

STATION: 46047

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (12/1991 - 12/2001) (32906 RECORDS, 97.2% 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	
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	6	#	-	-	8	#	
20	-	-	3	#	-	-	-	-	-	-	-	-	2	#	10	#	28	#	27	999	39	998	-	-	109	999	
19	-	-	16	999	-	-	-	-	-	-	1	#	16	999	135	997	249	990	236	990	78	984	-	-	731	996	
18	1	#	31	993	3	#	-	-	30	#	91	999	125	994	518	951	758	899	395	908	184	955	1	#	2137	974	
17	14	999	69	981	4	999	1	#	158	986	286	967	501	951	677	778	930	624	982	771	457	889	28	999	4107	909	
16	196	995	159	955	69	997	76	999	219	915	699	866	1171	778	1144	551	718	286	869	431	802	723	373	992	6495	784	
15	539	926	525	895	436	969	434	963	498	816	631	619	812	375	475	168	71	26	307	130	799	432	1109	888	6636	587	
14	966	736	886	697	798	790	590	753	628	590	387	396	229	96	26	9	-	-	68	24	370	143	1209	578	6157	385	
13	860	396	561	363	785	462	405	468	511	306	641	259	50	17	-	-	-	-	-	-	22	9	703	240	4538	198	
12	246	94	339	152	318	139	464	273	165	75	91	32	-	-	-	-	-	-	-	-	2	1	153	44	1778	60	
11	20	7	48	24	16	9	97	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	186	6	
10	-	-	11	6	4	2	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	1	
9	-	-	4	2	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	*	
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	13.8		13.9		13.6		13.4		14.3		14.8		15.7		16.5		17.1		16.7		15.8		14.2		15.1		
S.D.	1.1		1.4		1.0		1.2		1.4		1.5		1.0		1.1		1.0		1.2		1.3		1.0		1.7		
TOTAL	2842		2652		2434		2071		2209		2827		2906		2985		2754		2886		2759		3581		32906		
MAX	17.6		19.6		18.1		16.5		18.4		18.5		19.9		20.4		20.3		20.9		21.0		18.2		21.0		
DATE	1993012718		1992022822		1993030623		2000040202		1993052601		1993061004		1993072621		1992083020		2000091321		1992102322		1992110401		1992122419		1992110401		
MIN	10.5		8.9		9.0		9.9		11.7		11.5		12.5		13.6		14.8		13.7		12.4		10.9		8.9		
DATE	2000011322		2001020722		2000030612		2001040915		2001051114		1999061816		1999070110		1999082313		2001092314		1999102107		1999111213		1999122001		2001020722		

(* < 0.05% , # = 100.0%)

STATION: 46047

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (12/1991 - 12/2001) (32800 RECORDS, 96.9% 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	
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
21	-	-	-	-	-	-	-	-	-	-	1	#	-	-	83	#	72	#	23	#	-	-	-	-	-	179	#
20	-	-	-	-	-	-	-	-	-	3	999	5	#	562	972	513	974	448	992	6	#	-	-	-	-	1537	995
19	-	-	1	#	-	-	-	-	9	#	19	999	113	998	201	784	887	787	429	836	312	998	-	-	1971	948	
18	1	#	17	999	-	-	-	-	40	996	403	992	624	959	423	716	786	464	695	688	274	884	-	-	3263	888	
17	3	999	66	993	25	#	-	-	219	978	679	849	1618	743	1385	575	486	178	1130	446	956	785	81	#	6648	788	
16	70	999	245	968	371	990	89	#	523	877	561	607	310	183	315	110	4	1	155	54	1088	437	917	977	4648	585	
15	1394	974	1131	876	1212	837	1139	957	570	638	371	408	57	75	14	5	-	-	-	-	114	41	1789	720	7791	444	
14	1259	482	927	449	822	338	269	406	396	378	708	276	157	55	-	-	-	-	-	-	-	-	405	219	4943	206	
13	108	38	264	100	-	-	531	275	427	197	68	24	3	1	-	-	-	-	-	-	-	-	377	106	1778	55	
12	-	-	-	-	-	-	38	18	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1	*	42	1	
MEAN	14.5		14.6		14.8		14.3		14.9		15.8		17.0		17.8		18.6		17.9		16.8		14.9		16.1		
S.D.	0.5		0.9		0.6		1.0		1.3		1.4		1.0		1.4		1.0		1.2		1.0		0.9		1.8		
TOTAL	2835		2651		2430		2066		2187		2813		2887		2983		2748		2880		2750		3570		32800		
MAX	17.5		18.5		17.4		15.9		19.3		20.8		20.4		21.0		21.1		20.7		20.1		16.8		21.1		
DATE	1993012723		1992022823		1993030623		2000041601		1993052523		1993061423		1993072700		1992082806		1992092700		1992100100		1992110622		1992120121		1992092700		
MIN	13.2		12.5		13.6		12.3		12.4		13.1		13.4		15.1		16.4		16.0		14.6		12.4		12.3		
DATE	2000012917		2001021418		2001033112		2001041308		2000050718		1999060715		1999070706		2001082714		1999090214		2001102315		2000113013		1999121023		2001041308		

(* < 0.05% , # = 100.0%)

STATION: 46047

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (12/1991 - 12/2001) (32741 RECORDS, 96.7% 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
4	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
3	-	-	8	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	999
2	11	#	29	997	-	-	3	#	3	#	-	-	-	-	-	-	-	-	-	-	7	#	8	#	61	999
1	310	996	279	986	53	#	45	999	71	999	12	#	6	#	19	#	26	#	70	#	108	997	198	998	1197	998
0	903	887	754	880	377	978	595	977	927	966	523	996	342	998	396	994	307	991	515	976	613	958	1252	942	7504	961
-1	1002	568	999	596	1167	823	933	689	875	537	1664	810	1535	879	1294	860	1133	879	1209	797	1329	735	1437	591	14577	732
-2	518	215	511	218	672	343	438	237	255	132	574	217	893	346	1066	425	948	466	785	377	550	251	559	188	7769	287
-3	76	32	62	25	146	66	52	25	30	14	33	13	103	36	199	67	282	121	287	104	135	51	104	32	1509	50

(* < 0.05% , # = 100.0%)

STATION: 46047

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (12/1991 - 12/2001) (32869 RECORDS, 97.1% 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
1029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	#
1028	9	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	999	2	#	20	999
1027	31	997	-	-	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	996	16	999	61	999
1026	29	986	13	#	4	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	992	47	995	105	998
1025	47	976	33	995	24	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	988	132	982	259	994
1024	94	959	57	983	57	988	5	#	-	-	-	-	-	-	-	-	-	-	-	-	53	979	136	945	402	986
1023	163	926	118	961	56	964	5	998	-	-	-	-	-	-	-	-	-	-	3	#	78	960	214	907	637	974
1022	203	869	191	917	90	941	32	995	-	-	-	-	-	-	-	-	-	-	7	999	116	932	311	847	950	955
1021	229	797	250	845	110	904	67	980	-	-	-	-	3	#	-	-	-	-	28	997	137	889	225	760	1049	926
1020	313	717	228	751	190	859	112	947	15	#	12	#	8	999	-	-	-	-	85	987	229	839	312	697	1504	894
1019	333	606	280	665	266	781	170	893	35	993	61	996	82	996	72	#	-	-	149	957	369	756	399	610	2216	848
1018	287	489	270	559	259	672	226	811	117	977	106	974	182	968	147	976	9	#	283	906	427	622	462	499	2775	781
1017	245	388	196	458	211	565	324	702	249	924	107	937	270	905	281	927	56	997	347	808	393	466	448	370	3127	696
1016	157	302	147	384	287	478	366	546	301	811	257	899	399	812	407	832	127	976	397	687	294	323	327	244	3466	601
1015	126	246	171	328	226	360	303	369	287	675	315	808	496	675	430	696	297	930	336	550	199	216	159	153	3345	496
1014	68	202	139	264	155	268	247	223	301	544	379	696	448	504	484	552	473	822	346	433	136	144	102	109	3278	394
1013	86	178	123	212	152	204	137	103	343	408	457	562	357	350	416	389	532	650	368	313	99	94	93	80	3163	294
1012	88	148	118	165	95	141	53	37	294	252	463	400	271	227	275	250	391	457	283	186	83	58	54	54	2468	198
1011	100	117	83	121	62	102	20	12	181	119	297	235	203	133	197	158	281	315	118	87	41	28	59	39	1642	123
1010	66	82	59	90	64	77	4	2	62	37	153	130	132	63	142	92	225	212	74	46	16	13	55	23	1052	73
1009	69	58	53	67	40	51	-	-	15	9	126	76	52	18	53	44	165	131	19	21	13	7	24	7	629	41
1008	38	34	30	47	30	34	-	-	2	2	62	31	-	-	55	26	104	71	10	14	2	3	2	1	335	22
1007	24	21	16	36	14	22	-	-	2	1	21	9	-	-	11	8	50	33	6	11	4	2	-	-	148	12
1006	18	12	15	30	7	16	-	-	-	-	5	2	-	-	12	4	32	15	12	9	1	*	-	-	102	7
1005	15	6	8	24	7	13	-	-	-	-	-	-	-	-	-	-	8	3	9	5	-	-	-	-	47	4
1004	2	1	12	21	6	10	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	-	-	24	3
1003	-	-	3	17	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	2
1002	-	-	11	16	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	2
1001	-	-	14	12	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	1
1000	-	-	10	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	1
999	-	-	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	*
998	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*
997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
996	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*
995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	1017.8		1017.0		1016.5		1016.3		1014.2		1013.2		1014.3		1014.0		1012.3		1014.9		1017.6		1018.6		1015.6	
S.D.	4.5		4.7		4.0		2.3		2.3		2.5		2.4		2.5		2.4		2.8		3.2		3.6		3.8	
TOTAL	2840		2655		2433		2071		2204		2821		2903		2982		2750		2884		2747		3579		32869	
MAX	1028.2		1026.2		1026.7		1024.2		1020.0		1020.1		1020.7		1019.3		1018.0		1022.7		1028.5		1027.6		1028.5	
DATE	1993012018		1993020118		1993030119		2001042219		1999053119		2001062719		1999072319		1992082619		2000092718		2001102918		1992112618		1999122318		1992112618	
MIN	1004.1		995.7		1000.5		1010.2		1007.3		1005.6		1008.5		1005.5		1005.1		1003.9		1006.3		1007.6		995.7	
DATE	1993011014		2001021309		1992030213		1993041312		2001050210		2000061701		2001070303		1992082402		2000092212		2000102212		2000110701		2001121101		2001021309	

STATION: 46047

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (12/1991 - 12/2001) (32159 RECORDS, 95.0% 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
40	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
39	-	-	-	-	-	-	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
38	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
37	-	-	-	-	-	-	-	-	2	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
36	1	#	-	-	-	-	-	-	1	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
35	-	-	-	-	-	-	-	-	2	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
34	-	-	-	-	-	-	-	-	2	996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
33	4	999	-	-	-	-	4	#	1	995	1	#	-	-	-	-	-	-	-	-	1	#	12	#	23	999
32	1	998	-	-	-	-	5	998	1	995	1	999	-	-	-	-	-	-	-	-	1	999	4	997	13	999
31	1	998	-	-	1	#	9	996	7	994	3	999	-	-	-	-	-	-	-	-	6	999	5	996	32	999
30	1	998	3	#	6	999	17	991	4	991	2	998	-	-	-	-	-	-	-	-	7	997	10	994	50	998
29	5	997	1	999	4	997	23	983	6	989	2	998	-	-	-	-	-	-	-	-	15	995	15	991	71	996
28	7	995	7	998	6	995	21	972	10	986	2	997	-	-	-	-	-	-	-	-	10	989	25	987	88	994
27	14	993	9	995	10	992	37	962	15	982	7	996	-	-	-	-	-	-	-	-	24	986	45	980	161	991
26	24	988	22	990	25	988	47	944	23	975	32	994	-	-	1	#	3	#	4	#	27	977	38	968	246	986
25	30	980	17	980	25	976	67	921	25	965	29	982	7	#	2	999	-	-	9	999	28	967	44	957	283	978

24	41	969	17	972	27	965	65	889	30	954	53	972	16	998	7	999	5	999	11	996	29	957	47	945	348	970
23	52	955	22	964	41	952	82	858	34	940	61	953	34	992	8	997	19	997	22	992	56	946	48	932	479	959
22	65	936	25	953	55	934	105	818	52	925	99	932	49	980	31	994	27	990	25	984	55	926	60	918	648	944
21	76	913	27	941	81	908	126	767	57	901	101	897	97	964	70	984	53	980	45	975	53	906	49	902	835	924
20	74	887	40	929	112	871	108	707	65	876	125	861	89	930	102	960	67	961	54	960	66	887	55	888	957	898
19	103	861	75	910	136	820	127	655	83	846	146	817	159	900	247	926	101	937	68	941	97	863	90	873	1432	868
18	104	824	70	874	143	758	124	593	94	809	160	765	186	845	259	844	115	900	63	918	90	828	87	848	1495	823
17	118	788	73	841	121	692	161	534	114	767	122	709	182	781	264	757	114	859	76	896	93	796	116	823	1554	777
16	120	746	91	806	137	637	135	456	104	715	116	666	217	719	239	669	164	817	94	870	112	762	84	791	1613	729
15	114	704	94	763	105	574	158	391	115	668	121	625	198	644	246	589	175	758	130	837	121	722	95	768	1672	678
14	154	664	80	718	114	526	143	315	119	617	131	582	198	577	189	507	197	694	182	792	142	678	112	741	1761	626
13	102	610	99	680	87	473	105	246	95	563	159	536	146	509	219	444	220	623	185	729	171	627	146	710	1734	572
12	143	574	115	633	127	434	117	195	139	520	170	480	160	458	204	370	245	543	270	665	218	565	213	669	2121	518
11	133	524	111	578	117	375	70	138	101	458	143	419	145	404	166	302	238	454	257	572	183	486	186	610	1850	452
10	133	477	84	525	112	322	69	105	119	412	122	369	156	354	140	247	161	368	221	483	165	420	178	558	1660	394
9	164	430	126	485	113	270	35	71	135	359	115	326	120	300	119	200	141	309	183	406	191	360	235	509	1677	343
8	153	372	110	425	100	219	34	55	130	298	124	285	128	259	82	160	137	258	193	343	161	291	224	443	1576	291
7	168	318	134	373	100	173	21	38	127	239	139	241	140	215	79	133	127	209	170	276	123	233	243	381	1571	242
6	150	259	124	309	78	127	21	28	125	182	111	192	123	167	69	106	111	162	175	218	112	188	255	313	1454	193
5	197	207	162	250	80	91	18	18	103	126	122	153	117	125	106	83	109	122	164	157	126	148	297	242	1601	147
4	134	137	116	173	42	55	10	9	59	79	106	110	88	85	57	48	90	83	111	100	95	102	212	159	1120	98
3	116	90	104	118	35	35	6	4	51	53	102	72	66	55	43	29	66	50	86	62	93	68	174	100	942	63
2	79	49	74	69	25	19	1	1	39	30	58	36	50	32	19	14	39	26	59	32	59	34	109	52	611	34
1	46	21	46	33	15	8	2	1	19	12	37	16	37	15	21	8	28	12	30	12	26	13	48	21	355	15
0	15	5	24	11	2	1	-	-	8	4	8	3	6	2	3	1	5	2	4	1	10	4	29	8	114	4
MEAN	11.7		10.7		13.8		17.3		12.7		13.0		12.6		13.6		11.8		10.7		12.2		10.9		12.5	
S.D.	6.5		6.3		6.0		5.6		6.5		6.4		5.5		4.8		5.0		5.0		6.3		6.8		6.2	
TOTAL	2842		2102		2182		2073		2220		2830		2914		2992		2757		2891		2766		3590		32159	
MAX	36.4		30.1		30.9		33.0		39.7		32.7		25.3		25.7		26.2		26.4		32.5		33.4		39.7	
DATE	1992011202	2001020709	2000032010	1993042300	1993050809	1993061110	1993072108	1992082302	1992090409	1992100309	1992112015	1991121923	1993050809													
MIN	0.0	0.0	0.4	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0													
DATE	2001010100	2001022009	2001033120	2001040100	2001053105	2001060711	1999070907	2001080803	1999092901	1999103020	1999112823	2001120202	2001120202													

(* < 0.05% , # = 100.0%)

STATION: 46047

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

(HIGHEST 5-SECOND AVERAGE DURING 2 OR 8-MINUTE PERIOD PRIOR TO OBSERVATION TIME)

ELEMENT: PEAK WIND GUST (KNOTS) -- POR: (12/1991 - 12/2001) (31943 RECORDS, 94.4% 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	
48	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
46	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
45	-	-	-	-	-	-	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
44	-	-	-	-	-	-	-	-	1	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
43	1	#	-	-	-	-	-	-	2	998	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	4	999
42	-	-	-	-	-	-	-	-	3	997	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	5	999
41	5	999	-	-	-	-	-	-	1	995	-	-	-	-	-	-	-	-	-	-	-	-	2	999	8	999	
40	-	-	-	-	-	-	3	#	1	995	-	-	-	-	-	-	-	-	-	-	1	#	7	999	12	999	
39	-	-	-	-	-	-	4	999	2	995	2	#	-	-	-	-	-	-	-	-	1	999	6	997	15	999	
38	2	998	-	-	1	#	3	997	3	994	-	-	-	-	-	-	-	-	-	-	4	999	7	995	20	998	
37	1	997	2	#	6	999	13	995	3	992	1	999	-	-	-	-	-	-	-	-	6	998	6	993	38	998	
36	2	997	1	999	5	997	19	989	5	991	3	999	-	-	-	-	-	-	-	-	8	996	11	991	54	997	
35	3	996	3	999	-	-	16	980	4	989	3	998	-	-	-	-	-	-	-	-	11	993	16	988	56	995	
34	6	995	5	997	6	994	19	972	13	987	3	997	-	-	-	-	1	#	-	-	7	989	22	984	82	993	
33	18	993	12	995	9	992	34	963	13	981	8	996	-	-	-	-	-	-	-	-	20	986	34	978	148	991	
32	13	987	12	989	13	988	25	946	15	975	7	993	-	-	-	-	2	999	2	#	16	979	28	968	133	986	
31	16	982	18	983	20	982	34	934	13	968	20	990	-	-	1	#	1	999	3	999	18	973	26	960	170	982	
30	22	976	10	975	18	972	61	918	18	962	31	983	8	#	4	999	3	999	9	998	28	967	41	953	253	977	
29	38	969	16	970	22	964	50	888	27	954	25	972	17	997	2	998	4	997	12	995	28	956	32	941	273	969	
28	44	955	20	962	37	954	67	864	26	941	51	963	25	991	9	998	10	996	13	991	49	946	42	932	393	960	
27	43	940	21	953	58	937	79	831	40	930	80	945	38	983	10	995	19	992	22	986	44	928	53	921	507	948	
26	76	925	24	943	64	910	122	793	53	911	104	917	60	969	54	991	34	985	32	979	51	912	36	906	710	932	
25	61	898	31	931	77	881	95	734	55	887	86	880	82	948	73	973	53	973	33	968	50	894	45	896	741	910	
24	60	876	40	916	80	845	77	688	44	862	103	849	88	920	98	948	60	954	54	956	54	876	50	883	808	886	
23	73	855	47	897	100	809	92	651	55	842	106	812	104	889	137	915	69	932	53	937	66	856	75	869	977	861	
22	85	830	62	875	112	763	102	606	74	817	104	774	134	853	220	869	89	907	42	919	70	832	67	848	1161	831	
21	86	800	55	845	107	711	118	556	72	783	120</																

