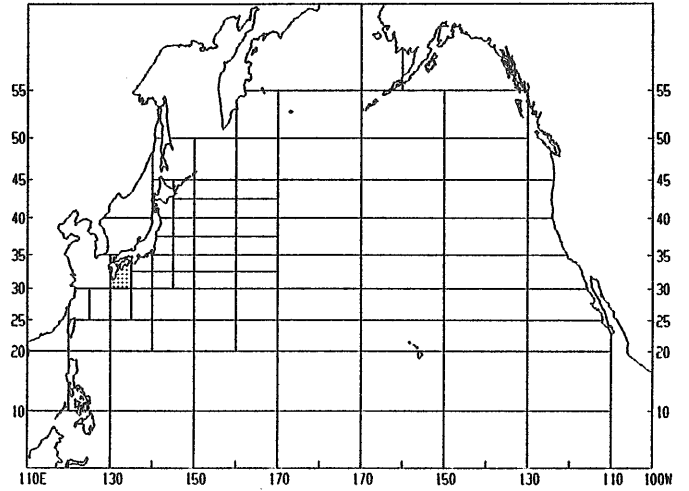
AREA E07 (30.0N-40.0N, 120.0E-130.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT 1.81 M	MEAN OF WAVE PERIOD 6.46SEC
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL				
14.75-												0	0			
13.75-												0	0			
12.75-												0	0			
11.75-												0	0			
10.75-												0	0			
9.75-												0	0			
8.75-												2	2			
7.75-												2	1	3		
6.75-												1	11	1	13	
5.75-												51	12	63		
4.75-												76	190	266		
3.75-												62	1044	36	1142	
2.75-												23	2734	565	3322	
1.75-												5	5424	2712	8209	
0.75-												6348	5547	411	12329	
0.00-												626	2511	329	3515	
TOTAL	626	8864	11323	5965	1778	279	25	4	0	0	0	28864				
MAX	0.70	1.80	2.80	4.20	5.70	6.90	8.20	8.90	0.00	0.00	0.00					

DATE (MAX HEIGHT) 00h 13-JAN-87

1980-1989 All seasons

AREA E08 (30.0N-35.0N, 130.0E-135.0E)		MEAN OF WAVE HEIGHT 1.80 M MEAN OF WAVE PERIOD 6.94SEC											
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-									2	2			4
7.75-								6	8				14
6.75-								23	5				28
5.75-								30	31				61
4.75-								37	162	1			200
3.75-								30	543	70	7	1	651
2.75-								9	1836	625	49	4	2625
1.75-								4553	4023	619	80	1	9276
0.75-								1778	9323	3458	673	113	15353
0.00-								339	637	126	2		1104
TOTAL		0	2117	14522	9473	2499	504	81	18	2	0	0	23216
MAX		0.00	1.60	2.90	4.20	5.50	6.70	8.70	9.10	9.70	0.00	0.00	

DATE (MAX HEIGHT) 18h 10-SEP-80



1980-1989 Spring

AREA E08 (30.0N-35.0N, 130.0E-135.0E)		MEAN OF WAVE HEIGHT 1.76 M MEAN OF WAVE PERIOD 6.85SEC											
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-									2				2
6.75-									4				4
5.75-									5	2			7
4.75-									9	25			34
3.75-									10	93	6		109
2.75-									5	463	128	11	608
1.75-									1335	972	111	20	2438
0.75-									444	2498	737	145	3861
0.00-									79	198	20		297
TOTAL		0	523	4036	2202	486	104	9	0	0	0	0	7360
MAX		0.00	1.60	2.90	4.20	5.30	6.70	8.70	0.00	0.00	0.00	0.00	

DATE (MAX HEIGHT) 12h 30-APR-89

1980-1989 Summer

AREA E08 (30.0N-35.0N, 130.0E-135.0E)		MEAN OF WAVE HEIGHT 1.82 M MEAN OF WAVE PERIOD 7.07SEC											
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
8.75-													1
7.75-													10
6.75-													17
5.75-													35
4.75-													80
3.75-													171
2.75-													539
1.75-													2243
0.75-													4092
0.00-													172
TOTAL		0	390	3418	2520	752	217	49	14	0	0	0	7360
MAX		0.00	1.60	2.60	3.90	5.40	6.50	7.90	9.00	0.00	0.00	0.00	

DATE (MAX HEIGHT) 12h 12-AUG-85

1980-1989 Autumn

AREA E08 (30.0N-35.0N, 130.0E-135.0E)		MEAN OF WAVE HEIGHT 1.74 M MEAN OF WAVE PERIOD 7.02SEC											
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
7.75-													3
6.75-													1
5.75-													9
4.75-													31
3.75-													132
2.75-													585
1.75-													2261
0.75-													3893
0.00-													365
TOTAL		0	504	3218	2615	819	108	12	2	2	0	0	7280
MAX		0.00	1.60	2.80	4.00	5.10	5.90	7.30	9.10	9.70	0.00	0.00	

