

MEAN	5.2	4.5	4.3	5.1	7.4	11.0	13.3	13.9	12.3	9.5	7.7	6.3	8.7
S.D.	0.9	0.8	0.8	0.8	1.2	1.5	0.9	0.9	1.0	0.9	0.9	0.8	3.6
TOTAL	7271	6153	6525	6116	8044	8477	8984	9027	6977	6582	6306	7868	88330
MAX	7.1	6.9	6.5	7.7	11.7	15.6	16.5	16.7	14.6	12.4	10.0	8.4	16.7
DATE	1998011423	1998022308	1998032420	1998042509	1996052902	2001063005	2001070105	1997080802	1997090506	1997100108	1997110402	1998120107	1997080802
MIN	0.5	1.8	1.9	3.4	5.1	7.1	10.4	11.4	9.5	5.8	4.2	2.9	0.5
DATE	1996010815	1996022609	1999031123	1999040609	1996050716	1995061014	1995070120	1996080123	2000093018	1999103004	1999113004	1998123116	1996010815

(* < 0.05% , # = 100.0%)

STATION: 46061

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (5/1995 - 12/2001) (66135 RECORDS, 73.4% 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		
9	-	-	-	-	-	-	-	-	-	-	3	#	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	
8	-	-	-	-	-	-	-	-	-	-	4	999	1	#	-	-	-	-	-	-	-	-	-	-	-	5	999	
7	-	-	-	-	-	-	-	-	-	-	5	999	1	999	-	-	-	-	-	-	-	-	-	-	-	6	999	
6	-	-	-	-	-	-	-	-	-	-	7	998	7	999	-	-	-	-	-	-	-	-	-	-	-	14	999	
5	-	-	-	-	-	-	1	#	5	#	61	997	11	999	9	#	-	-	-	-	-	-	-	-	-	87	999	
4	-	-	-	-	-	-	5	999	25	999	104	987	40	997	10	998	6	#	-	-	-	-	-	-	-	190	998	
3	7	#	15	#	9	#	32	999	113	995	102	971	76	990	16	996	49	999	-	-	-	-	-	4	#	423	995	
2	47	999	72	998	36	998	78	991	315	976	300	955	101	978	67	993	42	988	1	#	12	#	30	999	1101	989		
1	206	991	403	986	278	990	587	973	661	922	878	908	437	962	244	981	210	980	130	999	70	998	150	995	4254	972		
0	455	958	858	920	797	931	832	835	1546	810	1792	770	2039	892	1596	934	1231	936	264	974	235	983	518	971	12163	908		
-1	880	884	1487	781	1108	759	1131	640	2036	547	2192	489	2697	565	2403	630	2020	678	981	922	751	935	730	890	18416	724		
-2	847	741	1213	539	1042	521	952	375	934	202	792	145	680	132	760	173	943	254	1328	730	1040	783	779	776	11310	446		
-3	785	604	807	342	644	296	398	152	201	43	121	21	136	23	123	28	225	56	1082	469	1025	571	869	653	6416	275		
-4	785	476	368	211	274	158	176	59	38	9	10	2	8	1	20	4	34	9	566	257	854	362	770	517	3903	178		
-5	640	349	177	151	199	99	60	18	11	3	2	*	-	-	3	1	9	2	354	146	444	189	772	397	2671	119		
-6	566	245	94	122	135	56	11	4	4	1	-	-	-	-	-	-	-	-	193	76	209	98	607	276	1819	78		
-7	429	153	129	107	63	27	5	1	-	-	-	-	-	-	-	-	-	-	137	38	160	56	421	180	1344	51		
-8	296	84	154	86	40	14	-	-	-	-	-	-	-	-	-	-	-	-	53	11	41	23	341	114	925	30		
-9	102	36	114	61	20	5	-	-	-	-	-	-	-	-	-	-	-	-	4	1	43	15	204	61	487	16		
-10	54	19	100	42	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	6	142	29	323	9		
-11	21	10	40	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	28	7	94	4		
-12	9	7	18	20	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	-	-	15	2	43	3
-13	23	5	14	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	2	
-14	10	2	53	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	2	
-15	-	-	36	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	1	
-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	1	*	
-21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	-	1	*	
MEAN	-3.5		-2.4		-1.8		-1.0		-0.5		-0.2		-0.5		-0.7		-0.9		-2.6		-3.0		-3.8		-1.8			
S.D.	2.7		3.0		1.9		1.5		1.3		1.4		1.1		0.9		1.0		1.8		1.9		2.8		2.3			
TOTAL	6162		6152		4648		4268		5889		6373		6234		5251		4770		5094		4914		6380		66135			
MAX	2.7		3.1		3.1		4.6		5.3		8.7		8.4		4.9		3.8		1.5		2.0		3.0		8.7			
DATE	1997012920	1998020201	1996032802	1996042221	1996050503	1995061106	1999070407	2001082207	1997091404	2000100600	1998110413	2001122917	1995061106															
MIN	-13.9		-15.4		-9.7		-7.4		-6.2		-5.0		-3.8		-4.8		-11.9		-20.9		-19.9		-12.0		-20.9			
DATE	1999013018	1999020405	1999030901	1996040217	2001050416	1996061120	1995070521	1998082808	1998091101	1998101606	1998110208	1997123017	1998101606															

(* < 0.05% , # = 100.0%)

STATION: 46061

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (5/1995 - 12/2001) (86056 RECORDS, 95.4% 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	
1053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
1052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	#	34	#
1051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	996	14	999	
1050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	994	9	999	
1049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	993	13	999	
1048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	991	9	999	
1047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	990	8	999	
1046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	989	12	999	
1045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	987	8	999	
1044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	986	6	999	
1043	-	-	-	-	3	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	986	12	999	
1042	-	-	-	-	20	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	984	25	999	
1041	-	-	-	-	8	996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	984	14	998	

956	-	-	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	*
955	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	1002.3	999.0	1007.3	1007.3	1013.3	1014.1	1015.4	1011.9	1007.4	1002.4	1002.0	1000.1	1007.3							
S.D.	14.5	15.0	13.7	10.4	8.7	7.0	6.4	7.9	10.5	10.7	13.5	16.5	12.8							
TOTAL	7265	6154	6131	5614	7312	7862	8962	9007	6988	6583	6309	7869	86056							
MAX	1032.8	1032.9	1042.7	1033.5	1033.8	1033.9	1032.0	1032.1	1029.1	1031.5	1031.7	1052.4	1052.4							
DATE	1996013023	1996022922	1997031321	1997040922	1996051020	1995062723	1996072320	2001080817	2000092023	1996102904	1996111508	1998121821	1998121821							
MIN	961.2	955.6	978.4	978.5	988.6	997.0	993.0	985.3	958.3	969.9	959.8	958.5	955.6							
DATE	1999011322	1999020604	1998032514	1996040514	1999050211	1996062714	1995072517	1998082900	1999092218	1997102922	1997112705	1996120402	1999020604							

STATION: 46061

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (5/1995 - 12/2001) (88568 RECORDS, 98.2% 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	
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	1	#
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	-	-	-	-	-	-	1	#	4	999
49	1	#	-	-	-	-	-	-	-	-	-	-	-	-	3	999	-	-	-	-	-	-	1	999	5	999	
48	5	999	-	-	-	-	-	-	-	-	-	-	-	1	#	5	999	1	#	1	#	2	999	15	999		
47	2	999	-	-	-	-	-	-	-	-	-	-	-	-	2	998	-	-	-	-	-	-	2	999	6	999	
46	2	999	-	-	-	-	-	-	-	-	-	-	-	2	999	1	998	-	-	-	-	-	3	999	8	999	
45	8	999	-	-	-	-	-	-	-	-	-	-	-	-	3	998	-	-	-	-	-	-	2	999	13	999	
44	6	998	1	#	-	-	-	-	-	-	-	-	-	4	999	5	997	3	999	2	999	5	999	26	999		
43	4	997	1	999	-	-	-	-	-	-	-	-	-	1	999	6	997	2	999	-	-	6	998	20	999		
42	6	996	1	999	-	-	-	-	-	-	-	-	-	1	999	2	996	2	999	2	999	5	997	19	999		
41	3	995	4	999	-	-	-	-	-	-	-	-	-	-	3	996	1	999	7	999	7	997	25	999			
40	5	995	5	999	2	#	1	#	-	-	-	-	-	1	999	8	995	-	-	12	998	15	996	49	998		
39	10	994	11	998	3	999	3	999	-	-	-	-	-	1	999	5	994	2	999	14	996	18	994	67	998		
38	14	993	14	996	5	999	3	999	2	#	-	-	-	-	19	993	4	998	21	994	21	994	21	991	103	997	
37	15	991	18	994	8	998	3	999	3	999	-	-	-	3	999	13	991	6	998	25	991	28	999	122	996		
36	26	989	20	991	11	997	5	998	3	999	1	#	-	2	998	7	989	12	997	24	987	32	985	143	995		
35	27	985	27	988	7	996	13	998	10	999	-	-	-	3	998	19	988	14	995	34	983	42	981	196	993		
34	28	982	46	983	15	994	25	996	17	998	2	#	1	998	19	985	22	993	34	978	48	976	259	991			
33	53	978	45	976	35	992	38	992	30	996	2	999	3	999	3	998	38	982	24	990	39	972	76	970	386	988	
32	64	970	51	969	41	987	38	986	34	992	2	999	3	999	5	997	30	977	41	986	58	966	95	960	462	983	
31	73	962	62	960	60	981	51	980	26	988	3	999	2	999	5	997	18	972	55	980	63	957	99	948	517	978	
30	80	952	89	950	65	971	51	972	34	984	4	999	10	999	8	996	24	970	61	971	64	947	84	935	574	972	
29	91	941	103	936	48	961	49	964	32	980	8	998	11	998	20	995	45	966	66	962	62	937	107	924	642	966	
28	99	928	122	919	67	954	69	956	39	976	9	997	13	997	28	993	39	960	71	952	89	927	131	911	776	959	
27	110	914	121	899	64	944	80	945	46	971	24	996	10	995	41	990	51	954	74	941	94	913	175	894	890	950	
26	167	899	172	880	113	934	136	932	61	966	24	994	7	994	61	986	88	947	124	930	100	898	221	872	1274	940	
25	149	876	137	852	98	917	126	911	63	958	28	991	35	993	68	979	83	935	112	911	108	882	200	844	1207	925	
24	170	856	163	829	103	902	113	891	86	950	26	987	52	989	92	971	88	923	137	894	107	865	223	818	1360	912	
23	176	833	173	803	119	886	145	873	89	940	35	984	46	984	100	961	95	910	128	873	118	848	201	790	1425	896	
22	200	808	194	775	153	868	149	850	104	928	50	980	75	978	121	950	98	896	173	854	137	829	216	764	1670	880	
21	230	781	179	743	151	844	133	827	89	916	61	974	79	970	149	937	123	882	213	828	164	808	215	736	1786	862	
20	277	749	244	714	192	821	172	806	112	904	65	967	107	961	133	920	144	865	213	795	183	782	269	709	2111	841	
19	322	711	314	675	232	792	221	779	137	890	97	959	130	949	184	905	172	844	276	763	276	753	355	675	2716	818	
18	296	667	301	624	222	756	184	744	157	873	105	948	146	935	130	885	189	820	278	721	236	709	324	629	2568	787	
17	305	626	262	575	277	722	209	715	178	854	131	936	199	919	158	871	234	792	300	679	265	671	323	588	2841	758	
16	312	584	261	532	257	680	211	682	179	832	182	920	244	897	160	853	230	759	361	633	307	629	389	547	3093	726	
15	374	541	282	490	265	640	270	649	247	809	241	899	228	870	214	836	303	726	361	578	308	581	390	497	3483	691	
14	394	490	280	444	304	600	279	606	285	779	247	870	278	844	275	812	308	683	358	524	310	532	379	447	3697	652	
13	450	436	266	398	329	553	334	562	288	743	266	841	310	813	324	781	356	638	388	469	326	483	349	399	3986	610	
12	445	374	313	355	346	503	393	510	420	707	386	810	361	779	492	746	477	587	485	410	381	431	397	354	4896	565	
11	331	313	281	304	304	450	349	448	433	655	368	764	374	739	452	691	398	519	351	337	338	371	342	304	4321	510	
10	329	267	266	259	285	403	340	393	424	601	447	721	394	697	473	641	393	462	385	283	319	317	333	260	4388	461	
9	279	222	222	215	286	359	353	339	410	549	499	668	492	653	584	589	367	406	321	225	317	267	333	218	4463	411	
8	300	183	218	179	292	316	295	284	430	498	571	609	600	599	644	524	418	353	234	176	346	217	277	175	4625	361	
7	254	142	184	144	290	271	288	237	520	444	640	542	699	532	676	453	363	293	205	141	280	162	254	140	4653	309	
6	197	107	180	114	279	226	222	192	560	379	635	466	792	454	643	378	357	241	190	110	198	118	238	107	4491	256	
5	212	80	195	85	342	184	284	157	639	310	813	392	946	366	802	307	407	190	189	81	192	86	250	77	5271	205	
4	131	51	137	53	276	131	237	112	535	230	747	296	737	261	602	218	316	132	132	52	159	56	145	45	4154	146	
3	110	33	88	31	286	89	225	75	523	164	673	208	704	179	566	152	251	87	110	32	108	31	112	27	3756	99	
2	86	18	69	17	147	45	152	39	434	98	563	128	487	101	431	89	194	51	58	15	55	13	66	12	2742	57	
1	36	6	29	5	104	23	67	15	245	44	388	62	319	47	242	41	115	23	33	7	24	5	27	4	1629	26	
0	8	1	4	1	43	7	31	5	112	14	136</																

STATION: 46061

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: (5/1995 - 12/2001) (88479 RECORDS, 98.1% 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		
69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
68	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	2	#
67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	1	999
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
65	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	-	-	-	1	#	3	999
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	1	999	2	999
61	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	-	-	-	-	-	-	2	999	9	999
60	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	-	-	-	3	999	7	999
59	2	999	-	-	-	-	-	-	-	-	-	-	-	-	1	#	3	998	-	-	-	-	-	-	2	999	8	999
58	3	999	-	-	-	-	-	-	-	-	-	-	-	-	1	999	4	998	1	#	1	#	1	#	1	999	11	999
57	3	998	-	-	-	-	-	-	-	-	-	-	-	-	1	999	3	997	1	999	1	999	6	999	6	999	15	999
56	7	998	2	#	-	-	-	-	-	-	-	-	-	-	1	999	3	997	2	999	1	999	1	998	1	998	17	999
55	5	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	996	2	999	-	-	-	-	5	998	13	999
54	2	996	4	999	-	-	-	-	-	-	-	-	-	-	-	-	3	996	3	999	4	999	2	997	2	997	18	999
53	3	996	-	-	1	#	1	#	-	-	-	-	-	-	-	3	999	4	996	-	-	3	999	5	997	20	999	
52	2	996	2	999	1	999	-	-	-	-	-	-	-	-	-	1	999	4	995	-	-	3	998	10	996	23	999	
51	3	995	1	999	-	-	1	999	-	-	-	-	-	-	-	-	5	995	1	999	4	998	4	995	4	995	19	998
50	6	995	7	999	2	999	1	999	-	-	-	-	-	-	2	999	1	994	1	998	12	997	11	995	43	998		
49	4	994	9	997	2	999	3	999	-	-	-	-	-	-	1	999	5	994	1	998	7	995	18	993	50	998		
48	11	994	11	996	3	999	2	999	-	-	-	-	-	-	1	999	11	993	5	998	13	994	17	991	74	997		
47	15	992	9	994	5	999	4	999	3	#	-	-	-	-	-	-	9	992	1	997	17	992	20	989	83	996		
46	11	990	13	993	3	998	4	998	3	999	-	-	-	-	3	999	12	990	4	997	13	990	19	986	85	995		
45	11	989	23	991	5	997	5	997	5	999	1	#	-	-	2	998	9	989	9	997	24	987	25	984	119	994		
44	29	987	22	987	12	997	4	997	5	999	-	-	-	-	1	998	9	987	13	995	19	984	32	980	146	993		
43	26	983	24	983	9	995	14	996	7	998	1	999	-	-	2	998	18	986	23	993	38	981	34	976	196	991		
42	23	980	32	979	15	993	22	994	12	997	1	999	-	-	1	998	15	983	19	990	22	975	44	972	206	989		
41	39	976	36	974	20	991	23	990	18	996	1	999	1	#	-	-	26	981	16	987	37	971	61	966	278	987		
40	43	971	38	968	32	988	31	987	18	993	2	999	6	999	2	998	23	977	28	985	33	965	68	959	324	984		
39	58	965	34	962	29	983	36	982	28	991	1	999	4	999	7	997	24	974	35	980	48	960	82	950	386	980		
38	62	957	50	957	40	979	50	976	21	988	1	999	2	999	7	997	14	971	43	975	55	952	72	939	417	976		
37	65	949	71	948	61	973	30	968	23	985	2	999	6	999	11	996	24	969	53	968	40	944	72	930	458	971		
36	56	940	85	937	41	963	54	964	30	982	5	999	9	998	10	995	23	965	51	960	50	937	78	921	492	966		
35	78	932	76	923	44	957	38	955	27	978	6	998	11	997	14	994	36	962	58	953	64	929	86	911	538	960		
34	77	921	88	911	56	950	38	949	37	975	10	998	10	996	24	992	40	957	54	944	61	919	106	900	601	954		
33	115	911	135	896	66	942	82	943	46	970	20	996	6	995	27	989	55	951	79	936	82	910	149	887	862	947		
32	113	895	95	874	67	931	94	930	44	965	17	994	6	994	46	986	53	943	71	924	74	897	148	868	828	938		
31	128	879	116	859	79	921	91	915	42	959	21	992	15	993	50	981	57	936	90	913	77	885	167	849	933	928		
30	120	862	123	840	69	909	94	901	51	954	21	989	24	992	62	976	67	927	101	899	74	873	196	827	1002	918		
29	116	845	135	820	91	899	104	886	69	948	26	987	37	989	76	969	76	918	114	884	83	861	164	802	1091	906		
28	144	829	130	798	102	885	123	870	78	939	32	984	39	985	80	960	59	907	109	866	111	848	188	781	1195	894		
27	168	809	154	777	114	869	121	850	79	929	32	980	55	980	78	952	64	898	123	850	103	830	168	757	1259	880		
26	198	786	176	752	163	851	126	831	86	920	45	976	72	974	116	943	123	889	184	831	153	814	225	736	1667	866		
25	222	759	187	723	132	826	129	811	82	909	51	971	67	966	107	930	111	872	173	803	156	789	211	707	1628	847		
24	231	728	205	693	160	806	162	791	88	899	51	965	65	959	96	918	118	856	189	777	158	765	243	680	1766	829		
23	238	697	230	660	173	782	149	765	94	888	69	959	93	952	128	907	118	839	212	748	209	740	249	649	1962	809		
22	267	664	250	622	163	755	156	742	93	876	68	951	97	941	133	893	140	822	248	716	201	706	265	618	2081	787		
21	243	627	222	582	197	730	178	717	145	864	102	943	127	931	127	878	175	802	213	678	208	675	309	584	2246	763		
20	282	594	237	546	228	700	167	689	150	846	106	931	168	916	115	864	189	777	312	646	215	642	319	544	2488	738		
19	339	555	260	507	282	665	217	663	173	828	175	918	232	898	170	852	255	750	310	599	330	607	359	504	3102	710		
18	305	508	234	465	211	622	214	629	199	806	192	898	227	872	185	833	238	713	301	551	271	555	337	458	2914	675		
17	342	466	238	427	271	590	230	595	209	781	196	875	235	847	210	812	264	679	327	506	279	512	318	415	3119	642		
16	379	419	236	388	266	548	288	559	263	755	236	852	246	821	249	789	281	641	344	456	301	468	312	374	3401	607		
15	326	367	231	350	283	507	247	513	262	722	268	824	244	793	308	761	316	601	356	404	255	420	281	334	3377	568		
14	313	322	218	312	241	464	273	474	290	690	260	792	265	766	327	727	318	555	297	350	287	380	308	298	3397	530		
13	270	279	236	277	281	427	276	431	345	654	290	762	300	737	390	691	336	510	315	305	278	334	274	259	3591	492		
12	308	242	255	238	316	384	351	388	472	611	467	727	370	703	517	648	421	462	403	257	344	290	322	224	4546	451		
11	275	200	191	197	204	335	310	332	358	552	470	672	435	662	441	590	320	401	238	195	245	235	258	183	3745	400		
10	263	162	178	166	253	304	287	283	404	507	486	617	503	614	537	541	354	355	194	159	283	19						