11	130	420	104	459	100	243	38	68	119	335	107	311	109	277	87	175	124	280	183	368	133	326	213	491	1447	320
10	165	374	98	410	91	197	27	50	105	281	120	273	117	239	76	146	127	235	143	304	137	278	197	431	1403	275
9	151	316	121	363	88	155	20	37	130	233	109	231	124	198	76	120	107	189	149	255	115	228	221	376	1411	231
8	128	263	126	305	73	115	23	27	89	174	107	192	93	155	71	95	98	150	145	203	92	186	207	313	1252	187
7	144	218	117	245	52	81	16	16	91	133	87	154	83	123	58	71	88	115	135	152	114	153	218	255	1203	147
6	138	167	108	189	35	57	8	8	63	91	94	123	82	94	55	51	67	83	93	106	72	111	214	194	1029	110
5	144	119	110	138	41	41	6	4	52	63	110	89	79	65	48	33	68	58	95	73	97	85	184	134	1034	78
4	92	68	84	85	25	22	1	1	38	39	73	50	43	38	24	17	43	33	63	40	63	50	147	83	696	45
3	59	36	49	45	16	11	1	1	24	21	38	24	33	23	11	8	30	18	35	18	48	27	91	41	435	23
2	27	15	30	21	6	3	1	*	14	11	22	10	26	11	14	5	12	7	15	6	18	9	33	16	218	10
1	12	5	14	7	1	*	-	-	8	4	5	2	7	2	-	-	7	3	3	1	6	3	21	6	84	3
0	3	1	1	*	-	-	-	-	1	*	2	1	-	-	-	-	-	-	-	-	2	1	2	1	11	*
MEAN	14.4		13.4		17.1		21.0		15.6		15.9		15.7		16.7		14.8		13.5		15.2		13.6		15.4	
S.D.	7.7		7.3		6.9		6.7		7.6		7.4		6.4		5.4		5.7		5.7		7.4		8.1		7.2	
TOTAL	2839		2094		2173		2063		2188		2806		2873		2968		2749		2879		2748		3563		31943	
MAX	42.6		36.9		37.7		39.7		47.8		39.1		30.3		30.9		34.4		32.1		39.7		42.6		47.8	
DATE	1992011202	2001022402	2000032009	1993042302	1993050809	1993061111	1993072109	1992082302	1992090409	1999100708	1992112010	1991121917	1993050809													
MIN	0.0		0.4		1.4		2.3		0.0		0.0		0.6		1.6		0.8		1.0		0.2		0.0		0.0	
DATE	2000012423	2001022008	2001033120	2001040100	2001052709	2000061903	1993072621	2001083017	1999092901	1999101715	1999112806	2000120906	2001052709													

STATION: 46047

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

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (5/1999 - 12/2001) (21456 RECORDS, 15.7% 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
43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	2	#
42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	2	999	3	999
40	-	-	2	#	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	998	7	999
39	-	-	1	999	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	4	997	10	999
38	1	#	2	998	3	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	998	5	995	13	999
37	-	-	3	996	6	995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	997	11	993	24	998
36	1	999	7	994	7	991	3	#	6	#	-	-	-	-	-	-	-	-	-	-	2	995	16	988	42	997
35	5	999	5	989	4	986	2	998	3	996	-	-	-	-	-	-	-	-	-	-	5	994	19	980	43	995
34	4	995	5	985	8	983	7	996	5	993	3	#	-	-	-	-	-	-	-	-	3	992	23	972	58	993
33	12	992	15	981	11	977	11	991	6	990	5	999	-	-	-	-	-	-	3	#	10	990	24	961	97	991
32	14	983	7	970	12	970	13	983	10	985	4	996	-	-	-	-	-	-	4	999	10	985	18	950	92	986
31	18	973	4	965	16	961	20	973	9	978	11	994	1	#	2	#	1	#	-	-	16	980	22	942	120	982
30	23	960	8	962	13	950	22	958	9	972	11	989	10	999	2	999	-	-	3	997	22	972	30	932	153	976
29	31	944	14	956	28	941	26	941	15	965	29	983	24	995	6	998	2	999	10	995	24	961	35	918	244	969
28	22	922	7	945	42	921	38	921	17	954	42	969	41	983	14	995	11	999	13	991	37	949	19	902	303	958
27	29	906	10	940	52	891	42	893	29	942	65	949	41	964	46	989	30	993	12	984	34	931	29	894	419	944
26	33	885	23	933	66	854	64	861	41	920	92	917	66	944	76	967	47	978	13	979	30	914	36	880	587	924
25	26	861	22	915	60	808	62	813	32	890	67	873	77	913	104	931	33	955	28	973	39	899	36	864	586	897
24	36	843	37	899	58	765	59	766	34	867	84	840	101	876	145	883	45	938	35	959	52	880	55	847	741	869
23	36	817	30	871	56	724	85	721	49	842	79	799	126	828	164	814	51	916	32	943	51	854	47	822	806	835
22	44	791	28	849	68	685	90	657	54	806	82	761	154	768	163	737	68	891	49	928	66	829	62	801	928	797
21	50	759	46	828	61	636	91	589	73	767	86	721	153	694	149	661	77	857	57	905	80	796	50	772	973	754
20	45	723	34	793	76	593	98	520	47	714	80	679	165	621	135	591	101	819	67	878	82	756	48	750	978	709
19	60	691	46	768	58	540	106	446	69	679	94	640	182	543	167	527	107	769	130	846	94	716	57	728	1170	663
18	46	648	38	733	50	499	78	366	46	629	94	595	103	456	118	449	127	716	131	785	98	669	55	702	984	609
17	44	615	38	705	51	463	78	307	50	595	109	549	111	407	104	393	156	653	150	723	125	621	67	676	1083	563
16	51	583	48	676	59	427	61	248	61	559	114	496	84	354	112	344	167	575	141	653	139	559	91	646	1128	512
15	48	546	57	640	51	385	61	202	59	514	85	440	86	314	91	292	143	493	169	586	117	490	105	604	1072	460
14	47	512	52	597	70	349	40	156	61	471	100	399	76	273	102	249	130	422	156	507	143	432	82	556	1059	410
13	42	478	69	558	55	300	34	126	68	427	91	351	110	237	95	201	121	357	142	433	110	361	104	519	1041	360
12	76	448	77	507	72	261	38	100	101	377	97	306	98	184	80	156	127	297	156	366	119	306	145	471	1186	312
11	65	393	74	449	57	210	28	72	56	303	69	259	72	137	54	119	78	234	104	293	79	247	123	405	859	257
10	81	347	95	394	75	170	24	51	96	262	86	226	52	103	59	94	88	195	102	244	80	208	110	349	948	216
9	70	288	92	322	58	117	18	32	77	192	85	184	45	78	59	66	81	152	106	196	71	168	137	298	899	172
8	74	238	86	253	39	76	12	19	53	136	84	142	40	57	30	38	60	112	96	146	80	133	131	236	785	130
7	70	185	82	189	21	48	8	10	39	97	58	102	34	38	17	24	61	82	83	100	67	93	123	176	663	94
6	68	134	70	127	21	33	5	4	27	69	45	73	17	21	15	16	40	52	46	61	42	60	114	120	510	63
5	68	86	48	75	20	18	-	-	33	49	77	52	18	13	13	9	34	32	54	40	43	39	84	68	492	39
4	28	37	29	39	4	4	-	-	18	25	19	14	9	5	5	3	16	15	14	14	21	18	44	29	207	16
3	20	17	16	17	2	1	-	-	10	12	6	5	1	*	1	*	13	7	14	8	13	7	16	9	112	7
2	1	2	7	5	-	-																				

2001	MEAN	13.4	12.7	13.0	12.1	14.2	15.2	16.0	16.0	16.5	16.0	15.6	13.5	14.5
	MAXIMUM	16.9	16.6	15.0	14.1	16.8	18.0	17.9	18.5	18.3	18.7	17.8	17.0	18.7
	DAY-HR	03-22	05-08	22-19	20-23	27-01	22-01	04-02	08-12	12-01	28-23	12-21	08-06	OCT
	MINIMUM	10.7	8.9	10.7	9.9	11.7	12.2	14.7	14.5	14.8	14.2	14.0	11.4	8.9
	DAY-HR	02-15	07-22	10-14	09-15	11-14	15-11	16-12	03-11	23-14	15-15	30-23	18-13	FEB
	# OBS	739	669	734	714	676	710	731	733	718	743	719	743	8629
POR	MEAN	13.8	13.9	13.6	13.4	14.3	14.8	15.7	16.5	17.1	16.7	15.8	14.2	15.1
	MAXIMUM	17.6	19.6	18.1	16.5	18.4	18.5	19.9	20.4	20.3	20.9	21.0	18.2	21.0
	YEAR	1993	1992	1993	2000	1993	1993	1993	1992	2000	1992	1992	1992	NOV/1992
	MINIMUM	10.5	8.9	9.0	9.9	11.7	11.5	12.5	13.6	14.8	13.7	12.4	10.9	8.9
	YEAR	2000	2001	2000	2001	2001	1999	1999	1999	2001	1999	1999	1999	FEB/2001
	# OBS	2842	2652	2434	2071	2209	2827	2906	2985	2754	2886	2759	3581	32906

STATION: 46047 -- POR (12/1991 - 12/2001)

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

ELEMENT: SEA TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1991	MEAN	-	-	-	-	-	-	-	-	-	-	-	15.0	15.0
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	16.1	16.1
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	17-23	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	14.5	14.5
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	30-14	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	652	652
1992	MEAN	14.4	15.3	16.0	-	-	-	-	19.8	19.7	19.6	18.0	15.8	17.5
	MAXIMUM	16.5	18.5	16.9	-	-	-	-	21.0	21.1	20.7	20.1	16.8	21.1
	DAY-HR	31-23	28-23	01-01	-	-	-	-	28-06	27-00	01-00	06-22	01-21	SEP
	MINIMUM	13.9	13.7	15.0	-	-	-	-	17.9	18.4	18.8	16.3	14.7	13.7
	DAY-HR	13-14	03-17	11-13	-	-	-	-	08-12	13-06	30-05	29-04	27-13	FEB
	# OBS	704	686	254	-	-	-	-	770	715	734	697	716	5276
1993	MEAN	14.9	15.0	15.2	15.2	16.0	17.2	17.7	18.5	-	-	-	-	15.9
	MAXIMUM	17.5	16.8	17.4	15.8	19.3	20.8	20.4	18.7	-	-	-	-	20.8
	DAY-HR	27-23	02-00	06-23	29-22	25-23	14-23	27-00	02-16	-	-	-	-	JUN
	MINIMUM	14.6	14.6	14.7	13.4	13.4	15.7	16.7	18.2	-	-	-	-	13.4
	DAY-HR	21-15	28-17	02-09	30-15	01-03	22-17	01-05	01-04	-	-	-	-	MAY
	# OBS	729	624	731	712	740	713	724	41	-	-	-	-	5014
1999	MEAN	-	-	-	-	13.1	14.0	16.0	16.8	17.7	16.9	16.1	14.4	15.9
	MAXIMUM	-	-	-	-	13.9	14.9	17.7	17.4	20.2	18.2	18.1	16.2	20.2
	DAY-HR	-	-	-	-	31-23	28-23	31-00	04-07	07-22	30-23	15-22	01-00	SEP
	MINIMUM	-	-	-	-	12.7	13.1	13.4	15.9	16.4	16.0	15.1	12.4	12.4
	DAY-HR	-	-	-	-	30-15	07-15	07-06	14-17	02-14	29-14	29-03	10-23	DEC
	# OBS	-	-	-	-	120	712	723	718	616	679	628	721	4917
2000	MEAN	14.0	14.3	14.4	14.7	13.7	15.8	17.0	17.8	19.2	18.1	16.5	15.4	15.9
	MAXIMUM	15.6	15.3	16.0	15.9	16.5	18.1	18.4	19.7	20.7	20.6	18.5	16.6	20.7
	DAY-HR	19-20	19-00	19-00	16-01	16-01	30-02	13-00	14-22	01-22	02-00	04-00	19-23	SEP
	MINIMUM	13.2	13.3	13.9	13.0	12.4	13.7	16.2	16.2	18.6	17.0	14.6	14.8	12.4
	DAY-HR	29-17	02-17	21-16	30-14	07-18	05-03	30-19	01-14	01-14	31-23	30-13	16-13	MAY
	# OBS	668	672	713	643	669	683	710	721	701	724	706	738	8348
2001	MEAN	14.6	13.7	14.4	13.2	15.1	16.3	17.1	16.7	17.5	17.0	16.5	14.1	15.5
	MAXIMUM	16.1	15.8	15.8	15.2	17.2	19.5	18.7	18.5	18.2	18.7	17.8	16.0	19.5
	DAY-HR	04-23	04-23	19-00	01-01	31-02	22-01	07-22	07-22	15-00	27-21	01-01	01-23	JUN
	MINIMUM	13.8	12.5	13.6	12.3	12.8	14.5	16.4	15.1	16.7	16.0	15.3	12.9	12.3
	DAY-HR	19-15	14-18	31-12	13-08	01-04	18-02	17-20	27-14	29-15	23-15	30-23	24-03	APR
	# OBS	734	669	732	711	658	705	730	733	716	743	719	743	8593
POR	MEAN	14.5	14.6	14.8	14.3	14.9	15.8	17.0	17.8	18.6	17.9	16.8	14.9	16.1
	MAXIMUM	17.5	18.5	17.4	15.9	19.3	20.8	20.4	21.0	21.1	20.7	20.1	16.8	21.1
	YEAR	1993	1992	1993	2000	1993	1993	1993	1992	1992	1992	1992	1992	SEP/1992
	MINIMUM	13.2	12.5	13.6	12.3	12.4	13.1	13.4	15.1	16.4	16.0	14.6	12.4	12.3
	YEAR	2000	2001	2001	2001	2000	1999	1999	2001	1999	2001	2000	1999	APR/2001
	# OBS	2835	2651	2430	2066	2187	2813	2887	2983	2748	2880	2750	3570	32800

STATION: 46047 -- POR (8/1992 - 8/2001)

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1992	MEAN	-	-	-	-	-	-	-	15.0	14.9	-	-	-	15.0
	MAXIMUM	-	-	-	-	-	-	-	17.4	17.8	-	-	-	17.8
	DAY-HR	-	-	-	-	-	-	-	30-21	06-01	-	-	-	SEP
	MINIMUM	-	-	-	-	-	-	-	11.8	12.5	-	-	-	11.8
	DAY-HR	-	-	-	-	-	-	-	26-13	16-09	-	-	-	AUG
	# OBS	-	-	-	-	-	-	-	391	526	-	-	-	917
1999	MEAN	-	-	-	-	9.4	10.8	12.8	13.6	13.5	14.1	11.8	10.4	12.3
	MAXIMUM	-	-	-	-	11.0	12.7	14.6	15.1	16.2	16.7	16.1	13.6	16.7
	DAY-HR	-	-	-	-	27-22	14-08	31-06	26-11	30-03	08-23	20-12	26-05	OCT
	MINIMUM	-	-	-	-	6.0	5.8	10.6	0.0	10.7	11.5	6.4	5.9	0.0
	DAY-HR	-	-	-	-	30-16	03-13	03-15	23-16	20-15	31-11	22-10	31-14	AUG
	# OBS	-	-	-	-	120	713	722	720	617	679	630	722	4923
2000	MEAN	10.6	10.4	9.2	10.7	11.4	12.4	12.7	13.9	14.8	12.7	10.3	11.4	11.7
	MAXIMUM	13.8	13.7	13.2	14.0	14.3	14.4	14.9	16.2	19.0	15.2	14.2	14.5	19.0
	DAY-HR	19-22	14-15	19-04	14-04	25-07	18-07	24-04	15-00	13-23	23-23	04-06	08-11	SEP
	MINIMUM	5.8	4.8	2.5	7.3	6.7	9.4	0.0	11.2	11.8	8.8	3.4	7.1	0.0
	DAY-HR	03-11	24-17	06-01	28-21	11-13	02-15	27-12	30-07	04-03	30-15	13-05	12-20	JUL
	# OBS	668	672	714	645	673	689	719	723	702	729	712	742	8388
2001	MEAN	8.7	8.4	9.8	8.6	11.7	12.8	13.1	13.6	-	-	-	-	10.5
	MAXIMUM	13.9	13.1	13.0	12.0	14.6	15.3	16.3	16.4	-	-	-	-	16.4
	DAY-HR	05-02	04-22	25-13	19-18	25-02	28-14	04-04	08-15	-	-	-	-	AUG
	MINIMUM	0.3	1.8	4.8	3.3	7.7	10.2	11.3	11.2	-	-	-	-	0.3
	DAY-HR	17-19	08-13	11-12	04-10	13-17	13-09	16-18	02-18	-	-	-	-	JAN
	# OBS	739	669	733	715	672	710	731	175	-	-	-	-	5144
POR	MEAN	9.6	9.4	9.5	9.6	11.3	12.0	12.9	14.0	14.4	13.4	11.0	10.9	11.7
	MAXIMUM	13.9	13.7	13.2	14.0	14.6	15.3	16.3	17.4	19.0	16.7	16.1	14.5	19.0
	YEAR	2001	2000	2000	2000	2001	2001	2001	1992	2000	1999	1999	2000	SEP/2000
	MINIMUM	0.3	1.8	2.5	3.3	6.0	5.8	0.0	0.0	10.7	8.8	3.4	5.9	0.0
	YEAR	2001	2001	2000	2001	1999	1999	2000	1999	1999	2000	2000	1999	JUL/2000
	# OBS	1407	1341	1447	1360	1465	2112	2172	2009	1845	1408	1342	1464	19372