DATE (MAX HEIGHT) 18h 10-SEP-80

1980-1989 Winter

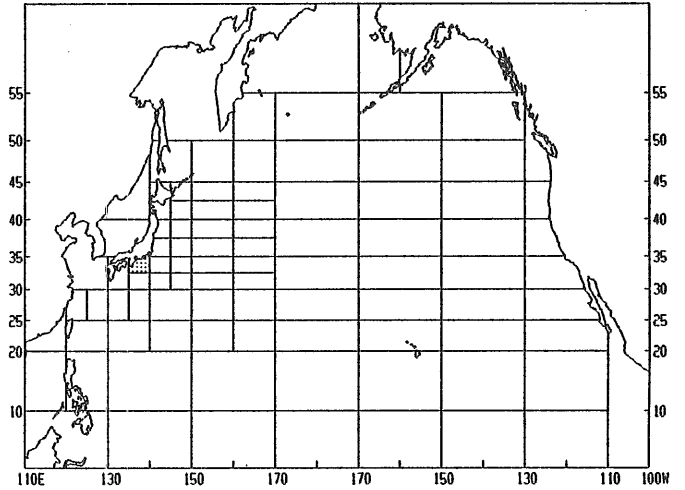
AREA E08 (30.0N-35.0N, 130.0E-135.0E)		MEAN OF WAVE HEIGHT 1.89 M MEAN OF WAVE PERIOD 6.80SEC											
HEIGHT (M)	PERIOD (SEC)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-													0
13.75-													0
12.75-													0
11.75-													0
10.75-													0
9.75-													0
8.75-													0
7.75-													2
6.75-													6
5.75-													10
4.75-													55
3.75-													239
2.75-													793
1.75-													2334
0.75-													3507
0.00-													270
TOTAL		0	700	3850	2136	442	75	11	2	0	0	0	7216
MAX		0.00	1.60	2.80	4.20	5.50	6.50	7.80	8.10	0.00	0.00	0.00	

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

1980-1989 All seasons

AREA E09N (32.5N-35.0N, 135.0E-140.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	1.75 M	
															MEAN OF WAVE PERIOD	7.09SEC	
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				2				
7.75-									2	3			5				
6.75-						1	13	1					15				
5.75-							31	11					42				
4.75-							58	88					146				
3.75-							43	452	45	11			552				
2.75-							8	1691	624	95	8		2426				
1.75-							3790	3731	1181	305	28	4	9039				
0.75-							1632	7507	4860	1303	227	22	15551				
0.00-							363	827	237	9			1436				
TOTAL	0	1995	12132	10562	3627	792	95	12	1	0	0	29216					
MAX	0.00	1.70	2.90	4.00	5.50	7.10	8.20	10.20	4.20	0.00	0.00						

DATE (MAX HEIGHT) 00h 12-OCT-84



1980-1989 Spring

AREA E09N (32.5N-35.0N, 135.0E-140.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	1.75 M	
															MEAN OF WAVE PERIOD	7.11SEC	
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-										2			2				
5.75-								6					6				
4.75-								14	13				27				
3.75-								11	96	6	1		114				
2.75-								4	408	169	27	1	609				
1.75-								952	1038	364	105	12	2471				
0.75-								373	1828	1149	307	57	3715				
0.00-								105	234	76	1		416				
TOTAL	0	478	3018	2682	951	214	17	0	0	0	0	7360					
MAX	0.00	1.60	2.80	4.00	5.40	6.50	7.10	0.00	0.00	0.00	0.00						

DATE (MAX HEIGHT) 12h 21-MAR-88

1980-1989 Summer

AREA E09N (32.5N-35.0N, 135.0E-140.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	1.78 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-													0								
8.75-													0								
7.75-											1	2	3								
6.75-											1	6	1	8							
5.75-											14	8	22								
4.75-											18	37	55								
3.75-											1	103	20	5	129						
2.75-											275	202	32	4	513						
1.75-											718	1045	410	79	10	4	2266				
0.75-											178	1831	1738	418	54	16	4235				
0.00-											22	74	32				128				
TOTAL	0	200	2623	3091	1151	237	50	8	0	0	0	7360									
MAX	0.00	1.50	2.70	3.80	5.40	7.10	8.20	10.10	0.00	0.00	0.00										

DATE (MAX HEIGHT) 00h 27-AUG-89

1980-1989 Autumn

AREA E09N (32.5N-35.0N, 135.0E-140.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	1.72 M	
															MEAN OF WAVE PERIOD	7.16SEC	
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-													0				
5.75-													0				
4.75-													0				
3.75-													0				
2.75-													0				
1.75-													0				
0.75-													0				
0.00-													0				
TOTAL	0	470	2843	2659	1023	265	16	4	0	0	0	7280					
MAX	0.00	1.60	2.70	4.00	4.90	6.70	7.70	10.20	0.00	0.00	0.00						

DATE (MAX HEIGHT) 00h 12-OCT-84

1980-1989 Winter

AREA E09N (32.5N-35.0N, 135.0E-140.0E)		PERIOD (SEC)													MEAN OF WAVE HEIGHT	1.77 M	
															MEAN OF WAVE PERIOD	6.80SEC	
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-													0				
8.75-													0				
7.75-													0				
6.75-													0				
5.75-													0				
4.75-													0				
3.75-													0				
2.75-													0				
1.75-													0				
0.75-													0				
0.00-													0				
TOTAL	0	847	3648	2130	502	76	12	0	1	0	0	7216					
MAX	0.00	1.70	2.90	4.00	5.50	6.70	8.10	0.00	4.20	0.00	0.00						

