

ELEMENT: PEAK WIND GUST (KNOTS) -- POR: (1/1994 - 12/2001) (56134 RECORDS, 97.8% HAVE ELEMENT)

Table with 13 columns (JAN to ANN) and 2 rows (F, CPF) for each month, followed by a summary row (MEAN, S.D., TOTAL, MAX) and date range information.

STATION: 46053

1 - MONTHLY AND ANNUAL FREQUENCY AND CUMULATIVE PERCENT FREQUENCY (10THS)

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (12/1995 - 12/2001) (38801 RECORDS, 16.2% HAVE ELEMENT)

Table with 13 columns (JAN to ANN) and 2 rows (F, CPF) for each month, followed by a summary row (MEAN, S.D., TOTAL, MAX) and date range information.

MEAN	1.6	1.6	1.5	1.4	1.2	1.1	1.0	1.0	1.0	1.1	1.4	1.6	1.3
S.D.	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.4	0.5	0.7	0.5
TOTAL	4329	3882	4370	4301	5107	4936	5102	5171	4392	4398	4841	5163	55992
MAX	4.7	4.6	3.6	3.2	2.9	2.9	2.2	2.0	2.3	3.1	3.8	5.6	5.6
DATE	1995012308	2000022123	2000030523	1995040900	1996052301	1995060614	2000070401	2000080702	1996091702	1999102907	2001112212	1995121308	1995121308
MIN	0.4	0.4	0.3	0.4	0.4	0.3	0.0	0.3	0.3	0.3	0.3	0.5	0.0
DATE	2000012403	1995022806	1996030811	1999041802	2001052807	1995062915	2000071815	2000083101	2000090123	1994100909	1996111101	2000120708	2000071815

(* < 0.05% , # = 100.0%)

STATION: 46053

1 - MONTHLY AND ANNUAL FREQUENCY AND CUMULATIVE PERCENT FREQUENCY (10THS)

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (1/1994 - 12/2001) (55992 RECORDS, 97.6% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF		
15	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	2	#	6	#			
14	19	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	15	999	38	999			
13	54	995	41	999	4	#	3	#	-	-	-	-	-	-	-	-	-	2	#	10	999	65	997	179	999			
12	122	983	114	989	27	999	11	999	-	-	-	-	-	-	-	-	-	-	10	999	22	997	148	984	454	996		
11	289	955	208	960	100	993	19	997	-	-	-	-	-	-	-	-	-	-	29	997	76	992	364	955	1085	988		
10	518	888	367	906	305	970	54	992	38	#	-	-	-	-	-	-	5	#	55	991	226	976	623	885	2191	969		
9	650	768	615	812	542	900	181	980	178	993	33	#	17	#	-	-	90	999	250	978	681	930	765	764	4002	929		
8	885	618	758	653	813	776	447	938	319	958	252	993	85	997	66	#	327	978	819	921	1042	789	1085	616	6898	858		
7	860	414	819	458	1077	590	989	834	985	895	888	942	442	980	456	987	882	904	1010	735	1237	574	981	406	10626	735		
6	630	215	633	247	984	344	1424	604	1872	702	1701	762	1381	893	1547	899	1464	703	1173	505	1090	318	794	216	14693	545		
5	282	70	302	84	469	119	1056	273	1523	336	1622	418	2475	623	2686	600	1296	370	837	239	428	93	295	62	13271	283		
4	19	4	24	6	49	11	117	27	192	38	438	89	701	138	416	80	328	75	213	48	23	5	26	5	2546	46		
3	-	-	-	-	-	-	-	-	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
0	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	1	*
MEAN	8.0		7.8		7.2		6.3		6.0		5.7		5.3		5.4		5.9		6.5		7.3		8.1		6.6			
S.D.	1.9		1.8		1.6		1.3		1.1		1.0		0.9		0.8		1.1		1.4		1.5		1.9		1.7			
TOTAL	4329		3882		4370		4301		5107		4936		5102		5171		4392		4398		4841		5163		55992			
MAX	14.5		14.2		12.7		12.7		10.3		9.4		9.4		8.2		9.9		13.2		14.6		14.9		14.9			
DATE	1999011111		1996021306		2000032618		1994040210		2001050309		1995061519		1996071102		1996081014		1995092409		1996100720		1999111921		1999122712		1999122712			
MIN	4.1		4.0		3.8		3.7		3.6		3.4		0.0		3.7		3.5		3.7		3.8		4.1		0.0			
DATE	2000010105		1996020318		2001032400		2001042106		2001051401		2001062716		2000071815		2001080400		2000091501		2000100723		2001112820		1996122623		2000071815			

(* < 0.05% , # = 100.0%)

STATION: 46053

1 - MONTHLY AND ANNUAL FREQUENCY AND CUMULATIVE PERCENT FREQUENCY (10THS)

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (1/1994 - 12/2001) (55991 RECORDS, 97.6% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F
25	7	#	7	#	12	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	5	#	32	#	
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
20	188	998	130	998	240	997	21	#	11	#	12	#	5	#	4	#	14	#	58	#	83	999	201	999	967	999	
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	982
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	982
17	665	955	468	965	542	942	121	995	54	998	78	998	26	999	58	999	165	997	126	987	465	983	679	960	3447	982	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	921
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	921
14	1226	801	1002	844	895	818	394	967	186	987	86	982	63	994	56	988	303	959	360	958	955	887	1411	829	6937	921	
13	1106	518	1131	586	1074	614	927	875	464	951	170	964	71	982	30	977	425	890	922	876	1237	689	1382	555	8939	797	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	637
11	441	262	519	295	588	368	731	660	543	860	361	930	141	968	86	971	470	793	802	667	715	434	646	288	6043	637	
10	199	161	260	161	263	233	444	490	664	754	543	857	328	940	277	955	478	686	532	484	436	286	228	163	4652	529	
9	111	115	102	94	133	173	334	387	578	624	701	747	687	876	524	901	516	578	352	363	277	196	89	118	4404	446	
8	142	89	80	68	215	143	446	309	922	510	1233	605	1116	741	1544	800	745	460	415	283	268	139	121	101	7247	367	
7	67	56	38	47	112	93	281	205	665	330	568	355	672	522	868	501	380	291	252	189	166	83	161	78	4230	238	
6	83	41	71	37	154	68	375	140	651	200	636	240	1081	391	1092	333	400	204	307	132	184	49	142	46	5176	162	
5	81	21	56	19	112	32	184	53	296	72	394	111	698	179	536	122	391	113	209	62	46	11	78	19	3081	70	
4	12	3	18	5	30	7	42	10	59	14	140	31	191	42	92	19	97	24	60	14	7	2	18	4	766	15	
3	-	-	-	-	-	-	1	*	14	3	14	3	22	5	4	1	8	2	3	1	1	*	2	*	69	1	
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
0	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	1	*
MEAN	13.1		12.9		12.5		10.3		8.8		8.3		7.4		7.5		9.3		10.4		12.0		12.9		10.3		
S.D.	3.1		2.9		3.5		3.0		2.6		2.5		2.2		2.0		3.1		3.1		3.0		3.1		3.6		

TOTAL	4328	3882	4370	4301	5107	4936	5102	5171	4392	4398	4841	5163	55991
MAX	25.0	25.0	25.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	25.0	25.0	25.0
DATE	2001011905	2000021414	2000032611	2001040522	1998050201	2000062901	1996072423	2001080401	2000092908	2001101422	2000112322	2001122714	2001122714
MIN	3.7	3.5	3.5	3.1	2.7	2.5	0.0	2.8	2.7	3.2	3.1	3.1	0.0
DATE	2000010104	1996020317	2001032400	2001042106	2001051317	2000060300	2000071815	2001080400	2000091310	2000100712	2001112820	1996122616	2000071815

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: 46053

(A) TOTAL STDNET RECORDS READ = 57392
 (B) TOTAL CWIND RECORDS READ = 239550
 (C) TOTAL RECORDS USED IN STATS = 296942

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	56323	56246	56186	8120	56300	56299	56134	38801	55992	55992	55991	0
(E) ELEMENT OUT OF RANGE	1069	1146	1206	49272	1092	1093	1258	200749	1400	1400	1401	57392

STATION: 46053 -- POR (1/1994 - 12/2001)

2 - MEANS & EXTREMES BASED ON HOURLY (GMT) OBSERVATIONS -- MONTHLY & ANNUAL BY YEAR

ELEMENT: AIR TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1994	MEAN	14.2	13.4	13.8	13.1	13.4	15.0	15.1	17.6	16.9	16.7	13.9	13.4	14.7
	MAXIMUM	17.5	16.4	18.9	16.6	16.9	19.9	17.7	21.9	20.3	24.9	17.5	17.0	24.9
	DAY-HR	18-22	15-22	13-21	12-03	31-21	02-02	26-17	15-00	30-03	09-22	02-04	20-23	OCT
	MINIMUM	9.9	10.4	10.0	9.9	11.1	12.4	13.1	14.2	13.3	14.0	9.8	10.8	9.8
	DAY-HR	25-03	11-16	25-01	25-16	04-17	08-14	30-13	03-12	05-15	23-12	19-13	29-15	NOV
	# OBS	739	646	726	717	738	715	713	730	710	735	714	739	8622
1995	MEAN	13.4	14.6	14.5	13.0	12.8	14.4	15.9	15.2	16.4	17.2	15.9	14.7	14.8
	MAXIMUM	16.1	22.0	18.1	17.1	15.5	18.6	19.5	18.4	21.5	22.2	19.5	19.6	22.2
	DAY-HR	31-22	20-19	15-05	22-23	12-00	21-03	31-23	17-19	06-22	03-21	27-01	04-23	OCT
	MINIMUM	10.5	11.6	10.2	8.3	10.5	12.0	13.0	11.7	13.7	14.5	12.6	10.2	8.3
	DAY-HR	16-14	04-12	23-19	16-12	06-09	23-10	15-06	13-14	20-13	28-02	20-11	23-08	APR
	# OBS	738	670	742	712	741	715	691	737	710	728	715	738	8637
1996	MEAN	13.7	13.4	13.1	13.5	14.7	14.5	14.9	15.6	16.9	15.9	15.0	14.1	14.6
	MAXIMUM	21.5	20.3	18.9	21.5	20.2	19.8	18.7	20.8	20.4	18.8	21.5	18.3	21.5
	DAY-HR	01-06	12-21	09-01	30-20	06-00	30-21	01-00	31-21	19-20	23-23	09-20	17-23	NOV
	MINIMUM	9.4	7.1	10.4	10.7	11.3	11.8	12.1	12.9	13.7	12.5	11.8	11.7	7.1
	DAY-HR	22-15	26-12	23-14	08-10	03-10	06-13	09-09	24-15	02-09	30-07	24-16	08-11	FEB
	# OBS	723	679	735	733	734	703	818	783	708	731	691	737	8775
1998	MEAN	-	-	-	11.7	13.8	15.0	16.9	17.6	17.7	15.7	14.7	12.5	15.2
	MAXIMUM	-	-	-	14.3	16.2	18.3	20.2	20.8	20.3	17.5	18.5	17.8	20.8
	DAY-HR	-	-	-	28-00	30-22	17-23	27-05	10-21	19-02	31-07	04-03	16-18	AUG
	MINIMUM	-	-	-	10.5	10.5	13.4	13.6	15.2	16.3	14.5	11.6	6.7	6.7
	DAY-HR	-	-	-	28-17	12-17	01-16	07-11	25-10	21-12	27-20	11-17	21-09	DEC
	# OBS	-	-	-	49	714	693	732	734	155	100	716	738	4631
1999	MEAN	13.2	12.5	11.7	11.5	13.1	13.4	16.1	14.5	15.2	15.5	14.5	13.7	13.7
	MAXIMUM	19.1	15.2	15.8	15.7	17.2	16.4	19.2	18.3	18.8	21.1	18.3	17.5	21.1
	DAY-HR	03-21	22-21	01-02	20-04	19-00	30-20	09-00	31-01	01-02	09-23	01-21	18-23	OCT
	MINIMUM	9.4	8.3	6.8	7.5	10.8	10.6	13.7	11.6	13.1	12.3	11.5	10.6	6.8
	DAY-HR	27-04	10-14	15-19	09-15	22-11	18-17	26-15	19-16	29-15	12-12	13-14	10-14	MAR
	# OBS	740	657	720	717	742	715	719	669	689	667	589	744	8368
2000	MEAN	13.4	13.0	12.6	13.2	13.8	15.6	16.0	16.3	17.5	15.7	14.1	14.0	14.6
	MAXIMUM	17.9	17.9	16.9	17.5	19.2	19.9	19.1	19.5	20.7	19.1	19.6	17.6	20.7
	DAY-HR	06-03	03-00	14-07	26-01	27-01	23-22	31-22	20-02	13-15	23-23	05-01	18-22	SEP
	MINIMUM	10.0	10.1	7.7	9.7	10.2	12.1	13.6	12.9	13.5	12.9	10.6	10.9	7.7
	DAY-HR	13-19	25-11	06-15	12-16	19-13	02-12	24-18	12-14	08-14	17-07	29-02	21-20	MAR
	# OBS	679	652	734	676	726	710	743	744	719	740	718	744	8585
2001	MEAN	12.7	11.6	12.9	11.6	14.3	15.6	15.4	15.2	16.2	15.8	15.2	12.7	14.1
	MAXIMUM	18.1	18.8	17.9	14.4	18.1	19.1	19.6	18.7	19.6	21.1	18.3	16.5	21.1
	DAY-HR	03-05	04-21	28-05	29-01	25-01	14-21	03-22	29-19	26-01	13-21	20-07	08-21	OCT
	MINIMUM	8.4	6.5	10.6	8.3	10.5	12.6	12.8	11.8	13.7	13.0	10.7	9.8	6.5
	DAY-HR	26-17	13-17	31-07	21-12	02-17	17-15	29-12	17-17	22-17	25-05	29-16	14-18	FEB
	# OBS	742	652	741	717	741	715	743	743	718	737	716	740	8705
POR	MEAN	13.4	13.1	13.1	12.6	13.7	14.8	15.7	16.0	16.6	16.1	14.7	13.6	14.5
	MAXIMUM	21.5	22.0	18.9	21.5	20.2	19.9	20.2	21.9	21.5	24.9	21.5	19.6	24.9
	YEAR	1996	1995	1996	1996	1996	2000	1998	1994	1995	1994	1996	1995	OCT/1994
	MINIMUM	8.4	6.5	6.8	7.5	10.2	10.6	12.1	11.6	13.1	12.3	9.8	6.7	6.5
	YEAR	2001	2001	1999	1999	2000	1999	1996	1999	1999	1999	1994	1998	FEB/2001
	# OBS	4361	3956	4398	4321	5136	4966	5159	5140	4409	4438	4859	5180	56323