STATION: 46047 -- POR (12/1991 - 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
1991	MEAN	-	-	-	-	-	-	-	-	-	-	-	1016.8	1016.8
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	1024.6	1024.6
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	13-19	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	1008.8	1008.8
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	10-22	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	653	653
1992	MEAN	1016.5	1015.8	1013.2	-	-	-	-	1014.9	1012.6	1014.9	1017.4	1018.0	1015.6
	MAXIMUM	1024.1	1023.4	1021.4	-	-	-	-	1019.3	1017.5	1020.6	1028.5	1025.6	1028.5
	DAY-HR	13-19	19-17	10-18	-	-	-	-	26-19	02-19	15-19	26-18	09-08	NOV
	MINIMUM	1005.0	999.2	1000.5	-	-	-	-	1005.5	1006.9	1010.1	1009.2	1008.5	999.2
	DAY-HR	05-23	06-23	02-13	-	-	-	-	24-02	25-12	04-12	23-11	04-21	FEB
	# OBS	704	686	254	-	-	-	-	771	714	736	700	721	5286
1993	MEAN	1015.8	1016.5	1018.9	1015.7	1014.7	1012.2	1014.4	1014.4	-	-	-	-	1015.4
	MAXIMUM	1028.2	1026.2	1026.7	1022.5	1020.0	1019.7	1019.4	1016.8	-	-	-	-	1028.2
	DAY-HR	20-18	01-18	01-19	17-20	29-21	07-06	30-19	01-00	-	-	-	-	JAN
	MINIMUM	1004.1	999.6	1008.9	1010.2	1009.0	1006.9	1008.5	1011.5	-	-	-	-	999.6
	DAY-HR	10-14	08-04	26-12	13-12	09-04	24-10	01-02	02-11	-	-	-	-	FEB
	# OBS	730	628	733	712	740	715	734	41	-	-	-	-	5033
1999	MEAN	-	-	-	-	1017.0	1014.2	1014.8	1013.8	1012.5	1015.3	1018.9	1020.3	1015.7
	MAXIMUM	-	-	-	-	1020.0	1019.8	1020.7	1019.0	1017.8	1021.5	1025.8	1027.6	1027.6
	DAY-HR	-	-	-	-	31-19	04-19	23-19	16-20	25-18	28-17	24-18	23-18	DEC
	MINIMUM	-	-	-	-	1014.2	1008.8	1008.7	1007.5	1008.4	1009.5	1012.7	1012.6	1007.5
	DAY-HR	-	-	-	-	29-11	22-02	03-01	26-02	16-01	15-12	26-23	19-13	AUG
	# OBS	-	-	-	-	120	711	720	717	617	679	630	721	4915
2000	MEAN	1020.3	1018.8	1016.2	1016.6	1013.8	1013.0	1014.3	1013.0	1011.5	1013.8	1016.8	1018.4	1015.5
	MAXIMUM	1028.1	1024.7	1024.9	1022.2	1018.7	1019.0	1019.3	1017.7	1018.0	1020.8	1025.3	1026.2	1028.1
	DAY-HR	04-07	07-18	09-20	03-18	07-20	03-21	13-19	25-18	27-18	12-19	18-18	15-18	JAN
	MINIMUM	1014.4	1007.5	1001.1	1010.4	1009.5	1005.6	1009.7	1008.2	1005.1	1003.9	1006.3	1013.1	1001.1
	DAY-HR	15-23	20-22	05-15	17-14	27-02	17-01	31-02	14-03	22-12	22-12	07-01	25-09	MAR
	# OBS	668	672	714	645	671	688	718	720	701	726	698	741	8362
2001	MEAN	1018.9	1016.7	1015.4	1016.8	1013.6	1013.3	1013.8	1014.2	1012.8	1015.7	1017.5	1019.4	1015.7

	MAXIMUM	1027.4	1025.7	1021.9	1024.2	1018.9	1020.1	1018.9	1018.6	1016.8	1022.7	1022.5	1026.5	1027.4
	DAY-HR	25-18	02-19	08-19	22-19	14-18	27-19	08-19	13-19	20-18	29-18	13-19	13-18	JAN
	MINIMUM	1009.3	995.7	1007.6	1010.3	1007.3	1007.5	1008.5	1007.1	1006.4	1007.7	1010.5	1007.6	995.7
	DAY-HR	11-06	13-09	06-01	02-00	02-10	13-13	03-03	29-01	30-00	01-01	25-00	11-01	FEB
	# OBS	738	669	732	714	673	707	731	733	718	743	719	743	8620
POR	MEAN	1017.8	1017.0	1016.5	1016.3	1014.2	1013.2	1014.3	1014.0	1012.3	1014.9	1017.6	1018.6	1015.6
	MAXIMUM	1028.2	1026.2	1026.7	1024.2	1020.0	1020.1	1020.7	1019.3	1018.0	1022.7	1028.5	1027.6	1028.5
	YEAR	1993	1993	1993	2001	1999	2001	1999	1992	2000	2001	1992	1999	NOV/1992
	MINIMUM	1004.1	995.7	1000.5	1010.2	1007.3	1005.6	1008.5	1005.5	1005.1	1003.9	1006.3	1007.6	995.7
	YEAR	1993	2001	1992	1993	2001	2000	2001	1992	2000	2000	2000	2001	FEB/2001
	# OBS	2840	2655	2433	2071	2204	2821	2903	2982	2750	2884	2747	3579	32869

STATION: 46047 -- POR (12/1991 - 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
1991	MEAN	-	-	-	-	-	-	-	-	-	-	-	9.5	9.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	33.4	33.4
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	19-23	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	17-23	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	653	653
1992	MEAN	12.2	13.6	-	-	-	-	-	12.8	13.1	11.6	13.3	11.6	12.5
	MAXIMUM	36.4	27.6	-	-	-	-	-	25.7	26.2	26.4	32.5	33.2	36.4
	DAY-HR	12-02	02-17	-	-	-	-	-	23-02	04-09	03-09	20-15	12-21	JAN
	MINIMUM	0.2	0.2	-	-	-	-	-	0.6	0.8	0.4	0.4	0.2	0.2
	DAY-HR	20-19	04-13	-	-	-	-	-	26-07	13-16	17-22	06-21	27-23	DEC
	# OBS	704	131	-	-	-	-	-	770	718	736	703	728	4490
1993	MEAN	12.3	11.8	14.2	20.9	14.7	14.5	9.4	12.8	-	-	-	-	14.0
	MAXIMUM	33.0	26.8	29.7	33.0	39.7	32.7	25.3	17.7	-	-	-	-	39.7
	DAY-HR	19-02	08-01	19-01	23-00	08-09	11-10	21-08	02-01	-	-	-	-	MAY
	MINIMUM	0.0	0.0	0.8	6.8	0.2	0.4	0.0	8.9	-	-	-	-	0.0
	DAY-HR	27-18	02-19	24-20	08-21	25-16	18-03	26-21	01-08	-	-	-	-	JUL
	# OBS	731	629	732	712	741	715	732	40	-	-	-	-	5032
1999	MEAN	-	-	-	-	12.4	14.7	13.2	15.9	9.8	11.3	10.0	11.0	12.4
	MAXIMUM	-	-	-	-	20.4	25.1	23.7	23.5	22.7	25.9	30.5	29.5	30.5
	DAY-HR	-	-	-	-	29-23	14-06	24-17	31-04	14-05	07-08	21-21	08-00	NOV
	MINIMUM	-	-	-	-	3.1	1.9	0.0	5.1	0.0	0.2	0.0	0.0	0.0
	DAY-HR	-	-	-	-	31-15	30-15	09-07	22-15	29-01	30-20	28-23	27-04	DEC
	# OBS	-	-	-	-	120	710	720	722	617	679	630	723	4921
2000	MEAN	11.4	9.8	13.5	15.5	14.5	10.9	15.3	12.3	12.2	10.9	13.3	9.4	12.4
	MAXIMUM	29.0	23.1	30.9	27.4	28.8	24.5	24.7	22.4	23.3	25.3	29.2	24.5	30.9
	DAY-HR	05-14	20-04	20-10	28-17	11-11	10-10	04-01	21-04	05-04	22-05	06-23	16-00	MAR
	MINIMUM	0.0	0.0	0.6	3.3	0.0	0.0	2.1	0.4	0.8	0.6	0.2	0.0	0.0
	DAY-HR	24-23	27-03	22-15	12-21	25-03	19-03	23-19	02-18	13-06	24-12	03-10	10-08	DEC
	# OBS	668	673	715	645	673	691	730	726	704	733	714	743	8415
2001	MEAN	10.9	9.9	13.7	15.4	8.9	11.7	12.6	13.4	12.0	9.2	12.0	12.8	11.9
	MAXIMUM	28.6	30.1	29.4	26.4	22.7	27.0	22.2	24.7	22.9	23.5	25.5	33.0	33.0
	DAY-HR	11-06	07-09	10-12	21-18	29-05	12-13	13-08	24-13	28-14	24-01	27-08	11-01	DEC
	MINIMUM	0.0	0.0	0.4	0.8	0.0	0.0	0.6	0.2	0.6	0.4	0.8	0.0	0.0
	DAY-HR	01-00	20-09	31-20	01-00	31-05	07-11	04-09	08-03	01-11	25-21	12-10	02-02	DEC
	# OBS	739	669	735	716	686	714	732	734	718	743	719	743	8648
POR	MEAN	11.7	10.7	13.8	17.3	12.7	13.0	12.6	13.6	11.8	10.7	12.2	10.9	12.5
	MAXIMUM	36.4	30.1	30.9	33.0	39.7	32.7	25.3	25.7	26.2	26.4	32.5	33.4	39.7
	YEAR	1992	2001	2000	1993	1993	1993	1993	1992	1992	1992	1992	1991	MAY/1993
	MINIMUM	0.0	0.0	0.4	0.8	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0
	YEAR	2001	2001	2001	2001	2001	2001	1999	2001	1999	1999	1999	2001	DEC/2001
	# OBS	2842	2102	2182	2073	2220	2830	2914	2992	2757	2891	2766	3590	32159

STATION: 46047 -- POR (12/1991 - 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
------	---------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

1991	MEAN	-	-	-	-	-	-	-	-	-	-	-	11.9	11.9
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	42.6	42.6
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	19-17	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	653	653
1992	MEAN	14.8	16.7	-	-	-	-	15.6	16.4	14.5	16.2	14.3	15.3	
	MAXIMUM	42.6	36.2	-	-	-	-	30.9	34.4	31.5	39.7	41.8	42.6	
	DAY-HR	12-02	02-14	-	-	-	-	23-02	04-09	03-09	20-10	12-23	JAN	
	# OBS	704	131	-	-	-	-	768	715	735	697	710	4460	
1993	MEAN	15.0	14.6	17.3	25.0	17.7	17.5	12.0	15.1	-	-	-	17.0	
	MAXIMUM	40.6	32.9	34.2	39.7	47.8	39.1	30.3	20.2	-	-	-	47.8	
	DAY-HR	19-02	08-01	18-18	23-02	08-09	11-11	21-09	02-02	-	-	-	MAY	
	# OBS	729	622	730	712	738	712	722	40	-	-	-	5005	
1999	MEAN	-	-	-	-	15.4	18.1	16.3	19.3	12.4	14.0	12.6	13.5	15.3
	MAXIMUM	-	-	-	-	25.1	32.7	30.1	29.2	27.0	32.1	38.1	36.7	38.1
	DAY-HR	-	-	-	-	29-13	14-06	24-15	31-04	14-06	07-08	22-01	03-09	NOV
	# OBS	-	-	-	-	120	707	716	714	617	679	626	717	4896
2000	MEAN	14.0	12.6	17.0	18.8	17.6	13.5	18.8	15.2	15.1	13.8	16.5	11.9	15.4
	MAXIMUM	38.1	30.3	37.7	34.0	36.2	30.3	29.9	27.0	28.2	30.3	34.8	29.9	38.1
	DAY-HR	05-14	22-00	20-09	28-18	11-11	10-14	04-04	20-18	05-04	22-05	06-23	12-20	JAN
	# OBS	668	672	713	642	667	684	711	718	701	722	706	740	8344
2001	MEAN	13.9	12.6	17.0	18.8	11.4	14.5	15.7	16.7	15.0	11.7	15.1	16.0	14.9
	MAXIMUM	35.4	36.9	36.9	31.7	27.4	32.7	27.0	29.0	30.7	28.4	32.1	41.2	41.2
	DAY-HR	11-06	24-02	10-12	10-14	29-06	12-13	13-06	24-13	28-13	24-01	27-08	11-01	DEC
	# OBS	738	669	730	709	663	703	724	728	716	743	719	743	8585
POR	MEAN	14.4	13.4	17.1	21.0	15.6	15.9	15.7	16.7	14.8	13.5	15.2	13.6	15.4
	MAXIMUM	42.6	36.9	37.7	39.7	47.8	39.1	30.3	30.9	34.4	32.1	39.7	42.6	47.8
	YEAR	1992	2001	2000	1993	1993	1993	1993	1992	1992	1999	1992	1991	MAY/1993
	# OBS	2839	2094	2173	2063	2188	2806	2873	2968	2749	2879	2748	3563	31943

STATION: 46047 -- POR (5/1999 - 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
1999	MEAN	-	-	-	-	16.9	19.4	17.5	20.6	13.6	15.2	13.8	14.8	16.5
	MAXIMUM	-	-	-	-	26.6	32.7	30.5	29.7	27.8	32.7	41.2	38.9	41.2
	DAY-HR	-	-	-	-	29-10	14-05	24-14	31-03	14-08	07-09	22-00	08-06	NOV
	MINIMUM	-	-	-	-	6.0	4.5	2.7	9.1	2.5	2.3	1.2	1.0	1.0
	DAY-HR	-	-	-	-	31-17	30-15	09-06	22-21	24-09	30-20	15-02	27-05	DEC
	# OBS	-	-	-	-	121	703	708	708	612	675	617	712	4856
2000	MEAN	15.4	14.2	18.4	20.2	18.9	14.6	20.1	16.4	16.2	15.1	17.8	13.2	16.7
	MAXIMUM	38.1	34.6	39.9	36.0	36.4	34.0	30.3	28.2	28.6	32.5	34.8	31.7	39.9
	DAY-HR	05-13	23-19	20-14	28-18	11-10	10-13	18-02	21-06	16-03	22-04	06-22	12-19	MAR
	MINIMUM	1.2	2.1	2.5	5.8	1.6	1.7	4.3	3.7	2.9	2.5	2.1	2.5	1.2
	DAY-HR	24-22	05-13	22-14	12-20	25-03	19-01	11-17	02-17	13-06	24-11	04-01	31-23	JAN
	# OBS	660	670	701	634	643	663	676	707	687	704	681	734	8160
2001	MEAN	15.3	14.1	18.4	20.3	12.7	15.8	17.0	18.2	16.3	13.1	16.6	17.6	16.3
	MAXIMUM	35.8	39.9	36.9	32.5	27.8	34.4	28.0	31.1	30.7	29.4	32.1	43.0	43.0
	DAY-HR	11-06	07-08	10-12	21-19	29-05	12-12	13-06	24-13	28-12	24-01	27-07	11-00	DEC
	MINIMUM	1.4	1.6	3.1	5.6	1.6	1.7	5.6	2.7	1.9	2.3	3.9	2.3	1.4
	DAY-HR	05-05	20-08	13-02	01-00	27-08	07-10	07-13	30-17	01-10	29-02	28-15	31-12	JAN
	# OBS	731	664	713	690	605	691	713	713	717	743	718	742	8440
POR	MEAN	15.4	14.1	18.4	20.2	16.0	16.6	18.2	18.4	15.5	14.4	16.2	15.2	16.5
	MAXIMUM	38.1	39.9	39.9	36.0	36.4	34.4	30.5	31.1	30.7	32.7	41.2	43.0	43.0
	YEAR	2000	2001	2000	2000	2000	2001	1999	2001	2001	1999	1999	2001	DEC/2001
	MINIMUM	1.2	1.6	2.5	5.6	1.6	1.7	2.7	2.7	1.9	2.3	1.2	1.0	1.0
	YEAR	2000	2001	2000	2001	2001	1999	2001	2001	2001	1999	1999	1999	DEC/1999
	# OBS	1391	1334	1414	1324	1369	2057	2097	2128	2016	2122	2016	2188	21456

STATION: 46047 -- POR (12/1991 - 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
------	---------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

1991	MEAN	-	-	-	-	-	-	-	-	-	-	-	2.5	2.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	5.2	5.2
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	30-09	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	653	653
1992	MEAN	2.6	2.3	2.3	-	-	-	-	1.6	1.9	1.9	2.4	2.5	2.2
	MAXIMUM	5.2	4.1	3.7	-	-	-	-	3.2	2.9	3.8	4.3	5.6	5.6
	DAY-HR	30-04	11-05	03-12	-	-	-	-	23-06	25-11	03-04	01-03	08-18	DEC
	# OBS	704	685	254	-	-	-	-	747	626	469	669	670	4824
1993	MEAN	2.1	2.4	2.5	3.2	2.1	2.2	1.9	1.4	-	-	-	-	2.3
	MAXIMUM	4.5	4.2	4.5	5.9	5.9	4.7	3.4	1.5	-	-	-	-	5.9
	DAY-HR	19-03	09-20	24-13	02-12	08-06	11-15	16-12	02-16	-	-	-	-	MAY
	# OBS	656	539	641	552	596	557	606	32	-	-	-	-	4179
1999	MEAN	-	-	-	-	2.0	2.4	2.0	1.9	1.8	2.0	2.3	2.5	2.1
	MAXIMUM	-	-	-	-	2.9	4.4	3.4	3.2	3.5	5.9	5.9	5.4	5.9
	DAY-HR	-	-	-	-	30-08	08-14	24-17	31-13	01-11	29-23	22-06	11-01	NOV
	# OBS	-	-	-	-	120	693	698	689	612	666	612	706	4796
2000	MEAN	2.2	3.0	3.3	2.4	2.4	1.7	2.1	2.0	1.9	2.5	2.9	2.5	2.4
	MAXIMUM	6.9	6.5	6.3	5.4	5.3	3.7	4.0	3.2	3.5	5.9	4.8	6.8	6.9
	DAY-HR	31-21	01-02	20-19	29-13	11-15	10-12	20-10	21-10	11-19	30-07	28-04	23-07	JAN
	# OBS	653	670	694	620	623	654	652	698	676	703	678	726	8047
2001	MEAN	3.3	2.7	2.8	2.5	2.0	1.8	1.8	2.1	1.9	1.8	2.6	3.1	2.4
	MAXIMUM	6.7	5.8	4.9	4.7	5.1	3.8	3.0	3.5	4.3	4.2	6.4	6.7	6.7
	DAY-HR	12-03	20-19	26-19	10-23	03-03	12-15	14-23	24-10	28-07	25-02	22-07	11-02	DEC
	# OBS	722	658	705	675	566	671	696	706	718	743	716	734	8310
POR	MEAN	2.6	2.6	2.8	2.7	2.2	2.0	2.0	1.9	1.9	2.0	2.5	2.6	2.3
	MAXIMUM	6.9	6.5	6.3	5.9	5.9	4.7	4.0	3.5	4.3	5.9	6.4	6.8	6.9
	YEAR	2000	2000	2000	1993	1993	1993	2000	2001	2001	2000	2001	2000	JAN/2000
	# OBS	2735	2552	2294	1847	1905	2575	2652	2872	2632	2581	2675	3489	30809