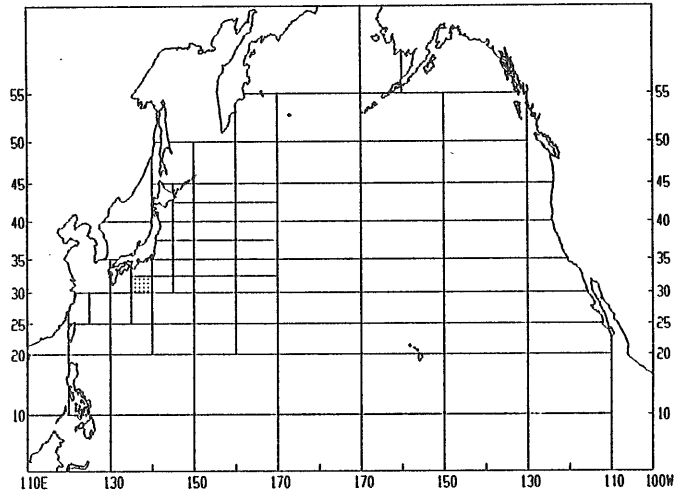
DATE (MAX HEIGHT) 00h 17-FEB-89

1980-1989 All seasons

AREA E09S  
 (30.0N-32.5N, 135.0E-140.0E) MEAN OF WAVE HEIGHT 2.24 M  
 PERIOD (SEC) MEAN OF WAVE PERIOD 7.16SEC

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
9.75-								3				3
8.75-								1	6			7
7.75-								6	5			11
6.75-								5	18	3		26
5.75-								66	29			95
4.75-								80	252			332
3.75-								50	777	64	4	895
2.75-								7	1656	568	19	2252
1.75-								2731	2423	240	23	5425
0.75-								505	3398	1271	234	5438
0.00-								27	83	12		122
TOTAL	0	532	6219	5412	1893	455	72	18	1	0	0	14608
MAX	0.00	1.70	2.90	4.30	5.60	7.20	9.20	10.90	12.50	0.00	0.00	

DATE (MAX HEIGHT) 12h 15-SEP-87



1980-1989 Spring

AREA E09S  
 (30.0N-32.5N, 135.0E-140.0E) MEAN OF WAVE HEIGHT 2.24 M  
 PERIOD (SEC) 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-												0
6.75-												0
5.75-									15	2		17
4.75-									26	51		77
3.75-									17	186	19	222
2.75-									1	490	129	627
1.75-									758	610	64	1439
0.75-									142	836	245	1261
0.00-									13	23	1	37
TOTAL	0	155	1618	1363	439	103	2	0	0	0	0	3680
MAX	0.00	1.70	2.80	4.10	5.50	6.70	6.30	0.00	0.00	0.00	0.00	

DATE (MAX HEIGHT) 12h 31-MAR-89

1980-1989 Summer

AREA E09S  
 (30.0N-32.5N, 135.0E-140.0E) MEAN OF WAVE HEIGHT 2.13 M  
 PERIOD (SEC) MEAN OF WAVE PERIOD 7.18SEC

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-											5	5
7.75-										3	3	6
6.75-										8	1	9
5.75-										15	10	25
4.75-										8	52	60
3.75-										3	157	177
2.75-										1	328	493
1.75-										615	589	1274
0.75-										134	929	1607
0.00-										2	19	24
TOTAL	0	136	1564	1360	478	100	33	9	0	0	0	3680
MAX	0.00	1.50	2.80	4.00	5.20	6.50	8.30	9.00	0.00	0.00	0.00	

DATE (MAX HEIGHT) 12h 30-JUN-85

1980-1989 Autumn

AREA E09S  
 (30.0N-32.5N, 135.0E-140.0E) MEAN OF WAVE HEIGHT 2.13 M  
 PERIOD (SEC) MEAN OF WAVE PERIOD 7.20SEC

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-												0
9.75-										3		3
8.75-									1	1		2
7.75-									3	2		5
6.75-									1	6	2	9
5.75-										14	6	20
4.75-										17	69	86
3.75-										4	141	162
2.75-										307	145	459
1.75-										561	638	1309
0.75-										125	861	1532
0.00-										12	35	52
TOTAL	0	137	1457	1403	484	128	22	8	1	0	0	3640
MAX	0.00	1.60	2.60	3.80	5.40	7.20	9.20	10.30	12.50	0.00	0.00	

DATE (MAX HEIGHT) 12h 15-SEP-87

1980-1989 Winter

AREA E09S  
 (30.0N-32.5N, 135.0E-140.0E) MEAN OF WAVE HEIGHT 2.47 M  
 PERIOD (SEC) MEAN OF WAVE PERIOD 7.17SEC

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-												0
7.75-												0
6.75-											4	4
5.75-											22	33
4.75-											29	109
3.75-											26	334
2.75-											5	673
1.75-											797	1403
0.75-											104	1038
0.00-											6	9
TOTAL	0	104	1580	1286	498	124	15	1	0	0	0	3608
MAX	0.00	1.60	2.90	4.30	5.60	7.20	7.40	10.90	0.00	0.00	0.00	

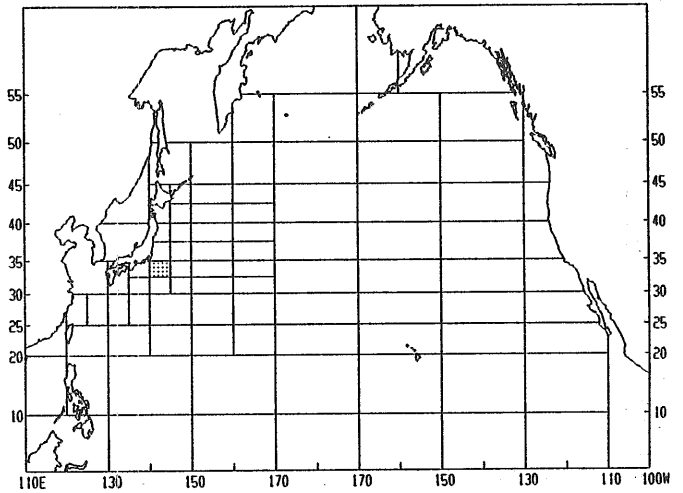
DATE (MAX HEIGHT) 00h 16-JAN-90



1980-1989 All seasons

AREA E10N (32.5N-35.0N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 2.60 M MEAN OF WAVE PERIOD 7.45SEC	
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-		0	
10.75-		0	
9.75-		2	
8.75-		2	
7.75-		3	
6.75-		11	
5.75-		67	
4.75-		220	
3.75-		558	
2.75-		1304	
1.75-		3090	
0.75-		5798	
0.00-		3524	
TOTAL		14608	
MAX	0.00 1.60 2.90 4.20 5.70 7.60 8.80 10.20 13.40 4.70 5.60		