TOTAL	7269	6151	6524	6340	8026	8473	8994	9012	6973	6581	6303	7833	88479
MAX	67.5	56.0	52.9	53.3	47.2	45.1	40.6	59.1	68.2	58.3	57.5	62.6	68.2
DATE	2001011903	1997022210	1999031913	2000042023	1997051020	1995060707	1997071201	2001082900	1996091717	2000101412	2001111800	2000121802	1996091717
MIN	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0
DATE	1996013103	2000020814	1999033004	1997041406	1997052804	2001061405	2001072920	2001081608	1996090707	1996101008	1996111411	1998122304	2001081608

(* < 0.05% , # = 100.0%)

STATION: 46061

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

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (9/2000 - 12/2001) (9256 RECORDS, 15.8% 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		
68	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	
67	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	999	
65	4	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	2	999	
62	2	992	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	1	998	5	999	
61	4	989	-	-	-	-	-	-	-	-	-	-	-	2	997	-	-	1	#	2	#	3	997	3	997	12	998	
60	5	984	-	-	-	-	-	-	-	-	-	-	-	1	995	-	-	1	999	-	-	1	995	8	997	8	997	
59	2	977	-	-	-	-	-	-	-	-	-	-	-	1	993	-	-	3	999	-	-	2	994	8	996	8	996	
58	5	974	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	997	1	999	2	993	9	995	9	995	
57	4	968	-	-	-	-	-	-	-	-	-	-	-	1	992	-	-	1	996	-	-	3	992	9	994	9	994	
56	3	962	-	-	-	-	-	-	-	-	-	-	-	1	991	-	-	-	-	-	-	1	990	5	994	5	994	
55	6	958	-	-	-	-	-	-	-	-	-	-	-	2	989	-	-	-	-	-	-	-	-	-	8	993	8	993
54	2	950	-	-	-	-	-	-	-	-	-	-	-	1	986	1	#	1	995	1	998	3	989	9	992	9	992	
53	1	947	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	987	4	991	4	991	
52	2	946	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	995	-	-	3	985	7	991	7	991	
51	7	943	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	997	2	983	10	990	10	990	
50	4	934	-	-	-	-	-	-	-	-	-	-	-	2	985	-	-	3	994	-	-	9	981	18	989	18	989	
49	5	929	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	1	992	2	996	8	975	17	987	17	987	
48	7	922	-	-	-	-	-	-	-	-	-	-	-	1	982	4	998	2	991	2	995	9	970	25	985	25	985	
47	13	912	2	994	-	-	-	-	-	-	-	-	-	-	-	2	995	3	990	3	994	16	963	39	982	39	982	
46	8	895	1	981	-	-	-	-	-	-	-	-	-	1	981	4	993	5	988	5	991	8	952	32	978	32	978	
45	8	884	2	975	-	-	-	-	1	#	-	-	-	1	980	2	989	5	984	1	988	11	947	31	975	31	975	
44	13	873	-	-	-	-	-	-	1	999	-	-	-	1	978	3	988	6	981	5	987	8	939	37	971	37	971	
43	10	856	1	962	-	-	-	-	1	997	-	-	-	-	-	6	985	14	977	4	984	14	934	50	967	50	967	
42	6	842	2	955	-	-	-	-	-	-	-	-	-	-	-	6	980	12	967	10	981	13	924	49	962	49	962	
41	9	834	-	-	-	-	-	-	1	996	-	-	-	-	-	4	974	14	959	14	974	13	915	55	957	55	957	
40	16	822	-	-	-	-	-	-	-	-	-	-	-	1	977	13	971	26	950	18	964	18	906	92	951	92	951	
39	11	801	-	-	-	-	-	-	4	995	-	-	-	3	976	1	959	18	932	8	951	13	894	58	941	58	941	
38	20	786	5	943	-	-	-	-	1	989	-	-	-	2	972	3	958	21	920	24	945	15	885	91	935	91	935	
37	13	759	2	911	-	-	-	-	6	988	-	-	-	4	969	4	955	27	905	13	928	18	874	87	925	87	925	
36	10	741	3	898	-	-	-	-	2	980	-	-	-	-	-	7	952	26	887	24	919	18	862	90	915	90	915	
35	21	728	1	879	-	-	-	-	3	977	-	-	-	6	963	6	946	21	869	27	902	17	850	102	906	102	906	
34	16	699	4	873	-	-	-	-	8	973	-	-	-	3	955	7	940	21	855	26	882	23	838	108	895	108	895	
33	22	678	4	847	-	-	-	-	15	962	-	-	-	2	951	15	934	29	841	30	864	22	822	139	883	139	883	
32	22	648	3	822	-	-	-	-	7	942	-	-	-	4	949	11	921	16	821	42	842	26	807	131	868	131	868	
31	23	619	6	803	-	-	-	-	8	932	-	-	-	7	943	15	911	31	810	31	813	32	789	153	854	153	854	
30	22	588	4	764	-	-	-	-	7	921	-	-	-	2	934	17	898	35	789	28	790	35	767	150	837	150	837	
29	19	558	5	739	-	-	-	-	10	912	-	-	-	5	931	14	882	41	765	45	770	37	743	176	821	176	821	
28	17	532	6	707	-	-	-	-	10	898	2	#	3	#	5	924	16	870	51	737	33	738	39	717	182	802	182	802
27	22	509	2	669	-	-	-	-	7	885	2	997	7	996	10	917	20	856	39	702	25	715	38	690	172	782	172	782
26	27	480	4	656	-	-	-	-	9	875	3	994	6	987	9	904	34	838	58	676	52	697	65	664	267	764	267	764
25	16	443	4	631	-	-	-	-	7	863	5	990	6	978	9	892	27	807	36	636	43	660	61	619	214	735	214	735
24	33	422	3	605	-	-	-	-	12	853	7	983	13	970	15	879	22	783	42	612	47	629	61	577	255	712	255	712
23	29	377	7	586	-	-	-	-	9	837	5	973	10	953	16	859	25	764	55	583	48	596	65	535	269	684	269	684
22	24	338	6	541	-	-	-	-	17	825	2	966	13	939	10	837	26	742	45	546	43	562	60	490	246	655	246	655
21	22	306	10	503	-	-	-	-	13	802	2	963	19	922	15	824	40	718	37	515	45	531	54	449	257	629	257	629
20	27	276	8	439	-	-	-	-	16	784	5	960	9	896	10	804	36	683	48	490	47	499	49	411	255	601	255	601
19	27	240	11	389	-	-	-	-	26	762	14	953	11	884	12	790	47	651	64	457	70	465	70	378	352	573	352	573
18	21	204	7	318	-	-	-	-	21	727	5	933	14	869	21	774	43	609	56	413	52	416	71	329	311	535	311	535
17	25	175	4	274	-	-	-	-	29	698	7	925	11	851	16	745	50	570	62	375	42	378	63	280	309	502	309	502
16	14	142	5	248	-	-	-	-	46	659	16	915	23	836	12	724	36	526	61	333	47	349	71	237	331	468	331	468
15	9	123	5	217	-	-	-	-	34	596	27	892	18	805	21	707	41	494	63	292	43	315	44	188	305	432	305	432
14	14	111	4	185	-	-	-	-	36	550	31	854	35	781	26	679	34	457	63	249	63	284	49	157	355	400	355	400
13	11	92	2	159	-	-	-	-	46	501	31	809	42	734	19	644	45	427	64	206	55	239	38	124	353	361	353	361
12	12	77	6	146	-	-	-	-	55	439	24	765	41	677	29	618	65	387	63	162	59	200	34	97	388	323	388	323
11	11	61	2	108	-	-	1	#	27	364	41	730	68	622	44	579	49	329	42	119	40	158	30	74	355	281	355	281
10																												

4	1	3	1	6	-	-	-	-	23	42	62	194	39	94	51	138	19	32	2	1	3	2	-	-	201	41
3	1	1	-	-	-	-	-	-	7	11	54	105	22	42	29	69	11	15	-	-	-	-	-	-	124	20
2	-	-	-	-	-	-	-	-	1	1	17	27	8	12	15	30	6	5	-	-	-	-	-	-	47	6
1	-	-	-	-	-	-	-	-	-	-	2	3	1	1	7	9	-	-	-	-	-	-	-	-	10	1
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	29.0		23.2			11.1		15.2		8.9		10.9		13.2		17.2		22.5		21.7		24.4		19.3		
S.D.	12.7		9.8			0.0		8.4		5.3		5.9		10.4		9.7		10.1		9.9		10.6		11.3		
TOTAL	742		157			1		736		697		743		738		1122		1468		1403		1449		9256		
MAX	67.5		49.2			11.1		45.3		27.6		27.6		62.4		53.7		60.7		61.4		65.7		67.5		
DATE	2001011902	2001020620			2001043023	2001050222	2001060405	2001072301	2001082822	2001092402	2000101417	2001111801	2000121801	2001011902												
MIN	3.3	4.3			11.1	2.3	1.0	1.4	0.8	1.6	3.5	4.1	5.2	0.8												
DATE	2001012600	2001020314			2001043023	2001052615	2001060521	2001072511	2001081212	2001091811	2001102207	2001112402	2000121500	2001081212												

(* < 0.05% , # = 100.0%)

STATION: 46061

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS) -- POR: (5/1995 - 12/2001) (87746 RECORDS, 97.3% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
11.0	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#		
10.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
9.5	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999		
9.0	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	4	999		
8.5	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999		
8.0	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	5	999		
7.5	4	999	1	#	-	-	-	-	-	-	-	-	-	-	4	#	-	-	-	-	-	12	999	21	999			
7.0	11	998	5	999	-	-	-	-	-	-	-	-	-	-	4	999	-	-	4	#	17	998	41	999				
6.5	11	997	19	999	-	-	2	#	-	-	-	-	-	-	6	999	3	#	13	999	25	996	79	999				
6.0	22	995	37	996	8	#	6	999	-	-	-	-	-	-	13	998	5	999	35	997	58	992	184	998				
5.5	34	992	53	990	28	999	8	999	1	#	-	-	-	2	#	12	996	12	999	59	992	89	985	298	996			
5.0	88	988	63	981	40	994	26	997	9	999	-	-	-	1	999	18	994	29	997	88	982	137	974	499	993			
4.5	136	975	103	971	48	988	58	993	38	999	-	-	-	4	999	40	992	74	993	96	968	214	956	811	987			
4.0	267	957	222	954	95	980	93	984	48	994	4	#	-	9	999	99	986	160	981	122	953	365	929	1484	978			
3.5	365	920	333	918	164	965	204	968	121	988	22	999	1	#	30	998	176	972	227	957	206	934	526	883	2375	961		
3.0	609	870	564	863	281	938	391	935	183	973	61	997	21	999	41	995	242	946	355	922	420	901	749	816	3917	934		
2.5	857	786	992	771	643	893	583	870	317	950	134	990	55	998	95	990	408	912	654	869	746	834	1171	720	6655	889		
2.0	1243	667	1247	609	1167	790	1180	774	657	910	455	974	261	991	561	980	657	853	1016	769	1231	716	1674	571	11349	813		
1.5	1713	496	1458	406	1635	602	1523	579	1270	828	1339	920	982	962	1205	917	1466	758	1508	615	1573	521	1585	358	17257	684		
1.0	1563	260	896	168	1651	339	1452	328	2808	670	3828	761	3350	853	2998	783	2277	548	1804	385	1446	271	977	156	25050	487		
0.5	323	45	130	21	445	73	539	89	2541	319	2600	308	4304	480	4035	449	1527	220	732	111	262	42	249	32	17687	202		
0.0	-	-	-	-	11	2	-	-	11	1	-	-	1	*	1	*	2	*	-	-	-	-	-	-	26	*		
MEAN	2.0		2.2		1.7		1.7		1.2		1.0		0.9		0.9		1.4		1.7		1.9		2.3		1.5			
S.D.	1.1		1.0		0.9		0.9		0.8		0.5		0.4		0.5		0.9		0.9		1.0		1.2		1.0			
TOTAL	7254		6123		6216		6065		8004		8443		8975		8982		6951		6579		6301		7853		87746			
MAX	10.9		7.3		6.1		6.4		5.3		4.1		3.3		5.5		7.6		6.5		7.0		9.2		10.9			
DATE	2001011906	1997020603	1999031917	1996040416	2001050716	1995060421	1997071121	2001082823	1996091719	1998101601	2001111801	2001122021	2001011906															
MIN	0.5	0.5	0.0	0.4	0.2	0.3	0.0	0.2	0.0	0.4	0.5	0.3	0.0															
DATE	1999012119	1996021817	2000031507	1999042713	1996051306	2001062902	2000072011	1995081813	2000091316	2000100208	1998110718	1995120618	2000091316															

(* < 0.05% , # = 100.0%)

STATION: 46061

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

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (5/1995 - 12/2001) (87746 RECORDS, 97.3% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
12	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#		
11	7	999	16	#	3	#	4	#	16	#	-	-	1	#	6	#	1	#	2	#	6	#	16	#	78	999		
10	65	999	119	997	26	999	43	999	64	998	-	-	14	999	10	999	13	999	24	999	49	999	99	998	526	999		
9	441	990	407	978	342	995	210	992	213	990	163	#	50	998	46	998	109	998	175	996	311	991	442	985	2909	993		
8	1102	929	1254	911	1012	940	888	958	638	963	782	981	291	993	395	993	670	982	768	969	1071	942	1578	929	10449	960		
7	1721	777	1801	707	1637	778	1717	811	1992	884	2001	888	1405	960	1538	949	1625	886	1444	853	1697	772	2343	728	20921	841		
6	1991	540	1449	413	1571	514	1925	528	2896	635	2983	651	3593	804	3234	778	2367	652	1905	633	2024	503	2002	430	27940	602		
5	1531	266	908	176	1352	261	1047	211	1722	273	2079	298	2808	403	2889	418	1720	312	1675	344	1045	181	1230	175	20006	284		
4	395	54	169	28	262	44	231	38	422	58	435	52	811	91	862	96	443	64	586	89	98	16	143	18	4857	56		
3	-	-	-	-	-	-	-	-	41	5	-	-	1	*	2	*	2	*	-	-	-	-	-	-	46	1		
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*		
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*		
0	-	-	-	-	11	2	-	-	-	-	-	-	1	*	-	-	1	*	-	-	-	-	-	-	13	*		
MEAN	6.4		6.7		6.4		6.4		6.1		6.1		5.7		5.7		6.1		6.1		6.5		6.7		6.2			
S.D.	1.3		1.3		1.3		1.2		1.2		1.1		0.9		1.0		1.1		1.2		1.2		1.2		1.2			
TOTAL	7254		6123		6216		6065		8004		8443		8975		8982		6951		6579		6301		7853		87746			