STATION: 46047

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	0.2	0.1	*	-	0.1	-	-	0.1	-	-	-	*	*	0.5	15
1 - 3		1.3	0.6	0.5	0.5	0.7	0.7	0.5	0.4	0.7	1.0	1.0	1.2	9.1	258
4 - 6		2.5	1.6	1.0	0.6	0.8	0.8	1.0	1.0	1.0	1.3	2.0	2.7	16.3	464
7 - 10		3.3	1.5	0.5	0.5	1.1	0.7	0.7	0.8	0.7	1.5	5.6	5.7	22.7	645
11 - 15		1.3	0.7	0.2	0.6	0.7	0.7	0.6	1.4	0.7	1.0	6.7	7.0	21.8	619
16 - 20		0.2	0.1	*	0.1	0.7	0.1	0.4	1.2	0.5	1.0	8.3	5.5	18.3	519
21 - 24		*	*	0.1	0.3	0.2	*	0.1	0.3	0.1	0.3	4.8	2.3	8.6	245
25 - 33		-	-	0.1	-	0.1	0.1	0.1	*	-	-	1.4	0.8	2.7	76
34 - 47		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	8.7	4.6	2.4	2.8	4.3	3.2	3.5	5.2	3.7	6.1	30.0	25.3	100.0	
TOTAL N	5	247	132	68	80	122	91	100	149	105	173	852	718		2842

(* < 0.05%)

STATION: 46047

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

Month: FEB

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	0.2	0.1	-	0.1	0.1	*	*	0.2	*	0.1	0.1	*	-	1.1	24
1 - 3		1.5	1.0	0.6	0.8	1.0	0.5	0.7	0.5	1.1	1.5	1.1	1.3	11.6	244
4 - 6		2.0	1.1	0.5	0.5	1.2	0.8	1.4	1.6	2.0	2.1	2.5	2.6	18.2	382
7 - 10		1.0	0.2	0.2	0.5	1.4	1.4	2.2	2.0	2.3	3.9	4.6	3.0	22.8	480
11 - 15		0.1	*	0.2	0.4	1.7	1.7	1.6	1.8	0.9	3.0	8.4	2.6	22.5	473
16 - 20		*	-	-	*	1.3	0.6	1.5	1.7	0.3	1.9	6.9	2.3	16.6	349
21 - 24		-	-	-	-	0.6	0.4	0.3	0.4	0.1	0.6	1.5	0.5	4.5	95
25 - 33		-	-	-	-	0.2	0.1	*	-	-	0.2	1.5	0.5	2.6	55
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	4.7	2.4	1.6	2.3	7.6	5.5	8.1	8.0	6.8	13.3	26.6	12.9	100.0	
TOTAL N	4	98	51	34	49	159	116	170	169	142	280	559	271		2102

(* < 0.05%)

STATION: 46047

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	0.0	-	-	-	-	-	*	-	*	-	-	-	-	0.1	2
1 - 3		0.3	0.3	0.2	0.1	0.2	0.1	0.1	0.4	0.3	0.5	0.5	0.6	3.8	83
4 - 6		0.8	0.6	0.3	0.3	0.2	0.4	0.2	0.2	0.6	0.9	2.1	2.2	8.8	192
7 - 10		1.0	0.3	0.5	0.1	0.1	0.2	0.4	0.4	0.6	3.8	8.6	4.5	20.6	450
11 - 15		0.5	0.2	0.1	0.3	*	0.5	0.9	0.3	0.3	1.9	13.0	6.1	24.1	525
16 - 20		-	-	-	-	-	1.5	0.5	0.3	0.4	0.8	18.0	8.2	29.7	649
21 - 24		-	-	-	-	-	1.0	0.4	-	-	0.1	6.7	1.5	9.7	211
25 - 33		-	-	-	-	-	-	-	-	-	0.1	2.8	0.2	3.2	70
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	2.6	1.5	1.2	0.9	0.5	3.7	2.5	1.6	2.2	8.1	51.7	23.5	100.0	
TOTAL N	0	56	33	26	19	12	81	54	35	48	177	1128	513		2182

(* < 0.05%)

STATION: 46047

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	0.0	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1 - 3		0.1	-	-	-	*	-	-	0.1	*	0.2	*	*	0.6	12
4 - 6		*	*	0.1	-	-	-	-	0.1	0.2	0.5	1.0	0.2	2.2	46
7 - 10		0.1	-	-	-	-	*	0.2	0.2	0.8	1.4	4.5	1.2	8.5	176
11 - 15		0.1	-	-	-	-	0.4	-	0.3	1.1	2.5	16.9	6.6	27.8	576
16 - 20		-	-	-	-	-	0.4	-	0.1	0.4	0.6	21.0	9.1	31.6	655
21 - 24		-	-	-	-	-	0.3	-	*	*	0.3	12.5	5.7	18.9	392
25 - 33		-	-	-	-	-	-	-	-	-	-	7.4	3.0	10.4	216
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	0.3	0.0	0.1	0.0	0.0	1.2	0.2	0.9	2.5	5.5	63.3	25.9	100.0	
TOTAL N	0	7	1	3	0	1	24	4	18	52	114	1313	536		2073

(* < 0.05%)

STATION: 46047

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	0.2	*	-	-	-	-	-	0.1	-	-	-	-	-	0.4	8
1 - 3		0.1	0.2	0.1	0.4	0.5	0.7	0.4	0.6	0.5	0.8	0.6	0.4	5.3	118
4 - 6		0.5	0.2	0.3	0.4	0.7	0.5	0.7	0.5	1.1	3.6	2.7	1.2	12.5	277
7 - 10		0.4	0.4	0.1	0.2	0.7	0.4	0.7	0.5	0.7	7.3	9.8	2.3	23.6	524
11 - 15		0.2	0.2	-	-	-	-	*	0.1	0.1	2.5	17.9	3.9	25.0	555
16 - 20		-	-	-	-	-	-	-	-	-	0.1	17.2	3.4	20.7	460
21 - 24		-	-	-	-	-	-	-	-	-	-	5.4	2.6	8.0	178
25 - 33		-	-	-	-	-	-	-	-	-	-	2.8	1.1	3.9	87
34 - 47		-	-	-	-	-	-	-	-	-	-	0.3	0.2	0.5	11
> 48		*	-	-	-	*	-	-	-	-	*	0.1	*	0.3	6
TOTAL %	0.2	1.2	1.0	0.5	1.0	1.9	1.7	2.0	1.8	2.4	14.3	56.9	15.1	100.0	
TOTAL N	4	27	23	12	22	43	37	45	40	54	317	1265	335		2224

(* < 0.05%)

STATION: 46047

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

Month: JUN

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	-	0.3	8
1 - 3		0.5	0.2	0.3	0.5	0.5	0.4	0.5	0.6	0.9	1.6	1.2	0.7	7.9	223
4 - 6		0.4	0.1	*	0.2	0.7	1.0	0.6	0.6	1.0	2.4	2.9	1.2	11.1	313
7 - 10		0.1	-	*	0.1	0.3	0.2	0.2	0.5	0.9	4.1	10.2	2.2	18.8	532
11 - 15		-	-	-	-	-	-	-	0.1	0.1	1.3	19.7	3.3	24.5	691
16 - 20		-	-	-	-	-	-	-	-	*	0.2	19.5	3.8	23.6	666
21 - 24		-	-	-	-	-	-	-	-	-	-	8.7	2.7	11.4	323
25 - 33		-	-	-	-	-	-	-	-	-	-	1.6	0.8	2.5	70
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	0.9	0.3	0.4	0.8	1.5	1.7	1.3	1.8	2.9	9.6	63.9	14.8	100.0	
TOTAL N	2	25	9	11	24	41	48	38	50	82	272	1807	417		2826

(* < 0.05%)

TOTAL %	0.0	1.2	0.6	0.4	0.7	1.3	1.7	1.7	1.8	4.3	11.6	57.7	17.2	100.0	
TOTAL N	0	35	16	11	20	38	50	50	51	123	334	1667	496		2891
(* < 0.05%)															

STATION: 46047

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	0.1	-	-	*	-	*	-	0.1	-	-	-	-	-	0.4	10
1 - 3		0.6	0.6	0.6	0.5	0.6	0.3	0.3	0.4	0.8	0.7	0.7	0.8	6.9	191
4 - 6		1.3	0.7	0.5	0.3	0.5	0.8	0.4	0.3	0.9	1.9	2.2	1.8	11.6	320
7 - 10		1.4	1.4	1.0	0.6	0.2	0.7	0.5	0.3	0.3	2.3	9.4	6.4	24.4	675
11 - 15		1.3	0.6	0.4	0.1	*	0.3	0.1	0.4	*	0.7	14.0	10.9	28.9	800
16 - 20		0.1	-	0.1	-	-	-	-	0.3	*	0.2	9.8	6.0	16.6	458
21 - 24		-	-	-	-	-	-	-	-	-	*	4.1	3.0	7.2	198
25 - 33		-	-	-	-	-	-	-	-	-	-	2.7	1.4	4.1	114
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	4.8	3.3	2.6	1.5	1.4	2.1	1.4	1.7	2.0	5.7	43.0	30.4	100.0	
TOTAL N	4	133	91	71	42	38	59	39	46	56	159	1188	840		2766
(* < 0.05%)															

STATION: 46047

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	0.2	0.2	-	-	0.1	0.1	0.1	0.1	*	-	*	-	0.1	0.8	29
1 - 3		1.4	1.1	0.6	0.4	0.5	0.3	0.9	0.7	0.8	1.0	1.4	1.2	10.4	373
4 - 6		2.6	1.9	0.9	0.7	0.6	0.7	0.7	0.6	1.1	2.6	3.5	4.2	20.1	722
7 - 10		1.7	1.2	0.8	0.7	1.0	1.3	0.4	0.6	0.9	3.1	7.1	7.1	25.8	927
11 - 15		0.9	0.2	0.2	0.3	0.2	0.5	0.5	0.8	0.3	1.4	7.6	6.7	19.6	705
16 - 20		0.2	-	-	-	0.1	0.3	0.3	0.4	0.1	0.5	5.1	5.0	12.0	432
21 - 24		*	-	-	-	-	0.1	0.1	*	-	-	3.1	2.6	5.9	212
25 - 33		0.1	-	-	-	-	-	0.1	-	-	-	2.9	2.2	5.3	190
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	7.0	4.4	2.6	2.2	2.4	3.3	3.2	3.1	3.3	8.6	30.7	29.1	100.0	
TOTAL N	6	251	157	94	80	87	119	114	111	117	309	1101	1044		3590
(* < 0.05%)															

STATION: 46047

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	0.1	*	*	*	*	*	*	0.1	*	*	*	*	*	0.4	114
1 - 3		0.6	0.4	0.3	0.4	0.4	0.4	0.5	0.5	0.7	0.9	0.9	0.7	6.6	2120
4 - 6		1.0	0.6	0.3	0.3	0.5	0.6	0.5	0.6	1.0	2.3	2.7	1.8	12.3	3961
7 - 10		0.8	0.5	0.3	0.3	0.4	0.5	0.5	0.5	0.7	3.8	9.0	4.0	21.3	6843
11 - 15		0.4	0.2	0.1	0.1	0.2	0.3	0.3	0.4	0.4	1.8	17.2	5.8	27.3	8772
16 - 20		0.1	*	*	*	0.2	0.2	0.2	0.3	0.1	0.5	15.7	4.6	21.9	7043
21 - 24		*	*	*	*	0.1	0.1	0.1	0.1	*	0.1	5.1	1.9	7.4	2379
25 - 33		*	-	*	-	*	*	*	*	-	*	1.8	0.9	2.8	898
34 - 47		-	-	-	-	-	-	-	-	-	-	*	*	0.0	12
> 48		*	-	-	-	*	-	-	-	-	*	*	*	0.0	6
TOTAL %	0.1	2.9	1.7	1.1	1.2	1.7	2.2	2.1	2.4	3.0	9.5	52.5	19.7	100.0	
TOTAL N	28	941	532	344	373	562	706	689	757	979	3042	16868	6327		32148
(* < 0.05%)															

STATION: 46047

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	0.2	0.1	*	*	0.1	*	*	0.1	*	*	*	*	*	0.8	68
1 - 3		1.4	0.9	0.6	0.6	0.7	0.5	0.7	0.6	0.8	1.1	1.2	1.2	10.3	875
4 - 6		2.4	1.6	0.9	0.6	0.8	0.8	1.0	1.0	1.2	2.0	2.8	3.3	18.4	1568
7 - 10		2.0	1.1	0.6	0.6	1.1	1.1	1.0	1.0	1.2	2.8	6.0	5.6	24.0	2052
11 - 15		0.8	0.3	0.2	0.4	0.8	0.9	0.8	1.2	0.6	1.6	7.5	5.8	21.1	1797
16 - 20		0.2	*	*	0.1	0.6	0.3	0.6	1.0	0.3	1.0	6.6	4.5	15.2	1300

21 - 24	*	*	*	0.1	0.2	0.2	0.2	0.2	0.1	0.2	3.3	2.0	6.5	552
25 - 33	*	-	*	-	0.1	0.1	0.1	*	-	*	2.1	1.3	3.8	321
34 - 47	-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	7.0	4.0	2.3	2.4	4.3	3.8	4.5	5.0	4.3	8.9	29.4	23.8	100.0
TOTAL N	15	596	340	196	209	368	326	384	429	364	762	2512	2033	8534

(* < 0.05%)

STATION: 46047

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	0.1	*	-	-	-	-	*	*	*	-	-	-	-	0.2	10
1 - 3		0.2	0.2	0.1	0.2	0.2	0.3	0.2	0.4	0.3	0.5	0.4	0.4	3.3	213
4 - 6		0.4	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.6	1.7	2.0	1.2	7.9	515
7 - 10		0.5	0.3	0.2	0.1	0.3	0.2	0.4	0.4	0.7	4.2	7.7	2.7	17.7	1150
11 - 15		0.2	0.1	*	0.1	*	0.3	0.3	0.2	0.5	2.3	15.9	5.5	25.6	1656
16 - 20		-	-	-	-	-	0.6	0.2	0.1	0.3	0.5	18.7	6.9	27.2	1764
21 - 24		-	-	-	-	-	0.4	0.1	*	*	0.1	8.1	3.2	12.1	781
25 - 33		-	-	-	-	-	-	-	-	-	*	4.3	1.4	5.8	373
34 - 47		-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.2	11
> 48		*	-	-	-	*	-	-	-	-	*	*	*	0.1	6
TOTAL %	0.1	1.4	0.9	0.6	0.6	0.9	2.2	1.6	1.4	2.4	9.4	57.2	21.4	100.0	
TOTAL N	4	90	57	41	41	56	142	103	93	154	608	3706	1384	6479	

(* < 0.05%)

STATION: 46047

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	0.0	*	*	*	*	-	*	*	-	-	*	*	*	0.2	17
1 - 3		0.3	0.1	0.2	0.3	0.2	0.4	0.4	0.4	0.8	1.0	0.9	0.6	5.6	492
4 - 6		0.4	0.1	0.1	0.1	0.3	0.7	0.3	0.4	0.9	2.7	2.7	1.0	9.6	839
7 - 10		*	*	*	0.1	0.1	0.2	0.1	0.2	0.6	4.4	9.8	2.2	17.7	1545
11 - 15		-	-	-	-	-	-	-	*	0.1	1.8	23.0	3.8	28.8	2508
16 - 20		-	-	-	-	-	-	-	-	*	0.3	26.0	3.6	29.9	2605
21 - 24		-	-	-	-	-	-	-	-	-	-	6.1	1.2	7.3	639
25 - 33		-	-	-	-	-	-	-	-	-	-	0.6	0.3	0.9	76
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	0.7	0.2	0.3	0.5	0.6	1.2	0.9	1.1	2.4	10.2	69.1	12.6	100.0	
TOTAL N	4	61	21	22	47	55	108	78	96	209	890	6030	1100	8721	

(* < 0.05%)

STATION: 46047

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	0.1	*	-	*	-	*	-	0.1	-	-	-	*	*	0.2	19
1 - 3		0.5	0.3	0.3	0.4	0.3	0.4	0.5	0.5	0.8	0.9	0.8	0.7	6.4	540
4 - 6		0.7	0.3	0.2	0.2	0.5	0.5	0.4	0.5	1.2	2.8	3.4	1.6	12.3	1039
7 - 10		0.7	0.5	0.3	0.2	0.1	0.4	0.4	0.3	0.6	3.9	12.4	5.1	24.9	2096
11 - 15		0.4	0.2	0.1	*	*	0.1	0.2	0.3	0.4	1.4	22.1	8.1	33.4	2811
16 - 20		*	-	*	-	-	*	-	0.1	*	0.2	11.8	4.1	16.3	1374
21 - 24		-	-	-	-	-	-	-	-	*	*	3.4	1.4	4.8	407
25 - 33		-	-	-	-	-	-	-	-	-	-	1.0	0.5	1.5	128
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	2.3	1.4	1.0	0.9	1.0	1.5	1.5	1.7	3.0	9.3	54.9	21.5	100.0	
TOTAL N	5	194	114	85	76	83	130	124	139	252	782	4620	1810	8414	

(* < 0.05%)

STATION: 46047

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

Month: JAN

WIND SPEED	WAVE HEIGHT												>13.4	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-
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	15
1 - 3	-	2.0	3.6	2.4	0.9	0.4	-	-	-	-	-	-	-	-	-	9.3	254
4 - 6	-	2.2	9.1	3.7	1.0	0.4	0.1	-	-	-	-	-	-	-	-	16.4	449
7 - 10	-	2.6	12.1	6.4	1.2	0.2	0.2	0.1	-	-	-	-	-	-	-	22.8	624

11 - 15	-	1.5	10.4	7.1	1.7	0.8	0.3	*	-	-	-	-	-	-	-	21.8	595
16 - 20	-	0.4	5.4	7.1	3.8	0.9	0.3	0.1	-	-	-	-	-	-	-	18.0	493
21 - 24	-	-	1.2	3.7	3.0	0.3	0.1	-	-	-	-	-	-	-	-	8.3	227
25 - 33	-	-	0.2	1.0	0.9	0.4	*	-	-	-	-	-	-	-	-	2.5	68
34 - 47	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
> 48	-	0.1	0.2	*	*	-	-	-	-	-	-	-	-	-	-	0.3	9
TOTAL %	0.0	9.1	42.4	31.5	12.4	3.3	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	250	1161	861	338	90	28	7	0	0	0	0	0	0	0		2735

(* < 0.05%)

STATION: 46047

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

Month: FEB

		WAVE HEIGHT																
		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
WIND SPEED	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	24
	1 - 3	-	0.2	0.4	0.3	0.1	-	-	-	-	-	-	-	-	-	-	9.3	238
	4 - 6	-	1.1	6.3	4.8	2.1	0.5	*	-	-	-	-	-	-	-	-	14.8	377
	7 - 10	-	0.8	7.2	6.5	2.8	0.6	0.1	-	-	-	-	-	-	-	-	18.0	459
	11 - 15	-	0.2	6.5	7.9	1.8	0.5	0.2	-	-	-	-	-	-	-	-	17.0	435
	16 - 20	-	-	3.7	5.0	2.3	1.1	0.5	*	-	-	-	-	-	-	-	12.5	320
	21 - 24	-	-	0.4	1.6	0.9	0.3	0.1	-	-	-	-	-	-	-	-	3.4	86
	25 - 33	-	-	0.2	0.2	1.0	0.5	0.1	-	-	-	-	-	-	-	-	1.9	49
	34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	> 48	-	1.8	13.4	6.3	0.5	-	-	-	-	-	-	-	-	-	-	22.1	564
TOTAL %		0.0	5.8	42.0	35.6	12.1	3.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		0	149	1071	909	310	88	24	1	0	0	0	0	0	0	0		2552