1996	MEAN	11.0	10.9	11.1	11.0	12.4	12.2	10.3	-	-	-	-	-	11.3
	MAXIMUM	15.8	15.7	14.9	16.5	17.3	16.8	16.7	-	-	-	-	-	17.3
	DAY-HR	08-18	16-20	10-21	30-21	16-23	30-21	01-01	-	-	-	-	-	MAY
	MINIMUM	-2.0	0.1	2.6	4.8	7.5	8.8	-7.0	-	-	-	-	-	-7.0
	DAY-HR	23-16	27-13	23-18	21-15	09-02	22-18	22-02	-	-	-	-	-	JUL
	# OBS	702	663	712	711	712	703	607	-	-	-	-	-	4810
POR	MEAN	11.0	10.9	10.9	10.3	11.6	12.1	12.0	-	-	-	-	-	11.3
	MAXIMUM	15.8	15.7	15.1	16.5	17.3	16.8	16.7	-	-	-	-	-	17.3
	YEAR	1996	1996	1995	1996	1996	1996	1996	-	-	-	-	-	MAY/1996
	MINIMUM	-2.0	0.1	-1.3	-2.7	5.5	4.8	-7.0	-	-	-	-	-	-7.0
	YEAR	1996	1996	1995	1995	1995	1995	1996	-	-	-	-	-	JUL/1996
	# OBS	702	663	1441	1398	1420	1405	1091	-	-	-	-	-	8120

STATION: 46053 -- POR (1/1994 - 12/2001)

2 - MEANS & EXTREMES BASED ON HOURLY (GMT) OBSERVATIONS -- MONTHLY & ANNUAL BY YEAR

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1994	MEAN	1019.2	1017.1	1016.3	1015.3	1014.2	1012.5	1013.8	1012.4	1014.0	1013.6	1018.7	1018.6	1015.5
	MAXIMUM	1025.8	1028.7	1023.7	1021.3	1019.4	1017.1	1018.4	1016.5	1018.5	1020.7	1028.1	1027.2	1028.7
	DAY-HR	29-18	12-19	13-16	29-19	07-19	16-19	19-20	23-19	05-19	27-18	27-18	08-18	FEB
	MINIMUM	1012.7	1000.4	1006.7	1010.2	1009.5	1008.7	1008.8	1008.1	1008.5	1002.7	1008.1	1011.3	1000.4
	DAY-HR	25-00	08-02	24-23	27-01	22-03	14-04	08-08	12-03	30-23	15-11	02-12	24-00	FEB
	# OBS	739	647	725	716	738	714	711	730	711	734	713	739	8617
1995	MEAN	1018.0	1018.2	1016.7	1015.9	1014.9	1013.8	1013.8	1010.0	1011.6	1013.0	1016.9	1017.6	1015.0
	MAXIMUM	1025.8	1024.3	1024.8	1020.8	1020.8	1019.6	1018.4	1016.6	1015.8	1021.1	1021.9	1024.2	1025.8
	DAY-HR	28-18	17-19	13-17	17-20	09-19	17-19	20-18	21-18	11-18	20-18	07-19	14-19	JAN
	MINIMUM	1002.8	1004.0	1003.8	1008.4	1007.5	1007.8	1006.6	1002.8	1006.5	1005.5	1011.0	1012.8	1002.8
	DAY-HR	05-02	14-15	11-10	16-13	13-13	07-03	30-03	10-02	15-03	04-12	10-01	31-23	AUG
	# OBS	737	669	742	712	741	715	691	737	710	728	715	738	8635
1996	MEAN	1017.8	1016.6	1016.2	1015.1	1013.0	1012.4	1012.3	1011.9	1011.3	1013.2	1016.1	1017.6	1014.4
	MAXIMUM	1027.1	1027.3	1024.3	1021.9	1018.1	1016.4	1018.1	1016.6	1016.5	1022.8	1023.5	1025.8	1027.3
	DAY-HR	23-19	05-19	01-07	19-19	10-18	28-18	22-20	06-19	28-19	22-08	27-19	23-19	FEB
	MINIMUM	1004.1	1003.9	1006.3	1009.3	1006.8	1008.0	1007.3	1005.6	1005.8	1006.9	1006.2	1004.6	1003.9
	DAY-HR	31-23	01-01	13-14	28-02	24-13	19-04	03-02	26-03	14-13	05-02	16-00	10-00	FEB
	# OBS	723	679	735	733	734	703	818	783	708	731	691	737	8775
1998	MEAN	-	-	-	1014.4	1015.5	1014.6	1013.2	1013.4	1012.0	1013.7	1016.7	1020.8	1015.5
	MAXIMUM	-	-	-	1016.4	1020.3	1022.2	1017.8	1018.8	1017.2	1018.3	1023.9	1031.1	1031.1
	DAY-HR	-	-	-	30-23	15-07	13-18	07-18	13-16	23-18	28-17	13-17	10-18	DEC
	MINIMUM	-	-	-	1012.4	1005.9	1008.6	1008.2	1006.3	1005.6	1008.8	1001.3	1012.0	1001.3
	DAY-HR	-	-	-	29-03	13-10	17-02	02-03	24-03	20-02	30-01	28-12	31-01	NOV
	# OBS	-	-	-	49	715	693	732	734	155	99	713	738	4628
1999	MEAN	1019.2	1020.3	1016.1	1015.5	1014.8	1013.3	1014.0	1013.1	1012.1	1014.9	1019.1	1020.8	1016.1
	MAXIMUM	1025.7	1028.5	1021.9	1026.7	1019.8	1019.5	1019.4	1018.7	1017.9	1021.7	1026.8	1029.2	1029.2
	DAY-HR	28-18	10-19	21-18	09-19	31-16	05-19	23-19	16-19	25-18	17-17	24-19	24-17	DEC
	MINIMUM	1008.7	1010.9	1005.2	1005.3	1009.3	1007.4	1008.2	1006.3	1007.5	1007.2	1012.9	1013.6	1005.2
	DAY-HR	25-10	05-01	15-15	22-22	13-02	21-04	03-03	27-03	15-03	02-02	27-00	19-02	MAR
	# OBS	739	657	720	715	740	713	719	668	688	667	589	744	8359
2000	MEAN	1020.4	1018.7	1016.0	1015.7	1013.0	1012.7	1013.7	1012.8	1011.5	1013.8	1016.8	1018.6	1015.2
	MAXIMUM	1029.0	1025.3	1025.5	1022.8	1018.5	1018.9	1019.4	1017.9	1017.9	1021.0	1025.9	1026.2	1029.0
	DAY-HR	04-07	01-19	09-19	03-20	11-18	03-19	13-19	25-18	27-20	24-20	18-18	15-18	JAN
	MINIMUM	1010.4	1005.4	1001.2	1009.5	1007.8	1005.5	1008.0	1007.3	1005.0	1004.9	1005.5	1012.5	1001.2
	DAY-HR	30-21	21-01	05-15	17-14	27-01	17-02	31-03	14-03	20-04	22-11	06-23	12-22	MAR
	# OBS	679	652	734	676	726	710	743	744	719	740	718	743	8584
2001	MEAN	1018.9	1016.4	1014.7	1015.6	1013.3	1012.8	1013.3	1012.9	1011.3	1014.6	1016.3	1018.4	1014.9
	MAXIMUM	1026.7	1025.9	1022.4	1024.0	1018.7	1020.2	1018.8	1018.7	1015.7	1021.9	1021.9	1026.0	1026.7
	DAY-HR	17-18	02-19	08-19	22-19	14-19	27-19	08-20	01-19	20-19	29-18	19-18	16-18	JAN
	MINIMUM	1007.7	992.5	1006.2	1009.5	1008.3	1006.9	1008.2	1006.3	1004.7	1006.4	1007.7	1005.7	992.5
	DAY-HR	11-04	13-15	30-00	03-02	03-00	04-03	03-02	26-03	30-03	01-00	24-22	10-22	FEB
	# OBS	742	655	741	717	742	713	743	742	718	737	715	737	8702
POR	MEAN	1018.9	1017.9	1016.0	1015.5	1014.1	1013.1	1013.4	1012.4	1012.0	1013.8	1017.2	1018.9	1015.2
	MAXIMUM	1029.0	1028.7	1025.5	1026.7	1020.8	1022.2	1019.4	1018.8	1018.5	1022.8	1028.1	1031.1	1031.1
	YEAR	2000	1994	2000	1999	1995	1998	2000	1998	1994	1996	1994	1998	DEC/1998
	MINIMUM	1002.8	992.5	1001.2	1005.3	1005.9	1005.5	1006.6	1002.8	1004.7	1002.7	1001.3	1004.6	992.5
	YEAR	1995	2001	2000	1999	1998	2000	1995	1995	2001	1994	1998	1996	FEB/2001
	# OBS	4359	3959	4397	4318	5136	4961	5157	5138	4409	4436	4854	5176	56300

STATION: 46053 -- POR (1/1994 - 12/2001)

2 - MEANS & EXTREMES BASED ON HOURLY (GMT) OBSERVATIONS -- MONTHLY & ANNUAL BY YEAR

ELEMENT: AVERAGE WIND SPEED (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1994	MEAN	7.5	11.1	9.3	11.3	8.4	10.2	10.6	10.1	10.4	8.9	10.5	7.1	9.6
	MAXIMUM	27.6	34.0	31.3	29.5	28.4	27.6	22.9	25.9	27.4	31.7	31.7	28.0	34.0
	DAY-HR	05-22	04-08	23-01	09-22	16-23	07-01	22-02	03-03	13-00	13-02	16-19	25-15	FEB
	MINIMUM	0.0	0.0	0.2	0.4	0.2	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0
	DAY-HR	29-11	24-14	31-18	21-18	24-17	11-13	11-19	14-14	18-19	23-23	29-13	27-02	DEC
	# OBS	739	646	726	717	739	715	714	731	711	735	713	739	8625
1995	MEAN	12.9	6.3	10.4	13.9	11.5	9.4	9.7	10.2	8.6	6.4	5.1	10.8	9.6
	MAXIMUM	41.8	17.9	36.4	34.4	32.9	32.1	25.1	22.2	21.6	22.7	18.3	30.1	41.8
	DAY-HR	04-21	17-06	10-22	09-01	12-01	06-23	11-12	10-02	14-05	16-02	06-07	23-10	JAN
	MINIMUM	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0
	DAY-HR	31-17	28-17	30-08	26-21	29-13	17-15	14-22	17-19	24-17	24-14	28-13	07-01	NOV
	# OBS	738	670	742	712	739	699	691	737	710	728	715	738	8619
1996	MEAN	9.1	9.3	8.8	11.6	11.5	9.0	9.7	10.0	9.2	8.7	8.4	8.2	9.5
	MAXIMUM	26.8	24.3	30.3	30.1	28.0	24.5	22.6	26.4	26.0	33.4	32.3	27.4	33.4
	DAY-HR	22-20	27-00	23-04	10-23	07-02	22-04	07-04	25-23	17-01	19-23	16-00	10-00	OCT
	MINIMUM	0.0	0.0	0.0	0.2	0.0	0.2	0.2	0.0	0.2	0.2	0.2	0.0	0.0
	DAY-HR	09-18	16-17	22-08	15-03	26-08	05-07	28-11	29-16	03-15	31-11	17-10	16-10	DEC
	# OBS	723	679	735	733	734	666	817	783	708	731	691	737	8737
1998	MEAN	-	-	-	10.1	10.9	9.8	8.9	9.6	8.2	9.9	9.3	8.4	9.5
	MAXIMUM	-	-	-	18.3	23.9	24.3	22.7	20.8	19.8	22.4	29.0	26.8	29.0
	DAY-HR	-	-	-	29-00	26-23	02-23	29-06	18-04	24-02	30-03	28-12	14-13	NOV
	MINIMUM	-	-	-	1.4	0.4	0.0	0.0	0.4	0.8	0.4	0.2	0.0	0.0
	DAY-HR	-	-	-	30-23	20-16	18-13	22-12	15-20	19-15	31-15	20-14	25-04	DEC
	# OBS	-	-	-	49	714	692	734	735	155	100	716	735	4630
1999	MEAN	8.0	10.2	10.6	12.4	9.7	9.5	10.0	9.6	8.1	8.8	7.1	7.1	9.3
	MAXIMUM	25.5	29.2	28.8	32.5	27.4	28.4	21.4	20.0	20.4	27.2	25.7	29.9	32.5
	DAY-HR	16-18	10-03	25-15	28-22	04-00	03-23	24-03	28-05	14-04	06-23	21-08	08-02	APR
	MINIMUM	0.2	0.2	0.0	0.2	0.2	0.6	0.6	0.2	0.0	0.0	0.2	0.0	0.0
	DAY-HR	09-18	04-07	18-14	17-10	18-18	29-17	02-14	31-14	28-18	09-20	29-11	29-19	DEC
	# OBS	738	657	716	718	742	716	731	679	689	667	589	744	8386
2000	MEAN	8.7	10.2	8.6	9.3	10.0	8.6	10.0	9.2	8.2	7.7	8.4	5.8	8.7
	MAXIMUM	26.4	27.6	28.2	27.2	29.5	23.7	23.7	21.6	20.6	26.8	26.2	23.9	29.5
	DAY-HR	02-14	20-18	20-03	29-00	10-23	09-05	04-04	07-03	03-01	31-02	10-01	12-20	MAY
	MINIMUM	0.2	0.2	0.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
	DAY-HR	24-22	26-08	31-11	06-12	26-13	25-18	31-21	02-19	15-12	23-19	29-16	28-15	DEC
	# OBS	678	652	734	676	727	710	743	744	719	740	716	744	8583
2001	MEAN	7.8	8.8	10.8	10.6	6.3	8.0	8.7	8.5	8.5	6.6	8.9	8.9	8.5
	MAXIMUM	25.7	29.7	28.2	28.0	20.2	26.0	20.4	19.1	20.6	16.5	28.6	28.0	29.7
	DAY-HR	09-12	13-17	06-03	21-21	05-05	12-02	11-05	18-07	26-01	19-05	12-23	09-17	FEB
	MINIMUM	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	31-19	27-18	22-20	30-18	31-08	19-19	19-19	27-16	30-20	13-21	28-12	31-09	DEC
	# OBS	743	660	741	717	742	715	743	743	718	737	718	742	8719
POR	MEAN	9.0	9.3	9.7	11.5	9.7	9.2	9.7	9.6	8.8	7.9	8.3	8.0	9.2
	MAXIMUM	41.8	34.0	36.4	34.4	32.9	32.1	25.1	26.4	27.4	33.4	32.3	30.1	41.8
	YEAR	1995	1994	1995	1995	1995	1995	1995	1996	1994	1996	1996	1995	JAN/1995
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	2001	2001	1999	2001	2001	2001	2001	2001	2001	2001	2001	2001	DEC/2001
	# OBS	4359	3964	4394	4322	5137	4913	5173	5152	4410	4438	4858	5179	56299

STATION: 46053 -- POR (1/1994 - 12/2001)

2 - HIGHEST 5-SECOND AVERAGE DURING 2 OR 8-MINUTE PERIOD PRIOR TO OBSERVATION TIME -- MONTHLY & ANNUAL BY YEAR

ELEMENT: PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1994	MEAN	9.2	13.4	11.3	13.5	10.0	12.0	12.5	11.8	12.3	10.7	12.7	9.1	11.5
	MAXIMUM	36.9	41.0	36.7	35.8	34.0	32.7	26.6	30.7	31.9	37.5	37.3	33.6	41.0
	DAY-HR	25-11	04-07	23-01	24-21	16-23	07-01	24-00	29-05	13-02	13-02	16-19	29-04	FEB
	# OBS	739	643	724	716	737	713	711	725	711	733	713	739	8604
1995	MEAN	15.9	8.0	12.6	16.5	13.7	11.3	11.6	12.2	10.5	8.1	6.6	13.5	11.8
	MAXIMUM	50.2	22.2	43.4	41.8	38.7	37.7	28.8	25.7	26.2	27.0	21.6	37.3	50.2
	DAY-HR	04-21	17-06	10-22	09-01	12-00	06-23	11-12	10-02	14-05	16-02	06-07	23-10	JAN