MAX 11.5 11.1 10.8 11.1 11.3 9.4 10.6 11.2 10.8 10.9 11.1 11.4 11.5
 DATE 2001010403 1999021210 2000031903 2000042818 1999050709 1997060309 1996070100 1999082912 1999090811 1999102602 2001110405 2000120216 2001010403
 MIN 3.5 3.6 0.0 3.7 3.0 3.5 0.0 3.3 0.0 3.5 3.8 3.5 0.0
 DATE 1999011904 1996021804 2000031507 1999042721 1996051213 1998061500 2000072011 1995082122 2000091316 2001101601 1996110406 1995120619 2000091316
 (* < 0.05% , # = 100.0%)

STATION: 46061

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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (5/1995 - 12/2001) (87744 RECORDS, 97.3% 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	
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
33	-	-	-	-	-	-	-	-	-	-	-	-	5	#	-	-	-	-	-	-	-	-	-	-	-	5	#
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	#	-	-	-	-	-	-	-	-	-	9	999
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
20	5	#	11	#	1	#	3	#	26	#	72	#	174	999	97	999	43	#	12	#	-	-	1	#	445	999	
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	995
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	995
17	91	999	105	998	38	999	69	999	451	997	624	991	845	980	485	988	94	994	167	998	66	#	85	999	3120	995	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	959
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	959
14	396	987	489	981	240	994	172	988	864	940	777	918	1025	886	1071	934	389	980	325	973	294	990	522	989	6564	959	
13	1403	932	1137	901	816	955	654	960	335	832	374	826	207	772	517	815	475	924	564	923	1019	943	1475	923	8976	884	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	782
11	1617	739	1523	715	1534	824	1089	852	560	791	563	781	120	749	426	757	677	856	1019	838	1410	781	2265	735	12803	782	
10	1050	516	1125	467	1103	577	1122	672	1048	721	998	715	282	735	570	710	874	759	1143	683	1311	557	1371	446	11997	636	
9	626	371	544	283	657	400	1022	487	1162	590	1148	596	761	704	826	647	1010	633	915	509	834	349	624	272	10129	499	
8	700	285	479	194	652	294	1142	319	1769	445	1816	460	2366	619	1828	555	1633	488	1036	370	704	217	585	192	14710	384	
7	428	188	184	116	398	189	346	131	788	224	877	245	1315	355	1374	351	802	253	374	212	292	105	264	118	7442	216	
6	511	129	296	86	371	125	185	74	464	125	600	141	1006	209	989	198	549	137	410	156	204	59	373	84	5958	132	
5	292	59	152	37	322	65	163	43	309	67	372	70	590	97	478	88	283	58	418	93	135	27	219	37	3733	64	
4	116	19	70	12	69	14	93	16	138	28	181	26	238	31	256	35	95	18	166	30	28	5	63	9	1513	21	
3	19	3	6	1	4	2	5	1	90	11	41	5	40	5	56	6	26	4	30	5	4	1	6	1	327	4	
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
0	-	-	-	-	11	2	-	-	-	-	-	-	1	*	-	-	1	*	-	-	-	-	-	-	-	13	*
MEAN	10.0		10.5		9.7		9.6		9.6		9.6		9.4		9.3		9.1		9.4		10.2		10.4		9.7		
S.D.	2.6		2.5		2.5		2.2		3.2		3.4		3.9		3.6		2.7		2.8		2.2		2.3		3.0		
TOTAL	7254		6121		6216		6065		8004		8443		8975		8982		6951		6579		6301		7853		87744		
MAX	20.0		20.0		20.0		20.0		20.0		20.0		33.3		25.0		20.0		20.0		16.7		20.0		33.3		
DATE	1999012003		2000021108		2000031822		1999040906		2001051903		2000062906		2000072503		1996082507		2001092101		1998100712		2000113002		1997122816		2000072503		
MIN	2.6		3.0		0.0		3.0		2.5		2.5		0.0		2.5		0.0		2.7		3.1		3.2		0.0		
DATE	1996012506		1996021805		2000031507		1999042516		1996051220		1998061501		2000072011		1995082117		2000091316		1997101102		1996110406		1999120902		2000091316		

ELEMENT SUMMARY FOR STATION: 46061
 (A) TOTAL STDNET RECORDS READ = 90162
 (B) TOTAL CWIND RECORDS READ = 58428
 (C) TOTAL RECORDS USED IN STATS = 148590

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	66198	88330	66135	0	86056	88568	88479	9256	87746	87746	87744	0
(E) ELEMENT OUT OF RANGE	23964	1832	24027	90162	4106	1594	1683	49172	2416	2416	2418	90162

STATION: 46061 -- POR (5/1995 - 12/2001)

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

ELEMENT: AIR TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1995	MEAN	-	-	-	-	7.1	9.6	11.8	12.7	12.2	-	-	3.8	9.8
	MAXIMUM	-	-	-	-	8.8	18.1	14.4	18.6	15.6	-	-	8.3	18.6

	DAY-HR	-	-	-	-	27-13	11-03	21-05	22-03	18-06	-	-	29-09	AUG
	MINIMUM	-	-	-	-	4.2	5.8	9.5	10.9	10.9	-	-	-4.6	-4.6
	DAY-HR	-	-	-	-	16-17	01-14	05-17	14-14	15-00	-	-	06-19	DEC
	# OBS	-	-	-	-	758	1433	1481	1483	803	-	-	1206	7164
1996	MEAN	0.1	0.9	2.9	4.3	7.9	10.6	12.6	-	-	-	-	-	5.4
	MAXIMUM	5.5	5.7	7.2	10.0	11.8	15.0	17.7	-	-	-	-	-	17.7
	DAY-HR	02-04	11-03	28-02	22-23	14-02	22-05	16-15	-	-	-	-	-	JUL
	MINIMUM	-4.1	-7.1	-0.5	-3.3	3.6	6.5	10.2	-	-	-	-	-	-7.1
	DAY-HR	12-06	22-01	01-12	02-17	07-15	11-20	14-07	-	-	-	-	-	FEB
	# OBS	1453	1352	1469	1465	1475	1412	1092	-	-	-	-	-	9718
1997	MEAN	2.7	3.4	0.5	-	-	-	-	-	12.3	7.0	5.7	2.4	5.1
	MAXIMUM	7.1	6.8	3.2	-	-	-	-	-	17.6	12.8	10.1	7.7	17.6
	DAY-HR	14-20	06-11	07-01	-	-	-	-	-	14-04	01-02	09-03	11-06	SEP
	MINIMUM	-3.0	-0.2	-2.4	-	-	-	-	-	8.3	0.4	0.0	-5.3	-5.3
	DAY-HR	26-20	24-09	04-06	-	-	-	-	-	20-09	26-08	25-08	30-17	DEC
	# OBS	1085	1304	306	-	-	-	-	-	954	1426	1395	1474	7944
1998	MEAN	2.5	4.4	4.0	4.9	6.8	10.4	12.7	12.4	10.5	7.7	4.7	2.3	7.0
	MAXIMUM	7.1	9.2	8.1	8.2	10.8	15.2	15.9	15.9	12.6	11.2	10.3	7.5	15.9
	DAY-HR	28-12	02-01	20-12	24-02	15-01	15-04	28-03	15-02	08-02	02-01	04-13	01-17	AUG
	MINIMUM	-4.1	0.5	0.6	0.7	3.0	6.9	10.6	7.9	0.0	-11.0	-11.0	-2.0	-11.0
	DAY-HR	03-09	27-22	28-17	02-10	11-15	02-11	09-02	28-08	11-01	16-06	02-08	17-05	NOV
	# OBS	1418	1333	1434	1379	1431	1383	1472	1568	1416	1470	1430	1477	17211
1999	MEAN	0.8	-0.8	1.2	3.5	6.5	10.6	13.1	13.4	10.7	6.5	3.4	1.5	5.9
	MAXIMUM	6.1	4.4	5.4	8.8	11.6	14.3	22.9	17.1	13.2	10.0	7.1	7.0	22.9
	DAY-HR	13-23	17-18	26-05	18-09	15-05	06-01	04-07	04-02	06-03	02-21	19-08	22-08	JUL
	MINIMUM	-8.7	-10.5	-5.4	-0.6	1.7	6.3	10.5	10.3	7.9	0.5	-1.6	-6.5	-10.5
	DAY-HR	30-18	04-05	09-01	03-06	01-00	02-16	08-19	23-18	30-07	28-13	03-09	17-05	FEB
	# OBS	1465	1318	1441	1428	1488	1437	1460	1469	476	730	676	740	14128
2000	MEAN	-	3.3	-	-	-	-	-	-	10.0	6.9	5.7	4.5	5.7
	MAXIMUM	-	6.3	-	-	-	-	-	-	13.0	10.4	8.7	7.7	13.0
	DAY-HR	-	07-12	-	-	-	-	-	-	18-02	07-18	21-05	05-15	SEP
	MINIMUM	-	-7.0	-	-	-	-	-	-	6.2	4.0	2.2	0.5	-7.0
	DAY-HR	-	01-04	-	-	-	-	-	-	28-20	30-10	26-16	18-07	FEB
	# OBS	-	688	-	-	-	-	-	-	412	729	708	744	3281
2001	MEAN	4.3	2.6	-	-	6.2	11.1	12.6	13.8	11.1	5.9	4.1	1.0	7.7
	MAXIMUM	7.5	5.7	-	-	12.9	17.1	15.3	19.2	14.8	10.8	8.3	8.2	19.2
	DAY-HR	18-23	01-03	-	-	28-02	29-00	02-03	22-07	11-22	04-19	20-05	29-17	AUG
	MINIMUM	0.9	-0.6	-	-	-0.5	8.0	10.3	10.7	8.3	1.3	-1.5	-4.8	-4.8
	DAY-HR	10-08	04-01	-	-	04-16	03-13	06-09	31-12	28-10	30-07	30-21	14-16	DEC
	# OBS	742	158	-	-	741	713	744	740	719	741	713	741	6752
POR	MEAN	1.8	2.1	2.5	4.2	6.9	10.4	12.6	12.9	11.2	6.9	4.9	2.6	6.6
	MAXIMUM	7.5	9.2	8.1	10.0	12.9	18.1	22.9	19.2	17.6	12.8	10.3	8.3	22.9
	YEAR	2001	1998	1998	1996	2001	1995	1999	2001	1997	1997	1998	1995	JUL/1999
	MINIMUM	-8.7	-10.5	-5.4	-3.3	-0.5	5.8	9.5	7.9	0.0	-11.0	-11.0	-6.5	-11.0
	YEAR	1999	1999	1999	2001	1995	1995	1998	1998	1998	1998	1998	1999	NOV/1998
	# OBS	6163	6153	4650	4272	5893	6378	6249	5260	4780	5096	4922	6382	66198

STATION: 46061 -- POR (5/1995 - 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
1995	MEAN	-	-	-	-	7.7	9.9	12.3	13.1	12.4	-	-	6.0	10.5
	MAXIMUM	-	-	-	-	9.0	12.1	14.2	14.5	13.5	-	-	6.8	14.5
	DAY-HR	-	-	-	-	27-00	25-21	21-00	23-02	03-23	-	-	21-20	AUG
	MINIMUM	-	-	-	-	6.4	7.1	10.4	11.6	11.3	-	-	4.5	4.5
	DAY-HR	-	-	-	-	16-07	10-14	01-20	31-07	16-09	-	-	21-17	DEC
	# OBS	-	-	-	-	758	1434	1481	1483	803	-	-	1206	7165
1996	MEAN	4.8	3.9	3.7	4.9	7.9	11.0	13.3	13.8	12.2	9.3	7.1	5.9	8.3
	MAXIMUM	5.8	5.1	4.4	6.8	11.7	14.8	15.9	16.0	14.2	10.8	8.5	7.3	16.0
	DAY-HR	13-19	14-19	31-00	30-02	29-02	22-01	28-04	09-01	06-02	05-03	01-16	01-02	AUG
	MINIMUM	0.5	1.8	2.1	3.8	5.1	7.3	11.7	11.4	10.0	7.9	5.2	3.6	0.5
	DAY-HR	08-15	26-09	07-13	06-01	07-16	05-10	06-13	01-23	29-16	31-17	28-03	31-09	JAN
	# OBS	1453	1352	1468	1465	1478	1412	1640	1578	1435	1471	1381	1488	17621
1997	MEAN	4.5	4.2	3.7	4.6	7.2	12.2	14.1	15.1	13.4	10.1	8.5	7.2	8.8
	MAXIMUM	5.6	5.0	4.5	6.5	11.1	15.0	16.0	16.7	14.6	12.4	10.0	8.4	16.7
	DAY-HR	03-06	06-22	06-06	30-03	29-08	30-23	06-00	08-02	05-06	01-08	04-02	05-14	AUG
	MINIMUM	1.6	3.2	2.2	3.4	5.3	8.2	11.9	13.7	11.3	8.3	5.5	4.5	1.6
	DAY-HR	11-01	01-00	07-15	03-18	08-07	01-19	08-10	28-18	29-06	30-18	26-00	17-21	JAN

	# OBS	1453	1303	1472	1372	1424	1387	1453	1458	1420	1426	1395	1473	17036
1998	MEAN	6.0	5.7	5.5	6.2	7.5	10.5	13.5	13.6	11.7	9.6	7.9	6.8	8.8
	MAXIMUM	7.1	6.9	6.5	7.7	9.2	14.0	15.4	15.7	12.9	10.9	9.3	8.4	15.7
	DAY-HR	14-23	23-08	24-20	25-09	31-16	29-20	20-06	05-00	04-00	01-16	03-22	01-07	AUG
	MINIMUM	3.6	4.6	3.8	5.0	6.5	8.0	11.0	12.0	10.0	7.9	5.2	2.9	2.9
	DAY-HR	22-11	26-14	13-12	04-01	10-15	02-10	02-18	27-17	30-23	31-06	25-00	31-16	DEC
	# OBS	1418	1333	1434	1380	1429	1380	1459	1565	1422	1487	1435	1477	17219
1999	MEAN	5.5	4.2	4.0	4.6	6.9	10.7	13.5	14.0	11.7	9.2	7.1	5.7	8.0
	MAXIMUM	6.6	5.5	4.9	6.1	9.4	13.9	16.0	16.5	13.0	10.7	8.5	7.1	16.5
	DAY-HR	15-20	01-00	27-18	30-04	24-07	13-10	04-04	02-00	06-16	07-07	04-15	03-19	AUG
	MINIMUM	2.1	2.1	1.9	3.4	5.3	7.4	11.6	12.6	10.2	5.8	4.2	3.0	1.9
	DAY-HR	11-01	27-18	11-23	06-09	03-19	02-10	16-12	13-06	29-06	30-04	30-04	15-22	MAR
	# OBS	1478	1318	1441	1425	1487	1437	1474	1466	476	730	676	740	14148
2000	MEAN	4.3	4.5	4.6	5.3	7.5	11.5	13.4	13.8	11.9	8.8	7.3	6.4	8.4
	MAXIMUM	6.0	5.4	5.4	6.7	10.9	14.2	15.2	15.6	14.1	10.2	8.4	7.5	15.6
	DAY-HR	07-10	01-19	29-17	15-03	29-23	25-05	10-00	15-01	03-03	01-05	05-14	11-09	AUG
	MINIMUM	2.6	3.2	3.5	4.1	5.5	7.6	11.3	12.5	9.5	7.0	5.4	4.3	2.6
	DAY-HR	23-02	01-03	13-06	17-02	02-13	08-14	03-00	03-17	30-18	31-20	17-11	18-10	JAN
	# OBS	727	689	710	474	726	714	733	738	703	728	707	743	8392
2001	MEAN	6.0	5.2	-	-	7.1	11.4	13.3	14.3	11.9	9.5	7.5	5.8	9.5
	MAXIMUM	6.8	5.9	-	-	10.5	15.6	16.5	16.4	13.7	11.3	9.1	7.1	16.5
	DAY-HR	06-20	05-08	-	-	30-22	30-05	01-05	13-01	03-23	01-01	01-21	02-01	JUL
	MINIMUM	4.6	3.9	-	-	5.2	8.4	12.0	12.6	10.6	6.4	5.0	3.9	3.9
	DAY-HR	27-20	07-11	-	-	07-08	03-14	26-17	31-21	30-12	31-10	29-12	07-11	DEC
	# OBS	742	158	-	-	742	713	744	739	718	740	712	741	6749
POR	MEAN	5.2	4.5	4.3	5.1	7.4	11.0	13.3	13.9	12.3	9.5	7.7	6.3	8.7
	MAXIMUM	7.1	6.9	6.5	7.7	11.7	15.6	16.5	16.7	14.6	12.4	10.0	8.4	16.7
	YEAR	1998	1998	1998	1998	1996	2001	2001	1997	1997	1997	1997	1998	AUG/1997
	MINIMUM	0.5	1.8	1.9	3.4	5.1	7.1	10.4	11.4	9.5	5.8	4.2	2.9	0.5
	YEAR	1996	1996	1999	1999	1996	1995	1995	1996	2000	1999	1999	1998	JAN/1996
	# OBS	7271	6153	6525	6116	8044	8477	8984	9027	6977	6582	6306	7868	88330