(* < 0.05%)

STATION: 46047

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

Month: MAR

		WAVE HEIGHT																
		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
WIND SPEED	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	-	0.1	2
	1 - 3	-	0.2	1.4	1.3	0.6	0.1	-	-	-	-	-	-	-	-	-	3.6	82
	4 - 6	-	0.5	3.5	2.9	1.2	0.2	-	-	-	-	-	-	-	-	-	8.3	190
	7 - 10	-	1.5	6.0	8.3	2.0	0.8	0.1	-	-	-	-	-	-	-	-	18.7	429
	11 - 15	-	2.9	4.4	10.8	2.3	0.8	-	-	-	-	-	-	-	-	-	21.2	487
	16 - 20	-	1.2	4.9	13.5	5.9	0.8	-	-	-	-	-	-	-	-	-	26.3	603
	21 - 24	-	-	1.0	3.1	3.2	0.8	*	-	-	-	-	-	-	-	-	8.1	186
	25 - 33	-	-	*	0.6	1.0	0.6	0.3	-	-	-	-	-	-	-	-	2.5	58
	34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	> 48	-	0.7	7.4	2.8	0.2	-	-	-	-	-	-	-	-	-	-	11.2	257
TOTAL %		0.0	7.0	28.8	43.2	16.4	4.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		0	161	660	992	377	95	9	0	0	0	0	0	0	0	0		2294

(* < 0.05%)

STATION: 46047

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

Month: APR

		WAVE HEIGHT																
		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
WIND SPEED	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	-	0.0	0
	1 - 3	-	-	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	0.6	12
	4 - 6	-	0.2	1.9	0.4	-	-	-	-	-	-	-	-	-	-	-	2.5	46
	7 - 10	-	1.0	6.7	1.4	0.1	-	-	-	-	-	-	-	-	-	-	9.1	168
	11 - 15	-	0.9	19.0	7.7	0.7	-	-	-	-	-	-	-	-	-	-	28.3	523
	16 - 20	-	0.2	14.2	12.3	4.8	0.1	-	-	-	-	-	-	-	-	-	31.6	583
	21 - 24	-	-	3.3	8.7	5.3	0.5	0.1	-	-	-	-	-	-	-	-	17.8	329
	25 - 33	-	-	0.2	2.9	5.5	1.0	0.2	-	-	-	-	-	-	-	-	9.7	179
	34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	> 48	-	-	0.1	0.1	0.2	-	-	-	-	-	-	-	-	-	-	0.4	7
TOTAL %		0.0	2.2	45.9	33.6	16.5	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		0	41	848	620	305	29	4	0	0	0	0	0	0	0	0		1847

(* < 0.05%)

STATION: 46047

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	-	0.4	8
1 - 3	-	1.9	3.1	0.2	0.2	-	-	-	-	-	-	-	-	-	-	5.4	102
4 - 6	-	3.3	7.7	1.1	0.2	0.3	-	-	-	-	-	-	-	-	-	12.5	239
7 - 10	-	6.1	14.6	2.4	0.6	0.3	-	-	-	-	-	-	-	-	-	24.0	458
11 - 15	-	5.1	15.5	3.9	0.5	-	-	-	-	-	-	-	-	-	-	25.0	476
16 - 20	-	0.3	10.6	8.3	0.8	0.3	-	-	-	-	-	-	-	-	-	20.3	386
21 - 24	-	-	2.1	4.0	1.6	0.2	-	-	-	-	-	-	-	-	-	7.9	151
25 - 33	-	-	-	1.3	1.3	1.0	-	-	-	-	-	-	-	-	-	3.7	70
34 - 47	-	-	-	-	-	0.3	0.2	-	-	-	-	-	-	-	-	0.4	8
> 48	-	-	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	0.4	7
TOTAL %	0.0	16.9	53.9	21.3	5.3	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	322	1027	406	101	46	3	0	0	0	0	0	0	0	0		1905

(* < 0.05%)

STATION: 46047

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	-	0.3	8
1 - 3	-	3.3	4.7	0.2	-	-	-	-	-	-	-	-	-	-	-	8.3	213
4 - 6	-	5.3	6.0	0.2	-	-	-	-	-	-	-	-	-	-	-	11.5	296
7 - 10	-	10.0	9.2	0.6	-	-	-	-	-	-	-	-	-	-	-	19.8	509
11 - 15	-	5.8	14.4	4.0	0.2	-	-	-	-	-	-	-	-	-	-	24.5	630
16 - 20	-	0.7	11.5	10.1	0.9	-	-	-	-	-	-	-	-	-	-	23.2	597
21 - 24	-	-	1.5	6.2	2.4	*	-	-	-	-	-	-	-	-	-	10.1	261
25 - 33	-	-	0.1	0.9	1.0	*	-	-	-	-	-	-	-	-	-	2.1	53
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	0.3	8
TOTAL %	0.0	25.4	47.7	22.3	4.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	653	1227	575	118	2	0	0	0	0	0	0	0	0	0		2575

(* < 0.05%)

STATION: 46047

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	-	0.2	6
1 - 3	-	0.9	4.7	0.3	-	-	-	-	-	-	-	-	-	-	-	5.9	157
4 - 6	-	2.1	8.0	0.3	-	-	-	-	-	-	-	-	-	-	-	10.3	274
7 - 10	-	4.6	14.5	0.7	-	-	-	-	-	-	-	-	-	-	-	19.9	527
11 - 15	-	5.0	22.7	1.4	-	-	-	-	-	-	-	-	-	-	-	29.1	772
16 - 20	-	0.7	18.5	8.2	0.3	-	-	-	-	-	-	-	-	-	-	27.6	732
21 - 24	-	-	1.2	4.8	0.5	-	-	-	-	-	-	-	-	-	-	6.4	171
25 - 33	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	3
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	*	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.4	10
TOTAL %	0.0	13.3	70.1	15.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	354	1860	419	19	0	0	0	0	0	0	0	0	0	0		2652

(* < 0.05%)

STATION: 46047

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	-	0.0	1
1 - 3	-	1.2	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	3.0	86
4 - 6	-	1.8	4.7	0.5	-	-	-	-	-	-	-	-	-	-	-	7.0	202
7 - 10	-	5.4	9.2	0.7	-	-	-	-	-	-	-	-	-	-	-	15.3	439
11 - 15	-	11.6	20.6	1.5	-	-	-	-	-	-	-	-	-	-	-	33.7	969
16 - 20	-	1.8	28.3	6.6	-	-	-	-	-	-	-	-	-	-	-	36.7	1055
21 - 24	-	-	1.5	2.1	*	-	-	-	-	-	-	-	-	-	-	3.6	104
25 - 33	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	2
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.5	14

TOTAL %	0.0	22.1	66.3	11.6	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	0	635	1904	332	1	0	0	0	0	0	0	0	0	0	0		2872

(* < 0.05%)

STATION: 46047

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	-	0.2	5
1 - 3	-	1.5	3.6	0.4	-	-	-	-	-	-	-	-	-	-	-	5.5	146
4 - 6	-	2.7	7.3	0.7	-	-	-	-	-	-	-	-	-	-	-	10.8	283
7 - 10	-	5.9	15.3	1.0	*	-	-	-	-	-	-	-	-	-	-	22.3	586
11 - 15	-	7.9	27.3	2.3	-	-	-	-	-	-	-	-	-	-	-	37.5	986
16 - 20	-	1.1	13.1	4.7	1.0	-	-	-	-	-	-	-	-	-	-	20.0	527
21 - 24	-	-	1.5	1.7	0.3	-	-	-	-	-	-	-	-	-	-	3.6	94
25 - 33	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	3
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	2
TOTAL %	0.0	19.3	68.3	11.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	508	1798	290	36	0	0	0	0	0	0	0	0	0	0		2632

(* < 0.05%)

STATION: 46047

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	-	0.2	4
1 - 3	-	1.4	3.2	2.3	0.3	-	-	-	-	-	-	-	-	-	-	7.2	186
4 - 6	-	3.4	7.2	4.3	0.4	0.1	*	-	-	-	-	-	-	-	-	15.5	400
7 - 10	-	9.7	14.1	3.5	0.6	0.3	-	-	-	-	-	-	-	-	-	28.2	727
11 - 15	-	9.5	18.2	5.0	0.5	0.3	*	-	-	-	-	-	-	-	-	33.6	868
16 - 20	-	0.4	6.6	3.6	0.6	0.5	0.1	-	-	-	-	-	-	-	-	11.9	308
21 - 24	-	-	0.7	1.5	0.6	0.1	0.1	-	-	-	-	-	-	-	-	2.9	74
25 - 33	-	-	*	0.2	0.1	*	-	-	-	-	-	-	-	-	-	0.3	8
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	6
TOTAL %	0.0	24.6	50.3	20.3	3.1	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	636	1297	525	80	36	7	0	0	0	0	0	0	0	0		2581

(* < 0.05%)

STATION: 46047

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	-	0.3	9
1 - 3	-	1.9	3.8	1.2	0.1	-	-	-	-	-	-	-	-	-	-	7.0	187
4 - 6	-	2.8	6.6	2.0	0.3	-	-	-	-	-	-	-	-	-	-	11.7	314
7 - 10	-	2.6	14.1	6.2	1.6	0.2	-	-	-	-	-	-	-	-	-	24.6	658
11 - 15	-	1.4	13.5	11.1	2.7	0.5	0.1	-	-	-	-	-	-	-	-	29.3	784
16 - 20	-	*	4.2	6.7	4.6	0.7	0.1	-	-	-	-	-	-	-	-	16.4	439
21 - 24	-	-	0.5	2.6	3.2	0.3	*	-	-	-	-	-	-	-	-	6.7	180
25 - 33	-	-	0.1	1.5	2.1	0.3	*	-	-	-	-	-	-	-	-	3.9	104
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	8.9	42.8	31.3	14.5	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	239	1145	838	389	55	9	0	0	0	0	0	0	0	0		2675

(* < 0.05%)

STATION: 46047

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

Month: DEC

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	-	0.8	29
1 - 3	-	2.0	6.1	1.9	0.6	-	-	-	-	-	-	-	-	-	-	10.6	369
4 - 6	-	2.5	11.3	5.1	1.4	0.1	-	-	-	-	-	-	-	-	-	20.5	714

7 - 10	-	3.0	12.0	8.8	2.2	0.2	-	-	-	-	-	-	-	-	-	26.1	912
11 - 15	-	1.9	7.5	6.0	3.0	0.9	0.1	*	-	-	-	-	-	-	-	19.4	678
16 - 20	-	0.1	3.4	3.6	2.8	1.2	0.5	0.1	-	-	-	-	-	-	-	11.7	409
21 - 24	-	-	0.5	1.5	2.0	1.4	0.2	*	-	-	-	-	-	-	-	5.7	200
25 - 33	-	-	0.1	0.9	1.6	2.1	0.3	*	-	-	-	-	-	-	-	5.0	176
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	2
TOTAL %	0.0	9.5	41.7	28.0	13.7	5.8	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	331	1454	978	478	202	41	5	0	0	0	0	0	0	0		3489

(* < 0.05%)

STATION: 46047

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	-	0.4	111
1 - 3		-	1.6	3.5	1.2	0.3	*	-	-	-	-	-	-	-	-	-	6.6	2032
4 - 6		-	2.4	6.9	2.3	0.6	0.1	*	-	-	-	-	-	-	-	-	12.3	3784
7 - 10		-	4.5	11.4	4.0	1.0	0.2	*	*	-	-	-	-	-	-	-	21.1	6496
11 - 15		-	4.5	14.8	5.6	1.2	0.3	0.1	*	-	-	-	-	-	-	-	26.6	8203
16 - 20		-	0.6	10.3	7.2	2.3	0.5	0.2	*	-	-	-	-	-	-	-	20.9	6452
21 - 24		-	-	1.2	3.3	1.8	0.3	0.1	*	-	-	-	-	-	-	-	6.7	2063
25 - 33		-	-	0.1	0.7	1.1	0.5	0.1	*	-	-	-	-	-	-	-	2.5	773
34 - 47		-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	9
> 48		-	0.3	1.8	0.8	0.1	-	-	-	-	-	-	-	-	-	-	2.9	886
TOTAL %	0.0	13.9	50.2	25.1	8.3	2.1	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	4279	15452	7745	2552	643	125	13	0	0	0	0	0	0	0	0		30809

(* < 0.05%)

STATION: 46047

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	-	0.8	68
1 - 3		-	1.9	4.7	2.4	0.7	0.1	-	-	-	-	-	-	-	-	-	9.8	861
4 - 6		-	2.0	9.2	4.6	1.4	0.3	*	-	-	-	-	-	-	-	-	17.5	1540
7 - 10		-	2.2	10.7	7.4	2.1	0.3	0.1	*	-	-	-	-	-	-	-	22.7	1995
11 - 15		-	1.3	8.1	6.9	2.3	0.7	0.2	*	-	-	-	-	-	-	-	19.5	1708
16 - 20		-	0.2	4.1	5.1	3.0	1.1	0.5	0.1	-	-	-	-	-	-	-	13.9	1222
21 - 24		-	-	0.7	2.2	2.0	0.7	0.1	*	-	-	-	-	-	-	-	5.8	513
25 - 33		-	-	0.1	0.8	1.2	1.1	0.2	*	-	-	-	-	-	-	-	3.3	293
34 - 47		-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
> 48		-	0.6	4.0	1.9	0.2	-	-	-	-	-	-	-	-	-	-	6.6	575
TOTAL %	0.0	8.3	42.0	31.3	12.8	4.3	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	730	3686	2748	1126	380	93	13	0	0	0	0	0	0	0	0		8776

(* < 0.05%)

STATION: 46047

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

Months: MAR, APR, MAY (Spring)

		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	-	0.2	10
1 - 3		-	0.7	1.7	0.6	0.3	*	-	-	-	-	-	-	-	-	-	3.2	196
4 - 6		-	1.3	4.3	1.6	0.5	0.2	-	-	-	-	-	-	-	-	-	7.9	475
7 - 10		-	2.8	8.9	4.3	1.0	0.4	*	-	-	-	-	-	-	-	-	17.4	1055
11 - 15		-	3.0	12.4	7.7	1.3	0.3	-	-	-	-	-	-	-	-	-	24.6	1486
16 - 20		-	0.6	9.5	11.5	4.0	0.4	-	-	-	-	-	-	-	-	-	26.0	1572
21 - 24		-	-	2.0	5.1	3.3	0.5	*	-	-	-	-	-	-	-	-	11.0	666
25 - 33		-	-	0.1	1.5	2.5	0.9	0.1	-	-	-	-	-	-	-	-	5.1	307
34 - 47		-	-	-	-	-	0.1	*	-	-	-	-	-	-	-	-	0.1	8
> 48		-	0.3	2.9	1.2	0.1	-	-	-	-	-	-	-	-	-	-	4.5	271
TOTAL %	0.0	8.7	41.9	33.4	13.0	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	524	2535	2018	783	170	16	0	0	0	0	0	0	0	0	0		6046

(* < 0.05%)

STATION: 46047

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

Months: JUN, JUL, AUG (Summer)

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	>13.4	0.0	0
1 - 3	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	15
4 - 6	-	1.8	3.6	0.2	-	-	-	-	-	-	-	-	-	-	-	5.6	456
7 - 10	-	3.0	6.2	0.3	-	-	-	-	-	-	-	-	-	-	-	9.5	772
11 - 15	-	6.6	10.9	0.7	-	-	-	-	-	-	-	-	-	-	-	18.2	1475
16 - 20	-	7.6	19.3	2.3	0.1	-	-	-	-	-	-	-	-	-	-	29.3	2371
21 - 24	-	1.1	19.8	8.2	0.4	-	-	-	-	-	-	-	-	-	-	29.4	2384
25 - 33	-	-	1.4	4.3	0.9	*	-	-	-	-	-	-	-	-	-	6.6	536
34 - 47	-	-	*	0.3	0.3	*	-	-	-	-	-	-	-	-	-	0.7	58
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	20.3	61.6	16.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1642	4991	1326	138	2	0	0	0	0	0	0	0	0	0		8099

STATION: 46047

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

Months: SEP, OCT, NOV (Autumn)

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	>13.4	0.0	0
1 - 3	-	0.1	0.1	*	*	-	-	-	-	-	-	-	-	-	-	0.2	18
4 - 6	-	1.6	3.5	1.3	0.1	-	-	-	-	-	-	-	-	-	-	6.6	519
7 - 10	-	3.0	7.1	2.3	0.2	*	*	-	-	-	-	-	-	-	-	12.6	997
11 - 15	-	6.0	14.5	3.6	0.7	0.2	-	-	-	-	-	-	-	-	-	25.0	1971
16 - 20	-	6.2	19.6	6.2	1.1	0.3	0.1	-	-	-	-	-	-	-	-	33.4	2638
21 - 24	-	0.5	8.0	5.0	2.1	0.4	0.1	-	-	-	-	-	-	-	-	16.2	1274
25 - 33	-	-	0.9	1.9	1.4	0.1	*	-	-	-	-	-	-	-	-	4.4	348
34 - 47	-	-	*	0.6	0.7	0.1	*	-	-	-	-	-	-	-	-	1.5	115
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	17.5	53.8	21.0	6.4	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1383	4240	1653	505	91	16	0	0	0	0	0	0	0	0		7888

STATION: 46047

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

Month: JAN

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	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
4.5 - 5.4	-	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.6	16
5.5 - 6.4	-	*	0.7	0.3	-	-	-	-	-	-	-	-	-	-	-	1.0	27
6.5 - 7.4	-	0.2	0.8	1.2	0.1	-	-	-	-	-	-	-	-	-	-	2.3	63
7.5 - 8.4	-	0.5	2.4	3.1	0.6	-	-	-	-	-	-	-	-	-	-	6.6	180
8.5 - 9.4	-	0.4	1.8	1.5	0.8	0.1	-	-	-	-	-	-	-	-	-	4.6	125
9.5 - 10.4	-	1.1	2.2	1.0	0.3	0.1	-	-	-	-	-	-	-	-	-	4.6	127
10.5 - 11.4	-	2.4	3.7	0.9	0.5	0.1	-	-	-	-	-	-	-	-	-	7.6	208
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.2	10.1	4.5	2.3	0.1	-	-	-	-	-	-	-	-	-	19.3	527
13.5 - 14.4	-	1.2	12.9	9.5	4.4	1.3	0.3	0.1	-	-	-	-	-	-	-	29.7	811
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.7	6.0	7.2	2.8	0.8	0.6	0.1	-	-	-	-	-	-	-	18.3	500
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	1.7	2.0	0.4	0.7	0.1	*	-	-	-	-	-	-	-	5.0	136
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	0.4	0.1	-	-	-	-	-	-	-	-	-	-	0.5	14
TOTAL %	0.0	9.1	42.4	31.5	12.4	3.3	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	250	1161	861	338	90	28	7	0	0	0	0	0	0	0		2735