	# OBS	738	670	742	712	739	699	691	737	710	728	715	738	8619
1996	MEAN	11.4	11.5	10.9	14.1	14.0	11.1	12.3	11.9	11.2	10.9	10.4	10.2	11.7
	MAXIMUM	33.2	29.5	37.5	36.0	33.8	29.7	27.4	29.7	31.5	41.8	38.5	35.0	41.8
	DAY-HR	22-20	17-22	23-05	10-23	09-03	22-04	07-04	25-23	14-01	19-23	29-02	10-00	OCT
	# OBS	723	679	735	733	734	666	817	783	708	731	691	737	8737
1998	MEAN	-	-	-	12.2	13.2	11.7	10.9	11.5	9.9	12.3	11.5	10.6	11.5
	MAXIMUM	-	-	-	21.2	29.4	29.0	27.6	24.5	24.1	26.6	36.0	32.1	36.0
	DAY-HR	-	-	-	29-00	17-05	02-23	29-06	19-04	24-02	30-22	28-12	21-02	NOV
	# OBS	-	-	-	49	714	691	733	731	155	97	715	735	4620
1999	MEAN	10.1	12.6	13.1	15.1	11.9	11.7	12.0	11.7	9.8	10.7	9.0	9.0	11.4
	MAXIMUM	29.9	34.8	36.0	39.7	33.2	34.6	24.9	25.1	23.3	32.5	30.7	36.9	39.7
	DAY-HR	16-18	10-03	25-15	28-22	15-07	03-23	24-03	28-05	14-04	06-09	21-08	08-02	APR
	# OBS	738	657	716	709	738	711	702	638	678	667	589	744	8287
2000	MEAN	10.7	12.9	10.9	11.5	12.3	10.5	12.0	11.0	9.9	9.6	10.5	7.5	10.8
	MAXIMUM	32.3	33.4	34.8	33.2	35.2	28.6	28.2	25.9	24.3	32.3	31.3	29.2	35.2
	DAY-HR	02-14	20-18	20-07	17-11	11-00	09-05	04-04	07-03	04-00	31-02	09-22	12-20	MAY
	# OBS	678	652	734	676	726	709	742	744	719	740	717	744	8581
2001	MEAN	10.2	11.1	13.4	12.9	7.9	9.9	10.5	10.4	10.4	8.4	11.2	11.3	10.6
	MAXIMUM	32.1	38.9	36.0	33.2	24.7	31.1	24.1	22.6	24.1	20.0	33.4	34.8	38.9
	DAY-HR	11-04	13-15	06-02	21-21	05-04	12-03	12-02	18-07	26-01	19-05	12-23	15-02	FEB
	# OBS	743	653	740	717	741	708	741	740	716	735	711	741	8686
POR	MEAN	11.3	11.6	12.0	13.9	11.8	11.2	11.7	11.5	10.7	9.8	10.3	10.2	11.3
	MAXIMUM	50.2	41.0	43.4	41.8	38.7	37.7	28.8	30.7	31.9	41.8	38.5	37.3	50.2
	YEAR	1995	1994	1995	1995	1995	1995	1995	1995	1994	1994	1996	1996	1995
	# OBS	4359	3954	4391	4312	5129	4897	5137	5098	4397	4431	4851	5178	JAN/1995
														56134

STATION: 46053 -- POR (12/1995 - 12/2001)

2 - HIGHEST 5-SECOND AVERAGE DURING PAST HOUR -- MONTHLY & ANNUAL BY YEAR

ELEMENT: HOURLY PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1995	MEAN	-	-	-	-	-	-	-	-	-	-	-	26.2	26.2
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	26.2	26.2
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	31-23	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	26.2	26.2
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	31-23	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	1	1
1996	MEAN	13.1	13.1	12.7	15.9	15.6	12.5	13.7	13.2	12.5	12.6	12.0	11.7	13.2
	MAXIMUM	34.6	32.1	38.5	37.7	36.4	32.7	27.2	31.7	33.4	43.2	40.2	35.0	43.2
	DAY-HR	17-15	27-00	23-05	10-22	19-04	22-03	07-03	25-22	13-01	20-00	29-01	09-23	OCT
	MINIMUM	1.7	1.9	1.4	1.6	0.0	1.7	1.7	1.6	2.5	1.6	2.1	1.7	0.0
	DAY-HR	06-20	11-16	18-08	30-19	03-20	19-12	25-16	16-06	03-16	21-12	25-10	20-11	MAY
	# OBS	723	655	711	732	758	666	796	782	707	731	691	736	8688
1998	MEAN	-	-	-	13.5	14.7	13.2	12.2	12.7	11.1	14.1	13.3	12.4	13.0
	MAXIMUM	-	-	-	21.2	30.3	30.3	29.2	25.9	24.1	28.4	40.0	42.4	42.4
	DAY-HR	-	-	-	28-23	22-01	03-02	03-02	05-04	24-01	30-22	28-12	06-10	DEC
	MINIMUM	-	-	-	3.9	1.7	1.6	1.7	2.1	3.1	3.9	1.6	2.1	1.6
	DAY-HR	-	-	-	30-22	05-18	26-12	23-15	15-19	19-18	29-17	10-20	25-07	NOV
	# OBS	-	-	-	50	714	692	731	684	155	100	714	738	4578
1999	MEAN	12.2	14.3	14.9	16.9	13.5	13.1	13.2	13.1	11.1	12.1	10.5	10.7	13.0
	MAXIMUM	31.5	38.5	36.5	41.2	34.0	34.6	26.0	25.7	23.7	33.4	30.7	37.5	41.2
	DAY-HR	16-18	09-20	25-14	28-22	04-00	03-22	24-02	27-02	14-03	06-22	21-08	08-02	APR
	MINIMUM	2.3	2.3	1.7	2.1	1.7	2.1	2.1	1.7	2.1	2.1	1.7	1.4	1.4
	DAY-HR	09-17	04-04	10-16	30-16	22-16	10-16	15-16	12-09	28-17	28-17	29-10	17-09	DEC
	# OBS	762	657	715	715	741	712	720	654	683	666	590	744	8359
2000	MEAN	12.5	14.8	12.8	13.3	14.0	11.7	13.5	12.3	11.3	11.0	12.2	9.0	12.3
	MAXIMUM	34.6	35.6	39.9	36.2	37.9	30.7	28.8	26.8	25.9	32.3	32.1	30.9	39.9
	DAY-HR	02-12	20-17	05-22	29-00	10-23	09-01	04-03	07-01	03-01	31-01	09-22	12-18	MAR
	MINIMUM	2.1	2.1	2.1	1.9	1.6	1.2	1.9	2.7	1.7	1.0	1.6	1.4	1.0
	DAY-HR	24-22	08-11	11-13	06-13	23-14	22-20	02-12	28-17	14-18	06-14	24-19	29-11	OCT
	# OBS	677	651	734	676	725	701	723	743	718	730	715	742	8535
2001	MEAN	12.0	12.6	15.1	14.5	9.1	11.2	11.8	11.8	11.7	9.7	12.8	13.0	12.1
	MAXIMUM	35.2	54.2	38.1	34.6	24.7	32.1	24.5	23.1	24.5	20.0	36.0	35.8	54.2
	DAY-HR	11-04	13-16	06-02	21-21	05-03	12-02	12-02	18-06	26-01	19-04	12-22	15-01	FEB
	MINIMUM	1.9	1.4	1.9	1.6	1.0	0.6	1.4	2.3	1.6	0.4	1.7	1.6	0.4
	DAY-HR	07-14	17-05	22-19	30-16	25-18	14-18	03-17	01-19	02-07	13-20	19-12	25-18	OCT
	# OBS	742	628	739	717	741	708	737	740	715	726	706	741	8640

POR	MEAN	12.4	13.7	13.9	15.1	13.4	12.4	12.9	12.6	11.6	11.4	12.2	11.4	12.7
	MAXIMUM	35.2	54.2	39.9	41.2	37.9	34.6	29.2	31.7	33.4	43.2	40.2	42.4	54.2
	YEAR	2001	2001	2000	1999	2000	1999	1998	1996	1996	1996	1996	1998	FEB/2001
	MINIMUM	1.7	1.4	1.4	1.6	0.0	0.6	1.4	1.6	1.6	0.4	1.6	1.4	0.0
	YEAR	1996	2001	1996	2001	1996	2001	2001	1996	2001	2001	2000	2000	MAY/1996
	# OBS	2904	2591	2899	2890	3679	3479	3707	3603	2978	2953	3416	3702	38801

STATION: 46053 -- POR (1/1994 - 12/2001)

2 - MEANS & EXTREMES BASED ON HOURLY (GMT) OBSERVATIONS -- MONTHLY & ANNUAL BY YEAR

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1994	MEAN	1.3	1.3	1.2	1.4	1.2	1.3	0.9	1.1	0.9	1.1	1.3	1.6	1.2
	MAXIMUM	2.7	2.8	2.4	2.7	2.4	2.2	2.1	1.9	2.0	2.7	3.1	3.5	3.5
	DAY-HR	05-23	18-18	22-23	27-10	13-23	16-01	04-02	03-01	11-02	16-00	17-02	25-20	DEC
	# OBS	727	628	715	713	724	696	674	732	701	719	706	734	8469
1995	MEAN	2.1	1.2	1.4	1.4	1.1	1.2	0.9	1.0	1.3	1.0	1.2	1.9	1.3
	MAXIMUM	4.7	3.0	3.2	3.2	2.4	2.9	1.8	1.9	2.3	1.8	2.4	5.6	5.6
	DAY-HR	23-08	07-06	11-01	09-00	12-00	06-14	10-23	10-04	03-02	13-12	25-18	13-08	DEC
	# OBS	721	644	729	713	736	707	683	736	710	728	714	733	8554
1996	MEAN	1.4	1.5	1.3	1.6	1.3	1.1	0.9	0.9	1.0	1.3	1.3	1.3	1.2
	MAXIMUM	3.0	3.2	3.4	2.7	2.9	2.0	2.1	1.7	2.3	2.8	3.0	2.5	3.4
	DAY-HR	23-00	18-13	13-16	03-07	23-01	22-04	06-01	26-03	17-02	20-00	20-11	12-01	MAR
	# OBS	721	676	732	730	728	701	818	782	708	731	691	737	8755
1998	MEAN	-	-	-	1.2	1.3	0.9	1.1	0.9	1.1	1.7	1.7	1.7	1.3
	MAXIMUM	-	-	-	1.5	2.8	1.9	2.2	1.8	1.7	2.9	3.8	3.7	3.8
	DAY-HR	-	-	-	29-07	02-14	29-02	02-04	24-04	19-00	30-05	25-06	02-04	NOV
	# OBS	-	-	-	49	713	693	732	735	155	100	715	734	4626
1999	MEAN	1.5	1.8	1.7	1.5	1.4	1.3	1.1	1.0	0.9	1.1	1.5	1.6	1.4
	MAXIMUM	3.0	2.9	3.1	3.1	2.7	2.7	2.1	1.7	2.0	3.1	3.2	2.9	3.2
	DAY-HR	27-06	26-10	01-21	28-22	15-08	15-01	07-00	31-11	01-10	29-07	21-03	06-18	NOV
	# OBS	740	657	719	719	741	720	733	703	689	667	589	744	8421
2000	MEAN	1.3	2.0	1.9	1.3	1.4	1.0	1.1	0.9	0.9	1.2	1.4	1.5	1.3
	MAXIMUM	4.5	4.6	3.6	3.1	2.7	2.0	2.2	2.0	1.7	2.6	2.7	3.5	4.6
	DAY-HR	31-22	21-23	05-23	29-02	11-12	10-04	04-01	07-02	30-23	22-18	30-23	23-07	FEB
	# OBS	678	652	734	662	725	705	727	742	717	726	717	739	8524
2001	MEAN	2.0	1.5	1.5	1.4	1.1	1.1	1.0	1.1	1.1	1.0	1.6	1.8	1.3
	MAXIMUM	4.5	4.5	3.0	3.1	2.8	2.4	1.9	1.9	2.1	2.3	3.8	4.3	4.5
	DAY-HR	11-21	20-15	26-22	08-08	03-08	13-05	15-02	25-02	26-00	24-18	22-12	21-10	FEB
	# OBS	742	625	741	715	740	714	735	741	712	727	709	742	8643
POR	MEAN	1.6	1.6	1.5	1.4	1.2	1.1	1.0	1.0	1.0	1.1	1.4	1.6	1.3
	MAXIMUM	4.7	4.6	3.6	3.2	2.9	2.9	2.2	2.0	2.3	3.1	3.8	5.6	5.6
	YEAR	1995	2000	2000	1995	1996	1995	2000	2000	1996	1999	2001	1995	DEC/1995
	# OBS	4329	3882	4370	4301	5107	4936	5102	5171	4392	4398	4841	5163	55992

STATION: 46053

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: JAN

WIND SPEED	WIND DIRECTION														TOT %	TOT N
	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.5	0.2	0.1	0.1	0.1	*	*	0.2	*	0.1	0.1	*	1.5	66		
1 - 3		1.4	1.7	1.4	1.7	1.5	1.0	1.4	1.6	2.7	2.7	2.1	1.9	21.1	919	
4 - 6		0.9	1.2	1.8	2.0	1.7	0.8	0.8	2.2	4.2	4.5	2.7	1.7	24.5	1069	
7 - 10		0.3	0.4	0.7	1.5	1.9	0.8	0.5	0.8	4.2	5.8	2.2	0.8	19.9	867	
11 - 15		0.1	*	0.2	1.1	2.0	0.3	0.4	0.1	1.3	4.4	3.3	0.5	13.7	596	
16 - 20		*	*	*	1.0	1.4	0.2	0.1	*	0.3	4.8	3.6	0.3	11.7	510	
21 - 24		-	-	*	1.0	0.7	*	*	*	0.1	1.7	1.9	0.1	5.5	240	
25 - 33		-	-	0.1	0.7	0.2	*	*	-	*	0.3	0.6	*	1.9	85	
34 - 47		-	-	-	0.1	*	-	-	-	-	-	-	-	0.2	7	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.5	2.9	3.6	4.3	9.2	9.4	3.1	3.3	4.8	12.7	24.3	16.5	5.3	100.0		
TOTAL N	23	125	156	189	403	408	137	144	210	552	1060	721	231	4359		

(* < 0.05%)

STATION: 46053

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: FEB

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	0.1	0.1	0.1	-	0.1	0.1	*	0.1	-	*	0.1	0.1	1.1	43
1 - 3		1.3	1.6	1.6	1.3	1.6	0.8	1.6	1.6	2.3	2.0	1.6	1.2	18.6	738
4 - 6		0.9	1.0	1.3	1.7	1.8	1.0	1.4	2.2	4.3	4.2	2.5	0.9	23.2	920
7 - 10		0.3	0.3	0.9	2.1	2.9	0.7	0.3	1.1	4.3	5.2	2.0	0.6	20.7	819
11 - 15		0.1	0.1	0.4	2.7	3.1	0.5	0.3	0.3	2.1	4.6	3.2	0.3	17.6	696
16 - 20		0.1	0.1	0.2	1.7	1.5	0.4	0.1	0.2	0.4	3.6	3.7	0.4	12.3	486
21 - 24		-	-	0.1	0.6	0.4	-	-	0.1	0.1	2.0	1.6	0.2	4.9	195
25 - 33		-	-	0.2	0.3	0.1	-	-	-	-	0.3	0.7	0.1	1.6	65
34 - 47		-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	2
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	2.8	3.1	4.7	10.5	11.4	3.5	3.8	5.5	13.4	22.0	15.4	3.7	100.0	
TOTAL N	17	110	121	185	415	450	138	150	218	531	871	610	148		3964