DATE (MAX HEIGHT) 12h 14-SEP-88



1980-1989 Spring

AREA E10N (32.5N-35.0N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 2.71 M MEAN OF WAVE PERIOD 7.50SEC	
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-		3	
6.75-		13	
5.75-		77	
4.75-		174	
3.75-		367	
2.75-		833	
1.75-		1424	
0.75-		784	
0.00-		4	
TOTAL		3680	
MAX	0.00 1.50 2.90 4.20 5.70 7.60 8.80 0.00 0.00 0.00 0.00		

DATE (MAX HEIGHT) 00h 12-MAR-88

1980-1989 Summer

AREA E10N (32.5N-35.0N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 2.33 M MEAN OF WAVE PERIOD 7.36SEC	
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-		1	
7.75-		1	
6.75-		17	
5.75-		24	
4.75-		108	
3.75-		229	
2.75-		588	
1.75-		1456	
0.75-		1248	
0.00-		6	
TOTAL		3680	
MAX	0.00 1.60 2.60 3.90 5.50 7.00 7.70 10.20 0.00 0.00 0.00		

DATE (MAX HEIGHT) 00h 01-JUL-85

1980-1989 Autumn

AREA E10N (32.5N-35.0N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 2.51 M MEAN OF WAVE PERIOD 7.42SEC	
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-		0	
10.75-		0	
9.75-		0	
8.75-		1	
7.75-		5	
6.75-		21	
5.75-		50	
4.75-		116	
3.75-		282	
2.75-		698	
1.75-		1433	
0.75-		1020	
0.00-		13	
TOTAL		3640	
MAX	0.00 1.60 2.90 4.10 5.60 7.30 8.40 8.80 13.40 4.70 5.60		

DATE (MAX HEIGHT) 12h 14-SEP-88

1980-1989 Winter

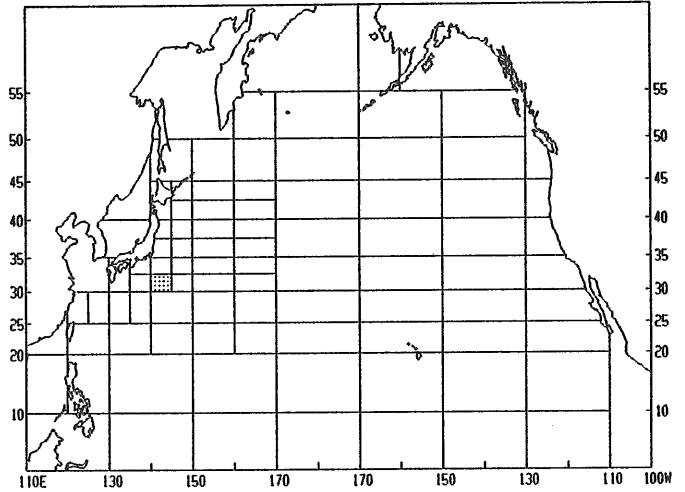
AREA E10N (32.5N-35.0N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 2.85 M MEAN OF WAVE PERIOD 7.62SEC	
HEIGHT (M)	PERIOD (SEC)		
	0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14-	TOTAL	
14.75-		0	
13.75-		0	
12.75-		0	
11.75-		0	
10.75-		0	
9.75-		0	
8.75-		0	
7.75-		2	
6.75-		16	
5.75-		69	
4.75-		160	
3.75-		426	
2.75-		971	
1.75-		1485	
0.75-		472	
0.00-		7	
TOTAL		3608	
MAX	0.00 1.50 2.80 4.20 5.70 7.00 8.50 7.70 0.00 0.00 0.00		

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

1980-1989 All seasons

AREA E10S (30.0N-32.5N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 2.42 M MEAN OF WAVE PERIOD 7.36SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			1
13.75-			1
12.75-			1
11.75-			2
10.75-			0
9.75-			3
8.75-			5
7.75-			6
6.75-			15
5.75-			60
4.75-			226
3.75-			809
2.75-			2136
1.75-			5528
0.75-			12118
0.00-			8217
TOTAL			91
MAX			23216
0.00	1.60	2.90	4.20 5.80 7.40 8.90 10.30 10.30 13.90 16.50

DATE (MAX HEIGHT) 00h 15-SEP-88



1980-1989 Spring

AREA E10S (30.0N-32.5N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 2.48 M MEAN OF WAVE PERIOD 7.36SEC	
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-			10
5.75-			61
4.75-			186
3.75-			590
2.75-			1616
1.75-			3045
0.75-			1031
0.00-			20
TOTAL			7360
MAX			0.00 0.00 0.00
0.00	1.60	2.90	4.20 5.80 6.90 7.90 0.00 0.00 0.00

DATE (MAX HEIGHT) 00h 22-MAR-88

1980-1989 Summer

AREA E10S (30.0N-32.5N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 2.18 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-			3
7.75-			3
6.75-			12
5.75-			38
4.75-			143
3.75-			372
2.75-			989
1.75-			2919
0.75-			2855
0.00-			26
TOTAL			7360
MAX			0.00 0.00 0.00
0.00	1.50	2.80	3.90 5.20 6.80 7.90 9.50 0.00 0.00 0.00