STATION: 46047

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

Month: FEB

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	-	0.6	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	25
5.5 - 6.4	-	1.7	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	179
6.5 - 7.4	-	0.8	7.3	1.0	-	-	-	-	-	-	-	-	-	-	-	-	9.1	239
7.5 - 8.4	-	1.2	6.0	3.6	-	-	-	-	-	-	-	-	-	-	-	-	10.8	285
8.5 - 9.4	-	1.8	6.1	0.9	0.5	-	-	-	-	-	-	-	-	-	-	-	9.3	246
9.5 - 10.4	-	2.1	10.1	0.5	*	-	-	-	-	-	-	-	-	-	-	-	12.8	336
10.5 - 11.4	-	1.2	10.7	0.3	-	-	-	-	-	-	-	-	-	-	-	-	12.3	323
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.1	7.6	1.6	*	-	-	-	-	-	-	-	-	-	-	-	10.3	270
13.5 - 14.4	-	3.5	7.2	1.4	0.6	-	-	-	-	-	-	-	-	-	-	-	12.7	335
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	4.6	6.7	1.6	0.2	-	-	-	-	-	-	-	-	-	-	-	13.1	344
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.6	1.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1.9	50
TOTAL %	0.0	19.3	68.3	11.0	1.4	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	0	508	1798	290	36	0	0	0	0	0	0	0	0	0	0	0		2632

(* < 0.05%)

STATION: 46047

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

Month: OCT

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	0.6	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.8	20
5.5 - 6.4	-	1.3	2.1	*	-	-	-	-	-	-	-	-	-	-	-	3.4	88
6.5 - 7.4	-	0.5	2.2	0.4	-	-	-	-	-	-	-	-	-	-	-	3.1	81
7.5 - 8.4	-	0.8	1.4	0.9	0.1	-	-	-	-	-	-	-	-	-	-	3.1	81
8.5 - 9.4	-	1.6	1.4	0.8	0.2	-	-	-	-	-	-	-	-	-	-	3.9	101
9.5 - 10.4	-	2.4	4.1	0.9	0.1	-	-	-	-	-	-	-	-	-	-	7.4	192
10.5 - 11.4	-	3.3	8.8	1.6	0.2	0.1	*	-	-	-	-	-	-	-	-	13.9	359
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	3.6	13.0	5.2	0.5	0.4	0.1	-	-	-	-	-	-	-	-	22.9	590
13.5 - 14.4	-	6.4	9.7	6.0	1.2	0.1	-	-	-	-	-	-	-	-	-	23.3	602
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	4.2	5.2	2.9	0.7	0.8	0.1	-	-	-	-	-	-	-	-	13.8	357
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	2.3	1.7	0.1	*	-	-	-	-	-	-	-	-	-	4.2	108
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 %	0.0	24.7	50.2	20.3	3.1	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	636	1296	525	80	36	7	0	0	0	0	0	0	0	0		2580

(* < 0.05%)

STATION: 46047

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	4
5.5 - 6.4	-	-	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	0.6	16
6.5 - 7.4	-	0.3	1.3	0.7	0.1	-	-	-	-	-	-	-	-	-	-	2.4	64
7.5 - 8.4	-	0.4	1.5	2.7	1.5	-	-	-	-	-	-	-	-	-	-	6.2	165
8.5 - 9.4	-	0.1	0.6	0.9	0.8	0.1	-	-	-	-	-	-	-	-	-	2.5	67
9.5 - 10.4	-	0.3	1.6	1.0	0.4	0.1	-	-	-	-	-	-	-	-	-	3.5	93
10.5 - 11.4	-	1.2	5.3	3.3	0.8	0.3	*	-	-	-	-	-	-	-	-	11.0	293

11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.1	14.2	5.3	0.6	*	-	-	-	-	-	-	-	-	-	-	22.1	591
13.5 - 14.4	-	2.9	10.2	8.7	4.6	0.3	-	-	-	-	-	-	-	-	-	-	26.7	714
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.7	4.7	6.3	4.6	1.1	0.2	-	-	-	-	-	-	-	-	-	18.7	499
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	2.5	2.2	1.1	0.1	0.1	-	-	-	-	-	-	-	-	-	6.1	164
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	*	-	-	-	-	-	-	-	-	-	-	-	0.2	5
TOTAL %	0.0	8.9	42.8	31.3	14.5	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	239	1145	838	389	55	9	0	0	0	0	0	0	0	0	0		2675

(* < 0.05%)

STATION: 46047

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- < 0.5	0.5- 0.4	1.5- 1.4	2.5- 2.4	3.5- 3.4	4.5- 4.4	5.5- 5.4	6.5- 6.4	7.5- 7.4	8.5- 8.4	9.5- 9.4	10.5- 10.4	11.5- 11.4	12.5- 12.4	13.4- 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	4
5.5 - 6.4	-	*	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.6	20
6.5 - 7.4	-	*	0.6	0.7	*	-	-	-	-	-	-	-	-	-	-	-	1.4	48
7.5 - 8.4	-	0.1	0.3	0.7	0.5	0.1	-	-	-	-	-	-	-	-	-	-	1.6	56
8.5 - 9.4	-	0.1	0.4	0.3	0.6	0.3	-	-	-	-	-	-	-	-	-	-	1.6	57
9.5 - 10.4	-	0.7	1.5	0.7	0.6	0.2	*	-	-	-	-	-	-	-	-	-	3.8	131
10.5 - 11.4	-	1.0	3.8	1.2	0.5	0.2	0.1	-	-	-	-	-	-	-	-	-	6.9	240
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.8	9.5	4.6	2.1	1.2	0.1	*	-	-	-	-	-	-	-	-	20.4	713
13.5 - 14.4	-	3.6	15.4	11.0	5.5	2.1	0.2	*	-	-	-	-	-	-	-	-	37.8	1319
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.6	7.4	6.4	3.5	1.6	0.7	0.1	-	-	-	-	-	-	-	-	20.2	705
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.5	2.0	2.0	0.4	0.1	*	-	-	-	-	-	-	-	-	-	5.0	176
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	-	-	0.2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.6	20
TOTAL %	0.0	9.5	41.7	28.0	13.7	5.8	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	331	1454	978	478	202	41	5	0	0	0	0	0	0	0	0		3489

(* < 0.05%)

STATION: 46047

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- < 0.5	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	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	10
4.5 - 5.4	-	0.3	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	208
5.5 - 6.4	-	0.4	2.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.2	986
6.5 - 7.4	-	0.3	3.5	1.0	*	-	-	-	-	-	-	-	-	-	-	-	4.8	1490
7.5 - 8.4	-	0.8	4.5	3.9	0.6	*	-	-	-	-	-	-	-	-	-	-	9.7	3002
8.5 - 9.4	-	1.1	3.5	2.2	0.7	0.1	-	-	-	-	-	-	-	-	-	-	7.6	2345
9.5 - 10.4	-	1.7	4.7	1.3	0.6	0.2	*	-	-	-	-	-	-	-	-	-	8.6	2652
10.5 - 11.4	-	1.5	5.6	1.7	0.5	0.1	*	-	-	-	-	-	-	-	-	-	9.5	2914
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.1	7.5	3.7	1.1	0.3	*	*	-	-	-	-	-	-	-	-	14.7	4529
13.5 - 14.4	-	3.4	9.2	6.0	2.5	0.6	0.1	*	-	-	-	-	-	-	-	-	21.8	6711
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.1	7.0	3.8	1.8	0.6	0.2	*	-	-	-	-	-	-	-	-	15.6	4794

24.5 - 25.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	0.0	8.7	41.9	33.4	13.0	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	524	2535	2018	783	170	16	0	0	0	0	0	0	0	0		6046

(* < 0.05%)

STATION: 46047

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

Months: JUN, JUL, AUG (Summer)

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	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
4.5 - 5.4	-	0.6	0.7	-	-	-	-	-	-	-	-	-	-	-	-	1.3	106
5.5 - 6.4	-	0.6	6.0	*	-	-	-	-	-	-	-	-	-	-	-	6.6	531
6.5 - 7.4	-	0.3	7.7	1.2	-	-	-	-	-	-	-	-	-	-	-	9.3	751
7.5 - 8.4	-	1.6	10.8	7.0	0.3	-	-	-	-	-	-	-	-	-	-	19.7	1594
8.5 - 9.4	-	2.6	7.8	4.2	0.6	-	-	-	-	-	-	-	-	-	-	15.2	1228
9.5 - 10.4	-	3.8	7.8	1.9	0.6	*	-	-	-	-	-	-	-	-	-	14.1	1140
10.5 - 11.4	-	1.7	4.8	0.5	*	-	-	-	-	-	-	-	-	-	-	7.1	576
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.8	1.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	3.1	253
13.5 - 14.4	-	3.9	5.4	0.6	0.1	-	-	-	-	-	-	-	-	-	-	10.1	817
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.1	8.7	0.7	-	-	-	-	-	-	-	-	-	-	-	12.4	1005
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	1.1	89
TOTAL %	0.0	20.3	61.6	16.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1642	4991	1326	138	2	0	0	0	0	0	0	0	0	0		8099

(* < 0.05%)

STATION: 46047

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

Months: SEP, OCT, NOV (Autumn)

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.6	49
5.5 - 6.4	-	1.0	2.5	*	-	-	-	-	-	-	-	-	-	-	-	3.6	283
6.5 - 7.4	-	0.5	3.6	0.7	*	-	-	-	-	-	-	-	-	-	-	4.9	384
7.5 - 8.4	-	0.8	3.0	2.4	0.6	-	-	-	-	-	-	-	-	-	-	6.7	531
8.5 - 9.4	-	1.2	2.7	0.9	0.5	*	-	-	-	-	-	-	-	-	-	5.2	414
9.5 - 10.4	-	1.6	5.3	0.8	0.2	*	-	-	-	-	-	-	-	-	-	7.9	621
10.5 - 11.4	-	1.9	8.3	1.7	0.3	0.1	*	-	-	-	-	-	-	-	-	12.4	975
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.2	11.6	4.0	0.4	0.2	*	-	-	-	-	-	-	-	-	18.4	1451
13.5 - 14.4	-	4.2	9.0	5.4	2.2	0.1	-	-	-	-	-	-	-	-	-	20.9	1651
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.5	5.5	3.6	1.9	0.6	0.1	-	-	-	-	-	-	-	-	15.2	1200
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	2.0	1.4	0.4	0.1	*	-	-	-	-	-	-	-	-	4.1	322
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	6
TOTAL %	0.0	17.5	53.7	21.0	6.4	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1383	4239	1653	505	91	16	0	0	0	0	0	0	0	0		7887

(* < 0.05%)

STATION: 46047

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

Month: JAN

WAVE PERIOD	WAVE HEIGHT											
	0.0- 0.5	0.5- 1.5	1.5- 2.5	2.5- 3.5	3.5- 4.5	4.5- 5.5	5.5- 6.5	6.5- 7.5	7.5- 8.5	8.5- 9.5	9.5- 10.5	10.5- 11.5

WAVE PERIOD	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	TOT %	TOT N
< 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	-	1.0	1.2	*	-	-	-	-	-	-	-	-	-	-	-	2.3	62
5.5 - 6.4	-	0.8	5.0	4.1	0.2	-	-	-	-	-	-	-	-	-	-	10.2	278
6.5 - 7.4	-	1.8	8.7	5.7	2.0	-	-	-	-	-	-	-	-	-	-	18.2	498
7.5 - 8.4	-	1.7	7.8	5.4	3.3	0.4	-	-	-	-	-	-	-	-	-	18.6	508
8.5 - 9.4	-	3.0	6.5	5.0	3.3	0.8	0.1	-	-	-	-	-	-	-	-	18.7	512
9.5 - 10.4	-	0.8	7.0	2.8	0.9	0.5	0.3	-	-	-	-	-	-	-	-	12.3	337
10.5 - 11.4	-	-	4.4	3.0	0.5	0.4	0.4	0.1	-	-	-	-	-	-	-	8.8	241
11.5 - 12.4	-	-	1.3	2.8	0.7	*	0.1	0.1	-	-	-	-	-	-	-	5.0	137
12.5 - 13.4	-	-	0.4	1.9	0.8	0.1	0.1	-	-	-	-	-	-	-	-	3.3	89
13.5 - 14.4	-	-	0.1	0.7	0.7	0.5	-	-	-	-	-	-	-	-	-	2.0	55
14.5 - 15.4	-	-	*	*	-	0.4	-	*	-	-	-	-	-	-	-	0.5	15
15.5 - 16.4	-	-	-	-	-	0.1	*	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	0.0	9.1	42.4	31.5	12.4	3.3	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	250	1161	861	338	90	28	7	0	0	0	0	0	0	0		2735

(* < 0.05%)

STATION: 46047

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

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	3
5.5 - 6.4	-	0.5	4.1	1.6	*	-	-	-	-	-	-	-	-	-	-	6.2	158
6.5 - 7.4	-	1.2	7.6	5.8	1.4	-	-	-	-	-	-	-	-	-	-	15.9	407
7.5 - 8.4	-	1.1	8.7	9.2	2.0	0.9	0.1	-	-	-	-	-	-	-	-	22.1	564
8.5 - 9.4	-	0.9	8.6	7.7	2.6	0.3	*	-	-	-	-	-	-	-	-	20.2	515
9.5 - 10.4	-	0.9	6.1	6.5	2.2	0.9	0.3	-	-	-	-	-	-	-	-	16.8	429
10.5 - 11.4	-	1.0	3.8	2.7	2.0	0.5	0.4	*	-	-	-	-	-	-	-	10.4	266
11.5 - 12.4	-	0.2	1.5	1.8	1.3	0.8	0.1	-	-	-	-	-	-	-	-	5.7	146
12.5 - 13.4	-	-	1.4	0.2	0.7	0.1	-	-	-	-	-	-	-	-	-	2.3	59
13.5 - 14.4	-	-	0.2	-	*	-	-	-	-	-	-	-	-	-	-	0.2	5
TOTAL %	0.0	5.8	42.0	35.6	12.1	3.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	149	1071	909	310	88	24	1	0	0	0	0	0	0	0		2552

(* < 0.05%)

STATION: 46047

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	1.6	1.4	-	-	-	-	-	-	-	-	-	-	-	-	3.0	68
5.5 - 6.4	-	2.3	3.5	1.5	-	-	-	-	-	-	-	-	-	-	-	7.3	167
6.5 - 7.4	-	1.7	8.5	11.8	4.5	0.3	-	-	-	-	-	-	-	-	-	26.7	613
7.5 - 8.4	-	0.5	6.3	11.8	5.1	1.1	0.2	-	-	-	-	-	-	-	-	25.0	574
8.5 - 9.4	-	0.7	4.4	6.7	2.3	1.0	0.1	-	-	-	-	-	-	-	-	15.1	346
9.5 - 10.4	-	0.3	3.2	5.8	2.0	0.8	-	-	-	-	-	-	-	-	-	12.0	276
10.5 - 11.4	-	-	1.4	3.6	1.6	0.7	-	-	-	-	-	-	-	-	-	7.3	167
11.5 - 12.4	-	-	0.1	1.5	0.4	0.1	0.1	-	-	-	-	-	-	-	-	2.3	53
12.5 - 13.4	-	-	-	0.7	0.5	*	-	-	-	-	-	-	-	-	-	1.2	27
13.5 - 14.4	-	-	-	*	0.1	-	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	0.0	7.0	28.8	43.2	16.4	4.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	161	660	992	377	95	9	0	0	0	0	0	0	0	0		2294

(* < 0.05%)

STATION: 46047

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	0.5	3.3	-	-	-	-	-	-	-	-	-	-	-	-	3.8	70
5.5 - 6.4	-	0.6	20.8	10.7	0.3	-	-	-	-	-	-	-	-	-	-	32.3	597
6.5 - 7.4	-	0.8	12.9	14.9	7.8	0.3	-	-	-	-	-	-	-	-	-	36.7	678
7.5 - 8.4	-	0.3	5.0	6.3	6.7	0.8	-	-	-	-	-	-	-	-	-	19.1	352
8.5 - 9.4	-	0.1	2.8	1.1	1.4	0.5	0.2	-	-	-	-	-	-	-	-	6.1	112
9.5 - 10.4	-	-	1.1	0.3	0.3	-	-	-	-	-	-	-	-	-	-	1.7	31
10.5 - 11.4	-	-	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	0.3	6
11.5 - 12.4	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	1
TOTAL %	0.0	2.2	45.9	33.6	16.5	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	41	848	620	305	29	4	0	0	0	0	0	0	0	0		1847

(* < 0.05%)

STATION: 46047

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	1.3	2.4	-	-	-	-	-	-	-	-	-	-	-	-	3.6	69
5.5 - 6.4	-	3.9	15.1	8.5	0.5	-	-	-	-	-	-	-	-	-	-	28.0	534
6.5 - 7.4	-	3.6	14.5	7.2	2.7	0.5	-	-	-	-	-	-	-	-	-	28.5	543
7.5 - 8.4	-	4.3	9.4	3.3	0.6	1.1	0.2	-	-	-	-	-	-	-	-	18.8	359
8.5 - 9.4	-	2.8	8.6	1.5	0.3	0.2	-	-	-	-	-	-	-	-	-	13.3	253
9.5 - 10.4	-	1.0	3.6	0.8	1.2	0.3	-	-	-	-	-	-	-	-	-	7.0	133
10.5 - 11.4	-	-	0.3	0.1	0.1	0.3	-	-	-	-	-	-	-	-	-	0.7	14
TOTAL %	0.0	16.9	53.9	21.3	5.3	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	322	1027	406	101	46	3	0	0	0	0	0	0	0	0		1905

(* < 0.05%)

STATION: 46047

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

Month: JUN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	1.3	3.5	*	-	-	-	-	-	-	-	-	-	-	-	4.8	124
5.5 - 6.4	-	5.3	16.3	10.2	0.1	-	-	-	-	-	-	-	-	-	-	31.9	821
6.5 - 7.4	-	9.6	14.1	10.0	3.8	0.1	-	-	-	-	-	-	-	-	-	37.6	967
7.5 - 8.4	-	7.6	9.0	1.9	0.7	-	-	-	-	-	-	-	-	-	-	19.1	493
8.5 - 9.4	-	1.5	4.3	*	-	-	-	-	-	-	-	-	-	-	-	5.8	149
9.5 - 10.4	-	0.2	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	0.8	20
10.5 - 11.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	25.4	47.7	22.3	4.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	653	1227	575	118	2	0	0	0	0	0	0	0	0	0		2575

(* < 0.05%)

STATION: 46047

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	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

TOTAL %	0.0	24.6	50.3	20.3	3.1	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	636	1297	525	80	36	7	0	0	0	0	0	0	0	0		2581
(* < 0.05%)																	