(* < 0.05%)

STATION: 46053

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: MAR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.3	0.1	0.1	*	0.1	*	*	*	0.1	0.1	0.1	*	*	1.2	53
1 - 3		1.2	1.2	1.8	1.4	1.3	1.1	0.9	1.7	1.6	2.0	1.4	0.8	16.5	723
4 - 6		1.0	0.8	1.6	1.9	1.6	0.9	0.8	2.1	4.3	4.4	1.8	1.0	22.2	974
7 - 10		0.3	0.2	0.9	2.2	1.5	0.3	0.3	1.3	4.8	6.9	2.8	0.6	22.3	982
11 - 15		*	0.1	0.2	1.4	1.3	0.3	0.3	0.1	2.2	8.0	3.5	0.4	17.6	774
16 - 20		-	-	*	0.8	0.8	0.1	*	0.1	0.8	6.0	3.5	0.2	12.4	543
21 - 24		-	-	-	0.5	0.3	*	*	*	*	2.5	1.7	*	5.3	232
25 - 33		-	-	*	0.6	0.2	*	-	-	-	0.7	0.9	*	2.5	110
34 - 47		-	-	-	*	*	-	-	-	-	-	-	-	0.1	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	2.7	2.3	4.6	9.0	7.1	2.8	2.4	5.4	14.0	30.8	15.6	3.1	100.0	
TOTAL N	15	117	102	201	397	310	125	106	237	613	1352	684	135		4394

(* < 0.05%)

STATION: 46053

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: APR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	0.1	0.1	*	*	*	*	0.1	0.1	0.1	*	0.1	*	0.9	38
1 - 3		1.2	0.9	0.7	0.9	0.7	0.6	0.8	1.6	1.8	1.7	1.3	1.0	13.2	570
4 - 6		0.9	0.7	1.0	1.0	0.6	0.3	0.3	1.9	3.8	3.7	1.7	0.6	16.7	722
7 - 10		0.2	0.2	0.5	1.1	0.7	0.2	0.4	2.2	6.3	5.9	2.4	0.3	20.3	879
11 - 15		0.1	*	0.1	0.4	0.2	*	0.1	1.2	5.6	8.9	3.2	0.3	20.2	874
16 - 20		*	-	-	0.1	0.1	*	-	*	1.0	8.0	4.7	0.2	14.1	608
21 - 24		-	-	-	0.1	*	*	-	-	0.2	5.0	3.9	0.1	9.4	405
25 - 33		-	-	-	0.1	-	-	-	-	*	2.2	2.9	*	5.2	224
34 - 47		-	-	-	-	-	-	-	-	-	-	*	-	0.0	2
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	2.4	1.9	2.3	3.8	2.5	1.3	1.8	7.0	18.8	35.4	20.2	2.6	100.0	
TOTAL N	4	104	82	100	164	107	55	77	304	813	1528	872	112		4322

(* < 0.05%)

STATION: 46053

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: MAY

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	0.2	0.1	0.1	*	0.1	0.1	*	*	*	0.2	0.1	*	1.7	87
1 - 3		1.0	0.9	1.3	1.1	0.9	0.7	1.0	1.0	2.0	2.1	1.5	1.2	14.9	763
4 - 6		0.7	0.8	1.2	1.6	1.0	0.5	0.7	2.6	4.4	3.8	1.7	0.7	19.6	1008
7 - 10		0.1	0.4	0.5	1.3	1.1	0.2	0.3	2.6	6.9	8.7	2.7	0.4	25.2	1295
11 - 15		-	*	0.1	0.9	0.8	0.1	0.1	1.1	3.3	9.9	4.0	0.1	20.3	1044
16 - 20		-	-	-	*	0.1	-	*	0.1	0.7	7.1	3.0	-	11.1	568
21 - 24		-	-	-	-	-	-	-	-	0.1	3.8	1.5	-	5.4	275
25 - 33		-	-	-	-	-	-	-	-	-	1.7	0.2	-	1.9	97
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	2.1	2.3	3.2	5.0	3.9	1.6	2.2	7.4	17.4	37.1	14.8	2.4	100.0	
TOTAL N	31	106	118	164	258	201	82	113	381	893	1908	758	124		5137

> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	1.6	1.7	2.6	3.5	2.2	1.2	2.1	10.1	31.5	34.8	6.4	2.1	100.0		
TOTAL N	11	69	77	114	153	99	53	93	445	1390	1532	281	91		4408	

(* < 0.05%)

STATION: 46053

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	0.1	0.1	0.1	0.1	0.1	*	0.2	0.1	*	0.1	*	0.1	1.4	63
1 - 3		1.2	1.4	1.8	2.1	1.4	1.2	1.5	1.7	2.9	2.5	1.7	1.4	20.7	918
4 - 6		0.7	0.8	1.7	2.2	1.0	0.6	0.7	1.9	5.9	6.2	1.8	0.8	24.4	1084
7 - 10		0.1	0.2	1.0	1.5	0.9	0.3	0.6	2.5	10.3	10.4	1.6	0.3	29.7	1319
11 - 15		0.1	*	*	0.4	0.1	*	0.4	0.7	5.1	6.7	1.3	0.1	14.8	658
16 - 20		-	-	-	*	0.1	0.1	*	*	0.8	3.0	1.5	0.2	5.7	254
21 - 24		-	-	-	-	0.1	0.1	*	-	*	0.6	0.9	*	1.8	78
25 - 33		-	-	-	-	-	-	-	-	-	0.2	1.2	*	1.4	64
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	2.1	2.6	4.6	6.2	3.7	2.3	3.4	7.0	25.1	29.7	10.0	2.8	100.0	
TOTAL N	16	95	114	204	277	166	102	150	309	1114	1320	445	126		4438

(* < 0.05%)

STATION: 46053

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: NOV

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	0.2	*	0.2	0.1	0.1	0.1	0.1	0.1	*	0.2	0.1	0.2	1.8	86
1 - 3		1.5	1.5	2.0	1.9	2.1	1.5	1.4	2.2	2.9	3.0	2.3	1.7	24.0	1164
4 - 6		1.0	1.0	1.4	1.7	1.5	0.8	0.7	2.3	4.3	4.9	2.8	1.4	23.8	1156
7 - 10		0.2	0.3	0.5	2.2	1.2	0.5	0.2	1.9	5.7	6.6	1.7	0.6	21.6	1050
11 - 15		0.1	*	0.1	1.4	0.7	0.1	0.1	0.2	2.1	5.1	3.3	0.7	14.0	681
16 - 20		0.1	-	-	0.3	0.2	0.1	-	*	0.3	4.0	3.7	0.4	9.0	439
21 - 24		-	-	-	*	-	*	-	-	*	1.2	2.7	0.1	4.0	194
25 - 33		-	-	-	*	0.1	-	-	-	-	0.3	1.4	*	1.8	88
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	3.1	2.9	4.1	7.7	5.8	3.1	2.5	6.8	15.3	25.1	18.1	5.1	100.0	
TOTAL N	20	149	143	198	376	282	153	122	329	743	1218	878	247		4858

(* < 0.05%)

STATION: 46053

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: DEC

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.7	0.2	0.1	0.1	*	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	2.0	106
1 - 3		2.0	1.8	2.1	2.2	1.9	2.0	1.3	2.0	2.8	3.2	2.6	2.2	26.0	1349
4 - 6		1.1	0.9	1.9	2.3	1.4	0.9	0.9	2.9	5.7	4.1	2.8	1.4	26.4	1367
7 - 10		0.3	0.3	0.8	1.5	1.4	0.7	0.5	1.1	3.9	5.1	1.9	1.0	18.4	952
11 - 15		0.2	0.1	0.1	1.4	1.0	0.3	0.2	0.2	0.9	3.6	2.7	0.8	11.4	591
16 - 20		*	-	*	1.1	0.6	*	*	0.1	0.3	3.2	3.5	0.3	9.2	476
21 - 24		-	-	*	0.4	0.3	-	0.1	0.1	0.1	1.4	2.5	0.1	4.9	253
25 - 33		-	-	*	0.4	*	-	-	-	-	0.2	0.9	0.1	1.6	85
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	3.8	3.2	5.1	9.3	6.5	4.0	3.2	6.4	13.8	21.1	16.9	6.0	100.0	
TOTAL N	36	196	165	263	483	338	206	167	334	714	1091	877	309		5179

(* < 0.05%)

STATION: 46053

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.2	674
1 - 3		1.1	1.2	1.3	1.3	1.1	0.9	1.0	1.5	2.1	2.2	1.7	1.3	16.9	9494
4 - 6		0.8	0.8	1.3	1.5	1.0	0.6	0.7	2.3	4.9	4.4	2.0	0.9	21.3	12006
7 - 10		0.2	0.3	0.6	1.3	1.1	0.3	0.4	2.5	7.7	7.8	1.8	0.4	24.5	13774
11 - 15		0.1	*	0.1	0.9	0.8	0.1	0.2	1.1	6.0	8.8	2.3	0.3	20.7	11674

16 - 20	*	*	*	0.4	0.4	0.1	*	0.1	1.1	5.3	2.5	0.1	10.1	5666
21 - 24	-	-	*	0.2	0.1	*	*	*	0.1	1.8	1.5	*	3.8	2130
25 - 33	-	-	*	0.2	*	*	*	-	*	0.5	0.7	*	1.5	862
34 - 47	-	-	*	*	*	-	-	-	-	-	*	-	0.0	14
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	2.3	2.4	3.4	5.8	4.6	2.1	2.5	7.7	22.0	31.0	12.6	3.2	100.0
TOTAL N	212	1316	1332	1938	3254	2597	1199	1390	4320	12371	17472	7089	1804	56294

(* < 0.05%)

STATION: 46053

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Months: DEC, JAN, FEB (Winter)

WIND SPEED	CALM	WIND DIRECTION													TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.6	0.2	0.1	0.1	*	0.1	0.1	0.1	0.1	*	0.1	0.1	0.1	1.6	215	
1 - 3		1.6	1.7	1.8	1.8	1.7	1.3	1.4	1.8	2.6	2.7	2.2	1.8	22.3	3006	
4 - 6		1.0	1.0	1.7	2.0	1.6	0.9	1.0	2.5	4.8	4.3	2.7	1.4	24.9	3356	
7 - 10		0.3	0.3	0.8	1.7	2.0	0.7	0.4	1.0	4.1	5.4	2.0	0.8	19.5	2638	
11 - 15		0.1	0.1	0.2	1.7	1.9	0.3	0.3	0.2	1.4	4.2	3.0	0.5	13.9	1883	
16 - 20		*	*	0.1	1.3	1.1	0.2	0.1	0.1	0.3	3.9	3.6	0.3	10.9	1472	
21 - 24		-	-	*	0.7	0.4	*	*	*	0.1	1.7	2.0	0.1	5.1	688	
25 - 33		-	-	0.1	0.5	0.1	*	*	-	*	0.3	0.7	0.1	1.7	235	
34 - 47		-	-	*	*	*	-	-	-	-	-	-	-	0.1	9	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.6	3.2	3.3	4.7	9.6	8.9	3.6	3.4	5.6	13.3	22.4	16.4	5.1	100.0		
TOTAL N	76	431	442	637	1301	1196	481	461	762	1797	3022	2208	688	13502		

(* < 0.05%)

STATION: 46053

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION													TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	1.3	178	
1 - 3		1.1	1.0	1.3	1.1	1.0	0.8	0.9	1.4	1.8	1.9	1.4	1.0	14.8	2056	
4 - 6		0.8	0.8	1.3	1.5	1.1	0.6	0.6	2.2	4.2	4.0	1.7	0.8	19.5	2704	
7 - 10		0.2	0.3	0.6	1.5	1.1	0.2	0.3	2.1	6.0	7.2	2.6	0.4	22.8	3156	
11 - 15		*	*	0.1	0.9	0.8	0.1	0.1	0.8	3.6	9.0	3.6	0.3	19.4	2692	
16 - 20		*	-	*	0.3	0.3	0.1	*	0.1	0.8	7.0	3.7	0.1	12.4	1719	
21 - 24		-	-	-	0.2	0.1	*	*	*	0.1	3.8	2.3	*	6.6	912	
25 - 33		-	-	*	0.2	0.1	*	-	-	*	1.5	1.2	*	3.1	431	
34 - 47		-	-	-	*	*	-	-	-	-	-	*	-	0.0	5	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.4	2.4	2.2	3.4	5.9	4.5	1.9	2.1	6.7	16.7	34.6	16.7	2.7	100.0		
TOTAL N	50	327	302	465	819	618	262	296	922	2319	4788	2314	371	13853		

(* < 0.05%)

STATION: 46053

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	WIND DIRECTION													TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.3	0.1	*	*	*	*	*	*	*	*	*	*	*	0.7	104	
1 - 3		0.8	0.7	0.8	0.7	0.6	0.6	0.7	1.2	1.7	1.7	1.3	1.0	11.7	1783	
4 - 6		0.6	0.7	0.8	0.8	0.5	0.3	0.5	2.3	5.1	4.2	1.8	0.6	18.2	2779	
7 - 10		0.1	0.2	0.4	0.5	0.4	0.1	0.3	3.9	11.2	9.4	1.2	0.2	27.9	4251	
11 - 15		-	*	*	0.2	0.1	*	0.2	2.6	12.3	13.6	1.0	*	30.0	4570	
16 - 20		-	-	-	-	-	*	*	0.2	2.4	6.5	0.7	*	9.8	1499	
21 - 24		-	-	-	-	-	-	-	-	0.1	1.1	0.2	-	1.4	217	
25 - 33		-	-	-	-	-	-	-	-	-	0.1	0.1	-	0.2	32	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.3	1.6	1.7	2.1	2.2	1.5	1.0	1.8	10.2	32.9	36.7	6.3	1.8	100.0		
TOTAL N	39	245	254	320	328	236	148	268	1553	5008	5592	963	281	15235		

(* < 0.05%)

STATION: 46053

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	CALM	WIND DIRECTION													TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.3	0.1	0.1	0.1	0.1	0.1	*	0.1	0.1	0.1	0.1	0.1	0.1	1.3	177	
1 - 3		1.1	1.3	1.6	1.6	1.4	1.1	1.2	1.8	2.5	2.5	1.8	1.4	19.3	2649	
4 - 6		0.8	0.8	1.3	1.7	1.1	0.7	0.7	2.4	5.2	5.2	2.1	1.1	23.1	3167	
7 - 10		0.2	0.3	0.6	1.6	0.9	0.3	0.4	2.7	9.2	9.2	1.6	0.3	27.2	3729	