STATION: 46061 -- POR (5/1995 - 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
1995	MEAN	-	-	-	-	1015.5	1015.7	1014.9	1011.3	1011.4	-	-	1000.8	1011.6
	MAXIMUM	-	-	-	-	1030.0	1033.9	1027.6	1019.9	1023.4	-	-	1040.1	1040.1
	DAY-HR	-	-	-	-	19-22	27-23	20-22	21-00	15-22	-	-	07-08	DEC
	MINIMUM	-	-	-	-	1001.9	1001.6	993.0	989.8	987.8	-	-	981.7	981.7
	DAY-HR	-	-	-	-	27-13	04-14	25-17	03-16	10-23	-	-	13-13	DEC
	# OBS	-	-	-	-	758	1434	1480	1483	803	-	-	1206	7164
1996	MEAN	1011.4	1003.6	1017.5	1005.0	1017.4	1013.0	1018.2	1011.2	1008.3	1003.8	1011.3	1003.3	1010.4
	MAXIMUM	1032.8	1032.9	1034.6	1022.5	1033.8	1029.4	1032.0	1024.2	1028.6	1031.5	1031.7	1037.7	1037.7
	DAY-HR	30-23	29-22	25-22	08-23	10-20	02-21	23-20	14-19	29-20	29-04	15-08	16-10	DEC
	MINIMUM	971.0	961.2	980.2	978.5	997.8	997.0	1006.1	996.3	983.7	978.6	988.6	958.5	958.5
	DAY-HR	07-15	06-15	10-03	05-14	16-18	27-14	19-04	22-04	17-17	12-23	30-23	04-02	DEC
	# OBS	1453	1352	1468	1465	1478	1412	1640	1577	1435	1471	1381	1488	17620
1997	MEAN	1001.9	1005.4	1005.9	1009.9	1016.8	1011.2	1012.5	1014.7	1005.0	1003.0	998.0	992.1	1006.3
	MAXIMUM	1022.8	1032.1	1042.7	1033.5	1033.5	1021.8	1023.0	1028.8	1015.6	1019.6	1018.8	1017.7	1042.7
	DAY-HR	25-04	25-02	13-21	09-22	18-23	20-21	03-19	15-14	03-22	18-14	07-20	31-19	MAR
	MINIMUM	979.5	984.3	981.6	979.4	1006.0	997.1	1001.0	998.2	972.7	969.9	959.8	967.3	959.8
	DAY-HR	30-09	16-16	18-05	02-03	09-04	17-20	08-11	22-23	23-06	29-22	27-05	01-12	NOV
	# OBS	1453	1304	1472	1372	1423	1387	1453	1459	1420	1426	1395	1473	17037
1998	MEAN	997.3	990.0	1005.8	1005.0	1009.8	1017.6	1015.2	1011.4	1008.1	1002.9	999.7	1003.3	1005.6
	MAXIMUM	1023.5	1011.3	1025.8	1026.4	1028.3	1031.9	1029.9	1029.5	1027.0	1020.9	1022.9	1052.4	1052.4
	DAY-HR	08-12	27-22	04-21	09-21	31-23	01-21	27-09	02-22	12-08	11-10	08-21	18-21	DEC
	MINIMUM	976.7	969.5	978.4	987.7	994.3	1003.7	1002.7	985.3	985.3	979.1	971.6	968.4	968.4
	DAY-HR	14-13	21-18	25-14	06-01	05-23	24-12	11-10	29-00	01-01	24-16	21-02	12-18	DEC
	# OBS	1416	1333	1434	1378	1425	1382	1471	1565	1428	1487	1437	1477	17233
1999	MEAN	1002.0	992.3	1000.0	1009.6	1009.7	1011.9	1016.8	1010.4	1007.9	999.6	995.3	998.7	1005.4
	MAXIMUM	1028.6	1014.6	1020.1	1027.1	1023.5	1021.4	1030.9	1023.3	1026.7	1025.6	1010.0	1023.6	1030.9
	DAY-HR	22-17	20-09	06-05	14-12	13-15	14-12	13-22	01-00	27-06	01-08	28-07	25-00	JUL
	MINIMUM	961.2	955.6	979.5	981.0	988.6	1001.8	999.9	993.9	958.3	978.2	974.1	968.3	955.6
	DAY-HR	13-22	06-04	11-17	11-17	02-11	05-05	28-08	28-15	22-18	26-02	19-18	01-16	FEB
	# OBS	1474	1318	1441	1399	1486	1431	1442	1444	476	730	675	740	14056
2000	MEAN	1001.9	1005.7	1007.3	-	-	1016.4	1014.4	1014.5	1007.6	1001.6	1005.7	1008.7	1007.7

	MAXIMUM	1025.9	1026.9	1019.6	-	-	1027.6	1025.5	1025.7	1029.1	1025.8	1029.8	1030.0	1030.0
	DAY-HR	14-08	03-21	05-20	-	-	26-22	15-20	02-07	20-23	04-09	09-05	12-04	DEC
	MINIMUM	966.4	972.3	978.9	-	-	1010.5	1000.5	999.4	986.6	971.8	979.7	984.3	966.4
	DAY-HR	31-18	01-00	03-17	-	-	29-08	28-09	22-12	07-00	07-22	24-18	25-22	JAN
	# OBS	727	689	316	-	-	103	732	739	708	729	708	744	6195
2001	MEAN	995.7	1008.9	-	-	1009.7	1016.5	1015.3	1010.9	1004.3	1000.7	999.5	994.9	1005.3
	MAXIMUM	1016.6	1030.5	-	-	1029.4	1026.9	1023.6	1032.1	1026.8	1025.1	1027.3	1014.4	1032.1
	DAY-HR	16-14	05-21	-	-	25-20	16-23	02-23	08-17	09-09	03-11	27-09	30-13	AUG
	MINIMUM	965.5	979.1	-	-	990.9	1005.8	998.9	990.3	983.3	978.8	973.2	977.9	965.5
	DAY-HR	07-19	01-02	-	-	03-05	02-20	06-17	20-15	24-23	12-09	01-15	20-21	JAN
	# OBS	742	158	-	-	742	713	744	740	718	740	713	741	6751
POR	MEAN	1002.3	999.0	1007.3	1007.3	1013.3	1014.1	1015.4	1011.9	1007.4	1002.4	1002.0	1000.1	1007.3
	MAXIMUM	1032.8	1032.9	1042.7	1033.5	1033.8	1033.9	1032.0	1032.1	1029.1	1031.5	1031.7	1052.4	1052.4
	YEAR	1996	1996	1997	1997	1996	1996	1996	2001	2000	1996	1996	1998	DEC/1998
	MINIMUM	961.2	955.6	978.4	978.5	988.6	997.0	993.0	985.3	958.3	969.9	959.8	958.5	955.6
	YEAR	1999	1999	1998	1996	1999	1996	1995	1998	1999	1997	1997	1996	FEB/1999
	# OBS	7265	6154	6131	5614	7312	7862	8962	9007	6988	6583	6309	7869	86056

STATION: 46061 -- POR (5/1995 - 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
1995	MEAN	-	-	-	-	13.0	9.4	8.9	8.5	11.4	-	-	16.2	10.9
	MAXIMUM	-	-	-	-	33.2	36.2	32.7	31.9	34.8	-	-	42.8	42.8
	DAY-HR	-	-	-	-	24-13	07-07	30-05	12-22	07-22	-	-	26-01	DEC
	MINIMUM	-	-	-	-	0.4	0.0	0.0	0.0	0.0	-	-	0.2	0.0
	DAY-HR	-	-	-	-	19-16	29-14	25-20	26-09	17-06	-	-	18-02	SEP
	# OBS	-	-	-	-	758	1434	1480	1482	800	-	-	1206	7160
1996	MEAN	11.6	15.8	12.0	13.0	7.1	9.5	8.0	10.5	12.8	14.5	11.9	16.1	11.8
	MAXIMUM	30.7	37.1	40.4	34.6	29.2	28.6	25.1	26.4	50.5	38.5	34.4	44.9	50.5
	DAY-HR	08-14	19-13	19-16	05-15	24-10	12-04	13-07	10-19	17-17	12-23	20-11	04-02	SEP
	MINIMUM	0.2	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.0
	DAY-HR	29-15	28-09	25-19	19-07	31-07	23-10	20-14	19-11	07-07	10-08	16-23	29-16	OCT
	# OBS	1453	1352	1465	1465	1474	1411	1639	1576	1435	1472	1381	1488	17611
1997	MEAN	16.7	17.7	12.8	12.3	8.8	7.2	8.3	8.6	12.5	14.5	17.1	17.5	12.8
	MAXIMUM	37.5	43.7	34.4	38.5	36.5	28.2	34.0	28.4	40.6	38.5	44.3	49.6	49.6
	DAY-HR	13-05	03-13	18-07	01-23	10-21	14-00	12-01	09-07	22-16	19-17	09-07	18-23	DEC
	MINIMUM	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	1.0	0.0
	DAY-HR	30-19	12-10	22-07	14-06	28-06	29-10	26-10	27-23	28-23	24-06	19-13	03-02	SEP
	# OBS	1453	1305	1472	1371	1419	1386	1453	1460	1416	1425	1393	1474	17027
1998	MEAN	14.6	16.4	12.5	16.2	11.5	7.7	9.0	10.0	11.7	13.5	14.1	14.6	12.6
	MAXIMUM	36.5	36.2	37.9	37.5	37.9	27.2	27.0	37.1	38.3	43.5	41.4	36.5	43.5
	DAY-HR	03-11	24-08	18-03	14-20	09-21	21-11	11-14	31-22	01-08	16-00	28-20	04-13	OCT
	MINIMUM	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2	0.0
	DAY-HR	12-07	08-08	30-07	24-06	28-08	29-08	02-16	22-22	14-12	03-08	05-19	23-04	OCT
	# OBS	1417	1333	1434	1377	1429	1382	1472	1568	1427	1487	1439	1477	17242
1999	MEAN	16.7	16.2	14.9	13.2	10.8	7.3	8.4	9.8	13.1	16.5	18.3	17.0	12.9
	MAXIMUM	36.9	39.7	40.2	34.0	34.6	25.1	26.2	29.7	48.2	34.0	38.3	42.8	48.2
	DAY-HR	13-12	15-16	19-13	01-06	30-06	05-02	06-08	22-20	22-18	12-12	13-07	19-14	SEP
	MINIMUM	0.4	0.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.8	2.5	0.6	0.0
	DAY-HR	24-20	24-16	30-04	21-08	28-15	25-20	31-19	28-20	28-15	28-10	28-13	17-21	SEP
	# OBS	1480	1318	1440	1428	1487	1438	1477	1471	476	730	676	739	14160
2000	MEAN	17.1	14.3	15.1	12.5	9.8	8.3	8.3	9.6	11.5	16.9	16.7	17.8	13.1
	MAXIMUM	48.0	39.5	36.5	40.4	24.7	28.0	29.0	29.9	39.9	48.0	38.5	49.0	49.0
	DAY-HR	31-22	19-12	29-17	21-02	16-03	19-19	22-07	03-08	11-03	14-12	14-02	18-02	DEC
	MINIMUM	1.7	0.2	0.0	0.2	0.2	0.0	0.2	0.2	0.6	0.2	1.2	1.2	0.0
	DAY-HR	28-16	08-14	10-02	13-23	24-19	03-08	11-19	17-23	18-23	31-18	14-23	16-21	JUN
	# OBS	727	689	715	706	727	714	735	740	709	731	709	711	8613
2001	MEAN	21.0	17.1	-	-	11.0	6.2	8.0	9.4	13.4	15.6	14.7	17.5	13.1
	MAXIMUM	49.4	37.3	-	-	34.6	23.3	23.1	47.6	38.3	37.9	47.8	48.2	49.4
	DAY-HR	19-03	06-22	-	-	02-23	03-22	22-23	29-00	24-15	04-02	18-00	22-09	JAN
	MINIMUM	0.2	0.8	-	-	0.4	0.0	0.0	0.0	0.0	0.6	1.6	2.3	0.0
	DAY-HR	05-21	02-04	-	-	15-05	20-12	29-20	16-08	18-18	22-08	24-05	23-00	SEP
	# OBS	742	158	-	-	742	714	744	740	718	741	715	741	6755
POR	MEAN	15.7	16.3	13.3	13.5	10.0	8.0	8.4	9.5	12.3	14.9	15.1	16.5	12.5
	MAXIMUM	49.4	43.7	40.4	40.4	37.9	36.2	34.0	47.6	50.5	48.0	47.8	49.6	50.5
	YEAR	2001	1997	1996	2000	1998	1995	1997	2001	1996	2000	2001	1997	SEP/1996
	MINIMUM	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0

YEAR	2001	2000	2000	1998	1999	2001	2001	2001	2001	1998	1996	1998	SEP/2001
# OBS	7272	6155	6526	6347	8036	8479	9000	9037	6981	6586	6313	7836	88568

STATION: 46061 -- POR (5/1995 - 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
1995	MEAN	-	-	-	-	15.8	11.4	10.7	10.3	13.7	-	-	20.3	13.3
	MAXIMUM	-	-	-	-	40.4	45.1	39.7	39.3	43.4	-	-	53.8	53.8
	DAY-HR	-	-	-	-	24-13	07-07	30-04	13-04	07-22	-	-	26-01	DEC
	# OBS	-	-	-	-	758	1434	1480	1482	800	-	-	1206	7160
1996	MEAN	14.5	19.7	14.8	16.2	8.7	11.6	9.7	12.6	15.9	18.1	14.9	20.2	14.7
	MAXIMUM	38.7	52.1	49.0	44.7	36.7	34.2	30.5	32.3	68.2	47.8	40.6	55.2	68.2
	DAY-HR	08-14	19-11	19-16	05-12	24-10	12-04	13-07	10-19	17-17	31-21	20-11	04-02	SEP
	# OBS	1453	1351	1464	1464	1472	1410	1639	1576	1435	1471	1380	1488	17603
1997	MEAN	20.9	21.8	15.8	15.2	10.7	8.7	10.0	10.4	15.3	18.0	21.3	22.3	15.9
	MAXIMUM	49.6	56.0	43.0	49.2	47.2	33.6	40.6	35.8	52.5	48.0	56.4	61.0	61.0
	DAY-HR	28-07	22-10	06-01	01-23	10-20	14-01	12-01	11-23	07-23	19-15	09-07	18-23	DEC
	# OBS	1453	1302	1472	1368	1417	1385	1453	1456	1416	1425	1392	1471	17010
1998	MEAN	18.2	20.4	15.5	19.9	14.2	9.5	10.8	12.3	14.4	16.8	17.5	18.6	15.6
	MAXIMUM	44.3	47.6	48.4	47.6	46.9	34.4	32.3	50.3	49.0	57.2	52.3	45.3	57.2
	DAY-HR	03-18	11-15	18-03	14-21	09-22	21-08	11-14	31-23	01-08	15-23	29-02	04-13	OCT
	# OBS	1417	1333	1434	1377	1429	1381	1470	1560	1422	1487	1435	1477	17222
1999	MEAN	20.7	20.2	18.6	16.3	13.3	9.0	10.2	11.9	16.1	20.6	22.8	21.5	16.0
	MAXIMUM	48.2	49.4	52.9	42.8	42.4	30.1	33.4	36.4	61.0	42.4	50.3	54.6	61.0
	DAY-HR	13-19	15-14	19-13	01-08	30-06	05-03	06-08	21-16	22-18	12-10	13-14	19-14	SEP
	# OBS	1477	1318	1440	1425	1485	1436	1475	1461	476	730	676	739	14138
2000	MEAN	21.3	17.7	18.7	15.5	11.8	10.0	10.1	11.7	14.0	21.0	20.7	22.2	16.2
	MAXIMUM	60.1	53.7	45.9	53.3	30.1	33.2	38.5	35.8	50.9	58.3	46.7	62.6	62.6
	DAY-HR	31-22	19-09	03-17	20-23	16-03	19-19	22-07	03-07	11-03	14-12	14-02	18-02	DEC
	# OBS	727	689	714	706	726	714	734	739	708	728	708	711	8604
2001	MEAN	26.2	21.1	-	-	13.4	7.5	9.7	11.5	16.4	19.6	18.4	22.0	16.2
	MAXIMUM	67.5	45.7	-	-	41.8	27.6	27.6	59.1	48.0	50.3	57.5	62.0	67.5
	DAY-HR	19-03	06-20	-	-	02-23	03-22	22-23	29-00	24-17	04-02	18-00	20-18	JAN
	# OBS	742	158	-	-	739	713	743	738	716	740	712	741	6742
POR	MEAN	19.6	20.2	16.5	16.7	12.3	9.8	10.2	11.5	15.1	18.5	18.8	20.8	15.4
	MAXIMUM	67.5	56.0	52.9	53.3	47.2	45.1	40.6	59.1	68.2	58.3	57.5	62.6	68.2
	YEAR	2001	1997	2000	2000	1997	2001	1995	2001	1996	2000	2001	2000	SEP/1996
	# OBS	7269	6151	6524	6340	8026	8473	8994	9012	6973	6581	6303	7833	88479