DATE (MAX HEIGHT) 00h 01-JUL-85

1980-1989 Autumn

AREA E10S (30.0N-32.5N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 2.31 M MEAN OF WAVE PERIOD 7.35SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			1
13.75-			1
12.75-			1
11.75-			2
10.75-			0
9.75-			5
8.75-			3
7.75-			9
6.75-			20
5.75-			59
4.75-			170
3.75-			421
2.75-			1108
1.75-			3048
0.75-			2399
0.00-			33
TOTAL			7280
MAX			0.00 0.00 0.00
0.00	1.60	2.90	4.10 5.70 7.40 8.90 10.30 10.30 13.90 16.50

DATE (MAX HEIGHT) 00h 15-SEP-88

1980-1989 Winter

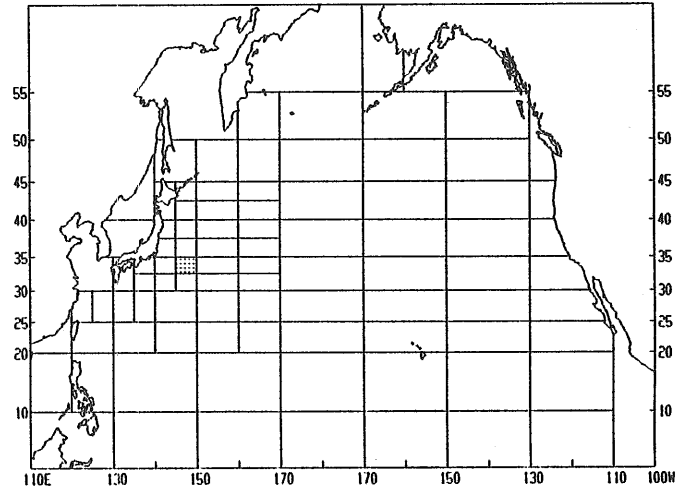
AREA E10S (30.0N-32.5N, 140.0E-145.0E)		MEAN OF WAVE HEIGHT 2.72 M MEAN OF WAVE PERIOD 7.46SEC	
HEIGHT (M)	PERIOD (SEC)		
0- 5- 6- 7- 8- 9- 10- 11- 12- 13- 14- TOTAL			
14.75-			0
13.75-			0
12.75-			0
11.75-			0
10.75-			0
9.75-			0
8.75-			0
7.75-			2
6.75-			18
5.75-			68
4.75-			310
3.75-			753
2.75-			1815
1.75-			3106
0.75-			1132
0.00-			12
TOTAL			7216
MAX			0.00 0.00 0.00
0.00	1.60	2.80	4.20 5.50 6.90 8.60 7.20 0.00 0.00 0.00

DATE (MAX HEIGHT) 00h 10-JAN-89

1980-1989 All seasons

AREA E11N (32.5N-35.0N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 2.70 M MEAN OF WAVE PERIOD 7.58SEC												
		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-									1	2	1		4	
8.75-									4				4	
7.75-								8	7				15	
6.75-							13	59	5				77	
5.75-							129	93					222	
4.75-					149	444	4						597	
3.75-				71	1129	172	8	1					1381	
2.75-			10	2040	1254	97	10						3411	
1.75-			2051	3373	619	46	1						6090	
0.75-		90	1587	1009	104	9							2793	
0.00-		2	6										8	
TOTAL	0	92	3654	6493	3255	910	103	18	2	1	0		14608	
MAX	0.00	1.70	2.80	4.30	5.70	7.50	8.30	10.10	10.60	10.50	0.00			

DATE (MAX HEIGHT) 00h 15-SEP-88



1980-1989 Spring

AREA E11N (32.5N-35.0N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 2.82 M MEAN OF WAVE PERIOD 7.63SEC												
		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-								2	1				3	
6.75-							3	16	2				21	
5.75-							51	34					85	
4.75-					57	119	1						177	
3.75-				25	328	58	4	1					416	
2.75-			2	526	333	41	6						908	
1.75-			519	757	159	12							1447	
0.75-		30	399	168	25	1							623	
0.00-													0	
TOTAL	0	30	920	1476	902	285	63	4	0	0	0		3680	
MAX	0.00	1.70	2.80	4.10	5.70	7.10	8.10	8.10	0.00	0.00	0.00			

DATE (MAX HEIGHT) 12h 04-APR-85

1980-1989 Summer

AREA E11N (32.5N-35.0N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 2.30 M MEAN OF WAVE PERIOD 7.40SEC												
		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-											1		1	
7.75-										1	1		2	
6.75-										10			10	
5.75-									7	9			16	
4.75-									5	50	1		56	
3.75-									3	167	19		189	
2.75-									1	356	236	19	613	
1.75-									480	923	223	15	1641	
0.75-									33	634	451	27	1148	
0.00-										2			2	
TOTAL	0	33	1117	1733	658	113	22	3	0	1	0		3680	
MAX	0.00	1.60	2.80	4.00	5.00	6.30	8.00	9.30	0.00	10.50	0.00			

DATE (MAX HEIGHT) 00h 31-JUL-88

1980-1989 Autumn

AREA E11N (32.5N-35.0N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 2.62 M MEAN OF WAVE PERIOD 7.52SEC												
		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-											2		2	
8.75-											2		2	
7.75-											2	3	5	
6.75-							3	12	3				18	
5.75-							24	29					53	
4.75-						28	77	2					107	
3.75-					13	222	48	4					287	
2.75-			3	496	293	26	3						821	
1.75-			613	851	132	17	1						1614	
0.75-		19	390	270	42	5							726	
0.00-		1	4										5	
TOTAL	0	20	1010	1630	717	200	53	8	2	0	0		3640	
MAX	0.00	1.50	2.80	3.90	5.50	7.20	8.30	8.90	10.60	0.00	0.00			