11 - 15	0.1	*	0.1	0.8	0.4	0.1	0.2	0.8	5.9	8.0	1.9	0.3	18.5	2529
16 - 20	*	-	-	0.1	0.1	*	*	0.1	0.8	3.7	2.0	0.2	7.1	976
21 - 24	-	-	-	*	*	*	*	-	*	0.7	1.4	*	2.3	313
25 - 33	-	-	-	*	*	-	-	-	-	0.2	0.9	*	1.2	164
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	2.3	2.4	3.8	5.9	4.0	2.2	2.7	7.9	23.7	29.7	11.7	3.4	100.0
TOTAL N	47	313	334	516	806	547	308	365	1083	3247	4070	1604	464	13704

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: JAN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.5	64
1 - 3	*	13.0	7.2	0.9	*	-	-	-	-	-	-	-	-	-	-	21.1	914
4 - 6	*	15.0	8.1	1.3	*	-	-	-	-	-	-	-	-	-	-	24.4	1058
7 - 10	-	10.8	7.5	1.4	0.1	*	-	-	-	-	-	-	-	-	-	19.9	862
11 - 15	-	4.4	7.6	1.2	0.4	-	-	-	-	-	-	-	-	-	-	13.6	590
16 - 20	-	2.5	6.8	2.2	0.2	*	-	-	-	-	-	-	-	-	-	11.6	503
21 - 24	-	0.5	3.3	1.5	0.2	-	-	-	-	-	-	-	-	-	-	5.5	237
25 - 33	-	*	1.0	0.7	0.2	-	-	-	-	-	-	-	-	-	-	1.9	83
34 - 47	-	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	7
> 48	-	0.1	0.1	*	-	*	-	-	-	-	-	-	-	-	-	0.3	11
TOTAL %	0.0	47.0	42.2	9.5	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	2036	1828	411	49	3	0	0	0	0	0	0	0	0	0		4329

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: FEB

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.1	42
1 - 3	*	11.4	6.3	0.9	0.1	-	-	-	-	-	-	-	-	-	-	18.6	723
4 - 6	-	13.6	8.2	1.3	0.1	*	-	-	-	-	-	-	-	-	-	23.2	902
7 - 10	-	10.8	8.3	1.2	0.3	*	-	-	-	-	-	-	-	-	-	20.7	803
11 - 15	-	7.0	9.2	1.1	0.1	-	-	-	-	-	-	-	-	-	-	17.3	672
16 - 20	-	2.8	8.0	1.3	0.1	*	-	-	-	-	-	-	-	-	-	12.3	478
21 - 24	-	0.7	3.5	0.6	0.1	-	-	-	-	-	-	-	-	-	-	4.9	190
25 - 33	-	0.1	1.0	0.4	-	-	-	-	-	-	-	-	-	-	-	1.5	58
34 - 47	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	2
> 48	-	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	12
TOTAL %	0.0	47.4	44.8	7.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	1841	1739	270	28	3	0	0	0	0	0	0	0	0	0		3882

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: MAR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.1	50
1 - 3	0.1	10.1	5.8	0.4	-	-	-	-	-	-	-	-	-	-	-	16.4	715
4 - 6	0.2	13.2	8.0	0.7	-	-	-	-	-	-	-	-	-	-	-	22.0	963
7 - 10	0.2	13.5	7.6	0.8	-	-	-	-	-	-	-	-	-	-	-	22.2	968
11 - 15	-	8.4	8.2	0.9	-	-	-	-	-	-	-	-	-	-	-	17.5	766
16 - 20	-	2.9	8.0	1.5	-	-	-	-	-	-	-	-	-	-	-	12.4	542
21 - 24	-	0.5	3.7	1.1	-	-	-	-	-	-	-	-	-	-	-	5.3	230
25 - 33	-	0.1	1.9	0.5	*	-	-	-	-	-	-	-	-	-	-	2.5	110
34 - 47	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	3
> 48	-	0.3	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.5	23
TOTAL %	0.4	50.0	43.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	18	2187	1901	263	1	0	0	0	0	0	0	0	0	0	0		4370

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: APR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.7	32
1 - 3	0.1	9.0	4.1	*	-	-	-	-	-	-	-	-	-	-	-	13.2	568
4 - 6	0.1	11.7	4.7	0.1	-	-	-	-	-	-	-	-	-	-	-	16.5	711
7 - 10	0.1	14.6	5.6	*	-	-	-	-	-	-	-	-	-	-	-	20.3	874
11 - 15	*	13.0	6.9	0.2	-	-	-	-	-	-	-	-	-	-	-	20.2	868
16 - 20	-	4.6	8.8	0.7	-	-	-	-	-	-	-	-	-	-	-	14.1	608
21 - 24	-	0.7	7.6	1.0	-	-	-	-	-	-	-	-	-	-	-	9.3	402
25 - 33	-	0.3	3.3	1.6	-	-	-	-	-	-	-	-	-	-	-	5.2	224
34 - 47	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
> 48	-	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.3	12
TOTAL %	0.3	54.5	41.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	11	2345	1778	167	0	0	0	0	0	0	0	0	0	0	0		4301

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: MAY

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.7	85
1 - 3	0.1	11.3	3.1	0.3	-	-	-	-	-	-	-	-	-	-	-	14.8	756
4 - 6	0.2	15.7	3.3	0.2	-	-	-	-	-	-	-	-	-	-	-	19.5	996
7 - 10	0.2	20.3	4.7	*	-	-	-	-	-	-	-	-	-	-	-	25.2	1286
11 - 15	*	14.8	5.5	*	-	-	-	-	-	-	-	-	-	-	-	20.3	1038
16 - 20	-	4.6	6.3	0.2	-	-	-	-	-	-	-	-	-	-	-	11.1	567
21 - 24	-	1.1	4.0	0.3	-	-	-	-	-	-	-	-	-	-	-	5.4	275
25 - 33	-	0.1	1.5	0.2	-	-	-	-	-	-	-	-	-	-	-	1.9	96
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	8
TOTAL %	0.5	69.6	28.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	27	3556	1458	66	0	0	0	0	0	0	0	0	0	0	0		5107

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: JUN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.9	46
1 - 3	0.2	11.8	1.7	-	-	-	-	-	-	-	-	-	-	-	-	13.7	678
4 - 6	0.4	16.7	2.9	*	-	-	-	-	-	-	-	-	-	-	-	20.1	991
7 - 10	0.6	21.7	3.9	*	-	-	-	-	-	-	-	-	-	-	-	26.2	1292
11 - 15	0.2	20.3	5.4	0.1	-	-	-	-	-	-	-	-	-	-	-	26.0	1283
16 - 20	-	4.9	3.7	0.2	-	-	-	-	-	-	-	-	-	-	-	8.8	432
21 - 24	-	0.6	1.8	0.1	-	-	-	-	-	-	-	-	-	-	-	2.5	122
25 - 33	-	-	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	0.5	26
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.8	0.3	0.2	-	-	-	-	-	-	-	-	-	-	-	1.3	66
TOTAL %	1.5	77.6	20.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	74	3830	994	38	0	0	0	0	0	0	0	0	0	0	0		4936

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: JUL

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.6	30
1 - 3	0.4	10.9	0.5	-	-	-	-	-	-	-	-	-	-	-	-	11.8	604
4 - 6	0.7	15.9	0.6	-	-	-	-	-	-	-	-	-	-	-	-	17.2	876
7 - 10	1.1	24.4	1.4	-	-	-	-	-	-	-	-	-	-	-	-	26.9	1373
11 - 15	0.5	26.3	3.4	-	-	-	-	-	-	-	-	-	-	-	-	30.1	1536
16 - 20	*	7.4	4.0	-	-	-	-	-	-	-	-	-	-	-	-	11.4	580
21 - 24	-	0.4	0.8	-	-	-	-	-	-	-	-	-	-	-	-	1.3	64
25 - 33	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.7	38

TOTAL %	2.8	86.4	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	141	4408	553	0	0	0	0	0	0	0	0	0	0	0	0		5102

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: AUG

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.5	25
1 - 3	0.2	8.9	0.2	-	-	-	-	-	-	-	-	-	-	-	-	9.3	480
4 - 6	0.5	16.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	17.2	891
7 - 10	0.3	28.9	0.6	-	-	-	-	-	-	-	-	-	-	-	-	29.8	1539
11 - 15	*	30.2	2.6	-	-	-	-	-	-	-	-	-	-	-	-	32.8	1696
16 - 20	-	6.9	2.2	-	-	-	-	-	-	-	-	-	-	-	-	9.1	471
21 - 24	-	0.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.5	27
25 - 33	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	4
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.7	38
TOTAL %	0.9	92.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	47	4798	326	0	0	0	0	0	0	0	0	0	0	0	0		5171

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: SEP

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.6	28
1 - 3	*	11.4	1.4	-	-	-	-	-	-	-	-	-	-	-	-	12.9	565
4 - 6	0.2	19.0	1.8	-	-	-	-	-	-	-	-	-	-	-	-	21.0	922
7 - 10	0.5	28.3	2.0	-	-	-	-	-	-	-	-	-	-	-	-	30.9	1355
11 - 15	0.1	23.4	3.4	-	-	-	-	-	-	-	-	-	-	-	-	26.8	1179
16 - 20	-	4.2	2.2	-	-	-	-	-	-	-	-	-	-	-	-	6.4	280
21 - 24	-	0.3	0.6	-	-	-	-	-	-	-	-	-	-	-	-	0.9	41
25 - 33	-	*	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.3	12
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	10
TOTAL %	0.8	87.4	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	36	3839	517	0	0	0	0	0	0	0	0	0	0	0	0		4392

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: OCT

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.4	63
1 - 3	0.2	16.8	3.5	0.1	-	-	-	-	-	-	-	-	-	-	-	20.5	902
4 - 6	0.5	20.4	3.5	0.1	-	-	-	-	-	-	-	-	-	-	-	24.5	1076
7 - 10	1.1	25.3	3.2	0.2	-	-	-	-	-	-	-	-	-	-	-	29.8	1309
11 - 15	0.2	12.4	2.1	0.1	-	-	-	-	-	-	-	-	-	-	-	14.8	650
16 - 20	-	3.4	2.3	0.1	-	-	-	-	-	-	-	-	-	-	-	5.8	253
21 - 24	-	0.5	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	1.8	77
25 - 33	-	-	1.1	0.3	-	-	-	-	-	-	-	-	-	-	-	1.4	61
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	7
TOTAL %	1.9	80.1	16.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	85	3523	744	46	0	0	0	0	0	0	0	0	0	0	0		4398

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: NOV

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.8	86
1 - 3	0.2	16.6	6.8	0.4	*	-	-	-	-	-	-	-	-	-	-	24.0	1161
4 - 6	0.2	16.1	7.0	0.5	*	-	-	-	-	-	-	-	-	-	-	23.8	1152

7 - 10	0.2	14.7	6.2	0.5	-	-	-	-	-	-	-	-	-	-	-	21.6	1046
11 - 15	-	7.6	5.5	0.8	-	-	-	-	-	-	-	-	-	-	-	13.9	674
16 - 20	-	2.2	5.6	1.1	0.1	-	-	-	-	-	-	-	-	-	-	9.0	436
21 - 24	-	0.4	2.9	0.7	*	-	-	-	-	-	-	-	-	-	-	4.0	193
25 - 33	-	*	1.3	0.4	-	-	-	-	-	-	-	-	-	-	-	1.7	84
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	9
TOTAL %	0.6	59.0	35.8	4.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	31	2857	1733	213	7	0	0	0	0	0	0	0	0	0	0		4841

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: DEC

		WAVE HEIGHT														TOT %	TOT N	
WIND SPEED		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
0		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	2.0	105
1 - 3		-	13.4	11.6	0.9	*	-	-	-	-	-	-	-	-	-	-	26.0	1340
4 - 6		-	13.7	11.2	1.3	0.1	0.1	-	-	-	-	-	-	-	-	-	26.4	1362
7 - 10		-	8.7	8.2	1.2	0.1	0.2	*	-	-	-	-	-	-	-	-	18.4	950
11 - 15		-	4.0	5.7	1.5	0.3	0.1	-	-	-	-	-	-	-	-	-	11.4	589
16 - 20		-	2.2	4.6	2.0	0.3	*	-	-	-	-	-	-	-	-	-	9.2	473
21 - 24		-	0.5	2.8	1.3	0.3	-	-	-	-	-	-	-	-	-	-	4.9	251
25 - 33		-	*	1.0	0.5	*	-	-	-	-	-	-	-	-	-	-	1.6	83
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	10
TOTAL %		0.0	43.7	46.1	8.7	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		0	2257	2379	449	57	19	2	0	0	0	0	0	0	0	0		5163

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

All Months: Annual

		WAVE HEIGHT														TOT %	TOT N	
WIND SPEED		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
0		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.2	656
1 - 3		0.1	12.1	4.3	0.3	*	-	-	-	-	-	-	-	-	-	-	16.8	9406
4 - 6		0.3	15.7	4.9	0.4	*	*	-	-	-	-	-	-	-	-	-	21.3	11900
7 - 10		0.4	18.7	4.8	0.4	*	*	*	-	-	-	-	-	-	-	-	24.4	13657
11 - 15		0.1	14.6	5.3	0.5	0.1	*	-	-	-	-	-	-	-	-	-	20.6	11541
16 - 20		*	4.1	5.1	0.8	0.1	*	-	-	-	-	-	-	-	-	-	10.0	5623
21 - 24		-	0.5	2.6	0.6	*	-	-	-	-	-	-	-	-	-	-	3.8	2109
25 - 33		-	0.1	1.0	0.4	*	-	-	-	-	-	-	-	-	-	-	1.5	842
34 - 47		-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	14
> 48		-	0.3	0.1	*	-	*	-	-	-	-	-	-	-	-	-	0.4	244
TOTAL %		0.8	66.9	28.5	3.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		473	37477	15950	1923	142	25	2	0	0	0	0	0	0	0	0		55992

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Months: DEC, JAN, FEB (Winter)

		WAVE HEIGHT														TOT %	TOT N	
WIND SPEED		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
0		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.6	211
1 - 3		*	12.7	8.6	0.9	*	-	-	-	-	-	-	-	-	-	-	22.3	2977
4 - 6		*	14.1	9.3	1.3	0.1	*	-	-	-	-	-	-	-	-	-	24.8	3322
7 - 10		-	10.0	8.0	1.3	0.2	0.1	*	-	-	-	-	-	-	-	-	19.6	2615
11 - 15		-	5.0	7.3	1.3	0.2	*	-	-	-	-	-	-	-	-	-	13.8	1851
16 - 20		-	2.5	6.3	1.9	0.2	*	-	-	-	-	-	-	-	-	-	10.9	1454
21 - 24		-	0.6	3.1	1.2	0.2	-	-	-	-	-	-	-	-	-	-	5.1	678
25 - 33		-	*	1.0	0.6	0.1	-	-	-	-	-	-	-	-	-	-	1.7	224
34 - 47		-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	9
> 48		-	0.1	0.1	*	-	*	-	-	-	-	-	-	-	-	-	0.2	33
TOTAL %		0.0	45.9	44.5	8.4	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		3	6134	5946	1130	134	25	2	0	0	0	0	0	0	0	0		13374

(* < 0.05%)

STATION: 46053

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	2.7	2.4	0.4	-	-	-	-	-	-	-	-	-	-	-	5.5	240
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.3	12
TOTAL %	0.4	50.0	43.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	18	2187	1901	263	1	0	0	0	0	0	0	0	0	0	0		4370
(* < 0.05%)																	