STATION: 46061 -- POR (9/2000 - 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
2000	MEAN	-	-	-	-	-	-	-	-	14.8	23.1	22.9	24.3	22.1
	MAXIMUM	-	-	-	-	-	-	-	-	33.4	60.7	54.0	65.7	65.7
	DAY-HR	-	-	-	-	-	-	-	-	13-22	14-17	14-02	18-01	DEC
	MINIMUM	-	-	-	-	-	-	-	-	2.9	3.7	4.1	5.2	2.9
	DAY-HR	-	-	-	-	-	-	-	-	15-08	31-18	14-22	15-00	SEP
	# OBS	-	-	-	-	-	-	-	-	408	727	691	711	2537
2001	MEAN	29.0	23.2	-	11.1	15.2	8.9	10.9	13.2	18.5	21.8	20.5	24.4	18.2
	MAXIMUM	67.5	49.2	-	11.1	45.3	27.6	27.6	62.4	53.7	50.3	61.4	63.2	67.5
	DAY-HR	19-02	06-20	-	30-23	02-22	04-05	23-01	28-22	24-02	04-01	18-01	20-17	JAN
	MINIMUM	3.3	4.3	-	11.1	2.3	1.0	1.4	0.8	1.6	3.5	4.1	6.8	0.8
	DAY-HR	26-00	03-14	-	30-23	26-15	05-21	25-11	12-12	18-11	22-07	24-02	11-01	AUG
	# OBS	742	157	-	1	736	697	743	738	714	741	712	738	6719
POR	MEAN	29.0	23.2	-	11.1	15.2	8.9	10.9	13.2	17.2	22.5	21.7	24.4	19.3
	MAXIMUM	67.5	49.2	-	11.1	45.3	27.6	27.6	62.4	53.7	60.7	61.4	65.7	67.5
	YEAR	2001	2001	-	2001	2001	2001	2001	2001	2001	2000	2001	2000	JAN/2001
	MINIMUM	3.3	4.3	-	11.1	2.3	1.0	1.4	0.8	1.6	3.5	4.1	5.2	0.8
	YEAR	2001	2001	-	2001	2001	2001	2001	2001	2001	2001	2001	2000	AUG/2001

OBS 742 157 - 1 736 697 743 738 1122 1468 1403 1449 9256

STATION: 46061 -- POR (5/1995 - 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
1995	MEAN	-	-	-	-	1.5	1.2	0.9	0.8	1.3	-	-	2.5	1.3
	MAXIMUM	-	-	-	-	3.2	4.1	3.2	3.3	3.8	-	-	6.3	6.3
	DAY-HR	-	-	-	-	26-08	04-21	30-05	12-19	07-23	-	-	23-17	DEC
	# OBS	-	-	-	-	757	1431	1480	1474	793	-	-	1205	7140
1996	MEAN	1.3	1.8	1.5	1.8	0.9	1.0	0.8	0.9	1.5	1.6	1.6	2.0	1.4
	MAXIMUM	3.2	5.6	5.4	6.4	3.8	2.5	2.3	2.5	7.6	5.3	4.3	6.6	7.6
	DAY-HR	07-05	11-02	13-05	04-16	24-10	05-21	01-02	10-19	17-19	12-17	01-19	04-01	SEP
	# OBS	1451	1348	1463	1463	1463	1410	1632	1558	1432	1470	1379	1488	17557
1997	MEAN	2.4	2.6	1.5	1.5	1.0	0.8	0.8	0.9	1.3	1.4	2.1	2.7	1.6
	MAXIMUM	7.5	7.3	4.4	6.2	4.1	2.4	3.3	2.9	5.3	5.0	6.6	7.9	7.9
	DAY-HR	28-09	06-03	18-08	01-23	11-07	14-02	11-21	12-02	22-17	29-15	09-12	19-03	DEC
	# OBS	1453	1297	1471	1368	1414	1380	1450	1449	1418	1425	1394	1469	16988
1998	MEAN	2.0	2.4	1.7	1.9	1.3	1.1	0.9	1.0	1.5	1.8	1.8	2.0	1.6
	MAXIMUM	6.1	6.8	5.6	4.8	5.0	3.4	2.8	4.5	5.3	6.5	6.9	5.3	6.9
	DAY-HR	31-23	01-00	18-03	01-13	19-09	21-13	22-02	31-23	01-08	16-01	28-12	07-13	NOV
	# OBS	1417	1329	1434	1377	1427	1379	1466	1561	1410	1486	1437	1470	17193
1999	MEAN	1.9	2.0	1.9	1.6	1.4	1.1	0.9	1.0	1.6	1.9	2.2	2.3	1.6
	MAXIMUM	7.1	7.0	6.1	5.4	4.9	3.6	2.2	3.7	7.4	5.3	5.8	7.3	7.4
	DAY-HR	13-20	15-22	19-17	01-10	07-10	28-16	10-12	29-11	22-19	26-08	13-10	19-14	SEP
	# OBS	1473	1317	1439	1425	1484	1431	1472	1465	476	730	676	740	14128
2000	MEAN	1.9	1.9	2.3	1.7	0.9	1.1	0.8	0.9	1.2	1.8	2.2	2.7	1.6
	MAXIMUM	5.4	6.4	5.9	5.8	3.4	3.0	3.0	2.4	4.6	6.1	5.6	7.4	7.4
	DAY-HR	26-19	19-07	16-06	20-23	01-00	19-19	22-05	17-04	11-04	11-04	14-04	18-04	DEC
	# OBS	727	689	409	432	725	714	733	738	707	727	705	743	8049
2001	MEAN	3.1	2.0	-	-	1.4	0.8	0.9	1.0	1.5	1.7	2.0	2.3	1.6
	MAXIMUM	10.9	5.1	-	-	5.3	2.4	1.9	5.5	4.0	4.8	7.0	9.2	10.9
	DAY-HR	19-06	07-00	-	-	07-16	04-18	20-16	28-23	24-09	09-12	18-01	20-21	JAN
	# OBS	733	143	-	-	734	698	742	737	715	741	710	738	6691
POR	MEAN	2.0	2.2	1.7	1.7	1.2	1.0	0.9	0.9	1.4	1.7	1.9	2.3	1.5
	MAXIMUM	10.9	7.3	6.1	6.4	5.3	4.1	3.3	5.5	7.6	6.5	7.0	9.2	10.9
	YEAR	2001	1997	1999	1996	2001	1995	1997	2001	1996	1998	2001	2001	JAN/2001
	# OBS	7254	6123	6216	6065	8004	8443	8975	8982	6951	6579	6301	7853	87746

STATION: 46061

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

Month: JAN

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	8
1 - 3		0.4	0.5	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.2	0.4	3.6	263
4 - 6		1.0	1.4	1.0	1.1	0.8	0.2	0.2	0.1	0.1	0.1	0.2	0.7	7.0	509
7 - 10		3.5	3.1	1.3	2.7	1.4	0.4	0.4	0.2	0.3	0.1	0.2	3.0	16.6	1207
11 - 15		5.5	2.2	2.1	4.3	1.7	1.1	0.7	0.7	0.4	*	0.7	7.4	26.8	1949
16 - 20		2.9	0.6	2.2	5.3	1.7	0.7	0.6	0.9	0.2	-	0.5	5.2	20.8	1511
21 - 24		0.5	-	0.9	4.5	1.3	0.7	0.5	0.3	*	-	0.1	2.2	11.0	799
25 - 33		0.5	*	0.7	5.9	1.8	1.0	0.2	0.2	-	-	0.1	1.4	11.9	862
34 - 47		-	-	0.1	1.6	0.2	0.1	-	-	-	-	-	0.2	2.1	156
> 48		-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	6
TOTAL %	0.0	14.3	7.9	8.9	26.0	9.2	4.3	2.7	2.4	1.2	0.4	2.1	20.6	100.0	
TOTAL N	0	1038	575	647	1892	671	315	197	177	85	27	151	1495		7270

(* < 0.05%)

STATION: 46061

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

Month: FEB

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.0	*	-	-	*	*	-	-	-	-	-	*	-	0.1	4

1 - 3	0.4	0.5	0.4	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.3	3.4	212
4 - 6	1.7	2.1	0.6	0.9	0.4	0.5	0.2	0.3	0.2	0.3	0.1	0.5	7.9	486
7 - 10	4.1	2.3	1.3	1.9	1.2	1.1	0.9	0.5	0.2	0.2	0.1	1.6	15.4	945
11 - 15	3.4	1.4	2.7	5.5	1.8	1.5	1.1	0.6	0.4	*	0.3	3.5	22.2	1367
16 - 20	1.3	0.9	2.9	7.4	1.9	1.9	1.0	0.7	0.3	-	0.6	3.6	22.5	1382
21 - 24	0.8	*	0.8	4.7	1.2	1.4	0.3	0.3	0.1	-	0.3	2.2	12.1	745
25 - 33	0.7	*	0.6	7.6	1.7	0.6	0.3	0.1	-	-	0.4	2.0	14.1	866
34 - 47	*	-	0.1	1.9	0.2	-	-	-	-	-	0.2	-	2.4	148
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	12.4	7.2	9.4	30.1	8.6	7.3	4.1	2.7	1.6	0.7	2.3	13.6	100.0
TOTAL N	0	765	443	576	1854	528	448	255	169	96	44	139	838	6155

(* < 0.05%)

STATION: 46061

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	0.2	0.2	*	-	*	*	*	*	-	-	0.1	*	*	0.7	43
1 - 3	0.8	1.4	0.9	0.7	0.6	0.6	0.8	0.9	0.7	0.5	0.5	0.6	9.1	596	
4 - 6	2.0	1.7	0.9	1.4	1.4	0.8	0.7	0.8	0.6	0.5	0.8	1.2	12.8	838	
7 - 10	3.6	2.5	1.8	3.4	2.0	1.1	0.7	0.6	0.2	0.1	0.3	2.3	18.6	1212	
11 - 15	3.4	2.1	1.8	5.4	2.2	1.8	0.8	0.8	0.2	0.1	0.3	4.0	22.8	1489	
16 - 20	2.9	0.8	1.9	5.9	1.4	1.3	0.6	0.3	0.3	0.1	0.1	2.4	18.1	1180	
21 - 24	1.1	0.4	1.0	3.5	0.8	0.4	0.2	*	*	-	-	0.9	8.4	547	
25 - 33	0.5	*	0.6	6.0	1.0	0.1	*	*	-	-	-	0.3	8.7	570	
34 - 47	0.1	-	*	0.5	0.1	-	-	-	-	-	-	-	0.8	51	
> 48	-	-	-	-	-	*	-	-	-	-	-	-	0.0	1	
TOTAL %	0.2	14.6	9.0	9.0	26.9	9.7	6.2	4.0	3.4	2.0	1.3	2.0	11.8	100.0	
TOTAL N	12	952	590	586	1757	631	403	258	222	130	84	129	773	6527	

(* < 0.05%)

STATION: 46061

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

Month: APR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	0.1	*	*	*	-	-	*	*	*	*	*	0.5	31	
1 - 3	1.1	1.0	0.9	0.6	0.5	0.5	0.7	0.6	0.5	0.3	0.4	0.6	7.7	486	
4 - 6	1.8	2.0	1.3	1.1	1.1	1.1	0.7	0.7	0.5	0.1	0.1	0.7	11.1	701	
7 - 10	4.6	2.5	1.8	4.3	2.2	1.2	1.1	0.8	0.2	*	0.2	2.4	21.3	1352	
11 - 15	4.4	1.5	1.8	7.9	2.6	1.3	0.7	0.5	*	-	0.2	3.5	24.4	1545	
16 - 20	0.5	0.5	1.6	6.4	2.9	1.5	0.8	0.1	-	-	0.1	1.4	15.7	997	
21 - 24	*	*	1.2	4.4	1.3	1.2	0.1	0.1	*	-	0.2	0.3	8.9	562	
25 - 33	-	-	0.7	6.4	1.3	0.7	*	*	-	-	0.2	0.3	9.7	616	
34 - 47	-	-	0.1	0.6	0.1	-	-	-	-	-	-	-	0.8	53	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.1	12.4	7.6	9.4	31.7	12.0	7.5	4.2	2.9	1.3	0.4	1.5	9.0	100.0	
TOTAL N	8	788	482	595	2008	761	478	266	185	80	28	93	571	6343	

(* < 0.05%)

STATION: 46061

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	0.5	0.3	*	*	*	0.1	*	0.1	*	0.1	*	0.1	*	1.4	112
1 - 3	1.3	1.1	1.2	0.7	1.0	1.2	1.6	2.4	1.8	1.6	1.1	1.1	16.2	1302	
4 - 6	2.0	2.1	1.1	1.3	1.7	2.1	2.3	3.2	2.4	0.7	0.5	0.9	20.3	1632	
7 - 10	4.5	2.3	1.2	2.6	3.2	2.6	2.1	1.8	0.8	0.1	0.4	1.7	23.3	1869	
11 - 15	3.6	1.6	0.6	4.5	3.7	1.3	0.7	1.0	0.1	0.2	0.2	2.2	19.8	1588	
16 - 20	0.9	0.2	0.4	3.5	2.2	0.5	0.2	0.2	-	-	0.1	1.4	9.5	763	
21 - 24	-	-	0.5	2.5	1.0	0.4	*	0.1	-	-	0.1	0.1	4.8	383	
25 - 33	-	-	0.2	3.0	1.0	*	*	0.1	-	-	-	-	4.4	350	
34 - 47	-	-	-	0.2	0.2	-	-	-	-	-	-	-	0.4	35	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.5	12.6	7.3	5.2	18.4	14.2	8.2	7.0	8.8	5.2	2.6	2.6	7.5	100.0	
TOTAL N	37	1012	585	421	1477	1137	657	559	706	421	211	211	600	8034	

(* < 0.05%)

STATION: 46061

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

Month: JUN

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	0.4	0.4	*	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1	1.6	136	
1 - 3		1.2	1.3	1.3	1.0	1.2	1.8	2.6	3.5	2.8	1.7	1.3	1.1	20.8	1764	
4 - 6		2.0	1.9	1.1	1.5	2.1	2.8	3.2	4.9	2.7	1.0	0.5	0.7	24.2	2053	
7 - 10		3.3	2.1	1.4	3.2	4.5	3.3	2.7	3.5	1.0	0.2	0.2	1.1	26.4	2239	
11 - 15		2.8	0.5	1.0	3.7	3.6	1.0	0.8	1.6	*	-	0.1	1.5	16.8	1426	
16 - 20		0.8	*	0.6	2.8	1.8	0.2	0.1	0.2	-	-	0.1	0.4	6.8	580	
21 - 24		*	-	0.2	1.3	0.3	*	-	-	-	-	*	0.2	2.1	182	
25 - 33		-	-	*	0.9	0.1	-	-	-	-	-	-	*	1.1	94	
34 - 47		-	-	-	*	-	-	-	-	-	-	-	-	0.0	3	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.4	10.6	5.9	5.8	14.5	13.7	9.2	9.4	13.8	6.6	2.9	2.2	5.1	100.0		
TOTAL N	35	898	500	489	1226	1158	780	800	1166	560	249	183	433		8477	

(* < 0.05%)

STATION: 46061

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

Month: JUL

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	0.3	0.3	*	*	*	*	-	0.1	0.1	0.1	0.1	0.1	*	1.2	105	
1 - 3		1.1	1.2	1.3	1.2	1.4	1.8	2.0	2.5	2.4	1.6	0.9	1.1	18.4	1660	
4 - 6		2.0	2.1	1.0	1.7	2.9	3.0	4.3	4.6	2.6	0.7	0.2	0.5	25.8	2324	
7 - 10		2.4	1.4	1.4	4.5	4.4	2.8	2.4	3.4	1.5	0.1	*	0.7	25.1	2262	
11 - 15		0.9	0.6	1.6	6.3	4.1	1.0	0.8	0.4	0.1	-	*	0.5	16.4	1474	
16 - 20		0.1	*	1.0	5.5	2.0	0.2	0.1	0.1	-	-	*	0.1	9.2	826	
21 - 24		-	-	0.2	2.3	0.2	*	*	*	-	*	0.1	-	2.9	261	
25 - 33		-	-	0.2	0.6	0.1	-	*	*	-	*	-	-	0.9	85	
34 - 47		-	-	-	*	-	-	-	-	-	-	-	-	0.0	2	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.3	6.8	5.4	6.6	22.3	15.1	8.8	9.8	11.3	6.7	2.5	1.4	3.0	100.0		
TOTAL N	31	610	487	598	2005	1361	793	882	1014	600	222	122	274		8999	

(* < 0.05%)

STATION: 46061

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

Month: AUG

WIND SPEED	WIND DIRECTION														TOT %	TOT N
	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.5	0.3	0.1	0.1	0.1	0.1	0.1	*	0.1	0.1	*	0.1	*	1.4	130	
1 - 3		1.1	1.2	1.3	1.0	1.1	1.8	1.8	1.7	1.4	0.8	0.7	1.0	15.1	1362	
4 - 6		2.1	1.9	1.0	1.4	2.0	2.7	3.0	3.7	1.7	0.4	0.3	1.0	21.3	1923	
7 - 10		3.0	1.9	1.7	4.7	5.3	3.1	3.2	2.3	0.8	0.1	0.2	1.2	27.4	2470	
11 - 15		2.8	0.6	1.3	4.8	3.1	1.6	1.1	0.8	0.1	-	0.3	1.9	18.4	1663	
16 - 20		0.4	0.2	1.2	3.5	1.5	0.4	0.2	0.2	-	-	0.2	0.6	8.4	762	
21 - 24		*	0.1	1.3	2.7	0.7	0.1	*	*	-	-	0.1	0.3	5.3	476	
25 - 33		-	-	0.8	1.5	0.2	*	-	-	-	-	-	-	2.5	225	
34 - 47		-	-	-	0.2	-	-	-	-	-	-	-	-	0.2	19	
> 48		-	-	-	*	-	-	-	-	-	-	-	-	0.0	1	
TOTAL %	0.5	9.8	5.9	8.6	19.8	14.1	9.8	9.4	8.8	4.1	1.3	1.9	6.1	100.0		
TOTAL N	42	881	531	781	1789	1269	888	849	797	370	115	169	550		9031	

