

STATION: 46006

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (4/1977 - 12/2001) (145453 RECORDS, 94.3% 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	
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	1	#
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	5	999	-	-	-	-	-	-	-	6	999
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	999	31	999	-	-	-	-	-	-	-	43	999
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	999	95	997	33	#	-	-	-	-	-	192	999
21	-	-	-	-	-	-	-	-	-	-	-	-	1	#	340	994	221	990	156	998	1	#	-	-	-	719	998
20	-	-	-	-	-	-	-	-	-	-	-	67	999	1541	966	1081	974	533	987	29	999	4	#	3255	993	993	
19	-	-	-	-	-	-	-	-	-	6	#	253	994	2205	842	2250	893	1135	950	104	998	31	999	5984	971	971	
18	4	#	-	-	-	-	-	-	-	-	31	999	996	972	3615	664	4137	726	2957	870	694	990	59	997	12493	930	
17	115	999	15	#	-	-	-	-	1	#	180	997	2122	883	2815	372	3889	419	3641	664	1397	940	188	993	14363	844	
16	239	991	108	999	-	-	-	-	29	999	623	980	2846	696	1127	145	1550	130	2924	409	2111	838	467	979	12024	745	
15	396	973	210	989	-	-	5	#	284	997	1910	922	2434	444	531	54	176	15	1569	205	2381	684	1246	944	11142	663	
14	1318	943	422	971	80	#	134	999	760	970	3079	744	1867	228	134	11	24	2	930	95	2237	511	2245	850	13230	586	
13	2910	843	1602	934	866	993	1113	986	2130	896	2969	456	563	63	2	*	1	*	352	30	2134	348	2884	681	17526	495	
12	2430	622	2152	793	2233	915	2002	877	2771	691	1438	180	118	13	-	-	-	-	69	5	1480	193	2250	464	16943	375	
11	2675	437	2308	605	2936	715	2859	680	2826	424	459	46	22	2	-	-	-	-	8	1	818	85	1825	294	16736	258	
10	1769	234	1848	402	2259	452	2190	398	1188	151	28	3	5	*	-	-	-	-	1	*	225	26	1249	157	10762	143	
9	911	100	1623	240	1578	249	1283	183	346	37	1	*	-	-	-	-	-	-	-	100	9	523	63	6365	69	69	
8	318	31	791	98	794	108	505	56	33	3	-	-	-	-	-	-	-	-	-	-	25	2	208	23	2674	25	
7	68	7	204	29	328	37	58	6	-	-	-	-	-	-	-	-	-	-	-	-	2	*	84	8	744	7	
6	15	1	77	11	69	7	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	1	187	2	
5	2	*	41	4	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	56	*
4	1	*	5	*	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	*
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	11.8		10.9		10.5		10.8		11.8		13.6		15.7		17.9		17.8		16.7		14.3		12.5		13.8		13.8
S.D.	1.8		1.9		1.5		1.4		1.3		1.3		1.5		1.4		1.3		1.7		2.0		2.0		3.1		3.1
TOTAL	13171		11406		11157		10157		10368		10724		11294		12387		13461		14308		13738		13282		145453		145453
MAX	17.7		16.9		14.4		15.0		16.5		19.1		20.5		24.0		24.8		22.2		20.5		19.7		24.8		24.8
DATE	1983011707		1983021016		1997032504		1997041917		1981050901		1981062802		1979071900		1981081502		1981091000		1982101100		1982110302		1982120307		1981091000		1981091000
MIN	4.2		3.8		4.2		5.6		7.8		8.6		9.5		13.3		13.0		10.3		7.3		5.1		3.8		3.8
DATE	1999013102		1978020815		1995032215		1979042018		1998051122		1985063007		1985070716		1999081111		1978092219		1977102515		1998112615		1981120912		1978020815		1978020815

(\* < 0.05% , # = 100.0%)

STATION: 46006

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (6/1978 - 12/2001) (146300 RECORDS, 94.8% 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		
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	-	2	#	
22	-	-	-	-	-	-	-	-	-	-	-	-	1	#	32	999	7	#	-	-	-	-	-	-	-	40	999	
21	-	-	-	-	-	-	-	-	-	-	-	8	999	479	997	510	999	-	-	-	-	-	-	-	-	997	999	
20	-	-	-	-	-	-	-	-	-	-	-	159	999	2514	960	1400	963	88	#	-	-	-	-	-	-	4161	993	
19	-	-	-	-	-	-	-	-	-	-	-	473	986	3036	764	5359	862	2012	994	-	-	-	-	-	-	10880	964	
18	-	-	-	-	-	-	-	-	-	-	3	#	1769	945	3993	528	5866	478	6121	851	568	#	-	-	-	18320	890	
17	-	-	-	-	-	-	-	-	-	-	193	999	3002	795	1838	217	791	57	4198	417	2612	958	-	-	-	12634	765	
16	-	-	-	-	-	-	-	-	4	#	831	982	3814	540	956	74	-	-	1468	119	3803	766	485	#	11361	679		
15	-	-	-	-	-	-	-	-	57	999	3045	907	1841	215	-	-	-	-	135	15	3282	487	1186	963	9546	601		
14	1101	#	62	#	-	-	31	#	1390	994	4335	630	671	59	-	-	-	-	78	6	2634	246	4459	872	14761	536		
13	5770	914	1794	994	602	#	1041	997	4443	863	2432	236	19	2	-	-	-	-	-	-	712	52	4413	530	21226	435		
12	4190	465	5055	834	3374	945	3866	898	2954	442	162	15	-	-	-	-	-	-	-	-	-	-	-	1982	192	21583	290	
11	1775	138	3429	383	5600	636	3715	528	1518	162	-	-	-	-	-	-	-	-	-	-	-	-	-	529	41	16566	142	
10	-	-	867	77	1339	124	1812	173	190	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4208	29	
9	-	-	-	-	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	*
MEAN	12.4		11.7		11.3		11.3		12.5		14.2		16.4		18.4		18.6		17.6		15.4		13.4		14.6		14.6	
S.D.	0.7		0.8		0.7		0.8		0.9		0.9		1.3		1.2		0.8		0.9		1.2		1.0		2.8		2.8	
TOTAL	12836		11207		10930		10465		10556		11001		11757		12850		13933		14100		13611		13054		146300		146300	
MAX	14.1		13.9		13.3		14.2		16.2		18.0		21.6		22.7		21.9		19.9		18.4		16.0		22.7		22.7	
DATE	1994010409		1985022300		1985030302		1990042923		1983052601		1985061900		1990071101		1996082500		1992090601		1996100902		1993110100		1993120303		1996082500		1996082500	
MIN	10.5		9.8		9.4		9.5		10.1		12.0		13.3		15.5		16.8		13.7		12.5		11.0		9.4		9.4	
DATE	1983013004		1999022823		1999032423		1999042119		1983050117		1982060418		1985070418		1983080518		1983090919		1999103120		1999113023		1987123019		1999032423		1999032423	

(\* < 0.05% , # = 100.0%)

STATION: 46006

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (6/1978 - 12/2001) (141499 RECORDS, 91.7% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
7	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	#	5	#
6	82	999	5	#	-	-	-	-	-	-	-	-	-	-	-	-	-	15	#	3	#	37	999	142	999	
5	211	994	72	999	-	-	-	-	-	-	-	-	-	-	-	1	#	70	999	81	999	109	997	544	999	
4	181	977	234	993	-	-	-	-	-	-	1	#	-	-	13	#	12	999	139	994	239	994	195	988	1014	995
3	167	963	221	972	5	#	1	#	28	#	37	999	22	#	58	999	66	999	304	984	178	976	203	973	1290	988
2	612	950	512	952	369	999	184	999	277	997	364	996	257	998	209	994	204	994	307	962	452	963	658	958	4405	979
1	1949	902	1763	906	2030	966	1551	981	1317	969	1405	961	953	975	1379	977	1122	979	1346	941	1534	929	2068	907	18417	948
0	2792	750	2226	748	2858	779	2816	822	2563	834	2955	824	2645	888	3244	863	2863	894	3230	845	2521	815	2350	748	33063	818
-1	2566	532	1971	549	2291	517	2798	532	2959	573	3261	536	4033	648	4939	595	5073	677	3594	615	2432	628	2341	568	38258	584
-2	2151	332	2035	372	1728	306	1768	245	1960	271	1952	219	2761	281	2114	187	3347	292	3256	359	2839	448	2301	388	28212	314
-3	1182	164	1289	190	925	148	534	63	608	71	280	29	319	30	142	13	466	39	1402	127	1965	237	1570	211	10682	114
-4	669	71	558	75	423	63	75	8	83	9	18	2	16	1	10	1	44	4	308	27	950	91	783	90	3937	39
-5	211	19	163	25	188	24	4	1	3	*	-	-	-	-	-	-	4	*	65	5	242	21	282	30	1162	11
-6	28	3	45	10	53	6	2	*	-	-	1	*	-	-	-	-	-	-	6	*	35	3	80	8	250	3
-7	5	*	50	6	16	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	23	2	97	1
-8	-	-	17	2	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	21	*
-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	-0.6		-0.8		-0.8		-0.6		-0.7		-0.5		-0.8		-0.6		-0.8		-0.8		-1.1		-0.9		-0.8	
S.D.	1.9		1.9		1.6		1.1		1.2		1.1		1.0		0.9		1.0		1.5		1.8		2.0		1.5	
TOTAL	12807		11161		10887		9733		9798		10274		11006		12108		13202		14042		13474		13007		141499	
MAX	6.5		6.0		3.0		2.5		3.2		3.8		3.0		4.2		4.7		6.4		5.6		6.7		6.7	
DATE	1983011705		1983022209		1995031915		1997041917		1981051600		1981062116		1983071123		1981080716		1981090918		1982102806		1982110302		1982120307		1982120307	
MIN	-7.0		-8.4		-7.6		-5.6		-4.6		-5.5		-4.3		-4.3		-4.8		-6.3		-7.1		-8.0		-8.4	
DATE	1987012706		1989020320		1985032406		1979042018		1985050612		1985063007		1998072213		1989082820		1978092219		1990102717		1990111313		1981120912		1989020320	