DATE (MAX HEIGHT) 00h 15-SEP-88

1980-1989 Winter

AREA E11N (32.5N-35.0N, 145.0E-150.0E)		MEAN OF WAVE HEIGHT 3.07 M MEAN OF WAVE PERIOD 7.76SEC												
		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-												1	1	
8.75-													0	
7.75-												3	5	
6.75-										7	21		28	
5.75-										47	21		68	
4.75-										59	198		257	
3.75-										30	412	47	489	
2.75-										4	662	392	11	1069
1.75-										439	842	105	2	1388
0.75-										8	164	120	10	302
0.00-										1				1
TOTAL	0	9	607	1654	978	312	45	3	0	0	0		3608	
MAX	0.00	1.60	2.80	4.30	5.70	7.50	8.30	10.10	0.00	0.00	0.00			

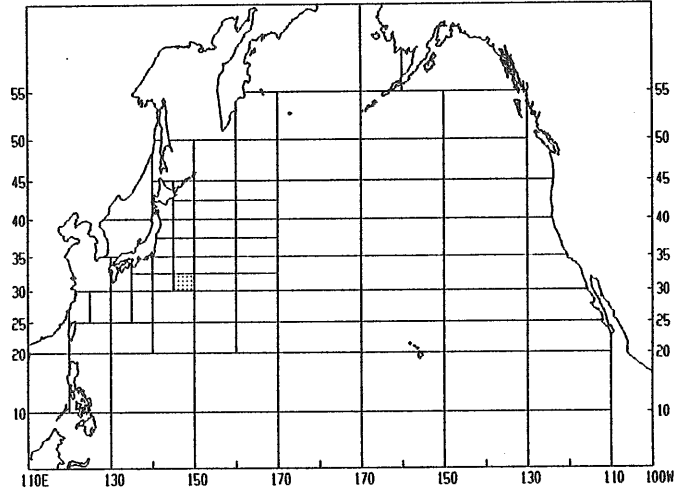
DATE (MAX HEIGHT) 00h 17-FEB-89

1980-1989 All seasons

AREA E115  
 (30.0N-32.5N, 145.0E-150.0E) MEAN OF WAVE HEIGHT 2.78 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-											1	1
13.75-										1		1
12.75-										1		1
11.75-									1			1
10.75-									1			1
9.75-								2	2			4
8.75-								9	1			10
7.75-							6	9				15
6.75-						12	73	2				87
5.75-				1	140	88						229
4.75-				194	501	5						700
3.75-			107	1317	164	6	4					1598
2.75-			12	2262	1161	92	4					3531
1.75-			2159	3182	518	41	6					5906
0.75-		96	1457	842	105	13						2513
0.00-			10									10
TOTAL	0	96	3638	6393	3296	963	188	26	5	2	1	14608
MAX	0.00	1.60	2.90	4.20	5.80	7.40	8.60	10.40	12.60	14.60	15.20	

DATE (MAX HEIGHT) 18h 30-JUL-88



1980-1989 Spring

AREA E115  
 (30.0N-32.5N, 145.0E-150.0E) MEAN OF WAVE HEIGHT 2.89 M  
 PERIOD (SEC) MEAN OF WAVE PERIOD 7.64SEC

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-						3	14	1				18
5.75-						46	17					63
4.75-				68	123	1						192
3.75-			34	398	33	2	4					471
2.75-		4	670	338	24	1						1037
1.75-		535	721	124	15	3						1398
0.75-		27	321	136	13	1						498
0.00-			3									3
TOTAL	0	27	863	1561	941	245	38	5	0	0	0	3680
MAX	0.00	1.50	2.80	4.00	5.70	7.40	7.60	7.60	0.00	0.00	0.00	

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

1980-1989 Summer

AREA E115  
 (30.0N-32.5N, 145.0E-150.0E) MEAN OF WAVE HEIGHT 2.35 M  
 PERIOD (SEC) MEAN OF WAVE PERIOD 7.34SEC

HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-											1	1
13.75-										1		1
12.75-										1		1
11.75-												0
10.75-												0
9.75-									1			1
8.75-						2						2
7.75-												0
6.75-									9			9
5.75-								8	13			21
4.75-								13	60	3		76
3.75-						7	195	22	1			225
2.75-			2	406	193	18	2					627
1.75-			607	837	137	8						1589
0.75-		45	663	376	32	6						1122
0.00-			5									5
TOTAL	0	45	1277	1626	576	122	28	2	1	2	1	3680
MAX	0.00	1.50	2.80	4.10	5.30	6.40	7.50	9.40	10.10	14.60	15.20	

DATE (MAX HEIGHT) 18h 30-JUL-88

1980-1989 Autumn

AREA E115  
 (30.0N-32.5N, 145.0E-150.0E) MEAN OF WAVE HEIGHT 2.66 M  
 PERIOD (SEC) MEAN OF WAVE PERIOD 7.53SEC

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
9.75-								2	1			3
8.75-								5	1			6
7.75-							3	8				11
6.75-						3	10					13
5.75-						31	17					48
4.75-				29	97	1						127
3.75-			25	268	43	2						338
2.75-		4	509	243	31	1						788
1.75-		645	799	115	12	3						1574
0.75-		18	388	263	48	5						728
0.00-			2									2
TOTAL	0	18	1039	1602	703	222	37	15	4	0	0	3640
MAX	0.00	1.60	2.90	4.20	5.70	7.00	8.50	10.40	12.60	0.00	0.00	