(* < 0.05%)

STATION: 46061

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

Month: SEP

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	*	*	*	*	*	*	*	*	0.6	45	
1 - 3		0.9	0.9	0.9	0.8	0.7	0.8	0.8	0.6	0.7	0.6	0.5	0.6	8.8	612	
4 - 6		1.6	2.2	1.7	1.5	1.7	1.2	1.2	1.2	1.0	0.3	0.3	0.6	14.7	1028	
7 - 10		4.5	2.5	1.6	4.3	3.1	1.8	1.3	1.3	0.5	0.1	0.4	2.0	23.3	1627	
11 - 15		4.1	1.1	2.0	5.3	3.0	2.9	1.3	0.9	0.2	*	0.3	3.9	25.2	1756	
16 - 20		0.5	0.3	1.2	4.5	2.5	1.4	0.7	0.5	0.1	-	0.1	2.0	13.9	969	
21 - 24		-	*	0.6	2.4	1.5	0.6	0.1	0.4	-	-	0.1	0.2	6.0	418	
25 - 33		-	*	0.6	3.3	1.2	0.2	0.1	0.3	-	-	-	*	5.8	402	
34 - 47		-	-	0.1	1.2	0.3	-	-	-	-	-	-	-	1.6	112	
> 48		-	-	-	0.2	-	-	-	-	-	-	-	-	0.2	12	
TOTAL %	0.2	11.7	7.2	8.9	23.4	14.2	9.1	5.5	5.2	2.5	1.0	1.7	9.3	100.0		
TOTAL N	17	817	503	619	1635	989	636	381	364	177	69	122	652		6981	

(* < 0.05%)

STATION: 46061

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

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.0	*	*	-	*	*	-	-	-	-	-	-	*	0.2	10
1 - 3		0.5	0.6	0.4	0.4	0.4	0.2	0.1	0.1	0.2	0.2	0.3	0.2	3.5	231
4 - 6		1.4	1.3	0.8	0.6	0.6	0.2	0.4	0.5	0.4	0.3	0.2	0.7	7.3	481
7 - 10		4.5	2.4	1.5	1.6	0.9	0.8	0.7	0.5	0.3	0.2	0.9	4.2	18.4	1212
11 - 15		4.4	2.5	2.4	2.6	1.3	1.4	1.5	0.7	0.1	0.4	1.2	10.1	28.5	1876
16 - 20		2.3	1.0	1.8	3.8	1.1	1.0	1.1	1.0	0.1	0.2	0.9	7.2	21.7	1426
21 - 24		0.2	0.1	1.3	3.9	0.9	0.4	0.7	0.4	*	0.1	0.7	1.6	10.3	675
25 - 33		-	-	0.9	5.8	1.1	0.3	0.2	0.1	-	-	0.6	0.3	9.2	604
34 - 47		-	-	*	0.9	*	*	-	-	-	-	-	-	1.0	68
> 48		-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	13.3	7.9	9.2	19.7	6.2	4.3	4.5	3.3	1.2	1.4	4.6	24.3	100.0	
TOTAL N	3	876	518	607	1296	411	285	298	218	76	91	303	1602		6584

(* < 0.05%)

STATION: 46061

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	0.0	*	*	*	-	-	*	-	*	-	-	-	-	0.1	6
1 - 3		0.3	0.4	0.6	0.5	0.3	0.2	0.2	0.2	0.2	0.3	0.1	0.2	3.3	210
4 - 6		0.9	1.7	1.4	1.5	0.6	0.3	0.3	0.4	0.3	0.3	0.2	0.5	8.3	526
7 - 10		4.7	4.1	2.6	2.0	1.6	1.2	0.6	0.5	0.6	0.3	0.3	2.5	21.1	1332
11 - 15		3.4	3.2	3.0	3.5	2.8	1.5	0.9	0.6	0.3	0.1	0.5	5.6	25.2	1593
16 - 20		0.8	0.6	2.4	5.9	2.3	2.0	1.0	0.7	0.1	*	0.1	4.2	20.1	1266
21 - 24		0.1	-	0.7	5.0	1.2	0.6	0.2	0.3	*	-	-	0.5	8.7	549
25 - 33		*	-	0.4	6.8	1.8	0.9	0.2	0.2	-	-	-	0.1	10.4	654
34 - 47		-	-	-	1.7	0.6	0.4	*	-	-	-	-	-	2.8	175
> 48		-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	10.1	9.9	11.1	26.9	11.2	7.3	3.3	2.9	1.4	1.1	1.3	13.5	100.0	
TOTAL N	0	640	624	702	1699	704	458	207	182	90	70	85	851		6312

(* < 0.05%)

STATION: 46061

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	0.0	*	-	-	-	-	-	-	-	-	*	-	-	0.0	3
1 - 3		0.4	0.5	0.4	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.3	3.0	232
4 - 6		1.0	1.9	1.4	0.7	0.6	0.5	0.2	0.3	0.3	0.2	0.2	0.3	7.7	606
7 - 10		2.5	3.7	1.8	1.7	1.0	0.8	0.6	1.1	0.6	0.2	0.4	1.9	16.3	1281
11 - 15		2.6	2.8	2.2	3.1	1.9	1.5	1.5	0.8	0.1	0.5	3.9	22.6	1773	
16 - 20		1.2	0.9	2.6	4.9	2.5	1.6	1.7	1.6	0.4	0.2	3.3	21.1	1660	
21 - 24		0.8	0.1	1.1	4.1	1.6	0.9	0.7	0.6	*	-	0.1	1.4	11.3	887
25 - 33		0.6	-	1.6	7.1	2.6	1.0	0.3	0.4	*	-	0.1	1.1	14.7	1156
34 - 47		-	-	0.1	2.1	0.8	0.1	*	-	-	-	-	-	3.0	234
> 48		*	*	*	0.1	*	*	*	-	-	*	*	*	0.2	19
TOTAL %	0.0	9.0	10.0	11.4	23.8	11.4	6.5	5.2	5.6	2.3	0.9	1.7	12.1	100.0	
TOTAL N	0	708	788	892	1871	896	509	412	440	180	72	135	948		7851

(* < 0.05%)

STATION: 46061

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	0.2	0.2	*	*	*	*	*	*	*	*	*	*	*	0.7	633
1 - 3		0.8	0.9	0.9	0.7	0.7	0.9	1.0	1.2	1.0	0.7	0.6	0.7	10.1	8930
4 - 6		1.6	1.9	1.1	1.3	1.4	1.4	1.6	1.9	1.2	0.4	0.3	0.7	14.8	13107
7 - 10		3.7	2.5	1.6	3.1	2.7	1.8	1.5	1.5	0.6	0.1	0.3	2.0	21.5	19008
11 - 15		3.3	1.6	1.8	4.7	2.7	1.5	1.0	0.9	0.2	0.1	0.4	3.8	22.0	19499
16 - 20		1.2	0.5	1.6	4.8	2.0	1.0	0.6	0.5	0.1	*	0.2	2.5	15.0	13322
21 - 24		0.3	0.1	0.8	3.3	1.0	0.5	0.2	0.2	*	*	0.1	0.8	7.3	6484
25 - 33		0.2	*	0.6	4.3	1.1	0.4	0.1	0.1	*	*	0.1	0.4	7.3	6484
34 - 47		*	-	*	0.9	0.2	*	*	-	-	-	*	*	1.2	1056
> 48		*	*	*	*	*	*	*	-	-	*	*	*	0.0	41

TOTAL %	0.2	11.3	7.5	8.5	23.2	11.9	7.5	6.1	6.4	3.2	1.4	2.1	10.8	100.0
TOTAL N	185	9985	6626	7513	20509	10516	6650	5364	5640	2865	1282	1842	9587	88564

(* < 0.05%)

STATION: 46061

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	0.0	*	*	*	*	*	*	*	*	*	*	*	*	*	0.1	15
1 - 3		0.4	0.5	0.5	0.3	0.3	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	3.3	707
4 - 6		1.2	1.8	1.0	0.9	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.5	7.5	1601
7 - 10		3.3	3.1	1.5	2.1	1.2	0.8	0.6	0.6	0.4	0.2	0.3	2.2	16.1	3433	
11 - 15		3.8	2.2	2.3	4.2	1.8	1.3	1.1	1.0	0.6	0.1	0.5	5.0	23.9	5089	
16 - 20		1.8	0.8	2.6	5.7	2.0	1.4	1.1	1.1	0.3	0.1	0.4	4.0	21.4	4553	
21 - 24		0.7	*	1.0	4.4	1.4	1.0	0.5	0.4	0.1	-	0.2	1.9	11.4	2431	
25 - 33		0.6	*	1.0	6.8	2.1	0.9	0.3	0.2	*	-	0.2	1.5	13.6	2884	
34 - 47		*	-	0.1	1.9	0.4	*	*	-	-	-	0.1	0.1	2.5	538	
> 48		*	*	*	0.1	*	*	*	-	-	*	*	*	0.1	25	
TOTAL %	0.0	11.8	8.5	9.9	26.4	9.8	6.0	4.1	3.7	1.7	0.7	2.0	15.4	100.0		
TOTAL N	0	2511	1806	2115	5617	2095	1272	864	786	361	143	425	3281	21276		

(* < 0.05%)

STATION: 46061

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	0.3	0.2	*	*	*	*	*	0.1	*	*	*	0.1	*	0.9	186
1 - 3		1.1	1.2	1.0	0.7	0.7	0.8	1.1	1.4	1.1	0.9	0.7	0.8	11.4	2384
4 - 6		1.9	2.0	1.1	1.3	1.4	1.4	1.3	1.7	1.3	0.4	0.5	0.9	15.2	3171
7 - 10		4.2	2.4	1.6	3.3	2.5	1.7	1.4	1.1	0.4	0.1	0.3	2.1	21.2	4433
11 - 15		3.7	1.7	1.3	5.8	2.9	1.5	0.7	0.8	0.1	0.1	0.2	3.1	22.1	4622
16 - 20		1.4	0.5	1.2	5.1	2.2	1.0	0.5	0.2	0.1	*	0.1	1.7	14.1	2940
21 - 24		0.3	0.1	0.9	3.4	1.0	0.7	0.1	0.1	*	-	0.1	0.4	7.1	1492
25 - 33		0.2	*	0.5	5.0	1.1	0.2	*	*	-	-	0.1	0.2	7.3	1536
34 - 47		*	-	*	0.5	0.1	-	-	-	-	-	-	-	0.7	139
> 48		-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
TOTAL %	0.3	13.2	7.9	7.7	25.1	12.1	7.4	5.2	5.3	3.0	1.5	2.1	9.3	100.0	
TOTAL N	57	2752	1657	1602	5242	2529	1538	1083	1113	631	323	433	1944	20904	

(* < 0.05%)

STATION: 46061

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	0.4	0.3	*	0.1	0.1	0.1	*	0.1	0.1	0.1	0.1	0.1	*	1.4	371
1 - 3		1.2	1.2	1.3	1.1	1.2	1.8	2.1	2.6	2.2	1.3	1.0	1.1	18.1	4786
4 - 6		2.0	2.0	1.0	1.5	2.3	2.8	3.5	4.4	2.3	0.7	0.3	0.8	23.8	6300
7 - 10		2.9	1.8	1.5	4.1	4.7	3.0	2.8	3.1	1.1	0.1	0.2	1.0	26.3	6971
11 - 15		2.2	0.6	1.3	5.0	3.6	1.2	0.9	0.9	0.1	-	0.1	1.3	17.2	4563
16 - 20		0.4	0.1	0.9	4.0	1.8	0.3	0.1	0.2	-	-	0.1	0.4	8.2	2168
21 - 24		*	*	0.6	2.1	0.4	0.1	*	*	-	*	0.1	0.2	3.5	919
25 - 33		-	-	0.4	1.0	0.1	*	*	*	-	*	-	*	1.5	404
34 - 47		-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	24
> 48		-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.4	9.0	5.7	7.0	18.9	14.3	9.3	9.5	11.2	5.8	2.2	1.8	4.7	100.0	
TOTAL N	108	2389	1518	1868	5020	3788	2461	2531	2977	1530	586	474	1257	26507	

(* < 0.05%)

STATION: 46061

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	*	*	*	*	*	*	*	*	*	*	*	0.3	61
1 - 3		0.6	0.6	0.7	0.5	0.5	0.4	0.4	0.3	0.4	0.4	0.3	0.3	5.3	1053
4 - 6		1.3	1.7	1.3	1.2	1.0	0.6	0.6	0.7	0.6	0.3	0.3	0.6	10.2	2035
7 - 10		4.6	3.0	1.9	2.7	1.9	1.3	0.9	0.8	0.5	0.2	0.5	2.9	21.0	4171
11 - 15		4.0	2.2	2.5	3.8	2.3	2.0	1.2	0.7	0.2	0.2	0.7	6.5	26.3	5225
16 - 20		1.2	0.6	1.8	4.7	2.0	1.5	0.9	0.7	0.1	0.1	0.3	4.4	18.4	3661
21 - 24		0.1	*	0.9	3.7	1.2	0.6	0.3	0.4	*	*	0.3	0.7	8.3	1642
25 - 33		*	*	0.6	5.2	1.4	0.5	0.1	0.2	-	-	0.2	0.1	8.4	1660
34 - 47		-	-	*	1.3	0.3	0.1	*	-	-	-	-	-	1.8	355
> 48		-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	14

TOTAL %	0.1	11.7	8.3	9.7	23.3	10.6	6.9	4.5	3.8	1.7	1.2	2.6	15.6	100.0		
TOTAL N	20	2333	1645	1928	4630	2104	1379	886	764	343	230	510	3105		19877	

(* < 0.05%)

STATION: 46061

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

Month: JAN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.1	8
1 - 3	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	3.6	263
4 - 6	-	1.8	1.3	0.4	0.1	-	-	-	-	-	-	-	-	-	-	7.0	509
7 - 10	-	3.3	2.6	1.0	0.1	*	-	-	-	-	-	-	-	-	-	16.6	1206
11 - 15	-	8.0	6.0	2.1	0.4	0.1	-	-	-	-	-	-	-	-	-	26.9	1948
16 - 20	-	13.3	8.8	3.8	0.9	0.1	*	-	-	-	-	-	-	-	-	20.8	1507
21 - 24	-	7.1	8.2	4.0	1.2	0.2	0.1	-	-	-	-	-	-	-	-	11.0	796
25 - 33	-	1.8	4.9	2.5	1.3	0.3	*	-	-	-	-	-	-	-	-	11.8	857
34 - 47	-	0.4	3.4	3.7	2.9	1.1	0.2	0.1	-	-	-	-	-	-	-	2.1	153
> 48	-	-	0.2	0.1	0.6	0.5	0.3	0.1	*	0.1	*	*	-	-	-	0.1	7
TOTAL %	0.0	35.9	35.5	17.6	7.6	2.4	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2602	2576	1280	550	172	48	15	4	5	1	1	0	0	0		7254

(* < 0.05%)

STATION: 46061

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

Month: FEB

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.1	4
1 - 3	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	3.4	210
4 - 6	-	1.8	1.5	0.1	*	-	-	-	-	-	-	-	-	-	-	7.9	484
7 - 10	-	3.4	3.6	0.8	*	-	-	-	-	-	-	-	-	-	-	15.4	941
11 - 15	-	6.4	6.4	2.1	0.4	*	-	-	-	-	-	-	-	-	-	22.3	1364
16 - 20	-	8.0	10.0	4.2	1.1	0.1	-	-	-	-	-	-	-	-	-	22.5	1375
21 - 24	-	5.0	11.2	4.7	1.5	0.1	*	-	-	-	-	-	-	-	-	12.1	740
25 - 33	-	1.9	5.5	3.5	1.0	0.2	*	*	-	-	-	-	-	-	-	14.0	858
34 - 47	-	0.7	3.8	5.1	2.6	1.3	0.5	0.1	-	-	-	-	-	-	-	2.4	147
> 48	-	-	0.2	0.1	0.5	0.6	0.8	0.1	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	26.0	42.2	20.7	7.2	2.3	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1595	2583	1267	439	142	82	15	0	0	0	0	0	0	0		6123

(* < 0.05%)

STATION: 46061

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

Month: MAR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.7	43
1 - 3	-	0.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	9.4	583
4 - 6	0.2	6.4	2.7	*	-	-	-	-	-	-	-	-	-	-	-	13.2	820
7 - 10	0.1	8.6	4.2	0.3	-	-	-	-	-	-	-	-	-	-	-	18.8	1168
11 - 15	*	10.5	7.1	1.0	0.1	-	-	-	-	-	-	-	-	-	-	22.6	1405
16 - 20	0.3	10.2	9.9	1.8	0.3	*	-	-	-	-	-	-	-	-	-	17.8	1108
21 - 24	0.1	6.2	8.0	2.7	0.6	0.1	-	-	-	-	-	-	-	-	-	8.3	514
25 - 33	-	1.6	4.4	1.9	0.4	0.1	-	-	-	-	-	-	-	-	-	8.5	527
34 - 47	-	0.2	2.3	3.4	1.7	0.7	0.2	-	-	-	-	-	-	-	-	0.7	45
> 48	-	-	0.1	*	0.1	0.4	*	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.8	44.2	38.9	11.3	3.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	47	2748	2419	701	201	83	17	0	0	0	0	0	0	0	0		6216