(\* < 0.05% , # = 100.0%)

STATION: 46006

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (4/1977 - 12/2001) (145504 RECORDS, 94.3% 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	
1045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
1044	-	-	6	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	#	12	#	
1043	-	-	19	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	22	999	
1042	-	-	6	998	9	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	999	33	999	
1041	12	#	12	997	9	999	-	-	4	#	-	-	-	-	-	-	-	-	-	-	-	-	28	998	65	999	
1040	34	999	10	996	19	998	-	-	7	999	-	-	-	-	-	-	-	-	-	-	-	-	27	996	97	999	
1039	53	996	50	995	9	996	3	#	9	999	6	#	-	-	-	-	-	-	-	-	5	#	55	994	190	998	
1038	84	992	102	990	32	996	19	999	7	998	11	999	8	#	-	-	-	-	2	#	41	999	100	990	406	997	
1037	33	986	168	981	48	993	51	998	27	997	18	998	20	999	-	-	-	-	6	999	66	997	93	982	530	994	
1036	55	983	122	965	54	988	70	993	101	995	45	997	38	998	3	#	2	#	20	999	119	992	100	975	729	991	
1035	83	979	146	954	95	983	78	986	140	985	101	993	111	994	6	999	42	999	78	998	146	983	172	968	1198	986	
1034	89	972	166	941	114	974	71	978	176	971	124	983	142	985	22	999	104	997	76	993	94	973	237	955	1415	977	
1033	176	965	163	925	96	963	154	971	290	954	140	972	325	973	92	998	138	990	126	987	144	966	269	937	2113	968	
1032	285	951	129	910	119	954	236	956	430	926	195	958	457	945	163	991	177	980	187	979	212	956	267	917	2857	953	
1031	236	929	146	898	108	942	216	932	492	885	359	940	572	906	221	978	272	967	214	966	229	940	279	897	3344	934	
1030	310	910	220	885	165	932	250	911	520	837	597	907	866	856	435	961	407	948	262	951	397	924	341	876	4770	911	
1029	326	886	284	864	229	916	266	886	507	786	584	851	834	782	650	928	476	919	385	932	541	895	373	850	5455	878	
1028	293	860	333	838	259	894	275	860	454	737	587	797	809	711	845	879	512	886	558	906	563	856	421	822	5909	840	
1027	386	837	369	807	409	869	366	832	572	693	878	742	1236	641	1343	814	892	850	673	867	626	815	490	790	8240	800	
1026	258	807	315	773	506	830	405	796	437	638	660	660	984	535	1206	712	920	787	738	820	615	770	408	753	7452	743	
1025	247	786	267	744	418	782	306	756	397	596	684	598	813	451	876	620	939	722	936	768	596	726	396	723	6875	692	
1024	401	767	326	719	497	742	443	726	564	557	903	534	939	381	1008	553	1216	656	1133	703	644	683	528	693	8602	645	
1023	319	735	283	689	359	694	473	682	494	502	633	450	786	301	915	476	994	570	844	624	465	636	468	653	7033	585	
1022	366	710	307	663	384	660	397	635	488	455	531	391	690	233	929	406	1028	500	821	565	497	603	419	618	6857	537	
1021	372	681	324	634	371	623	446	595	453	407	540	342	506	174	900	335	1033	428	776	508	517	567	462	587	6700	490	
1020	389	652	252	604	345	587	444	551	386	363	452	291	419	130	766	267	991	355	665	454	531	530	454	552	6094	444	
1019	398	621	259	581	310	554	423	507	322	326	405	249	288	95	605	208	815	285	622	408	433	491	461	518	5341	402	
1018	430	590	297	557	338	525	438	465	348	295	326	211	214	70	517	162	578	227	606	364	465	460	437	483	4994	365	
1017	383	556	295	529	358	492	453	421	293	261	332	181	198	51	476	123	481	187	574	322	463	427	402	450	4708	331	
1016	331	526	255	502	441	458	398	377	258	233	284	150	126	34	361	86	417	153	570	282	393	393	458	420	4292	299	
1015	330	500	242	478	293	416	415	337	263	208	221	123	70	24	183	59	275	123	471	242	364	365	412	386	3539	269	
1014	349	474	264	456	301	388	364	296	251	182	171	103	30	18	129	45	268	104	361	210	347	338	433	355	3268	245	
1013	381	446	316	431	336	359	382	260	223	158	176																

1003	241	192	159	208	166	141	97	46	61	29	14	8	1	1	11	3	36	6	120	41	239	105	141	114	1286	74
1002	200	173	145	193	156	125	65	37	54	23	6	7	1	1	14	2	22	4	117	33	215	88	153	104	1148	65
1001	236	157	152	180	125	110	45	30	21	18	5	7	5	*	8	1	15	2	57	24	170	72	162	92	1001	57
1000	174	139	160	166	95	98	49	26	13	16	12	6	-	-	3	*	9	1	83	20	153	60	153	80	904	50
999	160	125	180	151	119	89	46	21	20	14	15	5	-	-	-	-	4	*	59	15	131	49	95	69	829	44
998	150	112	146	134	88	78	42	16	15	12	4	4	-	-	-	-	3	*	31	11	92	39	117	62	688	38
997	117	101	171	121	88	69	38	12	26	11	6	3	-	-	-	-	-	-	33	8	106	33	91	53	676	33
996	126	91	139	105	81	61	23	8	19	8	12	3	-	-	-	-	-	-	15	6	91	25	79	46	585	29
995	112	81	133	92	63	53	18	6	11	7	6	1	-	-	-	-	-	-	14	5	83	18	59	40	499	25
994	106	73	91	80	62	47	20	4	6	6	4	1	-	-	-	-	-	-	19	4	54	12	57	36	419	21
993	85	64	122	71	48	41	8	2	21	5	3	1	-	-	-	-	-	-	11	3	34	9	55	31	387	18
992	103	58	135	60	57	37	3	1	24	3	2	*	-	-	-	-	-	-	16	2	32	6	40	27	412	16
991	68	49	99	47	34	31	7	1	6	1	1	*	-	-	-	-	-	-	4	1	9	4	46	24	274	13
990	67	44	78	38	37	28	1	*	-	-	-	-	-	-	-	-	-	-	6	1	3	3	44	21	236	11
989	62	39	57	31	24	24	-	-	-	-	-	-	-	-	-	-	-	-	2	*	9	3	37	17	191	9
988	44	34	34	26	16	22	2	*	-	-	-	-	-	-	-	-	-	-	-	-	4	2	34	15	134	8
987	60	30	36	22	19	20	1	*	-	-	-	-	-	-	-	-	-	-	-	-	1	2	27	12	144	7
986	37	26	30	19	39	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	29	10	140	6
985	32	23	15	16	39	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	18	8	105	5
984	31	20	27	15	18	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	16	6	96	4
983	41	18	32	12	22	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	16	5	112	4
982	47	15	26	9	13	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	13	4	100	3
981	30	11	24	7	15	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	6	3	76	2
980	28	9	17	5	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	7	3	60	2
979	29	6	11	3	21	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	63	1
978	14	4	10	2	19	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	47	1
977	10	3	8	1	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	2	24	1
976	5	2	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	13	*
975	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	*
974	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	1	10	*
973	5	*	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	7	*
972	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	*
971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	2	*
970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	3	*
969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	2	*
968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	*
967	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	*
966	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	2	1	3	*
965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	-	-	2	*
964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	-	-	3	*
963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	1	*
962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	1	*
961	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
957	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
956	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	1	*
955	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
954	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	1	*
953	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
952	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	1	*