DATE (MAX HEIGHT) 00h 15-SEP-88

1980-1989 Winter

AREA E115  
 (30.0N-32.5N, 145.0E-150.0E) MEAN OF WAVE HEIGHT 3.25 M  
 PERIOD (SEC) MEAN OF WAVE PERIOD 7.91SEC

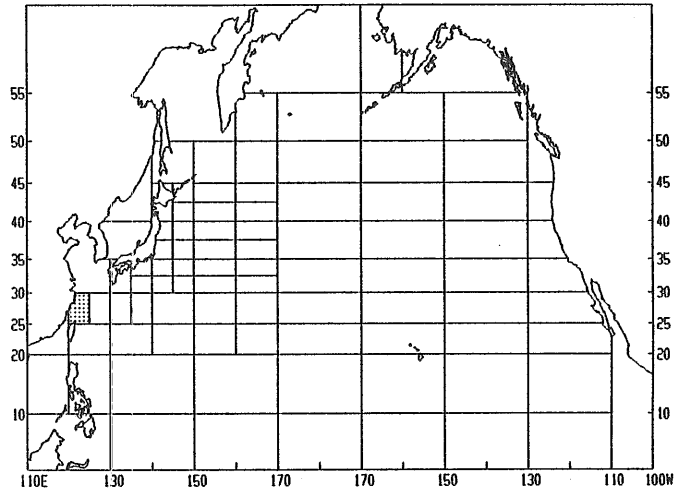
HEIGHT (M)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-												0
13.75-												0
12.75-												0
11.75-												0
10.75-												0
9.75-												0
8.75-										2		2
7.75-								3	1			4
6.75-								6	40	1		47
5.75-								1	55	41		97
4.75-								84	221			305
3.75-						41	456	66	1			564
2.75-			2	677	381	19						1079
1.75-			372	825	142	6						1345
0.75-		6	85	61	12	1						165
0.00-												0
TOTAL	0	6	459	1604	1076	374	85	4	0	0	0	3608
MAX	0.00	1.40	2.80	4.20	5.80	7.10	8.60	9.00	0.00	0.00	0.00	

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

1980-1989 All seasons

AREA E12W (25.0N-30.0N, 120.0E-125.0E)		MEAN OF WAVE HEIGHT 1.97 M MEAN OF WAVE PERIOD 6.93SEC											
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-										1			1
9.75-									1	3			4
8.75-									4	1			5
7.75-								2	11	1			14
6.75-							2	49	6				57
5.75-							124	76					200
4.75-					111	513	4						628
3.75-				44	1632	177	6						1759
2.75-			5	3683	1396	46	1	1					5132
1.75-			6925	6709	424	26	1						14085
0.75-		2847	13767	3315	333	20							20282
0.00-		730	852	71	2								1655
TOTAL		0	3577	21549	13822	3798	908	139	23	7	1	0	43824
MAX		0.00	1.70	2.90	4.20	5.70	6.90	7.80	10.00	12.30	12.60	0.00	

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



1980-1989 Spring

AREA E12W (25.0N-30.0N, 120.0E-125.0E)		MEAN OF WAVE HEIGHT 1.71 M MEAN OF WAVE PERIOD 6.74SEC											
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-							6	1					7
4.75-						11	38						49
3.75-				9	187	9							205
2.75-			1	636	150								787
1.75-			1889	1335	68	1							3293
0.75-		764	4391	1036	63								6254
0.00-		144	280	21									445
TOTAL		0	908	6561	3037	479	54	1	0	0	0	0	11040
MAX		0.00	1.70	2.80	4.20	5.70	6.00	6.20	0.00	0.00	0.00	0.00	

DATE (MAX HEIGHT) 18h 04-MAR-89

1980-1989 Summer

AREA E12W (25.0N-30.0N, 120.0E-125.0E)		MEAN OF WAVE HEIGHT 1.73 M MEAN OF WAVE PERIOD 6.80SEC											
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-										1			1
9.75-										1	3		4
8.75-										3	1		4
7.75-										4	1		5
6.75-											4		23
5.75-								14	19				33
4.75-								9	75	1			85
3.75-								177	40	4			221
2.75-									545	219	31	1	797
1.75-									1482	1307	179	25	2994
0.75-									998	3940	1097	181	6230
0.00-									329	293	17	2	641
TOTAL		0	1327	5715	2966	767	199	45	13	7	1	0	11040
MAX		0.00	1.60	2.70	3.70	5.10	6.70	7.60	10.00	12.30	12.60	0.00	

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

1980-1989 Autumn

AREA E12W (25.0N-30.0N, 120.0E-125.0E)		MEAN OF WAVE HEIGHT 2.08 M MEAN OF WAVE PERIOD 6.99SEC											
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			1
7.75-										7			7
6.75-							1	20	2				23
5.75-							46	40					86
4.75-						30	179	2					211
3.75-				9	436	60	2						507
2.75-			1	1053	409	14							1477
1.75-			1676	1825	63								3564
0.75-		655	3310	688	32								4685
0.00-		193	156	10									359
TOTAL		0	848	5143	3585	970	300	64	10	0	0	0	10920
MAX		0.00	1.70	2.90	4.20	5.30	6.90	7.40	8.90	0.00	0.00	0.00	