(* < 0.05%)

STATION: 46061

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

Month: APR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.5	31
1 - 3	-	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	7.6	458

4 - 6	0.1	6.6	3.7	0.4	-	-	-	-	-	-	-	-	-	-	-	-	10.8	655
7 - 10	0.3	13.1	6.1	1.1	*	-	-	-	-	-	-	-	-	-	-	-	20.6	1249
11 - 15	*	12.7	9.4	2.0	0.2	*	-	-	-	-	-	-	-	-	-	-	24.3	1471
16 - 20	*	4.1	8.6	2.5	0.6	0.2	*	-	-	-	-	-	-	-	-	-	16.0	973
21 - 24	-	1.0	5.0	2.4	0.6	0.1	-	-	-	-	-	-	-	-	-	-	9.2	555
25 - 33	-	0.4	2.6	4.6	1.8	0.5	0.1	-	-	-	-	-	-	-	-	-	10.1	615
34 - 47	-	-	-	0.2	0.4	0.2	0.1	-	-	-	-	-	-	-	-	-	0.9	52
> 48	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	6
TOTAL %	0.4	44.0	37.2	13.4	3.6	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	27	2668	2259	811	221	68	11	0	0	0	0	0	0	0	0	0		6065

(* < 0.05%)

STATION: 46061

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

Month: MAY

		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	-	1.4	112
	1 - 3	1.7	12.4	1.4	0.4	0.1	*	-	-	-	-	-	-	-	-	-	16.1	1289
	4 - 6	2.2	15.4	2.4	0.2	*	*	-	-	-	-	-	-	-	-	-	20.3	1622
	7 - 10	2.7	17.1	3.1	0.3	*	*	-	-	-	-	-	-	-	-	-	23.3	1863
	11 - 15	1.7	13.7	3.8	0.4	0.1	0.1	-	-	-	-	-	-	-	-	-	19.8	1583
	16 - 20	0.2	5.2	3.4	0.6	*	*	-	-	-	-	-	-	-	-	-	9.5	760
	21 - 24	*	0.7	2.8	1.0	0.1	-	-	-	-	-	-	-	-	-	-	4.8	382
	25 - 33	-	*	1.3	1.8	1.0	0.2	-	-	-	-	-	-	-	-	-	4.3	348
	34 - 47	-	-	*	0.1	0.2	0.1	-	-	-	-	-	-	-	-	-	0.4	35
	> 48	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	10
TOTAL %		8.7	65.8	18.4	5.0	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		697	5269	1473	398	134	33	0	0	0	0	0	0	0	0	0		8004

(* < 0.05%)

STATION: 46061

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

Month: JUN

		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	-	1.6	136
	1 - 3	0.6	18.9	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	20.7	1749
	4 - 6	1.1	20.9	2.2	*	-	-	-	-	-	-	-	-	-	-	-	24.2	2044
	7 - 10	0.6	22.6	3.0	0.2	*	*	-	-	-	-	-	-	-	-	-	26.5	2234
	11 - 15	0.2	12.9	3.2	0.5	*	-	-	-	-	-	-	-	-	-	-	16.8	1422
	16 - 20	0.1	4.3	2.2	0.1	0.1	-	-	-	-	-	-	-	-	-	-	6.9	579
	21 - 24	-	0.7	1.1	0.3	*	-	-	-	-	-	-	-	-	-	-	2.1	181
	25 - 33	-	0.1	0.8	0.2	*	-	-	-	-	-	-	-	-	-	-	1.1	94
	34 - 47	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	3
	> 48	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %		2.5	81.9	13.9	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		208	6918	1173	130	14	0	0	0	0	0	0	0	0	0	0		8443

(* < 0.05%)

STATION: 46061

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

Month: JUL

		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	-	1.2	105
	1 - 3	1.6	16.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	18.5	1656
	4 - 6	2.4	23.0	0.5	-	-	-	-	-	-	-	-	-	-	-	-	25.8	2319
	7 - 10	1.8	22.4	1.0	-	-	-	-	-	-	-	-	-	-	-	-	25.1	2253
	11 - 15	0.7	13.9	1.7	-	-	-	-	-	-	-	-	-	-	-	-	16.4	1471
	16 - 20	*	6.8	2.3	*	-	-	-	-	-	-	-	-	-	-	-	9.2	823
	21 - 24	-	1.3	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	2.9	260
	25 - 33	-	*	0.4	0.4	-	-	-	-	-	-	-	-	-	-	-	0.9	84
	34 - 47	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
	> 48	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %		6.7	85.2	7.6	0.6	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		597	7647	681	50	0	0	0	0	0	0	0	0	0	0	0		8975

(* < 0.05%)

STATION: 46061

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	>13.4	TOT %	TOT N
1 - 3	0.2	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.4	130
4 - 6	2.4	12.1	0.6	0.1	*	-	-	-	-	-	-	-	-	-	-	15.1	1356
7 - 10	3.3	17.1	0.8	*	*	-	-	-	-	-	-	-	-	-	-	21.3	1912
11 - 15	3.0	22.9	1.5	0.1	*	-	-	-	-	-	-	-	-	-	-	27.4	2458
16 - 20	0.9	14.6	2.7	0.1	-	-	-	-	-	-	-	-	-	-	-	18.4	1650
21 - 24	*	5.7	2.6	0.1	*	-	-	-	-	-	-	-	-	-	-	8.4	756
25 - 33	-	1.6	3.4	0.3	*	-	-	-	-	-	-	-	-	-	-	5.3	473
34 - 47	-	0.1	1.9	0.4	0.1	-	-	-	-	-	-	-	-	-	-	2.5	224
> 48	-	-	-	*	0.1	*	*	-	-	-	-	-	-	-	-	0.2	18
TOTAL %	9.8	75.2	13.6	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	882	6750	1222	96	28	3	1	0	0	0	0	0	0	0	0		8982

(* < 0.05%)

STATION: 46061

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	>13.4	TOT %	TOT N
1 - 3	*	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.6	45
4 - 6	0.7	7.0	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	8.7	608
7 - 10	1.2	11.4	1.9	0.2	-	-	-	-	-	-	-	-	-	-	-	14.7	1025
11 - 15	1.4	17.5	3.9	0.5	*	-	-	-	-	-	-	-	-	-	-	23.3	1620
16 - 20	1.1	16.5	5.9	1.4	0.1	*	-	-	-	-	-	-	-	-	-	25.0	1741
21 - 24	*	7.0	4.9	1.6	0.4	-	-	-	-	-	-	-	-	-	-	13.9	964
25 - 33	-	1.0	2.9	1.3	0.7	0.1	-	-	-	-	-	-	-	-	-	6.0	418
34 - 47	-	0.2	1.7	2.4	1.4	0.1	-	-	-	-	-	-	-	-	-	5.7	399
> 48	-	*	*	0.3	0.5	0.4	0.2	0.1	*	-	-	-	-	-	-	1.6	112
TOTAL %	4.5	61.2	22.3	7.7	3.2	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	314	4252	1548	537	223	46	20	9	2	0	0	0	0	0	0		6951

(* < 0.05%)

STATION: 46061

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	>13.4	TOT %	TOT N
1 - 3	*	0.1	*	*	-	-	-	-	-	-	-	-	-	-	-	0.2	10
4 - 6	0.2	2.4	0.8	0.2	-	-	-	-	-	-	-	-	-	-	-	3.5	231
7 - 10	0.3	4.6	1.9	0.4	*	-	-	-	-	-	-	-	-	-	-	7.3	481
11 - 15	0.2	10.9	5.8	1.4	0.1	-	-	-	-	-	-	-	-	-	-	18.4	1212
16 - 20	0.1	15.5	9.9	2.8	0.2	*	-	-	-	-	-	-	-	-	-	28.5	1874
21 - 24	-	10.4	8.0	2.1	0.9	0.2	-	*	-	-	-	-	-	-	-	21.6	1424
25 - 33	-	3.2	4.5	1.6	0.7	0.2	-	-	-	-	-	-	-	-	-	10.3	675
34 - 47	-	0.6	2.2	3.5	2.0	0.7	0.1	*	-	-	-	-	-	-	-	9.2	602
> 48	-	-	*	0.3	0.5	0.1	0.1	*	-	-	-	-	-	-	-	1.0	68
TOTAL %	0.8	47.7	33.3	12.2	4.6	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	53	3140	2191	802	301	79	10	3	0	0	0	0	0	0	0		6579

(* < 0.05%)

STATION: 46061

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	>13.4	TOT %	TOT N
1 - 3	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	6
4 - 6	-	1.8	1.3	0.2	-	-	-	-	-	-	-	-	-	-	-	3.3	209
7 - 10	-	4.9	3.1	0.3	-	-	-	-	-	-	-	-	-	-	-	8.3	526
11 - 15	-	12.6	7.3	1.1	0.1	-	-	-	-	-	-	-	-	-	-	21.1	1330
16 - 20	-	10.3	12.0	2.4	0.3	*	-	-	-	-	-	-	-	-	-	25.2	1588
21 - 24	-	5.0	10.4	3.7	0.7	0.2	*	-	-	-	-	-	-	-	-	20.1	1264
25 - 33	-	0.9	4.4	2.5	0.6	0.2	*	-	-	-	-	-	-	-	-	8.7	548
34 - 47	-	0.1	2.6	4.0	2.3	1.0	0.3	-	-	-	-	-	-	-	-	10.4	653
> 48	-	-	0.1	0.2	0.5	1.0	0.9	0.1	-	-	-	-	-	-	-	2.7	173

> 48	-	*	*	-	-	-	-	*	-	-	-	-	-	-	-	0.1	4
TOTAL %	0.0	35.8	41.3	14.4	4.6	2.5	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2253	2603	910	292	157	79	7	0	0	0	0	0	0	0	6301	

(* < 0.05%)

STATION: 46061

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	>13.4	0.0	3
1 - 3	-	1.5	1.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	3.0	232
4 - 6	-	3.9	3.0	0.8	0.1	-	-	-	-	-	-	-	-	-	-	7.7	606
7 - 10	*	6.4	6.9	2.4	0.5	*	-	-	-	-	-	-	-	-	-	16.2	1272
11 - 15	-	6.7	10.6	3.7	1.4	0.2	-	-	-	-	-	-	-	-	-	22.6	1772
16 - 20	-	3.4	10.5	5.0	1.8	0.3	*	*	-	-	-	-	-	-	-	21.1	1660
21 - 24	-	0.8	5.0	3.6	1.5	0.4	*	*	-	-	-	-	-	-	-	11.3	887
25 - 33	-	0.4	3.5	4.7	3.6	1.8	0.7	0.1	-	-	-	-	-	-	-	14.7	1154
34 - 47	-	-	*	0.3	0.6	0.8	0.8	0.3	0.1	*	-	-	-	-	-	2.9	229
> 48	-	-	0.1	0.2	0.2	*	*	*	*	-	-	-	-	-	-	0.5	38
TOTAL %	0.0	23.0	40.6	20.9	9.7	3.6	1.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	1806	3192	1640	765	283	122	35	8	1	0	0	0	0	0	7853	

(* < 0.05%)

STATION: 46061

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

All Months: Annual

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	0.7	633
1 - 3	0.7	8.0	1.2	0.2	*	*	-	-	-	-	-	-	-	-	-	10.1	8844
4 - 6	1.0	11.0	2.4	0.3	*	*	-	-	-	-	-	-	-	-	-	14.8	13003
7 - 10	0.9	14.8	4.6	1.0	0.1	*	-	-	-	-	-	-	-	-	-	21.4	18806
11 - 15	0.5	12.4	6.9	1.8	0.4	*	*	-	-	-	-	-	-	-	-	22.0	19289
16 - 20	*	5.8	6.3	2.1	0.6	0.1	*	*	-	-	-	-	-	-	-	15.0	13193
21 - 24	*	1.4	3.6	1.6	0.6	0.1	*	*	-	-	-	-	-	-	-	7.3	6429
25 - 33	-	0.2	2.1	2.7	1.5	0.6	0.2	*	-	-	-	-	-	-	-	7.3	6415
34 - 47	-	*	*	0.1	0.3	0.3	0.2	0.1	*	*	*	*	-	-	-	1.2	1037
> 48	*	*	*	*	*	*	*	*	*	*	*	-	-	-	-	0.1	97
TOTAL %	3.2	54.3	27.3	9.8	3.6	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2826	47648	23920	8622	3168	1066	390	84	14	6	1	1	0	0	0	87746	

(* < 0.05%)

STATION: 46061

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

Months: DEC, JAN, FEB (Winter)

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	0.1	15
1 - 3	-	1.7	1.3	0.3	0.1	-	-	-	-	-	-	-	-	-	-	3.3	705
4 - 6	-	3.6	3.0	0.8	0.1	*	-	-	-	-	-	-	-	-	-	7.5	1599
7 - 10	*	6.9	6.4	2.2	0.4	*	-	-	-	-	-	-	-	-	-	16.1	3419
11 - 15	-	9.0	9.8	3.9	1.1	0.1	*	-	-	-	-	-	-	-	-	23.9	5084
16 - 20	-	5.1	9.9	4.6	1.5	0.2	*	*	-	-	-	-	-	-	-	21.4	4542
21 - 24	-	1.5	5.1	3.2	1.3	0.3	*	*	-	-	-	-	-	-	-	11.4	2423
25 - 33	-	0.5	3.5	4.5	3.0	1.4	0.5	0.1	-	-	-	-	-	-	-	13.5	2869
34 - 47	-	-	0.1	0.2	0.6	0.7	0.6	0.2	*	*	*	*	-	-	-	2.5	529
> 48	-	-	*	0.1	0.1	*	*	*	*	*	-	-	-	-	-	0.2	45
TOTAL %	0.0	28.3	39.3	19.7	8.3	2.8	1.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	6003	8351	4187	1754	597	252	65	12	6	1	1	0	0	0	21230	

(* < 0.05%)

STATION: 46061

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

Months: MAR, APR, MAY (Spring)

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	0.9	186
1 - 3	0.7	8.5	1.9	0.2	*	*	-	-	-	-	-	-	-	-	-	11.5	2330

19.5 - 20.4	0.1	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	97
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	9
TOTAL %	9.8	75.2	13.6	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	882	6750	1222	96	28	3	1	0	0	0	0	0	0	0	0	0		8982

(* < 0.05%)

STATION: 46061

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

Month: SEP

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
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	26
3.5 - 4.4	-	1.3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	95
4.5 - 5.4	*	3.0	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	283
5.5 - 6.4	0.1	5.4	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	7.9	549
6.5 - 7.4	0.2	9.0	1.7	0.6	*	-	-	-	-	-	-	-	-	-	-	-	11.5	802
7.5 - 8.4	0.2	17.0	4.5	1.4	0.3	*	-	-	-	-	-	-	-	-	-	-	23.5	1633
8.5 - 9.4	0.1	8.9	4.5	0.7	0.3	*	*	-	-	-	-	-	-	-	-	-	14.5	1010
9.5 - 10.4	0.2	5.6	5.4	1.1	0.3	*	*	*	-	-	-	-	-	-	-	-	12.6	874
10.5 - 11.4	0.1	3.5	2.2	2.4	1.1	0.2	0.1	0.1	-	-	-	-	-	-	-	-	9.7	677
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.9	2.5	0.7	1.3	0.9	0.2	0.1	0.1	*	-	-	-	-	-	-	-	6.8	475
13.5 - 14.4	2.0	3.2	-	0.1	0.3	0.1	*	-	-	-	-	-	-	-	-	-	5.6	389
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.5	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	94
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	0.1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	43
TOTAL %	4.5	61.2	22.3	7.7	3.2	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	314	4252	1548	537	223	46	20	9	2	0	0	0	0	0	0	0		6951

(* < 0.05%)

STATION: 46061

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	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
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	30
3.5 - 4.4	-	2.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	166
4.5 - 5.4	-	5.4	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	418
5.5 - 6.4	0.1	2.8	3.1	0.3	*	-	-	-	-	-	-	-	-	-	-	-	6.2	410
6.5 - 7.4	*	2.9	1.9	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	5.7	374
7.5 - 8.4	*	9.0	4.3	1.7	0.7	*	-	-	-	-	-	-	-	-	-	-	15.7	1036
8.5 - 9.4	-	7.4	4.9	1.0	0.5	*	-	-	-	-	-	-	-	-	-	-	13.9	915
9.5 - 10.4	*	5.9	8.3	2.3	0.5	0.3	0.1	*	-	-	-	-	-	-	-	-	17.4	1143
10.5 - 11.4	-	4.0	6.2	3.4	1.3	0.6	0.1	*	-	-	-	-	-	-	-	-	15.5	1019
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	2.1	2.7	2.4	1.1	0.3	-	-	-	-	-	-	-	-	-	-	8.6	564
13.5 - 14.4	0.5	2.8	0.9	0.3	0.3	*	-	-	-	-	-	-	-	-	-	-	4.9	325
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	2.4	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	2.5	167
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	12
TOTAL %	0.8	47.7	33.3	12.2	4.6	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	53	3140	2191	802	301	79	10	3	0	0	0	0	0	0	0	0		6579

(* < 0.05%)

STATION: 46061

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

Month: NOV

19.5 - 20.4	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	30
TOTAL %	3.8	52.7	30.3	9.4	2.7	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	771	10685	6151	1910	556	184	28	0	0	0	0	0	0	0	0	0		20285

(* < 0.05%)