MEAN	1014.3	1015.1	1016.2	1018.9	1022.2	1023.1	1025.6	1023.2	1021.9	1019.9	1018.0	1017.8	1019.7
S.D.	12.7	13.3	11.4	8.6	8.4	6.6	4.8	4.9	5.8	7.7	10.2	11.5	9.8
TOTAL	12695	10792	10444	10077	10318	10716	11657	13111	14184	14352	13856	13302	145504
MAX	1041.4	1044.4	1042.0	1039.3	1040.8	1039.0	1037.7	1035.9	1035.5	1038.1	1039.3	1044.2	1044.4
DATE	1985013120	1987022121	1985030207	1979040106	2001050121	1981062623	1989070822	1978081806	1978091520	1978102918	1994111619	1987121118	1987022121
MIN	972.8	972.9	977.1	987.2	990.7	991.2	1000.5	1000.2	997.9	989.3	964.0	952.1	952.1
DATE	1995010903	1986021402	1987030413	1978042400	1993051903	1999061113	1979070903	1996082712	1981091702	1999102713	1983111006	1996123116	1996123116

(\* < 0.05% , # = 100.0%)

STATION: 46006

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (4/1977 - 11/2001) (134612 RECORDS, 87.3% 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
58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#	
57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#		
56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999		
55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
53	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	2	999		
52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	1	999	3	999		
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
50	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	4	999		
49	1	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	3	999		
48	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	999	3	999	
47	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	1	999	-	-	4	999	





16	364	270	264	266	292	325	359	334	532	558	589	622	711	714	703	714	702	665	643	509	454	306	397	270	6010	468
15	355	236	242	237	295	291	361	291	548	500	550	557	684	645	764	651	737	605	691	460	441	269	386	234	6054	419
14	322	202	232	210	305	257	328	248	560	441	578	497	691	579	697	582	744	541	698	407	391	232	336	199	5882	370
13	290	171	246	184	337	221	279	208	497	379	565	434	666	512	736	519	746	476	652	354	407	200	308	168	5729	323
12	299	143	207	156	302	182	282	175	542	325	636	372	787	448	865	453	858	412	790	304	409	166	317	140	6294	277
11	249	115	175	133	261	147	217	141	453	266	500	303	744	372	720	375	699	337	673	243	325	132	265	112	5281	226
10	220	91	191	114	220	116	188	115	411	217	415	248	656	300	632	310	612	277	567	192	300	106	218	87	4630	183
9	191	70	179	93	197	91	137	92	341	172	386	203	552	236	570	253	526	224	431	148	206	81	187	68	3903	146
8	178	51	204	73	184	68	182	76	293	135	352	161	516	183	564	202	440	178	359	115	197	64	149	51	3618	114
7	130	34	120	50	117	46	133	54	256	103	312	122	375	133	477	151	426	140	350	88	153	48	128	37	2977	85
6	99	22	83	37	93	33	87	38	239	75	269	88	333	97	363	108	340	103	275	61	138	35	100	25	2419	61
5	52	13	95	27	82	22	94	27	188	49	222	59	284	65	313	75	312	74	221	40	127	24	98	16	2088	41
4	45	8	68	17	45	12	43	16	111	28	148	35	164	37	206	47	244	47	145	23	64	13	36	7	1319	25
3	16	3	33	9	35	7	37	11	70	16	86	18	134	22	142	28	149	26	84	12	45	8	29	4	860	14
2	14	2	21	5	19	3	24	6	41	8	60	9	61	9	101	16	91	13	39	6	28	4	12	1	511	7
1	3	*	14	3	3	1	7	4	11	4	20	3	23	3	64	6	31	5	25	3	16	2	4	*	221	3
0	1	*	14	2	5	1	23	3	25	3	3	*	6	1	8	1	27	2	8	1	5	*	-	-	125	1
MEAN		22.3		22.3		21.1		20.0		15.9		14.7		13.4		13.4		14.2		17.3		21.5		22.3		18.1
S.D.		8.9		9.3		8.8		8.0		6.7		6.1		5.2		5.6		6.2		8.0		9.0		9.1		8.5
TOTAL		10460		8972		8596		8327		9166		9156		10352		11098		11547		13064		12109		10987		123834
MAX		69.2		60.3		54.4		54.4		45.3		41.8		34.8		37.3		45.3		68.6		64.3		114.5		114.5
DATE	1983012404	1983020903	1985030817	1980041305	1993050303	1995060315	1985070407	1996082722	1992091502	1999102714	1983111010	1987120721	1987120721													
MIN	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
DATE	1990011805	1990021919	1989031820	1989043018	1996052214	1981062713	1998070116	1987082109	1999091407	2001102911	2001110211	1992122506	2001110211													

STATION: 46006

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

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (9/1988 - 11/2001) (59717 RECORDS, 24.5% 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#			
68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999			
67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	999			
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999			
65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999			
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999			
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	#	2	999			
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999			
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	1	999	3	999			
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	-	-	-	-	3	999			
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	5	999	6	999			
58	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	3	999			
57	2	#	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	998	1	999	3	998	8	999			
56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	998	1	999			
55	1	999	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	1	998	1	999	1	998	5	999			
54	4	999	5	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	998	1	999	3	997	14	999			
53	3	999	2	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	998	2	999	1	997	9	999			
52	6	998	7	998	1	999	1	#	-	-	-	-	-	-	-	-	-	-	3	998	4	999	4	997	26	999			
51	4	997	5	996	2	999	-	-	-	-	-	-	-	-	-	-	-	-	1	997	6	998	2	996	20	999			
50	10	996	4	994	2	999	-	-	-	-	-	-	-	-	-	-	-	-	2	997	3	997	9	996	30	998			
49	11	994	11	993	3	998	1	999	-	-	-	-	-	-	-	-	1	#	1	997	2	996	10	994	40	998			
48	8	992	12	991	3	998	5	999	-	-	-	-	-	-	-	-	-	1	999	1	997	8	996	8	992	46	997		
47	17	991	18	987	10	997	1	998	-	-	-	-	-	-	-	-	-	1	999	4	997	12	995	24	991	87	996		
46	19	987	23	983	5	994	8	998	-	-	-	-	-	-	-	-	-	2	999	2	996	12	993	22	987	93	995		
45	24	984	27	977	10	993	5	996	1	#	-	-	-	-	-	-	-	1	999	7	996	13	991	20	983	108	993		
44	29	979	31	969	17	991	11	995	-	-	-	-	-	-	-	-	-	1	999	8	995	19	988	21	979	137	991		
43	46	974	39	961	7	986	7	992	2	999	-	-	-	-	-	-	-	5	999	12	993	26	985	27	975	171	989		
42	37	965	49	951	18	985	10	990	3	999	-	-	-	-	-	-	-	2	998	14	991	21	980	28	970	182	986		
41	39	958	47	938	22	980	13	988	6	999	2	#	-	-	-	-	-	-	-	-	15	989	30	977	44	965	218	983	
40	47	951	65	926	25	974	30	985	5	997	-	-	-	-	-	-	-	3	998	27	987	34	971	54	958	290	980		
39	51	942	60	909	40	968	19	977	11	996	-	-	-	-	-	-	-	2	997	25	983	49	965	46	948	303	975		
38	63	932	65	893	49	958	34	972	15	994	1	999	-	-	-	-	-	8	997	20	979	44	957	53	940	352	970		
37	78	920	82	876	52	945	41	964	15	990	2	999	-	-	-	-	-	1	#	7	996	22	976	60	949	426	964		
36	93	905	90	854	60	932	49	954	21	987	5	999	-	-	-	-	-	3	999	7	995	47	972	75	938	73	918	523	957
35	91	887	94	830	66	917	46	942	22	982	3	998	-	-	-	-	-	13	999	8	994	39	965	86	925	75	905	543	948
34	95	870	101	805	49	900	66	930	20	977	10	997	-	-	-	-	-	4	996	10	992	49	959	107	910	96	892	607	939
33	132	852	142	779	75	888	82	914	33	972	13	995	-	-	-	-	-	7	995	13	991	64	951	135	891	135	875	831	929
32	154	827	111	741	74	869	62	894	38	965	20	993	-	-	-	-	-	7	994	16	989	73	941	120	868	135	850	810	915
31	166	798	140	712	67	850																							