STATION: 46047

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	0.3	0.6	-	-	-	-	-	-	-	-	-	-	-	-	0.9	24
5.5 - 6.4	-	1.3	5.1	2.1	-	-	-	-	-	-	-	-	-	-	-	8.5	227
6.5 - 7.4	-	1.9	10.2	7.3	3.1	0.1	-	-	-	-	-	-	-	-	-	22.6	604
7.5 - 8.4	-	1.8	11.8	7.9	3.4	0.5	*	-	-	-	-	-	-	-	-	25.3	678
8.5 - 9.4	-	2.1	6.2	5.9	4.6	0.2	-	-	-	-	-	-	-	-	-	18.8	504
9.5 - 10.4	-	1.3	3.4	4.8	2.0	0.4	*	-	-	-	-	-	-	-	-	12.0	320
10.5 - 11.4	-	0.3	2.7	2.2	1.0	0.6	-	-	-	-	-	-	-	-	-	6.8	182
11.5 - 12.4	-	-	1.4	0.5	0.2	0.3	0.2	-	-	-	-	-	-	-	-	2.6	69
12.5 - 13.4	-	-	1.4	0.1	*	-	*	-	-	-	-	-	-	-	-	1.6	43
13.5 - 14.4	-	-	-	0.3	0.1	*	-	-	-	-	-	-	-	-	-	0.4	11
14.5 - 15.4	-	-	-	0.3	0.1	-	-	-	-	-	-	-	-	-	-	0.4	10
15.5 - 16.4	-	-	-	*	0.1	-	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	0.0	8.9	42.8	31.3	14.5	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	239	1145	838	389	55	9	0	0	0	0	0	0	0	0		2675
(* < 0.05%)																	

STATION: 46047

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	0.2	0.5	*	-	-	-	-	-	-	-	-	-	-	-	0.7	23
5.5 - 6.4	-	1.4	2.8	1.6	0.1	-	-	-	-	-	-	-	-	-	-	5.9	206
6.5 - 7.4	-	1.1	4.4	2.8	2.1	0.3	-	-	-	-	-	-	-	-	-	10.8	376
7.5 - 8.4	-	1.1	8.4	5.0	3.8	2.1	0.2	-	-	-	-	-	-	-	-	20.6	719
8.5 - 9.4	-	1.3	8.1	5.2	1.3	1.4	0.1	*	-	-	-	-	-	-	-	17.6	615
9.5 - 10.4	-	2.6	7.7	5.5	2.9	1.0	0.3	*	-	-	-	-	-	-	-	20.0	698
10.5 - 11.4	-	1.3	4.9	3.2	1.8	0.7	0.3	*	-	-	-	-	-	-	-	12.4	432
11.5 - 12.4	-	0.3	3.0	1.5	0.9	0.1	0.3	*	-	-	-	-	-	-	-	6.1	212
12.5 - 13.4	-	-	1.4	1.8	0.3	0.1	-	*	-	-	-	-	-	-	-	3.6	125
13.5 - 14.4	-	-	0.5	1.1	0.3	*	-	-	-	-	-	-	-	-	-	1.9	68
14.5 - 15.4	-	-	-	0.2	0.1	-	-	-	-	-	-	-	-	-	-	0.3	12
15.5 - 16.4	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	0.0	9.5	41.7	28.0	13.7	5.8	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	331	1454	978	478	202	41	5	0	0	0	0	0	0	0		3489
(* < 0.05%)																	

STATION: 46047

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- 0.4	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	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
4.5 - 5.4	-	1.9	3.8	*	-	-	-	-	-	-	-	-	-	-	-	5.8	1775
5.5 - 6.4	-	3.6	13.2	4.9	0.1	-	-	-	-	-	-	-	-	-	-	21.7	6688
6.5 - 7.4	-	3.4	11.2	6.4	2.2	0.1	-	-	-	-	-	-	-	-	-	23.4	7197
7.5 - 8.4	-	2.5	9.1	4.8	2.2	0.6	0.1	-	-	-	-	-	-	-	-	19.2	5907
8.5 - 9.4	-	1.3	6.2	3.2	1.4	0.4	0.1	*	-	-	-	-	-	-	-	12.7	3906
9.5 - 10.4	-	0.8	3.6	2.6	1.0	0.4	0.1	*	-	-	-	-	-	-	-	8.6	2639

10.5 - 11.4	-	0.3	1.8	1.5	0.7	0.3	0.1	*	-	-	-	-	-	-	-	4.7	1459
11.5 - 12.4	-	0.1	0.7	0.9	0.3	0.1	0.1	*	-	-	-	-	-	-	-	2.2	677
12.5 - 13.4	-	-	0.4	0.5	0.2	*	*	*	-	-	-	-	-	-	-	1.2	367
13.5 - 14.4	-	-	0.1	0.2	0.1	*	*	*	-	-	-	-	-	-	-	0.5	146
14.5 - 15.4	-	-	*	0.1	*	*	*	*	-	-	-	-	-	-	-	0.1	37
15.5 - 16.4	-	-	-	*	*	*	*	*	-	-	-	-	-	-	-	0.0	9
TOTAL %	0.0	13.9	50.2	25.1	8.3	2.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	4279	15452	7745	2552	643	125	13	0	0	0	0	0	0	0		30809

(* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	0.4	0.6	*	-	-	-	-	-	-	-	-	-	-	-	1.0	88
5.5 - 6.4	-	1.0	3.9	2.4	0.1	-	-	-	-	-	-	-	-	-	-	7.3	642
6.5 - 7.4	-	1.3	6.7	4.6	1.9	0.1	-	-	-	-	-	-	-	-	-	14.6	1281
7.5 - 8.4	-	1.3	8.3	6.4	3.1	1.2	0.1	-	-	-	-	-	-	-	-	20.4	1791
8.5 - 9.4	-	1.7	7.8	5.9	2.3	0.9	0.1	*	-	-	-	-	-	-	-	18.7	1642
9.5 - 10.4	-	1.5	7.0	5.0	2.1	0.8	0.3	*	-	-	-	-	-	-	-	16.7	1464
10.5 - 11.4	-	0.8	4.4	3.0	1.5	0.5	0.4	0.1	-	-	-	-	-	-	-	10.7	939
11.5 - 12.4	-	0.2	2.0	2.0	0.9	0.3	0.2	*	-	-	-	-	-	-	-	5.6	495
12.5 - 13.4	-	-	1.1	1.3	0.6	0.1	*	*	-	-	-	-	-	-	-	3.1	273
13.5 - 14.4	-	-	0.3	0.6	0.4	0.2	-	-	-	-	-	-	-	-	-	1.5	128
14.5 - 15.4	-	-	*	0.1	*	0.1	-	*	-	-	-	-	-	-	-	0.3	27
15.5 - 16.4	-	-	-	*	-	*	*	-	-	-	-	-	-	-	-	0.1	6
TOTAL %	0.0	8.3	42.0	31.3	12.8	4.3	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	730	3686	2748	1126	380	93	13	0	0	0	0	0	0	0		8776

(* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	1.1	2.3	-	-	-	-	-	-	-	-	-	-	-	-	3.4	207
5.5 - 6.4	-	2.3	12.4	6.5	0.2	-	-	-	-	-	-	-	-	-	-	21.5	1298
6.5 - 7.4	-	2.0	11.7	11.3	4.9	0.4	-	-	-	-	-	-	-	-	-	30.3	1834
7.5 - 8.4	-	1.6	6.9	7.4	4.2	1.0	0.1	-	-	-	-	-	-	-	-	21.3	1285
8.5 - 9.4	-	1.2	5.2	3.3	1.4	0.6	0.1	-	-	-	-	-	-	-	-	11.8	711
9.5 - 10.4	-	0.4	2.7	2.5	1.2	0.4	-	-	-	-	-	-	-	-	-	7.3	440
10.5 - 11.4	-	-	0.6	1.4	0.6	0.4	-	-	-	-	-	-	-	-	-	3.1	187
11.5 - 12.4	-	-	*	0.6	0.2	*	*	-	-	-	-	-	-	-	-	0.9	54
12.5 - 13.4	-	-	-	0.2	0.2	*	-	-	-	-	-	-	-	-	-	0.4	27
13.5 - 14.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	8.7	41.9	33.4	13.0	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	524	2535	2018	783	170	16	0	0	0	0	0	0	0	0		6046

(* < 0.05%)

STATION: 46047

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	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	2
4.5 - 5.4	-	3.8	9.2	*	-	-	-	-	-	-	-	-	-	-	-	13.1	1057
5.5 - 6.4	-	5.7	24.7	8.8	*	-	-	-	-	-	-	-	-	-	-	39.2	3176
6.5 - 7.4	-	5.6	13.3	6.0	1.4	*	-	-	-	-	-	-	-	-	-	26.3	2132
7.5 - 8.4	-	4.0	8.6	1.1	0.2	-	-	-	-	-	-	-	-	-	-	14.0	1131

8.5 - 9.4	-	1.1	4.6	0.2	-	-	-	-	-	-	-	-	-	-	-	5.9	474
9.5 - 10.4	-	*	1.2	0.2	-	-	-	-	-	-	-	-	-	-	-	1.5	119
10.5 - 11.4	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
TOTAL %	0.0	20.3	61.6	16.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1642	4991	1326	138	2	0	0	0	0	0	0	0	0	0		8099

(* < 0.05%)

STATION: 46047

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

Months: SEP, OCT, NOV (Autumn)

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	2.4	3.0	*	-	-	-	-	-	-	-	-	-	-	-	5.4	423
5.5 - 6.4	-	5.3	12.2	2.4	-	-	-	-	-	-	-	-	-	-	-	19.9	1572
6.5 - 7.4	-	4.5	13.9	5.0	1.3	*	-	-	-	-	-	-	-	-	-	24.7	1950
7.5 - 8.4	-	2.8	12.1	4.8	1.6	0.2	*	-	-	-	-	-	-	-	-	21.6	1700
8.5 - 9.4	-	1.3	6.9	3.3	1.9	0.2	*	-	-	-	-	-	-	-	-	13.7	1079
9.5 - 10.4	-	1.1	2.9	2.6	0.8	0.3	*	-	-	-	-	-	-	-	-	7.8	616
10.5 - 11.4	-	0.1	1.7	1.5	0.6	0.2	*	-	-	-	-	-	-	-	-	4.1	325
11.5 - 12.4	-	-	0.6	0.7	0.2	0.1	-	-	-	-	-	-	-	-	-	1.6	128
12.5 - 13.4	-	-	0.5	0.3	*	*	*	-	-	-	-	-	-	-	-	0.8	67
13.5 - 14.4	-	-	-	0.1	*	*	*	-	-	-	-	-	-	-	-	0.2	15
14.5 - 15.4	-	-	-	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	10
15.5 - 16.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	17.5	53.8	21.0	6.4	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1383	4240	1653	505	91	16	0	0	0	0	0	0	0	0		7888

(* < 0.05%)

STATION: 46047

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

Month: JAN

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	-	-	-	-	0.6	0.5	-	-	-	-	-	-	1.1	7
5.5 - 6.4	-	-	-	-	0.2	0.6	-	-	-	0.6	0.2	-	1.5	10
6.5 - 7.4	-	-	-	0.2	0.3	1.4	0.9	0.3	0.2	0.5	1.8	0.6	6.1	40
7.5 - 8.4	-	-	-	-	-	2.4	-	0.3	1.5	1.8	6.3	0.6	13.0	85
8.5 - 9.4	-	-	-	-	-	0.3	-	-	1.8	4.3	1.7	-	8.1	53
9.5 - 10.4	-	-	-	-	-	-	-	-	0.6	2.6	6.1	-	9.3	61
10.5 - 11.4	-	-	-	-	-	-	-	-	1.1	2.6	9.3	0.3	13.3	87
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.5	5.3	18.4	0.3	-	24.5	161
13.5 - 14.4	-	-	-	-	-	-	0.6	0.2	0.2	2.7	14.6	0.2	18.4	121
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	-	-	3.8	-	3.8	25
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	0.6	0.3	-	0.9	6
TOTAL %	0.0	0.0	0.0	0.2	1.1	5.2	1.5	0.8	5.8	19.8	63.3	2.4	100.0	
TOTAL N	0	0	0	1	7	34	10	5	38	130	415	16		656

(* < 0.05%)

STATION: 46047

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

Month: FEB

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	-	-	-	-	-	0.4	-	-	-	-	-	-	0.4	2
5.5 - 6.4	-	-	-	-	-	0.4	0.6	-	-	-	-	-	0.9	5

6.5 - 7.4	-	-	-	-	-	0.6	0.4	-	-	-	0.4	-	1.3	7
7.5 - 8.4	-	-	-	-	-	0.6	1.5	-	-	0.2	0.4	-	2.6	14
8.5 - 9.4	-	-	-	-	-	-	-	0.7	-	1.3	0.9	0.2	3.2	17
9.5 - 10.4	-	-	-	-	-	-	-	-	-	1.7	1.7	0.2	3.5	19
10.5 - 11.4	-	-	-	-	-	-	-	-	-	8.3	6.7	-	15.0	81
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	10.9	12.2	-	23.2	125
13.5 - 14.4	0.2	-	-	-	-	-	-	0.2	14.3	21.3	-	-	36.0	194
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	0.2	0.4	1.1	9.8	-	11.5	62
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	0.2	-	0.2	2.0	-	2.4	13
TOTAL %	0.2	0.0	0.0	0.0	0.0	1.9	2.4	1.1	0.6	38.0	55.5	0.4	100.0	
TOTAL N	1	0	0	0	0	10	13	6	3	205	299	2		539

(* < 0.05%)

STATION: 46047

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

Month: MAR

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	-	-	-	-	-	-	-	-	-	-	-	0.5	0.5	3
5.5 - 6.4	-	-	-	-	-	-	-	-	-	1.1	2.0	-	3.1	20
6.5 - 7.4	-	-	-	-	-	-	-	-	-	0.9	1.4	-	2.3	15
7.5 - 8.4	-	-	-	-	-	-	-	-	-	2.5	0.5	-	3.0	19
8.5 - 9.4	-	-	-	-	-	-	-	-	0.3	1.9	0.2	-	2.3	15
9.5 - 10.4	-	-	-	-	-	-	-	0.2	2.2	0.9	-	-	3.3	21
10.5 - 11.4	-	-	-	-	-	-	-	0.2	3.6	3.1	-	-	6.9	44
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	1.1	11.1	8.6	0.5	-	21.2	136
13.5 - 14.4	-	-	-	-	-	-	0.8	2.3	11.4	18.6	0.2	-	33.2	213
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	0.3	1.7	16.7	-	-	18.7	120
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	0.2	5.3	-	-	5.5	35
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	4.1	30.4	59.6	5.1	100.0	
TOTAL N	0	0	0	0	0	0	0	5	26	195	382	33		641

(* < 0.05%)

STATION: 46047

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

Month: APR

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	-	-	-	-	-	-	-	-	-	0.2	-	-	0.2	1
5.5 - 6.4	-	-	-	-	-	-	-	-	-	2.2	0.4	-	2.5	14
6.5 - 7.4	-	-	-	-	-	-	-	-	-	6.7	0.5	-	7.2	40
7.5 - 8.4	-	-	-	-	-	-	-	-	-	8.7	0.5	-	9.2	51
8.5 - 9.4	-	-	-	-	-	-	-	-	-	6.7	0.2	-	6.9	38
9.5 - 10.4	-	-	-	-	-	-	-	-	0.2	8.2	-	-	8.3	46
10.5 - 11.4	-	-	-	-	-	-	-	-	0.4	9.6	-	-	10.0	55
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	1.1	12.5	-	-	13.6	75
13.5 - 14.4	-	-	-	-	-	-	0.2	-	4.2	21.7	0.2	-	26.3	145
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	0.2	0.4	-	0.7	10.5	-	-	11.8	65
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	4.0	-	-	4.0	22
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	6.5	90.9	1.8	100.0	
TOTAL N	0	0	0	0	0	0	1	3	0	36	502	10		552

(* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
5.5 - 6.4	-	-	-	-	-	-	-	-	-	0.7	0.5	1.2	7	
6.5 - 7.4	-	-	-	-	-	-	-	-	-	3.7	-	3.7	22	
7.5 - 8.4	-	-	-	-	-	-	-	0.7	2.0	4.5	0.2	7.4	44	
8.5 - 9.4	0.2	-	-	-	-	-	-	-	2.5	4.4	0.3	7.4	44	
9.5 - 10.4	-	-	-	-	-	-	-	-	3.5	10.1	0.3	13.9	83	
10.5 - 11.4	0.2	-	-	-	-	-	-	0.3	2.9	8.7	0.3	12.4	74	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
12.5 - 13.4	-	-	-	-	-	-	0.2	1.5	1.3	6.9	11.7	21.6	129	
13.5 - 14.4	-	-	-	-	-	2.3	7.4	6.2	0.8	2.7	6.0	25.5	152	
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
16.5 - 17.4	-	-	-	-	-	1.2	1.8	0.2	0.2	0.3	2.3	6.0	36	
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
19.5 - 20.4	-	-	-	-	-	-	-	-	-	0.8	-	0.8	5	
TOTAL %	0.3	0.0	0.0	0.0	0.0	3.5	9.4	7.9	3.4	20.8	53.0	1.7	100.0	
TOTAL N	2	0	0	0	0	21	56	47	20	124	316	10	596	

(* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.2	-	0.2	1	
5.5 - 6.4	-	-	-	-	-	-	-	-	-	0.9	0.2	1.1	6	
6.5 - 7.4	-	-	-	-	-	-	-	-	-	6.1	-	6.1	34	
7.5 - 8.4	-	-	-	-	-	-	-	-	0.2	14.7	0.7	15.6	87	
8.5 - 9.4	-	-	-	-	-	-	-	-	0.7	24.4	2.9	28.0	156	
9.5 - 10.4	-	-	-	-	-	-	-	-	1.8	16.7	4.3	22.8	127	
10.5 - 11.4	-	-	-	-	-	-	-	-	0.9	3.2	-	4.1	23	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
12.5 - 13.4	-	-	-	-	-	-	0.7	-	-	0.5	0.4	1.6	9	
13.5 - 14.4	0.2	-	-	-	-	-	12.2	1.6	-	-	-	14.0	78	
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
16.5 - 17.4	-	-	-	-	-	-	1.4	4.5	-	-	-	5.9	33	
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
19.5 - 20.4	-	-	-	-	-	-	0.2	0.4	-	-	-	0.5	3	
TOTAL %	0.2	0.0	0.0	0.0	0.0	0.0	14.5	6.5	0.0	4.1	66.6	8.1	100.0	
TOTAL N	1	0	0	0	0	0	81	36	0	23	371	45	557	

(* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
6.5 - 7.4	-	-	-	-	-	-	-	-	-	0.7	0.2	0.8	5	
7.5 - 8.4	-	-	-	-	-	-	-	-	-	9.4	8.1	17.5	106	
8.5 - 9.4	0.2	-	-	-	-	-	-	-	-	15.3	4.1	19.6	119	