STATION: 46053

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: APR

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	42
4.5 - 5.4	-	2.9	1.4	-	-	-	-	-	-	-	-	-	-	-	-	4.3	184
5.5 - 6.4	-	4.1	4.3	0.3	-	-	-	-	-	-	-	-	-	-	-	8.7	375
6.5 - 7.4	-	2.7	3.1	0.7	-	-	-	-	-	-	-	-	-	-	-	6.5	281
7.5 - 8.4	-	4.8	5.2	0.4	-	-	-	-	-	-	-	-	-	-	-	10.4	446
8.5 - 9.4	-	4.1	3.4	0.2	-	-	-	-	-	-	-	-	-	-	-	7.8	334
9.5 - 10.4	-	6.2	3.6	0.5	-	-	-	-	-	-	-	-	-	-	-	10.3	444
10.5 - 11.4	*	11.0	5.4	0.6	-	-	-	-	-	-	-	-	-	-	-	17.0	731
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.2	10.9	10.0	0.5	-	-	-	-	-	-	-	-	-	-	-	21.6	927
13.5 - 14.4	*	5.0	3.6	0.5	-	-	-	-	-	-	-	-	-	-	-	9.2	394
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.5	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	2.8	121
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.5	21
TOTAL %	0.3	54.5	41.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	11	2345	1778	167	0	0	0	0	0	0	0	0	0	0	0		4301
(* < 0.05%)																	

STATION: 46053

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: MAY

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	14
3.5 - 4.4	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	59
4.5 - 5.4	-	4.2	1.6	-	-	-	-	-	-	-	-	-	-	-	-	5.8	296
5.5 - 6.4	-	7.1	5.6	*	-	-	-	-	-	-	-	-	-	-	-	12.7	651
6.5 - 7.4	*	9.2	3.7	0.1	-	-	-	-	-	-	-	-	-	-	-	13.0	665
7.5 - 8.4	0.1	12.6	5.1	0.2	-	-	-	-	-	-	-	-	-	-	-	18.1	922
8.5 - 9.4	0.1	8.7	2.3	0.2	-	-	-	-	-	-	-	-	-	-	-	11.3	578
9.5 - 10.4	*	9.9	3.0	*	-	-	-	-	-	-	-	-	-	-	-	13.0	664
10.5 - 11.4	-	7.2	3.3	0.2	-	-	-	-	-	-	-	-	-	-	-	10.6	543
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	5.9	2.8	0.3	-	-	-	-	-	-	-	-	-	-	-	9.1	464
13.5 - 14.4	0.1	2.2	1.0	0.3	-	-	-	-	-	-	-	-	-	-	-	3.6	186
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.1	54
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	11
TOTAL %	0.5	69.6	28.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	27	3556	1458	66	0	0	0	0	0	0	0	0	0	0	0		5107
(* < 0.05%)																	

STATION: 46053

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

STATION: 46053

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	7
4.5 - 5.4	-	0.5	0.5	-	-	-	-	-	-	-	-	-	-	-	-	1.0	46
5.5 - 6.4	-	2.1	1.7	*	-	-	-	-	-	-	-	-	-	-	-	3.8	184
6.5 - 7.4	-	2.5	1.0	*	-	-	-	-	-	-	-	-	-	-	-	3.4	166
7.5 - 8.4	-	4.2	1.3	*	-	-	-	-	-	-	-	-	-	-	-	5.5	268
8.5 - 9.4	*	3.9	1.7	0.1	-	-	-	-	-	-	-	-	-	-	-	5.7	277
9.5 - 10.4	*	6.3	2.3	0.3	-	-	-	-	-	-	-	-	-	-	-	9.0	436
10.5 - 11.4	*	9.9	4.5	0.4	-	-	-	-	-	-	-	-	-	-	-	14.8	715
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.3	14.1	10.7	0.5	-	-	-	-	-	-	-	-	-	-	-	25.6	1237
13.5 - 14.4	0.1	8.5	9.3	1.7	*	-	-	-	-	-	-	-	-	-	-	19.7	955
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	5.8	2.3	1.3	0.1	-	-	-	-	-	-	-	-	-	-	9.6	465
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	1.1	0.6	-	*	-	-	-	-	-	-	-	-	-	-	1.7	83
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.6	59.0	35.8	4.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	31	2857	1733	213	7	0	0	0	0	0	0	0	0	0	0		4841

(* < 0.05%)

STATION: 46053

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	18
4.5 - 5.4	-	1.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	1.5	78
5.5 - 6.4	-	1.7	1.0	*	-	-	-	-	-	-	-	-	-	-	-	2.8	142
6.5 - 7.4	-	2.5	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	3.1	161
7.5 - 8.4	-	1.3	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	2.3	121
8.5 - 9.4	-	0.7	0.9	0.2	-	-	-	-	-	-	-	-	-	-	-	1.7	89
9.5 - 10.4	-	2.8	1.4	0.3	-	-	-	-	-	-	-	-	-	-	-	4.4	228
10.5 - 11.4	-	8.1	4.0	0.5	-	-	-	-	-	-	-	-	-	-	-	12.5	646
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	12.3	12.6	1.9	*	-	-	-	-	-	-	-	-	-	-	26.8	1382
13.5 - 14.4	-	8.8	14.2	3.7	0.6	*	-	-	-	-	-	-	-	-	-	27.3	1411
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.1	7.6	1.7	0.5	0.3	*	-	-	-	-	-	-	-	-	13.2	679
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.0	2.5	0.4	-	-	-	-	-	-	-	-	-	-	-	3.9	201
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
TOTAL %	0.0	43.7	46.1	8.7	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2257	2379	449	57	19	2	0	0	0	0	0	0	0	0		5163

(* < 0.05%)

STATION: 46053

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		

< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	69
3.5 - 4.4	*	1.3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	766
4.5 - 5.4	*	4.7	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5	3081
5.5 - 6.4	*	6.6	2.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	9.2	5176
6.5 - 7.4	0.1	5.8	1.6	0.1	*	-	-	-	-	-	-	-	-	-	-	-	7.6	4230
7.5 - 8.4	0.2	10.4	2.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	12.9	7247
8.5 - 9.4	0.1	6.1	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	7.9	4404
9.5 - 10.4	0.1	6.2	1.9	0.2	*	-	-	-	-	-	-	-	-	-	-	-	8.3	4652
10.5 - 11.4	*	7.6	2.9	0.3	-	-	-	-	-	-	-	-	-	-	-	-	10.8	6043
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.1	8.9	6.3	0.7	*	-	-	-	-	-	-	-	-	-	-	-	16.0	8939
13.5 - 14.4	0.1	5.5	5.5	1.2	0.1	*	-	-	-	-	-	-	-	-	-	-	12.4	6937
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	3.0	2.4	0.6	0.1	*	*	-	-	-	-	-	-	-	-	-	6.2	3447
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	0.8	0.8	0.1	*	*	-	-	-	-	-	-	-	-	-	-	1.7	967
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	32
TOTAL %	0.8	66.9	28.5	3.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	473	37477	15949	1923	142	25	2	0	0	0	0	0	0	0	0	0		55991

(* < 0.05%)

STATION: 46053

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	-	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.4	48
4.5 - 5.4	-	0.9	0.7	-	-	-	-	-	-	-	-	-	-	-	-	1.6	215
5.5 - 6.4	-	1.2	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	2.2	296
6.5 - 7.4	-	1.5	0.4	0.1	*	-	-	-	-	-	-	-	-	-	-	2.0	266
7.5 - 8.4	*	1.7	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	2.6	343
8.5 - 9.4	*	1.3	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	2.3	302
9.5 - 10.4	-	3.3	1.6	0.2	-	-	-	-	-	-	-	-	-	-	-	5.1	687
10.5 - 11.4	-	7.3	4.1	0.6	-	-	-	-	-	4.1	-	-	-	-	-	12.0	1606
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	12.5	12.7	1.8	0.1	-	-	-	-	-	-	-	-	-	-	27.1	3619
13.5 - 14.4	*	9.5	14.0	3.3	0.4	*	-	-	-	-	-	-	-	-	-	27.2	3639
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	4.8	6.4	1.7	0.4	0.2	*	-	-	-	-	-	-	-	-	13.5	1812
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	1.4	1.9	0.5	0.1	*	-	-	-	-	-	-	-	-	-	3.9	519
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.1	19
TOTAL %	0.0	45.9	44.5	8.4	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3	6134	5945	1130	134	25	2	0	0	0	0	0	0	0	0		13373

(* < 0.05%)

STATION: 46053

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	15
3.5 - 4.4	-	0.9	*	-	-	-	-	-	-	-	-	-	-	-	-	1.0	131
4.5 - 5.4	-	2.8	1.5	-	-	-	-	-	-	-	-	-	-	-	-	4.3	592
5.5 - 6.4	-	4.1	4.3	0.2	-	-	-	-	-	-	-	-	-	-	-	8.6	1180

19.5 - 20.4	*	0.7	0.4	*	*	-	-	-	-	-	-	-	-	-	-	-	1.1	155
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.1	75.0	22.0	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	152	10219	2994	259	7	0	0	0	0	0	0	0	0	0	0	0		13631

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: JAN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	19
4.5 - 5.4	-	4.3	2.2	*	-	-	-	-	-	-	-	-	-	-	-	6.5	282
5.5 - 6.4	-	7.7	6.4	0.4	-	-	-	-	-	-	-	-	-	-	-	14.6	630
6.5 - 7.4	*	10.0	8.6	1.2	-	-	-	-	-	-	-	-	-	-	-	19.9	860
7.5 - 8.4	*	10.0	8.4	2.0	0.1	-	-	-	-	-	-	-	-	-	-	20.4	885
8.5 - 9.4	-	7.1	5.8	2.1	0.1	-	-	-	-	-	-	-	-	-	-	15.0	650
9.5 - 10.4	-	4.3	5.9	1.4	0.3	-	-	-	-	-	-	-	-	-	-	12.0	518
10.5 - 11.4	-	2.2	3.3	0.8	0.3	*	-	-	-	-	-	-	-	-	-	6.7	289
11.5 - 12.4	-	0.7	1.1	0.7	0.3	*	-	-	-	-	-	-	-	-	-	2.8	122
12.5 - 13.4	-	0.2	0.4	0.7	-	-	-	-	-	-	-	-	-	-	-	1.2	54
13.5 - 14.4	-	0.1	*	0.3	-	-	-	-	-	-	-	-	-	-	-	0.4	19
14.5 - 15.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	47.0	42.2	9.5	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	2036	1828	411	49	3	0	0	0	0	0	0	0	0	0		4329

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.6	*	-	-	-	-	-	-	-	-	-	-	-	-	0.6	24
4.5 - 5.4	-	4.9	2.9	*	-	-	-	-	-	-	-	-	-	-	-	7.8	302
5.5 - 6.4	-	8.7	7.1	0.5	*	-	-	-	-	-	-	-	-	-	-	16.3	633
6.5 - 7.4	-	11.0	9.0	1.1	-	-	-	-	-	-	-	-	-	-	-	21.1	819
7.5 - 8.4	-	9.3	9.3	0.9	*	-	-	-	-	-	-	-	-	-	-	19.5	758
8.5 - 9.4	*	7.3	7.3	1.2	0.1	-	-	-	-	-	-	-	-	-	-	15.8	615
9.5 - 10.4	-	2.3	5.4	1.5	0.3	-	-	-	-	-	-	-	-	-	-	9.5	367
10.5 - 11.4	-	2.1	2.1	0.9	0.2	0.1	-	-	-	-	-	-	-	-	-	5.4	208
11.5 - 12.4	-	1.0	1.2	0.6	0.2	-	-	-	-	-	-	-	-	-	-	2.9	114
12.5 - 13.4	-	0.3	0.6	0.2	-	*	-	-	-	-	-	-	-	-	-	1.1	41
13.5 - 14.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	47.4	44.8	7.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	1841	1739	270	28	3	0	0	0	0	0	0	0	0	0		3882

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.1	49
4.5 - 5.4	*	6.0	4.7	-	-	-	-	-	-	-	-	-	-	-	-	10.7	469
5.5 - 6.4	*	10.5	11.1	0.8	-	-	-	-	-	-	-	-	-	-	-	22.5	984
6.5 - 7.4	0.1	11.4	11.4	1.7	*	-	-	-	-	-	-	-	-	-	-	24.6	1077

7.5 - 8.4	0.2	9.5	7.6	1.3	-	-	-	-	-	-	-	-	-	-	-	-	18.6	813
8.5 - 9.4	*	6.8	4.7	0.8	-	-	-	-	-	-	-	-	-	-	-	-	12.4	542
9.5 - 10.4	*	3.5	2.5	0.9	-	-	-	-	-	-	-	-	-	-	-	-	7.0	305
10.5 - 11.4	-	1.0	0.9	0.4	-	-	-	-	-	-	-	-	-	-	-	-	2.3	100
11.5 - 12.4	-	0.2	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.6	27
12.5 - 13.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	0.4	50.0	43.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	18	2187	1901	263	1	0	0	0	0	0	0	0	0	0	0	0		4370

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	2.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.7	117
4.5 - 5.4	-	16.9	7.6	-	-	-	-	-	-	-	-	-	-	-	-	24.6	1056
5.5 - 6.4	*	15.2	16.0	1.9	-	-	-	-	-	-	-	-	-	-	-	33.1	1424
6.5 - 7.4	0.1	12.8	8.6	1.6	-	-	-	-	-	-	-	-	-	-	-	23.0	989
7.5 - 8.4	0.1	4.9	5.1	0.3	-	-	-	-	-	-	-	-	-	-	-	10.4	447
8.5 - 9.4	*	1.7	2.4	*	-	-	-	-	-	-	-	-	-	-	-	4.2	181
9.5 - 10.4	-	0.4	0.9	-	-	-	-	-	-	-	-	-	-	-	-	1.3	54
10.5 - 11.4	-	*	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.4	19
11.5 - 12.4	-	-	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	0.3	11
12.5 - 13.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	0.3	54.5	41.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	11	2345	1778	167	0	0	0	0	0	0	0	0	0	0	0		4301

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	0.1	3.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.8	192
4.5 - 5.4	0.1	21.3	8.5	-	-	-	-	-	-	-	-	-	-	-	-	29.8	1523
5.5 - 6.4	0.3	24.7	11.3	0.3	-	-	-	-	-	-	-	-	-	-	-	36.7	1872
6.5 - 7.4	0.1	13.7	5.2	0.3	-	-	-	-	-	-	-	-	-	-	-	19.3	985
7.5 - 8.4	-	4.2	1.9	0.1	-	-	-	-	-	-	-	-	-	-	-	6.2	319
8.5 - 9.4	-	2.0	1.2	0.3	-	-	-	-	-	-	-	-	-	-	-	3.5	178
9.5 - 10.4	-	0.1	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	0.7	38
TOTAL %	0.5	69.6	28.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	27	3556	1458	66	0	0	0	0	0	0	0	0	0	0	0		5107

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: JUN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	0.2	8.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	8.9	438
4.5 - 5.4	0.8	26.1	6.0	-	-	-	-	-	-	-	-	-	-	-	-	32.9	1622
5.5 - 6.4	0.1	26.5	7.7	0.2	-	-	-	-	-	-	-	-	-	-	-	34.5	1701
6.5 - 7.4	0.4	12.5	4.8	0.3	-	-	-	-	-	-	-	-	-	-	-	18.0	888
7.5 - 8.4	-	3.5	1.4	0.2	-	-	-	-	-	-	-	-	-	-	-	5.1	252
8.5 - 9.4	-	0.4	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.7	33
TOTAL %	1.5	77.6	20.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	74	3830	994	38	0	0	0	0	0	0	0	0	0	0	0		4936