24	236	522	150	441	146	648	199	641	134	802	89	920	76	973	64	938	136	926	245	785	243	606	262	579	1980	739	
23	214	477	163	402	170	611	193	592	151	772	165	902	113	958	72	924	165	905	244	747	246	563	233	532	2129	706	
22	244	436	153	359	174	568	185	544	167	737	166	867	119	934	117	908	172	879	242	709	213	520	259	491	2211	670	
21	203	390	167	318	155	524	204	498	191	699	242	833	172	910	155	882	247	852	274	672	238	482	255	444	2503	633	
20	198	351	159	274	158	484	212	447	195	656	246	783	230	875	201	848	275	813	319	629	245	441	228	398	2666	591	
19	234	314	142	232	183	444	249	395	256	612	358	732	338	827	262	804	368	770	412	579	267	398	258	358	3327	547	
18	190	269	103	195	174	398	203	333	220	553	342	657	343	758	269	746	312	712	342	515	248	351	220	311	2966	491	
17	221	233	92	168	163	353	186	282	259	503	323	587	350	687	287	687	330	663	294	462	241	307	231	272	2977	441	
16	160	191	76	144	157	312	144	236	251	445	308	520	314	615	278	624	390	612	337	417	196	265	223	230	2834	392	
15	161	161	70	124	158	272	139	201	230	387	290	456	288	550	269	563	354	550	297	364	247	230	203	191	2706	344	
14	111	130	76	105	156	232	128	166	204	335	272	396	308	491	254	504	387	495	275	318	212	187	155	154	2538	299	
13	130	109	51	85	153	192	108	134	206	289	278	339	316	427	274	448	384	434	353	275	181	150	140	126	2574	256	
12	129	84	49	72	126	153	104	107	215	242	278	282	343	362	348	388	476	374	375	221	191	118	143	101	2777	213	
11	83	60	52	59	103	121	77	82	171	193	178	224	300	292	243	311	323	299	258	162	125	84	94	76	2007	167	
10	70	44	47	45	102	95	56	63	176	154	179	187	238	230	220	258	296	248	216	122	85	62	99	59	1784	133	
9	55	31	36	33	89	69	45	49	145	114	152	150	197	181	201	210	281	202	151	89	69	47	83	41	1504	103	
8	42	20	20	23	65	47	48	37	100	81	147	118	180	140	180	165	267	158	143	65	67	35	59	26	1318	78	
7	30	12	25	18	35	30	41	26	97	58	117	88	158	103	150	126	219	116	110	43	56	23	47	16	1085	56	
6	15	6	14	11	42	21	28	15	81	36	111	64	134	70	108	93	182	81	83	26	41	14	25	7	864	38	
5	11	4	16	8	27	11	20	8	41	18	112	41	101	43	101	69	174	53	45	13	25	6	13	3	686	23	
4	5	2	5	3	9	4	9	3	22	9	52	17	54	22	70	47	97	25	30	6	6	2	1	*	360	12	
3	2	1	-	-	6	2	5	1	11	4	22	7	33	11	62	31	37	10	8	1	4	1	1	*	191	6	
2	1	*	-	-	-	-	-	-	5	1	8	2	16	4	41	18	17	4	1	*	1	*	-	-	90	3	
1	-	-	5	2	-	-	-	-	-	-	2	*	4	1	25	9	6	2	-	-	-	-	-	-	42	1	
0	-	-	3	1	-	-	-	-	-	-	-	-	-	-	15	3	5	1	-	-	-	-	-	-	23	*	
MEAN	24.4		26.3		21.6		22.1		18.0		16.0		14.5		14.5		15.0		18.9		22.5		23.4		19.6		
S.D.	8.9		9.4		8.9		7.9		7.3		6.1		5.3		6.1		6.4		8.0		8.6		8.9		8.7		
TOTAL	5259		3794		3936		4029		4398		4823		4854		4368		6369		6437		5690		5580		59717		
MAX	57.0		57.7		55.2		51.5		45.1		41.0		30.3		37.1		49.0		68.6		66.7		63.2		68.6		
DATE	2001012506	1998021816	2001032422	1993041417	1993050302	1990060314	1998071600	1990082519	1992091501	1999102713	1988112302	1993120801	1999102713														
MIN	1.9		0.0		2.7		2.5		1.7		1.0		0.6		0.0		0.0		0.0		1.9		1.7		2.5		0.0
DATE	1989013112	1990021919	1993031701	1996042904	1996052214	2001061605	1998070115	2000081412	1989090208	2001102910	1988111717	1988121002	2000081412														

(\* < 0.05% , # = 100.0%)

STATION: 46006

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS) -- POR: (4/1977 - 12/2001) (145118 RECORDS, 94.1% 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	
17.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
16.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#
16.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
15.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	-	2	999
15.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
14.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	#	2	999
14.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	-	2	999
13.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	1	999
13.0	-	-	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	2	999	5	999
12.5	-	-	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	3	999	-	-	7	999
12.0	-	-	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	3	999	5	999	13	999
11.5	4	#	6	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	2	999	5	999	22	999
11.0	5	999	4	999	4	#	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	2	999	5	999	21	999
10.5	15	999	11	998	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	7	999	9	999	48	999
10.0	19	998	16	997	7	999	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	6	999	16	998	68	999
9.5	32	997	21	996	7	999	4	#	-	-	-	-	-	-	-	-	-	-	-	4	998	16	998	24	997	108	999
9.0	39	994	45	994	8	998	13	999	-	-	-	-	-	-	-	-	-	-	-	9	998	35	997	35	995	184	998
8.5	81	991	59	990	20	997	17	998	-	-	3	#	-	-	-	-	-	-	-	11	997	61	994	80	992	332	997
8.0	97	985	76	985	20	995	18	997	-	-	-	-	-	-	-	-	2	#	21	997	87	990	119	986	440	994	
7.5	142	977	139	978	68	993	19	995	2	#	3	999	-	-	-	5	999	-	-	23	995	108	984	169	976	678	991
7.0	263	966	219	966	123	987	56	993	5	999	2	999	-	-	-	-	10	999	27	994	161	976	274	963	1140	987	
6.5	349	946	268	947	181	975	85	988	15	999	7	999	-	-	-	-	12	999	52	992	243	964	351	942	1563	979	
6.0	526	919	369	923	266	958	160	979	28	998	21	999	-	-	-	-	25	998	136	988	348	946	545	914	2424	968	
5.5	720	878	515	890	404	932	203	964	62	995	37	997	-	-	2	#	45	996	234	978	558	920	756	872	3536	951	
5.0	1056	822	795	845	673	893	294	944	97	990	28	993	-	-	8	999	96	993	391	962	848	879	1066	813	5352	927	
4.5	1338	740	1152	774	1027	829	429	916	148	981	77	991	-	-	17	999	174	986	638	934	1167	816	1285	730	7452	890	
4.0	1702	636	1524	672	1323	730	746	874	360	967	143	984	1	#	43	998	272	973	900	890	1435	730	1598	629	10047	839	
3.5	1780	504	1631	537	1672	603	1205	802	497	934	266	971	53	999	85	995	448	953	1300	826	1850	624	1637	504	12424	770	
3.0	1818	366	1668	393	1735	443	1683	685	1033	888	573	947	160	995	2												

DATE 1998011822 1983020913 1995032216 1996041606 1993050314 1995061000 1983070202 2001082213 1992091507 1999102715 2001112019 2000122119 1999102715  
 MIN 0.9 0.8 1.1 0.7 0.6 0.4 0.4 0.5 0.6 0.6 0.8 0.9 0.4  
 DATE 1982011306 1982020914 1978031918 1983041306 1982051222 1981062800 1990072801 1979080403 1982090211 1977100621 1986111022 1983121910 1990072801  
 (\* < 0.05% , # = 100.0%)

STATION: 46006

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

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (4/1977 - 12/2001) (144863 RECORDS, 93.9% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
16	3	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	-	-	-	-	6	#	
15	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	999	1	#	1	#	11	999	
14	10	999	14	#	5	#	1	#	1	#	-	-	-	-	-	-	2	#	10	999	4	999	2	999	49	999	
13	32	999	35	999	54	999	1	999	2	999	-	-	-	-	-	-	25	999	35	999	27	999	29	999	240	999	
12	181	996	163	996	108	994	31	999	19	999	3	#	-	-	-	-	58	998	107	996	107	998	130	997	907	998	
11	514	982	489	981	269	984	108	997	46	998	32	999	1	#	3	#	149	994	236	989	354	990	433	987	2634	992	
10	1337	942	1190	938	687	958	393	986	219	994	107	997	14	999	50	999	394	983	708	972	974	964	1414	953	7487	973	
9	2742	838	2258	833	2030	892	1008	948	628	974	382	987	242	999	302	996	762	954	1824	922	2309	892	2826	843	17313	922	
8	3678	625	3275	633	3252	697	2354	850	1827	916	1240	952	827	977	1080	972	1972	898	3488	794	3982	721	3656	622	30631	802	
7	2938	340	2735	343	2522	385	3573	622	3170	747	2875	839	2443	903	2927	888	4167	753	4100	548	3803	427	2896	336	38149	591	
6	1254	112	1047	101	1319	143	2415	276	3793	454	4204	577	4557	684	5817	661	4728	446	3211	259	1749	146	1318	110	35412	327	
5	182	14	94	8	175	17	419	41	1080	104	2087	194	3014	276	2631	209	1314	98	470	33	233	17	86	7	11785	83	
4	-	-	-	-	1	*	7	1	48	4	47	4	66	6	52	4	18	1	-	-	-	-	-	-	239	2	
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	8.1		8.1		7.9		7.2		6.8		6.4		6.1		6.2		6.8		7.4		7.8		8.1		7.3		
S.D.	1.4		1.4		1.4		1.2		1.2		1.1		1.0		1.0		1.3		1.4		1.3		1.3		1.4		
TOTAL	12874		11300		10422		10310		10833		10977		11164		12862		13589		14198		13543		12791		144863		
MAX	16.0		14.4		14.1		13.8		13.6		11.7		10.8		11.1		13.9		16.0		14.5		14.7		16.0		
DATE	1990012108		1986020720		1999032008		1987040705		1989050723		1989060318		1990071418		1987082118		1994092514		2001101306		1989110304		1987122109		2001101306		
MIN	4.6		4.5		4.4		4.0		3.7		3.9		3.9		3.8		4.0		4.6		4.6		4.8		3.7		
DATE	1999010801		1982020916		1995032920		1977041821		1981050720		1981062910		1995072517		2001082012		1981090319		1983101401		1993112019		1992122301		1981050720		