9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	23.3	2.8	26.1	158
10.5 - 11.4	-	-	-	-	-	-	-	0.3	0.3	1.0	10.1	1.3	13.0	79
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.8	-	0.5	-	0.2	-	1.5	9
13.5 - 14.4	-	-	-	-	-	-	3.1	0.7	-	-	-	-	3.8	23
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.2	-	-	-	-	-	8.4	7.4	-	-	-	-	16.0	97
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	0.2	-	-	-	-	-	0.8	0.7	-	-	-	-	1.7	10
TOTAL %	0.5	0.0	0.0	0.0	0.0	0.0	13.2	9.1	0.8	1.0	58.9	16.5	100.0	
TOTAL N	3	0	0	0	0	0	80	55	5	6	357	100		606

(* < 0.05%)

STATION: 46047

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

Month: AUG

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	-	-	-	-	-	-	-	-	-	-	3.3	0.5	3.9	30
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	4.9	9.0	13.9	108
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	1.9	5.5	7.4	58
7.5 - 8.4	-	-	-	-	-	-	-	-	-	0.3	5.1	2.1	7.4	58
8.5 - 9.4	-	-	-	-	-	-	-	-	-	-	16.2	2.2	18.4	143
9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	10.1	1.3	11.4	89
10.5 - 11.4	-	-	-	-	-	-	0.1	-	-	0.4	3.9	0.1	4.5	35
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	0.3	0.5	0.9	0.9	0.1	0.3	-	3.0	23
13.5 - 14.4	-	-	-	-	-	0.8	11.6	1.7	-	-	-	-	14.0	109
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	2.1	7.3	6.3	0.4	-	-	-	16.0	125
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	0.1	-	-	-	-	0.1	1
TOTAL %	0.0	0.0	0.0	0.0	0.0	3.1	19.5	9.0	1.3	0.8	45.7	20.7	100.0	
TOTAL N	0	0	0	0	0	24	152	70	10	6	356	161		779

(* < 0.05%)

STATION: 46047

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

Month: SEP

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	-	-	-	-	-	-	-	-	-	-	1.6	0.5	2.1	13
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	4.3	8.3	12.6	79
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	2.6	8.0	10.5	66
7.5 - 8.4	-	-	-	-	-	-	-	-	0.2	0.5	8.6	5.6	14.9	93
8.5 - 9.4	-	-	-	-	-	0.2	0.2	-	0.2	0.8	6.1	0.6	8.0	50
9.5 - 10.4	0.2	-	-	-	-	1.9	1.9	3.8	0.8	0.2	9.1	1.4	19.3	121
10.5 - 11.4	0.2	-	-	-	-	2.1	1.6	1.6	0.6	0.2	7.3	1.1	14.7	92
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	1.6	0.6	0.2	-	0.3	3.0	0.2	5.9	37
13.5 - 14.4	-	-	-	-	-	-	1.6	2.6	0.6	2.4	0.8	-	8.0	50
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	0.2	0.6	0.2	0.3	0.3	-	1.6	10
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	0.2	2.1	0.2	-	-	-	2.4	15
TOTAL %	0.3	0.0	0.0	0.0	0.0	5.8	6.2	10.9	2.7	4.6	43.8	25.7	100.0	
TOTAL N	2	0	0	0	0	36	39	68	17	29	274	161		626

(* < 0.05%)

18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	-	-	-	-	-	0.1	0.3	*	*	1.4	*	-	2.0	119
TOTAL %	0.1	0.0	0.0	0.0	0.1	2.1	7.4	5.1	2.1	13.2	59.9	9.9	100.0		
TOTAL N	9	0	0	1	7	125	443	307	129	793	3609	599		6022	

(* < 0.05%)

STATION: 46047

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

Months: DEC, JAN, FEB (Winter)

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	0.4	-	-	-	-	-	-	-	0.8	9
5.5 - 6.4	-	-	-	-	0.1	0.5	0.3	-	-	-	0.3	0.1	-	1.3	15
6.5 - 7.4	-	-	-	0.1	0.2	1.0	0.7	0.2	0.1	0.3	1.2	0.3	-	3.9	47
7.5 - 8.4	-	-	-	-	-	1.6	0.7	0.2	0.8	1.1	3.6	0.3	-	8.3	99
8.5 - 9.4	-	-	-	-	-	0.2	-	0.3	1.0	2.9	1.3	0.1	-	5.9	70
9.5 - 10.4	-	-	-	-	-	-	-	-	0.3	2.2	4.1	0.1	-	6.7	80
10.5 - 11.4	-	-	-	-	-	-	-	-	0.6	5.2	8.1	0.2	-	14.1	168
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	0.3	7.9	15.6	0.2	-	23.9	286
13.5 - 14.4	0.1	-	-	-	-	-	0.3	0.1	0.2	7.9	17.7	0.1	-	26.4	315
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	0.1	0.2	0.5	6.5	-	-	7.3	87
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	0.1	-	0.1	1.3	0.2	-	1.6	19
TOTAL %	0.1	0.0	0.0	0.1	0.6	3.7	1.9	0.9	3.4	28.0	59.7	1.5	100.0		
TOTAL N	1	0	0	1	7	44	23	11	41	335	714	18		1195	

(* < 0.05%)

STATION: 46047

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

Months: MAR, APR, MAY (Spring)

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	-	-	-	-	-	-	-	-	-	-	0.1	0.2	-	0.2	4
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	1.3	1.0	-	2.3	41
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	3.6	0.7	-	4.3	77
7.5 - 8.4	-	-	-	-	-	-	-	-	0.2	0.7	5.1	0.4	-	6.4	114
8.5 - 9.4	0.1	-	-	-	-	-	-	-	-	1.0	4.2	0.2	-	5.4	97
9.5 - 10.4	-	-	-	-	-	-	-	-	0.1	2.0	6.2	0.1	-	8.4	150
10.5 - 11.4	0.1	-	-	-	-	-	-	-	0.2	2.3	7.0	0.1	-	9.7	173
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.1	0.5	0.8	6.6	10.8	0.2	-	19.0	340
13.5 - 14.4	-	-	-	-	-	0.8	2.5	2.4	1.1	6.3	15.4	0.1	-	28.5	510
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	0.4	0.7	0.2	0.2	1.0	10.0	-	-	12.4	221
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	0.1	3.4	-	-	3.5	62
TOTAL %	0.1	0.0	0.0	0.0	0.0	1.2	3.2	3.1	2.6	19.8	67.1	3.0	100.0		
TOTAL N	2	0	0	0	0	21	57	55	46	355	1200	53		1789	

(* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	1.4	0.2	-	1.6	31

5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	2.2	3.7	5.9	114
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	2.7	2.3	5.0	97
7.5 - 8.4	-	-	-	-	-	-	-	-	-	0.2	9.2	3.6	12.9	251
8.5 - 9.4	0.1	-	-	-	-	-	-	-	-	0.2	18.3	3.0	21.5	418
9.5 - 10.4	-	-	-	-	-	-	-	-	-	0.5	16.1	2.6	19.3	374
10.5 - 11.4	-	-	-	-	-	0.1	0.1	0.1	0.7	5.6	0.5	7.1	137	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	0.1	0.7	0.4	0.5	0.2	0.3	-	2.1	41
13.5 - 14.4	0.1	-	-	-	-	0.3	9.1	1.3	-	-	-	-	10.8	210
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.1	-	-	-	-	0.8	6.0	6.1	0.2	-	-	-	13.1	255
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	0.1	-	-	-	-	-	0.3	0.4	-	-	-	-	0.7	14
TOTAL %	0.2	0.0	0.0	0.0	0.0	1.2	16.1	8.3	0.8	1.8	55.8	15.8	100.0	
TOTAL N	4	0	0	0	0	24	313	161	15	35	1084	306		1942

(* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	1.4	0.3	1.6	18
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	3.0	6.1	9.1	100
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	2.6	6.6	9.1	100
7.5 - 8.4	-	-	-	-	-	-	-	0.1	0.4	6.6	3.5	10.5	115	
8.5 - 9.4	-	-	-	-	-	0.1	0.2	0.1	0.5	5.5	0.9	7.3	80	
9.5 - 10.4	0.1	-	-	-	-	1.1	1.1	2.2	0.5	0.2	6.3	1.1	12.5	137
10.5 - 11.4	0.1	-	-	-	-	1.2	0.9	1.4	1.0	0.7	7.6	1.2	14.1	154
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	0.9	0.4	0.1	0.2	1.7	10.1	0.4	13.8	151
13.5 - 14.4	-	-	-	-	-	-	1.8	2.1	0.5	2.5	9.7	0.2	16.7	183
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	0.1	0.4	0.1	0.2	2.4	-	3.1	34
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	0.1	1.2	0.1	-	0.7	0.1	2.2	24
TOTAL %	0.2	0.0	0.0	0.0	0.0	3.3	4.6	7.3	2.5	6.2	55.7	20.3	100.0	
TOTAL N	2	0	0	0	0	36	50	80	27	68	611	222		1096

(* < 0.05%)

STATION: 46047

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	-	-	-	-	0.5	0.3	0.6	0.2	0.5	0.8	12.5	0.5	15.7	103
1.5 - 2.4	-	-	-	-	0.2	3.2	0.9	0.6	4.4	9.9	36.3	0.9	56.4	370
2.5 - 3.4	-	-	-	0.2	0.5	1.7	-	-	0.2	5.8	13.1	0.8	22.1	145
3.5 - 4.4	-	-	-	-	-	-	-	-	0.8	3.0	1.4	0.3	5.5	36
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.3	-	-	0.3	2
TOTAL %	0.0	0.0	0.0	0.2	1.1	5.2	1.5	0.8	5.8	19.8	63.3	2.4	100.0	
TOTAL N	0	0	0	1	7	34	10	5	38	130	415	16		656

(* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	6.7	0.6	-	7.2	39
1.5 - 2.4	0.2	-	-	-	-	0.7	0.4	0.4	0.4	15.2	24.5	0.4	42.1	227
2.5 - 3.4	-	-	-	-	-	1.1	2.0	0.7	0.2	11.5	27.1	-	42.7	230
3.5 - 4.4	-	-	-	-	-	-	-	-	-	4.6	3.3	-	8.0	43
TOTAL %	0.2	0.0	0.0	0.0	0.0	1.9	2.4	1.1	0.6	38.0	55.5	0.4	100.0	

TOTAL N 1 0 0 0 0 10 13 6 3 205 299 2 539
 (* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	0.3	1.4	10.5	0.8	0.8	13.7	88
1.5 - 2.4	-	-	-	-	-	-	-	-	0.9	11.2	17.8	2.7	32.6	209
2.5 - 3.4	-	-	-	-	-	-	-	0.3	1.6	7.3	32.6	1.7	43.5	279
3.5 - 4.4	-	-	-	-	-	-	-	0.2	0.2	1.4	8.3	-	10.0	64
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	0.2	-	0.2	1
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	4.1	30.4	59.6	5.1	100.0	
TOTAL N	0	0	0	0	0	0	0	5	26	195	382	33		641

(* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	0.2	-	2.7	16.3	0.9	20.1	111
2.5 - 3.4	-	-	-	-	-	-	0.2	0.4	-	2.9	38.6	0.2	42.2	233
3.5 - 4.4	-	-	-	-	-	-	-	-	-	0.9	32.4	0.5	33.9	187
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	3.1	-	3.1	17
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	0.5	0.2	0.7	4
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	6.5	90.9	1.8	100.0	
TOTAL N	0	0	0	0	0	0	1	3	0	36	502	10		552

(* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	0.2	-	-	-	-	3.5	6.0	7.0	2.0	5.7	1.7	-	26.2	156
1.5 - 2.4	-	-	-	-	-	-	3.4	0.8	1.3	14.8	27.2	0.7	48.2	287
2.5 - 3.4	0.2	-	-	-	-	-	-	-	-	0.3	15.4	0.3	16.3	97
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	3.9	0.5	4.4	26
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	4.4	0.2	4.5	27
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	0.5	-	0.5	3
TOTAL %	0.3	0.0	0.0	0.0	0.0	3.5	9.4	7.9	3.4	20.8	53.0	1.7	100.0	
TOTAL N	2	0	0	0	0	21	56	47	20	124	316	10		596

(* < 0.05%)

STATION: 46047

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

Month: JUN

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	0.2	-	-	-	-	-	10.6	5.0	-	2.3	5.2	-	23.3	130
1.5 - 2.4	-	-	-	-	-	-	3.9	1.4	-	1.8	34.6	1.6	43.4	242
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	21.7	3.8	25.5	142
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	5.0	2.3	7.4	41
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	-	0.4	0.4	2
TOTAL %	0.2	0.0	0.0	0.0	0.0	0.0	14.5	6.5	0.0	4.1	66.6	8.1	100.0	
TOTAL N	1	0	0	0	0	0	81	36	0	23	371	45		557

(* < 0.05%)

STATION: 46047

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

Month: JUL

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	0.2	-	-	-	-	-	6.1	1.3	-	0.2	6.1	0.2	14.0	85
1.5 - 2.4	0.3	-	-	-	-	-	7.1	7.8	0.8	0.8	45.5	8.3	70.6	428
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	7.3	8.1	15.3	93
TOTAL %	0.5	0.0	0.0	0.0	0.0	0.0	13.2	9.1	0.8	1.0	58.9	16.5	100.0	
TOTAL N	3	0	0	0	0	0	80	55	5	6	357	100		606

(* < 0.05%)

STATION: 46047

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

Month: AUG

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	-	-	-	-	-	1.5	11.4	5.1	0.6	-	18.5	1.8	39.0	304
1.5 - 2.4	-	-	-	-	-	1.3	8.1	3.9	0.6	0.8	23.1	16.8	54.6	425
2.5 - 3.4	-	-	-	-	-	0.3	-	-	-	-	4.1	2.1	6.4	50
TOTAL %	0.0	0.0	0.0	0.0	0.0	3.1	19.5	9.0	1.3	0.8	45.7	20.7	100.0	
TOTAL N	0	0	0	0	0	24	152	70	10	6	356	161		779

(* < 0.05%)

STATION: 46047

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

Month: SEP

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	-	-	-	-	-	-	0.8	4.6	0.8	0.3	5.8	3.4	15.7	98
1.5 - 2.4	0.3	-	-	-	-	5.8	5.4	6.2	1.9	4.3	34.3	19.3	77.6	486
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	3.7	3.0	6.7	42
TOTAL %	0.3	0.0	0.0	0.0	0.0	5.8	6.2	10.9	2.7	4.6	43.8	25.7	100.0	
TOTAL N	2	0	0	0	0	36	39	68	17	29	274	161		626

(* < 0.05%)

STATION: 46047

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

Month: OCT

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	-	-	-	-	-	-	1.9	1.9	0.2	4.7	20.7	2.1	31.6	148
1.5 - 2.4	-	-	-	-	-	-	0.4	0.6	1.7	3.2	31.3	9.6	46.9	220
2.5 - 3.4	-	-	-	-	-	-	-	-	0.2	0.4	19.0	1.1	20.7	97
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	0.6	0.2	0.9	4
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.6	2.1	8.3	71.6	13.0	100.0	
TOTAL N	0	0	0	0	0	0	11	12	10	39	336	61		469

(* < 0.05%)

STATION: 46047

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

Month: NOV

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	100.0	-	100.0	1
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	100.0	
TOTAL N	0	0	0	0	0	0	0	0	0	0	1	0		1

(* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	*	-	-	-	*	0.6	4.0	2.6	0.6	3.0	7.4	0.9	19.1	1151

1.5 - 2.4	0.1	-	-	-	*	1.2	3.2	2.3	1.2	6.4	29.0	6.5	49.9	3005
2.5 - 3.4	*	-	-	*	*	0.3	0.2	0.1	0.2	2.8	17.5	2.1	23.4	1408
3.5 - 4.4	-	-	-	-	-	-	-	*	0.1	1.0	5.2	0.4	6.7	402
4.5 - 5.4	-	-	-	-	-	-	-	-	-	*	0.7	*	0.8	49
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	0.1	*	0.1	7
TOTAL %	0.1	0.0	0.0	0.0	0.1	2.1	7.4	5.1	2.1	13.2	59.9	9.9	100.0	
TOTAL N	9	0	0	1	7	125	443	307	129	793	3609	599		6022

(* < 0.05%)

STATION: 46047

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	0
0.5 - 1.4	-	-	-	-	0.3	0.2	0.3	0.1	0.3	3.4	7.1	0.3	11.9	142
1.5 - 2.4	0.1	-	-	-	0.1	2.1	0.7	0.5	2.6	12.3	31.0	0.7	50.0	597
2.5 - 3.4	-	-	-	0.1	0.3	1.4	0.9	0.3	0.2	8.4	19.4	0.4	31.4	375
3.5 - 4.4	-	-	-	-	-	-	-	-	0.4	3.8	2.3	0.2	6.6	79
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.2	-	-	0.2	2
TOTAL %	0.1	0.0	0.0	0.1	0.6	3.7	1.9	0.9	3.4	28.0	59.7	1.5	100.0	
TOTAL N	1	0	0	1	7	44	23	11	41	335	714	18		1195

(* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	0.1	-	-	-	-	1.2	2.0	2.5	1.2	5.6	0.8	0.3	13.6	244
1.5 - 2.4	-	-	-	-	-	-	1.1	0.3	0.8	9.8	20.5	1.5	33.9	607
2.5 - 3.4	0.1	-	-	-	-	-	0.1	0.2	0.6	3.6	28.7	0.8	34.0	609
3.5 - 4.4	-	-	-	-	-	-	-	0.1	0.1	0.8	14.3	0.3	15.5	277
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	2.5	0.1	2.5	45
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	0.3	0.1	0.4	7
TOTAL %	0.1	0.0	0.0	0.0	0.0	1.2	3.2	3.1	2.6	19.8	67.1	3.0	100.0	
TOTAL N	2	0	0	0	0	21	57	55	46	355	1200	53		1789

(* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	0.1	-	-	-	-	0.6	9.5	3.9	0.3	0.7	10.8	0.8	26.7	519
1.5 - 2.4	0.1	-	-	-	-	0.5	6.6	4.4	0.5	1.1	33.4	9.8	56.4	1095
2.5 - 3.4	-	-	-	-	-	0.1	-	-	-	-	10.1	4.4	14.7	285
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	1.4	0.7	2.1	41
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	2
TOTAL %	0.2	0.0	0.0	0.0	0.0	1.2	16.1	8.3	0.8	1.8	55.8	15.8	100.0	
TOTAL N	4	0	0	0	0	24	313	161	15	35	1084	306		1942

(* < 0.05%)

STATION: 46047

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	1.3	3.5	0.5	2.2	12.1	2.8	22.4	246
1.5 - 2.4	0.2	-	-	-	-	3.3	3.3	3.8	1.8	3.8	33.0	15.1	64.4	706
2.5 - 3.4	-	-	-	-	-	-	-	-	0.1	0.2	10.2	2.2	12.7	139
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	0.4	0.1	0.5	5
TOTAL %	0.2	0.0	0.0	0.0	0.0	3.3	4.6	7.3	2.5	6.2	55.7	20.3	100.0	
TOTAL N	2	0	0	0	0	36	50	80	27	68	611	222		1096

(* < 0.05%)

Summary complete: 09-Sep-2003 05:50:48