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	0.6	12.9	0.3	-	-	-	-	-	-	-	-	-	-	-	-	13.7	701
4.5 - 5.4	1.0	41.5	6.0	-	-	-	-	-	-	-	-	-	-	-	-	48.5	2475
5.5 - 6.4	1.0	22.2	3.9	-	-	-	-	-	-	-	-	-	-	-	-	27.1	1381
6.5 - 7.4	0.1	7.9	0.7	-	-	-	-	-	-	-	-	-	-	-	-	8.7	442
7.5 - 8.4	-	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.7	85
8.5 - 9.4	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	17
TOTAL %	2.8	86.4	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	141	4408	553	0	0	0	0	0	0	0	0	0	0	0		5102	

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	0.1	7.9	*	-	-	-	-	-	-	-	-	-	-	-	-	8.0	416
4.5 - 5.4	0.4	47.4	4.1	-	-	-	-	-	-	-	-	-	-	-	-	51.9	2686
5.5 - 6.4	0.4	27.8	1.7	-	-	-	-	-	-	-	-	-	-	-	-	29.9	1547
6.5 - 7.4	*	8.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	8.8	456
7.5 - 8.4	-	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.3	66
TOTAL %	0.9	92.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	47	4798	326	0	0	0	0	0	0	0	0	0	0	0		5171	

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	0.1	7.3	*	-	-	-	-	-	-	-	-	-	-	-	-	7.5	328
4.5 - 5.4	0.3	26.4	2.8	-	-	-	-	-	-	-	-	-	-	-	-	29.5	1296
5.5 - 6.4	0.3	27.6	5.4	-	-	-	-	-	-	-	-	-	-	-	-	33.3	1464
6.5 - 7.4	0.1	18.2	1.8	-	-	-	-	-	-	-	-	-	-	-	-	20.1	882
7.5 - 8.4	-	6.5	0.9	-	-	-	-	-	-	-	-	-	-	-	-	7.4	327
8.5 - 9.4	-	1.3	0.7	-	-	-	-	-	-	-	-	-	-	-	-	2.0	90
9.5 - 10.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
TOTAL %	0.8	87.4	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	36	3839	517	0	0	0	0	0	0	0	0	0	0	0		4392	

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	0.3	4.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.8	213
4.5 - 5.4	0.5	17.5	1.1	-	-	-	-	-	-	-	-	-	-	-	-	19.0	837

5.5 - 6.4	0.7	21.7	4.0	0.3	-	-	-	-	-	-	-	-	-	-	-	26.7	1173
6.5 - 7.4	0.5	18.1	4.1	0.3	-	-	-	-	-	-	-	-	-	-	-	23.0	1010
7.5 - 8.4	*	13.3	5.1	0.1	-	-	-	-	-	-	-	-	-	-	-	18.6	819
8.5 - 9.4	-	3.9	1.5	0.3	-	-	-	-	-	-	-	-	-	-	-	5.7	250
9.5 - 10.4	-	0.8	0.4	*	-	-	-	-	-	-	-	-	-	-	-	1.3	55
10.5 - 11.4	-	0.3	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.7	29
11.5 - 12.4	-	*	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.2	10
12.5 - 13.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	1.9	80.1	16.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	85	3523	744	46	0	0	0	0	0	0	0	0	0	0	0		4398

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	0.5	23
4.5 - 5.4	-	6.3	2.6	-	-	-	-	-	-	-	-	-	-	-	-	8.8	428
5.5 - 6.4	*	14.2	7.8	0.4	-	-	-	-	-	-	-	-	-	-	-	22.5	1090
6.5 - 7.4	0.3	16.8	7.3	1.2	-	-	-	-	-	-	-	-	-	-	-	25.6	1237
7.5 - 8.4	0.2	12.1	8.1	1.1	-	-	-	-	-	-	-	-	-	-	-	21.5	1042
8.5 - 9.4	0.1	6.8	6.3	0.8	0.1	-	-	-	-	-	-	-	-	-	-	14.1	681
9.5 - 10.4	*	1.6	2.6	0.4	0.1	-	-	-	-	-	-	-	-	-	-	4.7	226
10.5 - 11.4	-	0.5	0.8	0.3	-	-	-	-	-	-	-	-	-	-	-	1.6	76
11.5 - 12.4	-	0.2	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	0.5	22
12.5 - 13.4	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	10
13.5 - 14.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	3
14.5 - 15.4	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	0.6	59.0	35.8	4.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	31	2857	1733	213	7	0	0	0	0	0	0	0	0	0	0		4841

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	26
4.5 - 5.4	-	3.6	2.1	-	-	-	-	-	-	-	-	-	-	-	-	5.7	295
5.5 - 6.4	-	9.7	5.1	0.5	-	-	-	-	-	-	-	-	-	-	-	15.4	794
6.5 - 7.4	-	9.6	7.6	1.8	-	-	-	-	-	-	-	-	-	-	-	19.0	981
7.5 - 8.4	-	8.9	10.0	2.0	0.1	-	-	-	-	-	-	-	-	-	-	21.0	1085
8.5 - 9.4	-	5.9	7.4	1.3	0.2	-	-	-	-	-	-	-	-	-	-	14.8	765
9.5 - 10.4	-	3.5	6.8	1.4	0.4	-	-	-	-	-	-	-	-	-	-	12.1	623
10.5 - 11.4	-	1.6	3.8	1.2	0.3	*	-	-	-	-	-	-	-	-	-	7.1	364
11.5 - 12.4	-	0.2	2.3	0.4	-	0.1	-	-	-	-	-	-	-	-	-	2.9	148
12.5 - 13.4	-	*	0.7	0.1	*	0.3	*	-	-	-	-	-	-	-	-	1.3	65
13.5 - 14.4	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.3	15
14.5 - 15.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	43.7	46.1	8.7	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2257	2379	449	57	19	2	0	0	0	0	0	0	0	0		5163

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	1
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	0.1	4.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.5	2546

4.5 - 5.4	0.3	19.2	4.3	*	-	-	-	-	-	-	-	-	-	-	-	23.7	13271
5.5 - 6.4	0.3	18.4	7.2	0.4	*	-	-	-	-	-	-	-	-	-	-	26.2	14693
6.5 - 7.4	0.1	12.4	5.6	0.8	*	-	-	-	-	-	-	-	-	-	-	19.0	10626
7.5 - 8.4	0.1	6.9	4.7	0.7	*	-	-	-	-	-	-	-	-	-	-	12.3	6898
8.5 - 9.4	*	3.5	3.0	0.6	*	-	-	-	-	-	-	-	-	-	-	7.1	4002
9.5 - 10.4	*	1.3	2.0	0.5	0.1	-	-	-	-	-	-	-	-	-	-	3.9	2191
10.5 - 11.4	-	0.6	1.0	0.3	0.1	*	-	-	-	-	-	-	-	-	-	1.9	1085
11.5 - 12.4	-	0.2	0.5	0.1	*	*	-	-	-	-	-	-	-	-	-	0.8	454
12.5 - 13.4	-	*	0.2	0.1	*	*	*	-	-	-	-	-	-	-	-	0.3	179
13.5 - 14.4	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	38
14.5 - 15.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6

TOTAL %	0.8	66.9	28.5	3.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	473	37477	15950	1923	142	25	2	0	0	0	0	0	0	0	0		55992

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	0.5	69
4.5 - 5.4	-	4.2	2.4	*	-	-	-	-	-	-	-	-	-	-	-	6.6	879
5.5 - 6.4	-	8.8	6.1	0.5	*	-	-	-	-	-	-	-	-	-	-	15.4	2057
6.5 - 7.4	*	10.1	8.3	1.4	-	-	-	-	-	-	-	-	-	-	-	19.9	2660
7.5 - 8.4	*	9.4	9.3	1.7	0.1	-	-	-	-	-	-	-	-	-	-	20.4	2728
8.5 - 9.4	*	6.7	6.8	1.5	0.1	-	-	-	-	-	-	-	-	-	-	15.2	2030
9.5 - 10.4	-	3.4	6.1	1.4	0.3	-	-	-	-	-	-	-	-	-	-	11.3	1508
10.5 - 11.4	-	2.0	3.2	1.0	0.3	*	-	-	-	-	-	-	-	-	-	6.4	861
11.5 - 12.4	-	0.6	1.6	0.5	0.1	*	-	-	-	-	-	-	-	-	-	2.9	384
12.5 - 13.4	-	0.2	0.6	0.3	*	0.1	*	-	-	-	-	-	-	-	-	1.2	160
13.5 - 14.4	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.3	35
14.5 - 15.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	45.9	44.5	8.4	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3	6134	5946	1130	134	25	2	0	0	0	0	0	0	0	0		13374

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	*	2.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.6	358
4.5 - 5.4	*	15.1	7.0	-	-	-	-	-	-	-	-	-	-	-	-	22.1	3048
5.5 - 6.4	0.1	17.2	12.7	1.0	-	-	-	-	-	-	-	-	-	-	-	31.1	4280
6.5 - 7.4	0.1	12.7	8.2	1.1	*	-	-	-	-	-	-	-	-	-	-	22.1	3051
7.5 - 8.4	0.1	6.1	4.7	0.5	-	-	-	-	-	-	-	-	-	-	-	11.5	1579
8.5 - 9.4	*	3.4	2.7	0.4	-	-	-	-	-	-	-	-	-	-	-	6.5	901
9.5 - 10.4	*	1.3	1.2	0.4	-	-	-	-	-	-	-	-	-	-	-	2.9	397
10.5 - 11.4	-	0.3	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	0.9	119
11.5 - 12.4	-	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.3	38
12.5 - 13.4	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	7
TOTAL %	0.4	58.7	37.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	56	8088	5137	496	1	0	0	0	0	0	0	0	0	0	0		13778

(* < 0.05%)

STATION: 46053

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	0.3	9.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	10.2	1555
4.5 - 5.4	0.7	38.5	5.3	-	-	-	-	-	-	-	-	-	-	-	-	44.6	6783

19.5 - 20.4	-	-	-	-	-	-	-	-	-	-	0.9	-	-	0.9	13
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	99.6	0.1	0.0	100.0	
TOTAL N	0	0	0	0	0	0	0	0	0	5	1420	1	0		1426

(* < 0.05%)

STATION: 46053

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: MAY

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.1	-	-	-	0.1	2
3.5 - 4.4	-	-	-	-	-	-	-	-	0.1	1.4	-	-	-	1.6	23
4.5 - 5.4	-	-	-	-	-	-	-	-	0.5	7.0	0.1	-	-	7.5	110
5.5 - 6.4	-	-	-	-	-	-	-	-	0.1	12.2	-	-	-	12.3	180
6.5 - 7.4	-	-	-	-	-	-	-	-	0.1	11.8	-	-	-	11.9	174
7.5 - 8.4	-	-	-	-	-	-	-	-	0.1	8.3	-	-	-	8.4	123
8.5 - 9.4	-	-	-	-	-	-	-	-	0.1	7.7	-	-	-	7.8	114
9.5 - 10.4	-	-	-	-	-	-	-	-	0.3	14.7	0.1	-	-	15.1	220
10.5 - 11.4	-	-	-	-	-	-	-	-	-	12.7	-	-	-	12.7	186
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	14.2	-	-	-	14.2	207
13.5 - 14.4	-	-	-	-	-	-	-	-	0.5	5.5	0.1	-	-	6.1	89
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	0.1	-	2.0	-	-	-	2.1	30
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	0.1	-	-	-	0.1	2
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.9	97.8	0.2	0.0		100.0	
TOTAL N	0	0	0	0	0	0	0	1	28	1428	3	0			1460

(* < 0.05%)

STATION: 46053

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUN

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.1	-	-	-	0.1	2
3.5 - 4.4	-	-	-	-	-	-	-	-	0.1	0.5	-	-	-	0.6	8
4.5 - 5.4	-	-	-	-	-	-	-	-	0.4	4.1	0.1	-	-	4.6	64
5.5 - 6.4	-	-	-	-	0.1	-	-	-	1.2	9.9	-	-	-	11.2	157
6.5 - 7.4	-	-	-	-	-	0.1	-	-	0.6	11.8	-	-	-	12.5	176
7.5 - 8.4	-	-	-	-	-	-	-	-	0.4	26.9	-	-	-	27.3	383
8.5 - 9.4	-	-	-	-	-	-	-	-	0.2	18.4	0.1	-	-	18.7	262
9.5 - 10.4	-	-	-	-	-	-	-	-	0.4	10.0	-	-	-	10.3	145
10.5 - 11.4	-	-	-	-	-	-	-	-	-	7.6	-	-	-	7.6	106
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	4.5	-	-	-	4.5	63
13.5 - 14.4	-	-	-	-	-	-	-	-	0.3	0.6	-	-	-	0.9	12
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	0.5	0.8	-	-	-	1.3	18
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	0.1	0.4	-	-	-	0.5	7
TOTAL %	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	4.0	95.7	0.1	0.0		100.0	
TOTAL N	0	0	0	0	1	2	0	0	56	1342	2	0			1403

(* < 0.05%)

STATION: 46053

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUL

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	0.2	0.6	0.1	-	-	0.8	10
3.5 - 4.4	-	-	-	-	-	-	-	-	0.1	4.2	0.2	-	-	4.5	56

1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	0.8	-	-	0.8	6
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	2.4	-	-	2.4	17
5.5 - 6.4	-	-	-	-	-	-	-	-	0.7	9.6	-	-	-	10.3	74
6.5 - 7.4	-	-	-	-	-	0.1	-	-	0.1	5.1	-	-	-	5.4	39
7.5 - 8.4	-	-	-	-	0.1	0.1	-	0.1	0.8	9.6	-	-	-	10.8	78
8.5 - 9.4	-	-	-	-	-	-	-	-	0.7	10.2	-	-	-	10.8	78
9.5 - 10.4	-	-	-	-	-	-	-	-	0.8	15.9	-	-	-	16.7	120
10.5 - 11.4	-	-	-	-	-	-	-	-	0.3	15.0	-	-	-	15.3	110
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	0.1	18.8	-	-	-	18.9	136
13.5 - 14.4	-	-	-	-	-	-	-	-	0.6	7.1	0.1	-	-	7.8	56
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	-	0.7	-	-	-	0.7	5
TOTAL %	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.1	4.2	95.1	0.1	0.0	100.0		
TOTAL N	0	0	0	0	1	2	0	1	30	684	1	0			719

(* < 0.05%)

STATION: 46053

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: NOV

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	-	-	-	0.3	2.3	-	-	-	2.5	18
5.5 - 6.4	-	-	-	-	-	-	-	-	-	4.0	-	-	-	4.0	28
6.5 - 7.4	-	-	-	-	-	-	-	-	0.1	4.2	-	-	-	4.4	31
7.5 - 8.4	-	-	-	-	-	-	-	-	0.1	6.7	0.1	-	-	6.9	49
8.5 - 9.4	-	-	-	-	-	-	-	-	0.6	8.8	-	-	-	9.3	66
9.5 - 10.4	-	-	-	-	-	-	-	-	0.7	14.3	-	-	-	15.0	106
10.5 - 11.4	-	-	-	-	-	-	-	-	0.1	18.3	0.1	-	-	18.6	131
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	0.1	25.1	-	-	-	25.2	178
13.5 - 14.4	-	-	-	-	-	-	-	-	0.3	12.0	0.1	-	-	12.5	88
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	0.1	1.4	-	-	-	1.6	11
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	97.0	0.4	0.0	100.0		
TOTAL N	0	0	0	0	0	0	0	0	18	685	3	0			706