STATION: 46006

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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (10/1979 - 12/2001) (137577 RECORDS, 89.2% 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	
25	37	#	21	#	15	#	5	#	-	-	-	-	-	-	-	-	3	#	11	#	4	#	15	#	111	#	
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
20	407	997	306	998	262	998	117	999	57	#	71	#	85	#	110	#	117	999	177	999	193	999	319	999	2221	999	
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	983
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	983
17	1478	965	1220	970	865	972	417	987	533	994	541	993	881	992	832	991	692	990	709	986	952	985	1419	973	10539	983	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	906
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	935	-	-	-	-	-	9	906
14	2712	847	2516	858	2034	885	1111	944	871	942	813	940	1255	909	1496	920	1489	935	1909	934	2344	913	3015	860	21565	906	
13	2664	630	2344	626	2017	680	1815	830	1250	855	844	861	690	792	770	792	1513	814	2780	795	2936	735	3094	620	22717	750	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	585
11	1918	417	1789	410	1663	477	1710	642	1505	731	1121	779	749	727	677	727	1667	692	2616	592	2481	512	1690	374	19586	585	
10	1289	264	1053	245	1033	309	1425	465	1588	582	1311	669	798	657	1104	669	1617	558	1846	401	1574	324	1046	239	15684	442	
9	834	161	677	148	692	205	1116	318	1323	425	1494	542	1033	582	1441	575	1463	428	1222	266	998	205	735	156	13028	328	
8	769	95	600	86	835	136	1121	203	1515	294	2092	396	2407	485	2781	452	2209	310	1458	177	1105	129	783	97	17675	233	
7	244	33	221	31	352	52	479	87	748	144	1019	192	1448	260	1371	215	1043	132	630	71	362	45	296	35	8213	105	
6	149	14	95	10	142	16	277	37	474	69	597	93	991	124	815	98	439	47	258	25	185	18	127	11	4549	45	
5	23	2	17	2	17	2	72	9	201	22	293	34	286	31	305	29	123	12	75	6	42	3	13	1	1467	12	
4	-	-	1	*	2	*	13	1	25	2	59	6	42	4	34	3	27	2	4	*	4	*	-	-	211	2	
3	-	-	-	-	-	-	-	-	-	-	1	*	1	*	-	-	-	-	-	-	-	-	-	-	-	2	*
MEAN	12.5		12.5		12.0		10.9		10.3		9.8		9.9		10.0		10.5		11.3		11.8		12.5		11.2		
S.D.	3.0		2.9		3.0		2.7		2.8		3.0		3.4		3.3		3.0		2.8		2.7		2.9		3.1		
TOTAL	12524		10860		9929		9678		10090		10256		10666		11736		12402		13704		13180		12552		137577		
MAX	25.0		25.0		25.0		25.0		20.0		20.0		20.0		20.0		25.0		25.0		25.0		25.0		25.0		
DATE	1995010417		1999022714		1999032011		1993040207		2001052016		1999060407		1999072410		2000082301		1995092123		2001101301		2000112211		1999120415		2001101301		
MIN	4.5		3.																								



## ELEMENT SUMMARY FOR STATION: 46006

(A) TOTAL STD MET RECORDS READ = 154247

(B) TOTAL C WIND RECORDS READ = 243286

(C) TOTAL RECORDS USED IN STATS = 397533

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	145453	146300	141499	0	145504	134612	123834	59717	145118	144863	137577	0
(E) ELEMENT OUT OF RANGE	8794	7947	12748	154247	8743	19635	30413	183569	9129	9384	16670	154247

STATION: 46006 -- POR (4/1977 - 12/2001)

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

ELEMENT: AIR TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1977	MEAN	-	-	-	10.4	11.3	13.7	16.2	19.1	18.1	16.5	13.7	12.2	14.7
	MAXIMUM	-	-	-	12.7	14.0	17.5	19.8	22.3	20.8	19.4	17.1	16.1	22.3
	DAY-HR	-	-	-	12-12	20-03	28-00	31-21	12-00	02-09	21-18	01-12	12-18	AUG
	MINIMUM	-	-	-	7.6	8.7	10.0	13.2	16.3	14.7	10.3	9.3	7.3	7.3
	DAY-HR	-	-	-	15-21	11-03	10-09	01-15	06-18	26-15	25-15	11-03	17-09	DEC
	# OBS	-	-	-	152	257	250	261	253	240	247	240	247	2147
1978	MEAN	11.7	10.5	10.4	9.4	11.4	12.7	15.7	17.5	16.6	16.7	14.7	12.4	13.8
	MAXIMUM	14.4	13.6	12.8	12.2	13.6	14.5	17.6	20.1	19.4	18.8	18.3	16.3	20.1
	DAY-HR	08-09	19-03	06-09	29-06	06-03	08-09	28-03	05-21	01-01	07-21	18-03	08-15	AUG
	MINIMUM	8.6	3.8	8.0	5.7	8.5	10.0	12.1	15.2	13.0	12.8	11.0	5.9	3.8
	DAY-HR	20-21	08-15	08-03	18-18	14-03	11-12	01-06	20-21	22-19	28-18	23-06	17-18	FEB
	# OBS	246	223	248	258	285	245	251	284	667	252	253	242	3454
1979	MEAN	12.2	9.8	10.4	10.2	12.5	14.2	16.7	19.0	18.2	17.0	13.2	12.3	15.0
	MAXIMUM	16.0	13.0	13.4	12.7	15.2	17.0	20.5	21.3	20.7	20.5	16.9	15.5	21.3
	DAY-HR	09-12	07-21	05-21	12-09	25-06	09-18	19-00	11-00	20-02	08-23	13-21	15-06	AUG
	MINIMUM	7.7	4.7	7.6	5.6	8.5	11.7	13.2	16.1	15.3	11.6	7.6	9.1	4.7
	DAY-HR	21-06	13-09	27-09	20-18	07-15	16-15	05-21	04-21	27-18	25-04	25-11	03-11	FEB
	# OBS	229	219	255	246	267	239	267	630	716	709	716	202	4695
1980	MEAN	-	-	10.3	10.3	-	-	-	-	-	-	-	-	10.3
	MAXIMUM	-	-	12.6	12.7	-	-	-	-	-	-	-	-	12.7
	DAY-HR	-	-	31-01	11-17	-	-	-	-	-	-	-	-	APR
	MINIMUM	-	-	6.5	7.0	-	-	-	-	-	-	-	-	6.5
	DAY-HR	-	-	13-15	06-03	-	-	-	-	-	-	-	-	MAR
	# OBS	-	-	578	448	-	-	-	-	-	-	-	-	1026
1981	MEAN	-	-	-	-	13.7	15.1	16.2	19.6	19.6	16.9	14.4	12.7	16.1
	MAXIMUM	-	-	-	-	16.5	19.1	19.7	24.0	24.8	21.0	19.5	17.1	24.8
	DAY-HR	-	-	-	-	09-01	28-02	28-02	15-02	10-00	01-01	07-19	01-19	SEP
	MINIMUM	-	-	-	-	10.2	11.2	12.6	16.7	14.7	12.7	10.6	5.1	5.1
	DAY-HR	-	-	-	-	19-15	10-17	10-10	01-07	28-07	27-00	14-04	09-12	DEC
	# OBS	-	-	-	-	580	719	743	744	714	701	642	703	5546
1982	MEAN	11.6	11.4	10.0	-	-	-	-	-	-	19.4	17.2	15.4	14.2
	MAXIMUM	15.0	15.7	13.5	-	-	-	-	-	-	22.2	20.5	19.7	22.2
	DAY-HR	22-21	13-22	20-23	-	-	-	-	-	-	11-00	03-02	03-07	OCT
	MINIMUM	8.2	6.6	6.3	-	-	-	-	-	-	13.5	13.6	10.5	6.3
	DAY-HR	26-03	26-08	16-11	-	-	-	-	-	-	25-09	19-19	21-04	MAR
	# OBS	725	653	691	-	-	-	-	-	-	720	719	741	4249
1983	MEAN	15.1	14.3	11.0	10.1	11.8	14.1	15.2	17.0	17.1	15.7	12.6	11.1	13.8
	MAXIMUM	17.7	16.9	13.1	12.6	15.9	15.8	18.0	19.0	19.5	18.1	17.5	14.1	19.5
	DAY-HR	17-07	10-16	06-09	06-01	25-19	11-22	30-02	23-23	11-02	03-21	02-15	13-15	SEP
	MINIMUM	10.9	10.3	8.7	6.9	9.2	12.1	12.4	15.1	15.4	11.8	7.4	6.0	6.0
	DAY-HR	28-09	23-16	23-10	26-14	02-12	22-23	01-18	04-10	28-10	25-21	24-08	24-10	DEC
	# OBS	734	660	742	706	740	714	742	742	718	739	668	631	8536
1984	MEAN	11.5	10.5	-	-	-	-	-	-	-	-	-	-	11.1
	MAXIMUM	14.4	13.5	-	-	-	-	-	-	-	-	-	-	14.4
	DAY-HR	03-11	07-02	-	-	-	-	-	-	-	-	-	-	JAN
	MINIMUM	8.2	5.2	-	-	-	-	-	-	-	-	-	-	5.2
	DAY-HR	15-03	20-17	-	-	-	-	-	-	-	-	-	-	FEB
	# OBS	737	566	-	-	-	-	-	-	-	-	-	-	1303
1985	MEAN	11.8	10.7	9.9	11.0	11.3	13.5	13.8	17.0	16.3	16.0	13.7	13.6	13.0
	MAXIMUM	14.5	14.6	13.2	13.3	14.0	17.5	16.7	18.4	18.0	18.1	16.7	15.6	18.4
	DAY-HR	11-06	13-21	31-22	12-16	22-00	18-23	15-00	30-23	01-00	05-20	02-23	03-18	AUG
	MINIMUM	7.9	5.6	4.7	8.1	8.2	8.6	9.5	15.2	14.9	10.6	10.4	9.9	4.7
	DAY-HR	26-21	08-13	24-06	14-09	06-12	30-07	07-16	26-16	30-16	20-14	10-16	07-03	MAR
	# OBS	741	672	743	718	725	717	369	244	718	742	719	743	7851
1986	MEAN	12.0	12.0	-	-	-	16.1	16.0	19.0	18.7	17.3	15.7	13.4	15.6
	MAXIMUM	15.2	14.1	-	-	-	17.4	18.5	21.6	21.6	19.2	18.4	15.9	21.6