STATION: 46061

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	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	137
3.5 - 4.4	*	2.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6	675
4.5 - 5.4	0.1	4.8	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5	1440
5.5 - 6.4	0.4	7.8	1.6	*	-	-	-	-	-	-	-	-	-	-	-	-	9.8	2595
6.5 - 7.4	0.4	11.3	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	13.5	3566
7.5 - 8.4	0.3	19.8	2.4	0.3	*	-	-	-	-	-	-	-	-	-	-	-	22.8	6010
8.5 - 9.4	*	8.5	1.7	0.1	*	-	-	-	-	-	-	-	-	-	-	-	10.4	2735
9.5 - 10.4	*	5.0	1.9	0.1	*	*	-	-	-	-	-	-	-	-	-	-	7.0	1850
10.5 - 11.4	0.1	2.2	1.5	0.3	*	*	*	-	-	-	-	-	-	-	-	-	4.2	1109
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	1.2	2.5	0.3	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	4.2	1098
13.5 - 14.4	2.4	8.5	*	*	*	-	-	-	-	-	-	-	-	-	-	-	10.9	2873
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	1.3	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	1954
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	0.1	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	343
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	9
25.5 - 26.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
26.5 - 27.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
27.5 - 28.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
28.5 - 29.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
29.5 - 30.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
30.5 - 31.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
31.5 - 32.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
32.5 - 33.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	6.4	80.7	11.7	1.0	0.2	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	1687	21315	3076	276	42	3	1	0	0	0	0	0	0	0	0	0		26400

(* < 0.05%)

STATION: 46061

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	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	60
3.5 - 4.4	-	1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	289
4.5 - 5.4	*	3.3	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	836
5.5 - 6.4	0.1	3.1	2.5	0.2	*	-	-	-	-	-	-	-	-	-	-	-	5.9	1163
6.5 - 7.4	0.1	4.4	1.9	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	7.4	1468
7.5 - 8.4	0.1	10.7	4.0	1.5	0.6	0.1	-	-	-	-	-	-	-	-	-	-	17.0	3373
8.5 - 9.4	*	7.6	4.7	1.0	0.4	0.1	*	-	-	-	-	-	-	-	-	-	13.9	2759
9.5 - 10.4	0.1	6.7	7.7	1.6	0.4	0.2	0.1	*	-	-	-	-	-	-	-	-	16.8	3328
10.5 - 11.4	*	4.5	6.2	3.2	1.0	0.4	0.1	*	-	-	-	-	-	-	-	-	15.7	3106
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.3	2.5	3.2	2.5	1.2	0.4	0.2	*	*	-	-	-	-	-	-	-	10.4	2058
13.5 - 14.4	0.9	2.5	0.6	0.4	0.4	0.2	0.1	*	-	-	-	-	-	-	-	-	5.1	1008
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	0.2	1.4	0.1	*	*	-	-	-	-	-	-	-	-	-	-	-	1.6	327
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	*	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	55
TOTAL %	1.9	48.6	32.0	11.3	4.1	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	367	9645	6342	2249	816	282	109	19	2	0	0	0	0	0	0	0		19831

(* < 0.05%)

STATION: 46061

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

Month: JAN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	4.9	0.5	-	-	-	-	-	-	-	-	-	-	-	-	5.4	395
4.5 - 5.4	-	13.8	7.1	0.2	-	-	-	-	-	-	-	-	-	-	-	21.1	1531
5.5 - 6.4	-	11.6	11.1	4.2	0.6	-	-	-	-	-	-	-	-	-	-	27.4	1991
6.5 - 7.4	-	4.2	10.6	5.4	2.7	0.7	*	-	-	-	-	-	-	-	-	23.7	1721
7.5 - 8.4	-	0.9	5.2	5.2	2.6	1.0	0.3	*	-	-	-	-	-	-	-	15.2	1102
8.5 - 9.4	-	0.4	1.0	2.4	1.5	0.4	0.2	0.1	*	-	-	-	-	-	-	6.1	441
9.5 - 10.4	-	-	0.1	0.2	0.2	0.2	0.1	0.1	*	0.1	*	-	-	-	-	0.9	65
10.5 - 11.4	-	-	-	-	*	*	-	-	-	-	-	*	-	-	-	0.1	7
11.5 - 12.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	35.9	35.5	17.6	7.6	2.4	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2602	2576	1280	550	172	48	15	4	5	1	1	0	0	0		7254

(* < 0.05%)

STATION: 46061

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

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	2.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	2.8	169
4.5 - 5.4	-	7.4	7.3	0.1	-	-	-	-	-	-	-	-	-	-	-	14.8	908
5.5 - 6.4	-	6.3	11.6	5.3	0.5	-	-	-	-	-	-	-	-	-	-	23.7	1449
6.5 - 7.4	-	5.9	13.3	6.7	2.8	0.7	*	-	-	-	-	-	-	-	-	29.4	1801
7.5 - 8.4	-	3.4	7.3	5.5	2.0	1.3	0.9	*	-	-	-	-	-	-	-	20.5	1254
8.5 - 9.4	-	0.6	2.0	2.3	1.0	0.2	0.4	0.2	-	-	-	-	-	-	-	6.6	407
9.5 - 10.4	-	*	0.3	0.8	0.6	0.1	-	*	-	-	-	-	-	-	-	1.9	119
10.5 - 11.4	-	*	-	0.1	0.2	*	-	-	-	-	-	-	-	-	-	0.3	16
TOTAL %	0.0	26.0	42.2	20.7	7.2	2.3	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1595	2583	1267	439	142	82	15	0	0	0	0	0	0	0		6123

(* < 0.05%)

STATION: 46061

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	11
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	4.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.2	262
4.5 - 5.4	0.3	13.9	7.2	0.3	-	-	-	-	-	-	-	-	-	-	-	21.8	1352
5.5 - 6.4	0.1	10.8	9.9	4.3	0.3	-	-	-	-	-	-	-	-	-	-	25.3	1571
6.5 - 7.4	*	8.7	12.1	3.4	1.8	0.4	-	-	-	-	-	-	-	-	-	26.3	1637
7.5 - 8.4	-	5.1	6.9	2.4	0.9	0.7	0.2	-	-	-	-	-	-	-	-	16.3	1012
8.5 - 9.4	-	1.5	2.6	0.8	0.2	0.3	0.1	-	-	-	-	-	-	-	-	5.5	342
9.5 - 10.4	-	0.2	0.2	*	0.1	-	-	-	-	-	-	-	-	-	-	0.4	26
10.5 - 11.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.8	44.2	38.9	11.3	3.2	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	47	2748	2419	701	201	83	17	0	0	0	0	0	0	0	0		6216

(* < 0.05%)

STATION: 46061

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		

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	-	3.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	3.8	231
4.5 - 5.4	0.1	10.4	6.5	0.3	-	-	-	-	-	-	-	-	-	-	-	17.3	1047
5.5 - 6.4	0.3	12.9	12.7	5.3	0.6	-	-	-	-	-	-	-	-	-	-	31.7	1925
6.5 - 7.4	*	11.9	9.4	4.5	2.0	0.4	-	-	-	-	-	-	-	-	-	28.3	1717
7.5 - 8.4	-	4.5	6.2	2.5	0.8	0.5	0.1	-	-	-	-	-	-	-	-	14.6	888
8.5 - 9.4	-	0.6	1.8	0.7	0.1	0.1	*	-	-	-	-	-	-	-	-	3.5	210
9.5 - 10.4	-	0.2	0.4	0.1	*	-	-	-	-	-	-	-	-	-	-	0.7	43
10.5 - 11.4	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	0.4	44.0	37.2	13.4	3.6	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	27	2668	2259	811	221	68	11	0	0	0	0	0	0	0	0		6065

(* < 0.05%)

STATION: 46061

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	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	0.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	41
3.5 - 4.4	0.3	4.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.3	422
4.5 - 5.4	1.5	15.7	4.0	0.3	-	-	-	-	-	-	-	-	-	-	-	21.5	1722
5.5 - 6.4	3.1	24.4	6.3	1.9	0.4	-	-	-	-	-	-	-	-	-	-	36.2	2896
6.5 - 7.4	2.4	15.0	4.9	1.5	0.9	0.2	-	-	-	-	-	-	-	-	-	24.9	1992
7.5 - 8.4	0.7	4.0	2.3	0.7	0.1	0.1	-	-	-	-	-	-	-	-	-	8.0	638
8.5 - 9.4	0.5	1.0	0.7	0.3	0.1	*	-	-	-	-	-	-	-	-	-	2.7	213
9.5 - 10.4	*	0.4	0.1	0.2	0.1	*	-	-	-	-	-	-	-	-	-	0.8	64
10.5 - 11.4	-	*	-	-	0.1	0.1	-	-	-	-	-	-	-	-	-	0.2	16
TOTAL %	8.7	65.8	18.4	5.0	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	697	5269	1473	398	134	33	0	0	0	0	0	0	0	0	0		8004

(* < 0.05%)

STATION: 46061

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

Month: JUN

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	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	0.1	5.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.2	435
4.5 - 5.4	0.5	20.6	3.4	0.1	-	-	-	-	-	-	-	-	-	-	-	24.6	2079
5.5 - 6.4	1.1	30.5	3.2	0.5	*	-	-	-	-	-	-	-	-	-	-	35.3	2983
6.5 - 7.4	0.7	19.0	3.8	0.2	*	-	-	-	-	-	-	-	-	-	-	23.7	2001
7.5 - 8.4	*	6.0	2.5	0.6	0.1	-	-	-	-	-	-	-	-	-	-	9.3	782
8.5 - 9.4	-	0.8	0.9	0.2	0.1	-	-	-	-	-	-	-	-	-	-	1.9	163
TOTAL %	2.5	81.9	13.9	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	208	6918	1173	130	14	0	0	0	0	0	0	0	0	0	0		8443

(* < 0.05%)

STATION: 46061

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	0.4	8.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	9.0	811
4.5 - 5.4	2.1	25.6	3.6	0.1	-	-	-	-	-	-	-	-	-	-	-	31.3	2808
5.5 - 6.4	2.5	34.3	2.8	0.4	-	-	-	-	-	-	-	-	-	-	-	40.0	3593
6.5 - 7.4	1.4	13.5	0.7	*	-	-	-	-	-	-	-	-	-	-	-	15.7	1405
7.5 - 8.4	0.2	3.0	*	-	-	-	-	-	-	-	-	-	-	-	-	3.2	291
8.5 - 9.4	-	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.6	50

9.5 - 10.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	14
10.5 - 11.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	6.7	85.2	7.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	597	7647	681	50	0	0	0	0	0	0	0	0	0	0	0	0		8975

(* < 0.05%)

STATION: 46061

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	0.5	8.7	0.5	-	-	-	-	-	-	-	-	-	-	-	-	9.6	862
4.5 - 5.4	2.6	23.3	6.0	0.1	-	-	-	-	-	-	-	-	-	-	-	32.2	2889
5.5 - 6.4	4.1	27.8	3.5	0.5	0.1	-	-	-	-	-	-	-	-	-	-	36.0	3234
6.5 - 7.4	1.8	12.7	2.3	0.1	0.1	*	*	-	-	-	-	-	-	-	-	17.1	1538
7.5 - 8.4	0.7	2.5	1.0	0.2	0.1	-	-	-	-	-	-	-	-	-	-	4.4	395
8.5 - 9.4	0.1	0.1	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	0.5	46
9.5 - 10.4	-	*	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	10
10.5 - 11.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.1	6
TOTAL %	9.8	75.2	13.6	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	882	6750	1222	96	28	3	1	0	0	0	0	0	0	0	0		8982

(* < 0.05%)

STATION: 46061

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	0.4	5.6	0.4	-	-	-	-	-	-	-	-	-	-	-	-	6.4	443
4.5 - 5.4	1.2	17.6	5.6	0.4	-	-	-	-	-	-	-	-	-	-	-	24.7	1720
5.5 - 6.4	1.5	22.5	7.3	2.4	0.3	-	-	-	-	-	-	-	-	-	-	34.1	2367
6.5 - 7.4	0.9	12.4	6.0	2.4	1.3	0.3	-	-	-	-	-	-	-	-	-	23.4	1625
7.5 - 8.4	0.3	2.8	2.5	2.0	1.3	0.3	0.3	0.1	-	-	-	-	-	-	-	9.6	670
8.5 - 9.4	0.1	0.2	0.4	0.4	0.2	0.1	*	*	*	-	-	-	-	-	-	1.6	109
9.5 - 10.4	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	13
10.5 - 11.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	4.5	61.2	22.3	7.7	3.2	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	314	4252	1548	537	223	46	20	9	2	0	0	0	0	0	0		6951

(* < 0.05%)

STATION: 46061

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

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	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	-	8.6	0.3	-	-	-	-	-	-	-	-	-	-	-	-	8.9	586
4.5 - 5.4	0.2	17.6	7.3	0.4	-	-	-	-	-	-	-	-	-	-	-	25.5	1675
5.5 - 6.4	0.5	13.4	9.9	4.3	0.8	-	-	-	-	-	-	-	-	-	-	29.0	1905
6.5 - 7.4	0.1	6.5	10.0	3.2	1.8	0.2	*	-	-	-	-	-	-	-	-	21.9	1444
7.5 - 8.4	-	1.3	5.0	3.1	1.3	0.8	0.1	*	-	-	-	-	-	-	-	11.7	768
8.5 - 9.4	-	0.3	0.7	1.0	0.5	0.1	-	-	-	-	-	-	-	-	-	2.7	175
9.5 - 10.4	-	0.1	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.4	24
10.5 - 11.4	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.8	47.7	33.3	12.2	4.6	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	53	3140	2191	802	301	79	10	3	0	0	0	0	0	0	0		6579

(* < 0.05%)

STATION: 46061

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	-	1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.6	98
4.5 - 5.4	-	9.1	7.0	0.5	-	-	-	-	-	-	-	-	-	-	-	16.6	1045
5.5 - 6.4	-	13.9	13.1	4.5	0.7	-	-	-	-	-	-	-	-	-	-	32.1	2024
6.5 - 7.4	-	7.5	12.0	4.3	2.1	0.9	*	-	-	-	-	-	-	-	-	26.9	1697
7.5 - 8.4	-	3.3	6.8	3.5	1.2	1.2	1.0	*	-	-	-	-	-	-	-	17.0	1071
8.5 - 9.4	-	0.4	2.0	1.3	0.6	0.4	0.3	0.1	-	-	-	-	-	-	-	4.9	311
9.5 - 10.4	-	0.2	0.2	0.3	0.1	*	-	-	-	-	-	-	-	-	-	0.8	49
10.5 - 11.4	-	-	0.1	*	*	-	-	-	-	-	-	-	-	-	-	0.1	6
TOTAL %	0.0	35.8	41.3	14.4	4.6	2.5	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2253	2603	910	292	157	79	7	0	0	0	0	0	0	0		6301

(* < 0.05%)

STATION: 46061

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	*	1.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.8	143
4.5 - 5.4	-	8.3	7.0	0.4	-	-	-	-	-	-	-	-	-	-	-	15.7	1230
5.5 - 6.4	-	6.9	12.8	5.3	0.5	-	-	-	-	-	-	-	-	-	-	25.5	2002
6.5 - 7.4	-	4.8	14.1	7.2	3.2	0.6	*	-	-	-	-	-	-	-	-	29.8	2343
7.5 - 8.4	-	1.2	5.7	5.8	3.8	2.3	1.1	0.1	-	-	-	-	-	-	-	20.1	1578
8.5 - 9.4	-	0.1	0.9	1.9	1.5	0.5	0.4	0.3	0.1	-	-	-	-	-	-	5.6	442
9.5 - 10.4	-	-	*	0.4	0.6	0.2	*	-	*	*	-	-	-	-	-	1.3	99
10.5 - 11.4	-	-	-	0.1	0.1	-	*	*	-	-	-	-	-	-	-	0.2	16
TOTAL %	0.0	23.0	40.6	20.9	9.7	3.6	1.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	1806	3192	1640	765	283	122	35	8	1	0	0	0	0	0		7853

(* < 0.05%)

STATION: 46061

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	13
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	46
3.5 - 4.4	0.2	5.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	5.5	4857
4.5 - 5.4	0.8	15.9	5.8	0.2	-	-	-	-	-	-	-	-	-	-	-	22.8	20006
5.5 - 6.4	1.3	19.0	8.2	3.0	0.4	-	-	-	-	-	-	-	-	-	-	31.8	27940
6.5 - 7.4	0.7	10.5	7.8	3.0	1.5	0.3	*	-	-	-	-	-	-	-	-	23.8	20921
7.5 - 8.4	0.2	3.2	4.0	2.5	1.1	0.6	0.3	*	-	-	-	-	-	-	-	11.9	10449
8.5 - 9.4	0.1	0.5	1.0	0.9	0.5	0.2	0.1	0.1	*	-	-	-	-	-	-	3.3	2909
9.5 - 10.4	*	0.1	0.1	0.2	0.1	*	*	*	*	*	-	-	-	-	-	0.6	526
10.5 - 11.4	-	*	*	*	*	*	*	*	-	-	-	-	-	-	-	0.1	78
11.5 - 12.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	3.2	54.3	27.3	9.8	3.6	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2826	47648	23920	8622	3168	1066	390	84	14	6	1	1	0	0	0		87746

(* < 0.05%)

STATION: 46061

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- 0.4	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

TOTAL %	1.9	48.6	32.0	11.3	4.1	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
TOTAL N	367	9645	6342	2249	816	282	109	19	2	0	0	0	0	0	0	19831

(* < 0.05%)

Summary complete: 09-Sep-2003 09:32:43