(* < 0.05%)

STATION: 46053

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: DEC

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.1	-	-	-	0.1	1
3.5 - 4.4	-	-	-	-	0.1	-	-	-	-	0.5	0.1	-	-	0.8	6
4.5 - 5.4	-	-	-	-	-	-	-	-	0.3	2.0	-	-	-	2.3	17
5.5 - 6.4	-	-	-	-	-	-	-	-	-	0.5	-	-	-	0.5	4
6.5 - 7.4	-	-	-	-	-	-	-	-	-	1.1	-	-	-	1.1	8
7.5 - 8.4	-	-	-	-	-	-	-	-	-	1.6	-	-	-	1.6	12
8.5 - 9.4	-	-	-	-	-	-	-	-	-	1.9	-	-	-	1.9	14
9.5 - 10.4	-	-	-	-	-	-	-	-	-	6.1	-	-	-	6.1	45
10.5 - 11.4	-	-	-	-	-	-	-	-	0.1	17.2	-	-	-	17.3	127
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	22.6	0.1	-	-	22.8	167
13.5 - 14.4	-	-	-	-	-	-	-	-	-	29.0	0.4	-	-	29.4	216
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	-	14.7	-	-	-	14.7	108
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	1.2	-	-	-	1.2	9
TOTAL %	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4	98.8	0.7	0.0	100.0		
TOTAL N	0	0	0	0	1	0	0	0	3	725	5	0			734

(* < 0.05%)

1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	*	-	-	0.0	2
3.5 - 4.4	-	-	-	*	-	-	-	-	*	0.7	*	-	0.8	36
4.5 - 5.4	-	-	-	*	*	-	-	-	0.2	4.3	*	-	4.6	201
5.5 - 6.4	-	-	-	-	0.1	-	-	-	0.1	7.7	-	-	7.9	342
6.5 - 7.4	-	-	-	-	-	-	-	-	0.1	6.1	*	-	6.2	267
7.5 - 8.4	-	-	-	-	-	-	-	-	*	6.7	-	-	6.8	294
8.5 - 9.4	-	-	-	-	-	-	-	-	*	5.3	-	-	5.4	232
9.5 - 10.4	-	-	-	-	-	-	-	-	0.1	10.9	*	-	11.1	479
10.5 - 11.4	-	-	-	-	-	-	-	-	-	17.3	*	-	17.3	749
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	*	22.5	-	-	22.5	976
13.5 - 14.4	-	-	-	-	-	-	-	-	0.2	12.2	*	-	12.4	536
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	*	-	4.1	*	-	4.2	180
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	0.8	*	-	0.8	36
TOTAL %	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.9	98.7	0.3	0.0	100.0	
TOTAL N	0	0	0	3	5	0	0	1	37	4273	11	0		4330

(* < 0.05%)

STATION: 46053

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	0.1	0.3	*	-	-	0.4	12
3.5 - 4.4	-	-	-	-	-	-	-	0.1	1.8	0.1	-	-	1.9	64
4.5 - 5.4	-	-	-	-	-	-	-	0.9	6.9	*	-	-	7.9	266
5.5 - 6.4	-	-	-	-	*	-	-	*	1.3	15.0	*	-	16.4	554
6.5 - 7.4	-	-	-	-	-	0.1	-	0.4	14.9	*	-	-	15.3	519
7.5 - 8.4	-	-	-	-	0.1	*	0.1	0.4	27.2	0.3	-	-	28.0	950
8.5 - 9.4	-	-	-	-	-	-	-	0.3	13.8	*	-	-	14.1	478
9.5 - 10.4	-	-	-	-	-	-	-	0.2	6.1	-	-	-	6.3	212
10.5 - 11.4	-	-	-	-	*	-	-	-	4.8	-	-	-	4.8	162
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	3.3	-	-	-	3.3	112
13.5 - 14.4	-	-	-	-	-	*	-	0.1	0.8	-	-	-	0.9	32
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	0.2	0.4	-	-	-	0.6	19
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	*	0.2	-	-	-	0.2	7
TOTAL %	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	4.0	95.2	0.5	0.0	100.0	
TOTAL N	0	0	0	0	5	4	2	1	134	3225	16	0		3387

(* < 0.05%)

STATION: 46053

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	0.4	-	-	-	0.4	8
4.5 - 5.4	-	-	-	-	-	-	-	0.2	4.5	-	-	-	4.7	100
5.5 - 6.4	-	-	-	-	-	-	-	0.2	7.9	-	-	-	8.1	172
6.5 - 7.4	-	-	-	-	-	*	-	0.2	4.6	-	-	-	4.8	103
7.5 - 8.4	-	-	-	-	*	*	*	0.8	9.6	*	-	-	10.7	228
8.5 - 9.4	-	-	-	-	-	-	-	0.7	9.1	-	-	-	9.8	208
9.5 - 10.4	-	-	-	-	-	-	-	0.6	13.7	-	-	-	14.3	305
10.5 - 11.4	-	-	-	-	-	-	-	0.2	16.6	*	-	-	16.8	358
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.1	19.4	-	-	-	19.6	416
13.5 - 14.4	-	-	-	-	-	-	-	0.3	8.7	0.1	-	-	9.1	194
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	*	1.6	-	-	-	1.6	34
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	3.4	96.1	0.2	0.0	100.0	
TOTAL N	0	0	0	0	1	2	1	1	73	2044	4	0		2126

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JAN

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	0.1	-	-	-	0.1	45.9	0.3	-	46.3	671
1.5 - 2.4	-	-	-	0.1	0.3	-	-	-	-	37.3	0.2	-	37.8	548
2.5 - 3.4	-	-	-	-	0.1	-	-	-	-	14.2	-	-	14.2	206
3.5 - 4.4	-	-	-	-	-	-	-	-	-	1.5	-	-	1.5	22
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.1	-	-	0.1	1
TOTAL %	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.1	99.0	0.5	0.0	100.0	
TOTAL N	0	0	0	1	6	0	0	0	1	1433	7	0		1448

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: FEB

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	0.1	-	-	0.1	1
0.5 - 1.4	0.1	-	-	0.1	1.0	-	-	-	0.2	71.2	0.2	-	72.9	927
1.5 - 2.4	-	-	-	-	1.3	-	-	-	-	23.3	-	-	24.6	313
2.5 - 3.4	-	-	-	-	-	-	-	-	-	2.4	-	-	2.4	31
TOTAL %	0.1	0.0	0.0	0.1	2.3	0.0	0.0	0.0	0.2	97.1	0.2	0.0	100.0	
TOTAL N	1	0	0	1	29	0	0	0	3	1235	3	0		1272

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: MAR

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	0.1	-	-	0.1	2
0.5 - 1.4	-	-	-	0.2	0.1	-	-	-	0.3	65.8	0.4	-	66.8	964
1.5 - 2.4	-	-	-	-	0.3	-	-	-	-	27.1	0.1	-	27.5	397
2.5 - 3.4	-	-	-	-	-	-	-	-	-	5.6	-	-	5.6	81
TOTAL %	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.3	98.7	0.5	0.0	100.0	
TOTAL N	0	0	0	3	5	0	0	0	4	1425	7	0		1444

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: APR

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	0.3	55.5	0.1	-	55.9	797
1.5 - 2.4	-	-	-	-	-	-	-	-	0.1	39.6	-	-	39.6	565
2.5 - 3.4	-	-	-	-	-	-	-	-	-	4.5	-	-	4.5	64
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	99.6	0.1	0.0	100.0	
TOTAL N	0	0	0	0	0	0	0	0	5	1420	1	0		1426

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: MAY

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	0.1	0.1	0.1	-	-	0.3	5
0.5 - 1.4	-	-	-	-	-	-	-	-	1.8	80.6	0.2	-	82.6	1206
1.5 - 2.4	-	-	-	-	-	-	-	-	-	17.1	-	-	17.1	249
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.9	97.8	0.2	0.0	100.0	
TOTAL N	0	0	0	0	0	0	0	1	28	1428	3	0		1460

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUN

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	-	-	-	-	-	0.1	-	-	0.7	3.1	-	-	4.0	56
0.5 - 1.4	-	-	-	-	0.1	-	-	-	2.9	63.9	0.1	-	67.0	940
1.5 - 2.4	-	-	-	-	-	-	-	-	0.4	26.3	0.1	-	26.7	375
2.5 - 3.4	-	-	-	-	-	-	-	-	-	2.3	-	-	2.3	32
TOTAL %	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	4.0	95.7	0.1	0.0	100.0	
TOTAL N	0	0	0	0	1	2	0	0	56	1342	2	0		1403

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUL

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	-	-	-	-	0.2	-	-	-	0.7	5.6	0.1	-	6.5	82
0.5 - 1.4	-	-	-	-	0.1	0.1	0.2	0.1	3.2	84.8	0.2	-	88.6	1109
1.5 - 2.4	-	-	-	-	-	-	-	-	0.1	4.8	-	-	4.9	61
TOTAL %	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.1	4.0	95.2	0.2	0.0	100.0	
TOTAL N	0	0	0	0	3	1	2	1	50	1192	3	0		1252

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: AUG

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	0.1	0.1	-	-	3.7	86.9	1.5	-	92.3	676
1.5 - 2.4	-	-	-	-	-	-	-	-	0.1	7.5	-	-	7.7	56
TOTAL %	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	3.8	94.4	1.5	0.0	100.0	
TOTAL N	0	0	0	0	1	1	0	0	28	691	11	0		732

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: SEP

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	0.1	-	-	0.1	1
0.5 - 1.4	-	-	-	-	-	-	0.1	-	3.4	89.4	-	-	93.0	652
1.5 - 2.4	-	-	-	-	-	-	-	-	0.1	6.7	-	-	6.8	48
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	3.6	96.3	0.0	0.0	100.0	
TOTAL N	0	0	0	0	0	0	1	0	25	675	0	0		701

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: OCT

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	-	-	-	-	0.1	0.1	-	0.1	0.8	8.5	0.1	-	9.9	71
0.5 - 1.4	-	-	-	-	-	0.1	-	-	3.2	66.2	-	-	69.5	500
1.5 - 2.4	-	-	-	-	-	-	-	-	0.1	19.2	-	-	19.3	139
2.5 - 3.4	-	-	-	-	-	-	-	-	-	1.3	-	-	1.3	9
TOTAL %	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.1	4.2	95.1	0.1	0.0	100.0	
TOTAL N	0	0	0	0	1	2	0	1	30	684	1	0		719

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: NOV

MEAN WAVE DIRECTION

WAVE HEIGHT	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	0.1	0.1	-	-	0.3	2
0.5 - 1.4	-	-	-	-	-	-	-	-	2.0	66.1	0.3	-	68.4	483

1.5 - 2.4	-	-	-	-	-	-	-	-	-	0.4	29.3	0.1	-	29.9	211
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	1.4	-	-	1.4	10
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	97.0	0.4	0.0	100.0	
TOTAL N	0	0	0	0	0	0	0	0	0	18	685	3	0		706

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: DEC

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	0.1	-	-	-	0.4	39.8	0.1	-	-	40.5	297
1.5 - 2.4	-	-	-	-	-	-	-	-	-	50.4	0.3	-	-	50.7	372
2.5 - 3.4	-	-	-	-	-	-	-	-	-	8.4	0.3	-	-	8.7	64
3.5 - 4.4	-	-	-	-	-	-	-	-	-	0.1	-	-	-	0.1	1
TOTAL %	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4	98.8	0.7	0.0		100.0	
TOTAL N	0	0	0	0	1	0	0	0	3	725	5	0			734

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

All Months: Annual

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	*	*	-	*	0.2	1.4	*	-	-	1.7	220
0.5 - 1.4	*	-	-	*	0.1	*	*	*	1.6	67.3	0.3	-	-	69.4	9222
1.5 - 2.4	-	-	-	*	0.2	-	-	-	0.1	24.7	0.1	-	-	25.1	3334
2.5 - 3.4	-	-	-	-	*	-	-	-	-	3.7	*	-	-	3.7	497
3.5 - 4.4	-	-	-	-	-	-	-	-	-	0.2	-	-	-	0.2	23
4.5 - 5.4	-	-	-	-	-	-	-	-	-	*	-	-	-	0.0	1
TOTAL %	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	1.9	97.3	0.3	0.0		100.0	
TOTAL N	1	0	0	5	47	6	3	3	251	12935	46	0			13297

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: DEC, JAN, FEB (Winter)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	*	-	-	-	0.0	1
0.5 - 1.4	*	-	-	*	0.4	-	-	-	0.2	53.9	0.2	-	-	54.9	1895
1.5 - 2.4	-	-	-	*	0.6	-	-	-	-	34.9	0.1	-	-	35.7	1233
2.5 - 3.4	-	-	-	-	*	-	-	-	-	8.6	0.1	-	-	8.7	301
3.5 - 4.4	-	-	-	-	-	-	-	-	-	0.7	-	-	-	0.7	23
4.5 - 5.4	-	-	-	-	-	-	-	-	-	*	-	-	-	0.0	1
TOTAL %	0.0	0.0	0.0	0.1	1.0	0.0	0.0	0.0	0.2	98.2	0.4	0.0		100.0	
TOTAL N	1	0	0	2	36	0	0	0	7	3393	15	0			3454

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: MAR, APR, MAY (Spring)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	*	*	0.1	-	-	-	0.2	7
0.5 - 1.4	-	-	-	0.1	*	-	-	-	0.8	67.4	0.2	-	-	68.5	2967
1.5 - 2.4	-	-	-	-	0.1	-	-	-	*	27.8	*	-	-	28.0	1211
2.5 - 3.4	-	-	-	-	-	-	-	-	-	3.3	-	-	-	3.3	145
TOTAL %	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.9	98.7	0.3	0.0		100.0	
TOTAL N	0	0	0	3	5	0	0	1	37	4273	11	0			4330

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: JUN, JUL, AUG (Summer)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	0.1	0.1	-	-	0.6	3.4	*	-	-	4.1	138
0.5 - 1.4	-	-	-	-	0.1	0.1	0.1	*	3.2	76.6	0.4	-	-	80.5	2725
1.5 - 2.4	-	-	-	-	-	-	-	-	0.2	14.3	*	-	-	14.5	492

2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	0.9	-	-	0.9	32
TOTAL %	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	4.0	95.2	0.5	0.0	100.0		
TOTAL N	0	0	0	0	5	4	2	1	134	3225	16	0		3387	

(* < 0.05%)

STATION: 46053

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: SEP, OCT, NOV (Autumn)

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	*	*	-	*	0.3	3.0	*	-	3.5	74
0.5 - 1.4	-	-	-	-	-	*	*	-	2.9	73.8	0.1	-	76.9	1635
1.5 - 2.4	-	-	-	-	-	-	-	-	0.2	18.4	*	-	18.7	398
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.9	-	-	0.9	19
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	3.4	96.1	0.2	0.0	100.0	
TOTAL N	0	0	0	0	1	2	1	1	73	2044	4	0		2126

(* < 0.05%)

Summary complete: 09-Sep-2003 06:00:10