	DAY-HR	06-17	23-11	-	-	-	28-23	20-03	30-21	02-02	14-20	01-04	10-23	SEP
	MINIMUM	9.0	9.1	-	-	-	14.7	13.8	16.1	16.1	11.9	9.8	9.9	9.0
	DAY-HR	22-20	01-20	-	-	-	29-12	11-17	16-17	15-06	29-18	27-15	28-15	JAN
	# OBS	744	628	-	-	-	57	743	740	712	734	692	740	5790
1987	MEAN	11.6	10.8	10.9	10.8	11.8	13.2	14.4	16.0	17.1	16.4	14.3	9.8	13.2
	MAXIMUM	15.7	13.8	13.2	13.9	14.2	15.6	17.0	18.6	19.1	18.5	17.5	14.1	19.1
	DAY-HR	10-06	03-23	03-21	27-00	11-00	29-09	31-23	31-01	21-00	04-22	10-01	09-12	SEP
	MINIMUM	5.7	7.6	5.1	7.6	8.9	9.5	12.2	13.7	13.7	13.3	10.6	5.9	5.1
	DAY-HR	27-06	25-15	05-18	18-10	03-15	05-17	25-13	10-15	22-11	31-19	29-06	28-10	MAR
	# OBS	735	669	740	715	740	714	743	742	679	742	716	437	8372
1988	MEAN	10.6	10.6	10.7	-	-	-	-	17.4	18.0	16.9	13.6	12.2	13.9
	MAXIMUM	14.1	12.5	12.8	-	-	-	-	19.9	20.3	19.0	18.3	15.6	20.3
	DAY-HR	14-03	22-22	10-18	-	-	-	-	28-08	06-00	05-21	05-01	05-14	SEP
	MINIMUM	5.3	7.3	7.6	-	-	-	-	14.4	15.7	14.1	8.4	8.7	5.3
	DAY-HR	10-19	01-22	06-01	-	-	-	-	11-21	26-10	31-15	22-22	23-10	JAN
	# OBS	742	693	259	-	-	-	-	606	714	739	710	739	5202
1989	MEAN	11.4	9.2	9.6	11.3	11.9	13.5	14.9	17.2	17.4	16.3	15.0	13.7	13.5
	MAXIMUM	14.1	12.9	12.9	13.7	14.1	15.6	17.2	19.8	20.3	19.1	17.2	17.0	20.3
	DAY-HR	29-11	20-10	26-13	06-00	31-02	22-02	27-00	30-23	03-01	17-00	30-22	01-00	SEP
	MINIMUM	7.1	4.1	4.7	7.9	8.3	10.7	11.7	14.1	15.2	10.8	10.3	10.4	4.1
	DAY-HR	13-03	03-20	11-18	19-14	22-16	03-14	04-11	28-20	28-11	22-11	25-19	08-16	FEB
	# OBS	740	662	739	718	731	711	730	736	716	741	713	728	8665
1990	MEAN	11.7	10.2	10.8	11.9	12.2	13.3	16.3	18.3	18.0	16.3	14.4	11.5	13.8
	MAXIMUM	15.9	13.4	12.8	14.9	14.5	16.0	20.4	23.0	20.3	19.8	18.3	16.0	23.0
	DAY-HR	07-17	02-17	23-23	29-00	04-20	22-01	11-00	21-20	28-22	01-01	12-00	03-14	AUG
	MINIMUM	8.2	5.9	5.6	8.3	9.7	10.6	12.2	15.4	15.6	10.8	8.6	8.5	5.6
	DAY-HR	10-05	06-07	07-12	02-12	21-06	08-17	04-12	25-10	01-01	27-17	13-13	14-19	MAR
	# OBS	738	664	737	711	731	713	738	737	716	737	717	710	8649
1991	MEAN	13.0	-	-	-	-	-	-	-	-	-	-	-	13.0
	MAXIMUM	14.9	-	-	-	-	-	-	-	-	-	-	-	14.9
	DAY-HR	12-05	-	-	-	-	-	-	-	-	-	-	-	JAN
	MINIMUM	10.7	-	-	-	-	-	-	-	-	-	-	-	10.7
	DAY-HR	06-22	-	-	-	-	-	-	-	-	-	-	-	JAN
	# OBS	265	-	-	-	-	-	-	-	-	-	-	-	265
1992	MEAN	-	-	-	-	-	15.6	16.4	19.4	18.6	16.9	15.3	11.8	16.4
	MAXIMUM	-	-	-	-	-	17.7	20.3	21.4	21.1	19.5	18.3	15.2	21.4
	DAY-HR	-	-	-	-	-	21-20	29-00	16-01	06-03	22-20	03-00	13-21	AUG
	MINIMUM	-	-	-	-	-	13.4	13.3	16.8	14.8	13.5	11.4	5.8	5.8
	DAY-HR	-	-	-	-	-	30-13	05-08	22-14	29-13	25-13	26-18	28-21	DEC
	# OBS	-	-	-	-	-	334	742	740	711	737	703	734	4701
1993	MEAN	10.6	11.1	11.7	11.4	11.5	13.3	15.5	17.4	17.7	17.7	15.5	12.8	13.9
	MAXIMUM	14.3	14.4	14.1	13.4	14.1	15.3	18.1	19.9	20.4	19.8	18.7	16.8	20.4
	DAY-HR	30-23	02-06	22-06	14-07	30-01	30-02	31-22	01-22	05-18	03-21	04-21	01-09	SEP
	MINIMUM	6.6	7.7	8.2	8.9	8.4	10.6	13.3	15.4	15.1	14.9	11.5	7.1	6.6
	DAY-HR	15-14	18-04	23-15	03-22	10-09	01-15	10-16	04-14	14-16	14-15	29-06	11-07	JAN
	# OBS	733	638	729	713	737	713	736	737	715	738	713	740	8642
1994	MEAN	12.5	10.8	10.7	11.1	11.9	12.9	16.0	17.7	17.8	17.4	12.9	11.8	13.6
	MAXIMUM	14.5	13.6	14.1	12.8	13.7	14.9	18.8	19.6	19.5	19.5	17.6	15.2	19.6
	DAY-HR	11-20	28-22	12-06	16-22	30-15	30-23	28-04	25-04	30-23	16-22	04-03	19-00	AUG
	MINIMUM	6.7	6.2	6.6	7.9	9.8	10.5	12.6	15.2	15.9	12.3	8.7	7.9	6.2
	DAY-HR	23-12	16-05	21-18	23-01	05-17	17-15	07-19	27-16	11-15	31-22	24-20	23-16	FEB
	# OBS	736	652	741	717	737	714	727	740	710	730	708	738	8650
1995	MEAN	11.3	11.4	10.1	10.3	11.7	13.2	15.8	16.9	18.3	16.8	15.4	13.7	13.8
	MAXIMUM	14.9	13.7	13.6	12.6	14.1	16.5	17.6	18.3	20.4	19.0	18.3	17.3	20.4
	DAY-HR	28-02	02-09	19-15	10-02	31-23	30-23	26-01	20-02	19-18	02-23	08-01	09-19	SEP
	MINIMUM	7.6	7.4	4.2	7.1	8.7	10.8	12.9	14.9	15.7	12.9	11.8	9.9	4.2
	DAY-HR	14-19	14-07	22-15	12-15	02-19	18-14	07-06	01-14	27-21	11-13	20-16	23-13	MAR
	# OBS	738	670	736	711	737	711	734	735	707	740	694	736	8649
1996	MEAN	12.0	11.0	11.1	11.6	11.8	13.6	16.7	18.8	18.2	17.0	15.6	12.7	14.2
	MAXIMUM	15.2	14.2	13.2	14.5	14.1	16.1	19.9	22.8	20.7	20.4	18.8	16.8	22.8
	DAY-HR	05-17	06-17	18-04	05-07	11-02	30-23	10-04	24-02	09-20	06-01	09-11	04-14	AUG
	MINIMUM	8.6	4.9	7.8	7.0	9.7	11.3	13.4	16.0	14.9	12.6	10.7	7.9	4.9
	DAY-HR	20-16	20-14	05-15	17-12	08-10	15-15	03-12	05-17	11-00	18-19	20-07	07-08	FEB
	# OBS	732	687	738	733	736	712	837	776	716	730	690	737	8824
1997	MEAN	12.3	12.1	11.5	12.2	13.4	13.9	14.6	-	-	-	-	11.6	12.4
	MAXIMUM	15.2	14.1	14.4	15.0	15.2	16.7	15.7	-	-	-	-	12.9	16.7
	DAY-HR	08-22	22-20	25-04	19-17	25-10	16-18	03-13	-	-	-	-	28-20	JUN
	MINIMUM	7.1	9.0	6.1	9.1	8.5	11.8	12.1	-	-	-	-	9.2	6.1
	DAY-HR	21-16	28-08	11-18	27-05	02-14	03-14	01-09	-	-	-	-	24-17	MAR
	# OBS	724	629	710	708	286	626	42	-	-	-	-	201	3926
1998	MEAN	11.1	9.7	9.9	9.7	10.5	12.9	16.5	18.5	17.7	15.4	13.0	11.3	12.8
	MAXIMUM	14.2	12.9	12.1	12.2	12.8	15.6	19.0	20.7	21.5	18.1	16.5	14.1	21.5