DATE (MAX HEIGHT) 12h 28-NOV-87

1980-1989 Winter

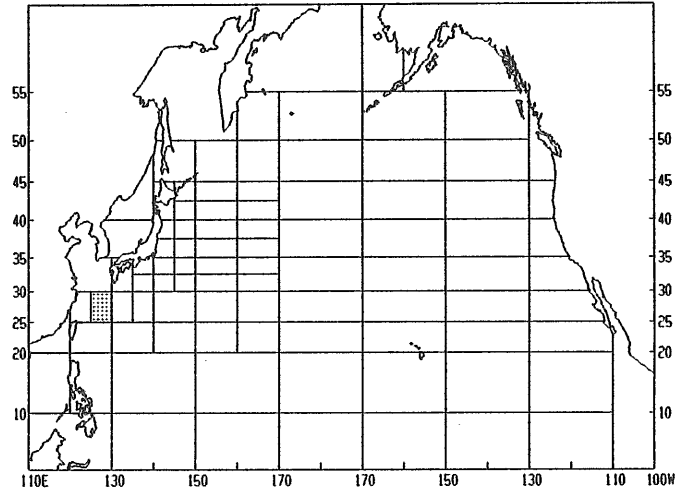
AREA E12W (25.0N-30.0N, 120.0E-125.0E)		MEAN OF WAVE HEIGHT 2.37 M MEAN OF WAVE PERIOD 7.20SEC											
HEIGHT (M)	PERIOD (SEC)	0-	5-	6-	7-	8-	9-	10-	11-	12-	13-	14-	TOTAL
14.75-													0
13.75-													0
12.75-													0
11.75-													0
10.75-													0
9.75-													0
8.75-													0
7.75-													2
6.75-									1	10			11
5.75-									58	16			74
4.75-									61	221	1		283
3.75-									26	732	68		826
2.75-									3	1449	618	1	2071
1.75-									1878	2242	114		4234
0.75-									430	2126	494	57	3113
0.00-									64	123	23		210
TOTAL		0	494	4130	4234	1582	355	29	0	0	0	0	10824
MAX		0.00	1.70	2.90	4.10	5.70	6.80	7.80	0.00	0.00	0.00	0.00	

DATE (MAX HEIGHT) 12h 03-FEB-87

1980-1989 All seasons

AREA E12E (25.0N-30.0N, 125.0E-130.0E)		PERIOD (SEC)											MEAN OF WAVE HEIGHT 2.02 M	MEAN OF WAVE PERIOD 7.00SEC
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-											3	3		
9.75-									2	4		6		
8.75-									11	3		14		
7.75-									7	18		25		
6.75-						1	47	9				57		
5.75-							92	101				193		
4.75-							57	482	8	1		548		
3.75-							24	1406	194	4		1628		
2.75-							3	3325	1592	36	2	4959		
1.75-							1	7315	8235	677	47	16275		
0.75-								2065	13408	3405	356	19259		
0.00-								307	514	36		857		
TOTAL	0	2373	21240	15025	4088	877	169	42	10	0	0	43824		
MAX	0.00	1.80	2.90	4.20	5.30	7.00	8.60	10.00	11.70	0.00	0.00			

DATE (MAX HEIGHT) 00h 18-AUG-84



1980-1989 Spring

AREA E12E (25.0N-30.0N, 125.0E-130.0E)		PERIOD (SEC)											MEAN OF WAVE HEIGHT 1.81 M	MEAN OF WAVE PERIOD 6.80SEC
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-												0		
8.75-												0		
7.75-												0		
6.75-												0		
5.75-								1	1			2		
4.75-								4	30			34		
3.75-								6	132	19		157		
2.75-								3	599	190	5	797		
1.75-								1	2307	1838	122	4204		
0.75-									555	4024	956	5602		
0.00-									36	115	13	164		
TOTAL	0	592	6449	3412	513	73	1	0	0	0	0	11040		
MAX	0.00	1.80	2.90	4.00	5.00	6.00	6.40	0.00	0.00	0.00	0.00			

DATE (MAX HEIGHT) 12h 25-MAR-87

1980-1989 Summer

AREA E12E (25.0N-30.0N, 125.0E-130.0E)		PERIOD (SEC)											MEAN OF WAVE HEIGHT 1.82 M	MEAN OF WAVE PERIOD 6.91SEC
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-												3		
9.75-										2	4	6		
8.75-										10	3	13		
7.75-										5	11	16		
6.75-										27	6	33		
5.75-										23	27	50		
4.75-										4	88	96		
3.75-										222	49	275		
2.75-										469	273	765		
1.75-										1492	1605	3374		
0.75-										824	4061	6094		
0.00-										105	203	315		
TOTAL	0	929	5756	3117	913	216	68	31	10	0	0	11040		
MAX	0.00	1.60	2.50	3.60	5.00	6.60	8.60	10.00	11.70	0.00	0.00			

DATE (MAX HEIGHT) 00h 18-AUG-84

1980-1989 Autumn

AREA E12E (25.0N-30.0N, 125.0E-130.0E)		PERIOD (SEC)											MEAN OF WAVE HEIGHT 2.04 M	MEAN OF WAVE PERIOD 7.07SEC
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-												9		
5.75-												63		
4.75-												175		
3.75-												444		
2.75-												1356		
1.75-												3949		
0.75-												4615		
0.00-												309		
TOTAL	0	569	4865	4036	1142	264	44	0	0	0	0	10920		
MAX	0.00	1.50	2.70	3.90	5.20	7.00	7.50	0.00	0.00	0.00	0.00			

DATE (MAX HEIGHT) 18h 28-NOV-87

1980-1989 Winter

AREA E12E (25.0N-30.0N, 125.0E-130.0E)		PERIOD (SEC)											MEAN OF WAVE HEIGHT 2.39 M	MEAN OF WAVE PERIOD 7.23SEC
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		
7.75-												9		
6.75-												15		
5.75-												78		
4.75-												243		
3.75-												752		
2.75-												2041		
1.75-												4660		
0.75-												2948		
0.00-												69		
TOTAL	0	283	4170	4460	1520	324	56	11	0	0	0	10824		
MAX	0.00	1.60	2.70	4.20	5.30	6.50	7.90	8.90	0.00	0.00	0.00			

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