	DAY-HR	16-17	11-20	20-15	28-01	30-23	24-04	25-09	31-20	06-00	06-04	13-04	09-20	SEP
	MINIMUM	5.7	5.8	7.3	6.3	7.8	10.3	14.0	16.4	14.9	12.1	7.3	7.9	5.7
	DAY-HR	03-07	22-21	28-01	09-10	11-22	03-22	22-13	01-13	17-19	27-13	26-15	23-13	JAN
	# OBS	718	650	681	604	662	493	507	538	623	708	696	721	7601
1999	MEAN	11.1	10.0	8.5	9.4	10.7	13.3	14.0	16.1	16.8	15.6	12.2	11.6	12.6
	MAXIMUM	13.7	12.7	10.6	11.8	13.9	15.6	16.3	19.6	19.1	18.7	15.2	13.7	19.6
	DAY-HR	14-00	15-12	11-23	29-23	23-22	29-01	09-21	27-20	22-21	07-22	02-22	04-03	AUG
	MINIMUM	4.2	5.9	5.5	6.8	7.9	10.2	10.5	13.3	15.2	11.2	7.8	8.3	4.2
	DAY-HR	31-02	20-05	03-21	08-00	01-14	06-15	04-19	11-11	18-18	30-11	28-15	12-19	JAN
	# OBS	675	502	353	584	685	627	640	620	551	673	654	361	6925
2000	MEAN	-	-	-	-	-	-	-	17.7	18.1	16.8	14.3	13.1	15.8
	MAXIMUM	-	-	-	-	-	-	-	19.2	20.1	20.1	17.1	15.1	20.1
	DAY-HR	-	-	-	-	-	-	-	22-20	29-22	01-01	05-09	16-08	OCT
	MINIMUM	-	-	-	-	-	-	-	16.0	15.6	11.8	9.7	9.1	9.1
	DAY-HR	-	-	-	-	-	-	-	24-04	01-16	28-03	28-22	23-05	DEC
	# OBS	-	-	-	-	-	-	-	300	715	710	661	722	3108
2001	MEAN	11.2	9.1	9.9	9.7	11.9	13.6	15.6	18.0	17.6	16.3	13.8	11.3	13.2
	MAXIMUM	15.2	13.2	12.2	12.2	14.7	16.3	18.3	20.4	20.0	19.2	17.7	13.9	20.4
	DAY-HR	01-23	03-11	27-19	30-04	30-23	19-21	29-21	28-23	22-11	05-00	03-20	13-19	AUG
	MINIMUM	6.5	5.4	6.4	7.3	9.6	10.6	12.8	15.5	14.7	11.4	10.3	7.2	5.4
	DAY-HR	23-15	17-07	03-10	15-08	04-16	02-13	06-12	19-11	23-16	27-19	29-13	19-12	FEB
	# OBS	739	669	737	715	732	715	742	743	703	739	714	729	8677
POR	MEAN	11.8	10.9	10.5	10.8	11.8	13.6	15.7	17.9	17.8	16.7	14.3	12.5	13.8
	MAXIMUM	17.7	16.9	14.4	15.0	16.5	19.1	20.5	24.0	24.8	22.2	20.5	19.7	24.8
	YEAR	1983	1983	1997	1997	1981	1981	1979	1981	1981	1982	1982	1982	SEP/1981
	MINIMUM	4.2	3.8	4.2	5.6	7.8	8.6	9.5	13.3	13.0	10.3	7.3	5.1	3.8
	YEAR	1999	1978	1995	1979	1998	1985	1985	1999	1978	1977	1998	1981	FEB/1978
	# OBS	13171	11406	11157	10157	10368	10724	11294	12387	13461	14308	13738	13282	145453

STATION: 46006 -- POR (6/1978 - 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
1978	MEAN	-	-	-	-	-	14.1	16.4	18.4	17.9	17.6	16.1	14.1	16.9
	MAXIMUM	-	-	-	-	-	14.4	17.9	19.2	18.5	18.1	17.1	15.9	19.2
	DAY-HR	-	-	-	-	-	30-21	28-00	30-00	04-01	05-00	02-00	06-12	AUG
	MINIMUM	-	-	-	-	-	13.7	14.4	17.3	17.0	16.9	15.2	11.7	11.7
	DAY-HR	-	-	-	-	-	23-18	01-15	01-18	09-12	31-09	20-06	31-03	DEC
	# OBS	-	-	-	-	-	68	251	284	667	252	253	254	2029
1979	MEAN	12.5	11.6	11.3	11.4	12.8	15.6	17.8	19.6	19.0	17.7	14.5	13.7	16.0
	MAXIMUM	12.9	12.2	11.9	12.2	15.1	17.0	20.2	21.5	20.7	19.6	15.9	13.9	21.5
	DAY-HR	19-09	12-09	21-00	05-00	28-03	10-03	20-03	08-04	18-02	12-01	01-02	01-14	AUG
	MINIMUM	11.9	10.9	10.7	11.0	11.3	14.7	16.2	19.1	17.9	15.7	13.5	13.4	10.7
	DAY-HR	31-15	26-12	17-12	23-15	08-15	01-15	06-05	24-13	08-16	28-18	25-11	16-00	MAR
	# OBS	136	218	255	246	267	240	266	630	717	713	716	204	4608
1980	MEAN	-	-	11.0	10.8	-	-	-	-	-	-	-	-	10.9
	MAXIMUM	-	-	12.0	11.4	-	-	-	-	-	-	-	-	12.0
	DAY-HR	-	-	22-01	02-01	-	-	-	-	-	-	-	-	MAR
	MINIMUM	-	-	10.5	10.4	-	-	-	-	-	-	-	-	10.4
	DAY-HR	-	-	13-18	07-18	-	-	-	-	-	-	-	-	APR
	# OBS	-	-	578	448	-	-	-	-	-	-	-	-	1026
1981	MEAN	-	-	-	-	12.9	14.4	16.4	18.6	19.1	16.7	14.9	13.0	15.8
	MAXIMUM	-	-	-	-	13.8	16.3	17.6	20.1	21.0	17.7	16.1	13.8	21.0
	DAY-HR	-	-	-	-	26-02	30-23	31-23	20-22	12-01	05-13	08-05	01-13	SEP
	MINIMUM	-	-	-	-	12.0	13.5	15.7	17.2	17.3	15.8	13.6	12.1	12.0
	DAY-HR	-	-	-	-	08-17	09-17	17-18	02-17	30-15	29-19	26-17	31-13	MAY
	# OBS	-	-	-	-	580	719	744	744	716	722	713	717	5655
1982	MEAN	12.0	11.3	10.8	10.5	11.7	14.3	16.0	17.2	18.0	16.5	14.1	12.2	13.7
	MAXIMUM	12.6	11.8	11.2	11.6	14.2	16.9	17.5	18.1	18.8	17.8	15.1	13.1	18.8
	DAY-HR	15-05	09-01	21-02	22-02	21-02	21-04	15-03	29-21	08-01	15-23	06-01	11-12	SEP
	MINIMUM	11.4	10.9	10.3	9.8	10.6	12.0	14.5	16.6	17.4	14.6	13.1	11.2	9.8
	DAY-HR	28-18	26-15	17-15	03-17	02-18	04-18	03-12	02-16	02-15	31-19	30-23	31-22	APR
	# OBS	741	665	726	712	740	719	742	737	719	744	719	741	8705
1983	MEAN	11.2	11.2	10.4	10.4	11.4	13.4	14.5	16.5	17.9	17.5	14.5	12.8	13.5
	MAXIMUM	12.0	12.0	10.9	11.2	16.2	15.3	16.5	17.7	19.5	18.4	17.2	13.5	19.5
	DAY-HR	06-00	03-01	29-01	26-23	26-01	12-00	23-01	22-23	12-22	06-05	01-00	02-08	SEP
	MINIMUM	10.5	10.4	10.1	9.9	10.1	12.3	13.5	15.5	16.8	16.8	13.3	12.2	9.9
	DAY-HR	30-04	26-16	20-10	26-16	01-17	01-19	04-16	05-18	09-19	28-14	27-14	31-23	APR

	# OBS	741	669	744	711	740	715	742	742	720	741	720	636	8621
1984	MEAN	12.6	12.1	-	-	-	-	-	-	-	-	-	-	12.4
	MAXIMUM	12.9	12.7	-	-	-	-	-	-	-	-	-	-	12.9
	DAY-HR	29-01	04-04	-	-	-	-	-	-	-	-	-	-	JAN
	MINIMUM	12.3	11.7	-	-	-	-	-	-	-	-	-	-	11.7
	DAY-HR	01-09	25-05	-	-	-	-	-	-	-	-	-	-	FEB
	# OBS	741	582	-	-	-	-	-	-	-	-	-	-	1323
1985	MEAN	13.1	13.2	12.6	12.5	13.2	14.7	14.5	17.9	17.5	16.9	15.2	13.5	14.4
	MAXIMUM	13.6	13.9	13.3	13.5	14.3	18.0	16.8	18.8	18.1	18.0	16.0	14.2	18.8
	DAY-HR	30-09	23-00	03-02	29-01	31-03	19-00	16-02	28-00	01-01	02-23	06-00	01-01	AUG
	MINIMUM	12.5	12.9	12.1	11.9	12.6	13.7	13.3	17.7	17.0	15.7	14.2	13.2	11.9
	DAY-HR	11-17	22-11	31-17	15-17	14-17	30-16	04-18	30-17	30-18	30-18	30-23	24-05	APR
	# OBS	741	672	743	718	725	717	369	244	718	742	719	743	7851
1986	MEAN	12.5	11.8	-	-	-	16.2	17.3	19.9	20.2	18.8	17.0	14.9	16.6
	MAXIMUM	13.8	12.3	-	-	-	16.5	19.5	21.4	21.4	19.5	18.1	15.9	21.4
	DAY-HR	01-21	01-08	-	-	-	29-02	30-02	31-01	02-03	03-00	03-00	03-00	SEP
	MINIMUM	11.5	11.3	-	-	-	15.8	15.7	18.5	19.1	17.6	15.8	13.5	11.3
	DAY-HR	31-23	07-23	-	-	-	30-23	04-18	01-17	25-23	30-17	30-23	31-22	FEB
	# OBS	744	628	-	-	-	57	743	740	713	735	691	740	5791
1987	MEAN	12.9	12.0	11.8	11.8	13.3	14.2	15.8	16.7	17.7	17.5	16.0	12.1	14.4
	MAXIMUM	13.8	12.6	12.4	13.1	14.2	16.2	17.2	17.7	18.8	18.2	17.0	14.2	18.8
	DAY-HR	02-06	01-14	02-00	25-00	22-00	28-01	25-01	31-23	03-02	07-00	05-03	01-09	SEP
	MINIMUM	11.5	11.3	11.4	11.2	11.2	12.8	15.1	16.0	17.2	16.8	13.6	11.0	11.0
	DAY-HR	31-15	05-06	12-18	30-23	01-16	01-13	20-20	12-20	30-17	31-20	30-23	30-19	DEC
	# OBS	735	669	739	715	740	714	743	742	679	742	718	437	8373
1988	MEAN	11.3	11.1	11.4	-	-	-	-	18.2	18.8	17.6	15.0	13.7	14.8
	MAXIMUM	11.8	11.8	12.0	-	-	-	-	19.5	19.9	18.8	17.2	14.1	19.9
	DAY-HR	26-13	29-00	12-00	-	-	-	-	28-23	06-01	03-05	03-06	18-23	SEP
	MINIMUM	10.7	10.3	11.2	-	-	-	-	17.3	18.2	16.5	13.7	12.8	10.3
	DAY-HR	15-19	04-15	15-12	-	-	-	-	08-12	27-16	31-16	21-19	31-23	FEB
	# OBS	742	693	260	-	-	-	-	606	711	738	710	737	5197
1989	MEAN	12.8	12.1	11.5	11.8	13.0	14.5	15.8	18.0	18.5	17.3	15.4	14.2	14.6
	MAXIMUM	13.4	12.8	12.1	12.9	14.5	16.4	17.2	20.4	20.4	18.8	16.0	14.8	20.4
	DAY-HR	09-07	01-13	22-03	30-23	31-01	09-23	21-02	31-03	03-01	10-02	02-01	02-06	SEP
	MINIMUM	12.1	11.4	11.0	11.3	12.5	13.7	14.5	16.4	17.6	16.0	14.5	13.7	11.0
	DAY-HR	27-06	28-23	25-18	10-16	02-19	06-15	01-03	03-18	30-20	31-23	30-19	22-17	MAR
	# OBS	740	661	734	715	730	708	726	736	714	737	713	727	8641
1990	MEAN	13.3	11.3	10.9	12.1	13.3	14.0	17.1	19.2	18.5	17.9	15.7	13.8	14.8
	MAXIMUM	14.1	12.1	11.8	14.2	14.8	16.3	21.6	22.2	19.6	19.1	16.7	14.9	22.2
	DAY-HR	04-00	02-03	30-01	29-23	17-03	19-01	11-01	06-02	30-00	03-01	07-23	01-00	AUG
	MINIMUM	12.0	10.6	10.4	11.0	12.6	12.8	14.8	18.3	18.0	16.0	14.8	12.9	10.4
	DAY-HR	31-20	21-16	14-11	02-17	08-16	01-16	01-15	31-18	13-18	31-23	30-20	31-23	MAR
	# OBS	734	663	735	711	731	713	736	735	715	735	713	704	8625
1991	MEAN	12.9	-	-	-	-	-	-	-	-	-	-	-	12.9
	MAXIMUM	13.3	-	-	-	-	-	-	-	-	-	-	-	13.3
	DAY-HR	12-20	-	-	-	-	-	-	-	-	-	-	-	JAN
	MINIMUM	12.8	-	-	-	-	-	-	-	-	-	-	-	12.8
	DAY-HR	11-18	-	-	-	-	-	-	-	-	-	-	-	JAN
	# OBS	257	-	-	-	-	-	-	-	-	-	-	-	257
1992	MEAN	-	-	-	-	-	16.2	17.7	20.4	19.6	18.1	16.2	14.4	17.6
	MAXIMUM	-	-	-	-	-	17.5	20.6	21.4	21.9	19.1	16.8	15.6	21.9
	DAY-HR	-	-	-	-	-	25-02	29-03	14-00	06-01	01-03	05-13	03-02	SEP
	MINIMUM	-	-	-	-	-	14.9	16.0	19.6	18.1	16.7	15.3	13.4	13.4
	DAY-HR	-	-	-	-	-	19-20	01-15	10-21	17-18	31-20	27-15	31-04	DEC
	# OBS	-	-	-	-	-	334	742	740	711	737	705	733	4702
1993	MEAN	12.8	12.1	11.9	11.9	12.2	13.5	15.9	18.0	18.6	18.3	17.3	14.2	14.7
	MAXIMUM	13.6	12.6	12.5	12.2	14.4	14.9	17.6	19.8	19.9	19.5	18.4	16.0	19.9
	DAY-HR	01-05	07-01	26-01	30-23	30-02	30-23	27-02	26-23	05-23	04-01	01-00	03-03	SEP
	MINIMUM	12.2	11.7	11.6	11.7	11.0	12.5	14.9	17.2	18.3	18.0	16.0	13.3	11.0
	DAY-HR	22-14	28-23	03-13	29-14	17-17	06-15	03-10	09-18	30-23	26-19	30-23	29-14	MAY
	# OBS	733	636	729	713	737	710	735	737	715	737	713	741	8636
1994	MEAN	13.5	12.3	11.6	11.4	12.4	13.7	16.9	18.7	18.5	18.1	15.3	12.9	14.6
	MAXIMUM	14.1	12.9	12.5	12.1	13.3	15.2	19.1	20.4	19.3	19.9	17.5	14.4	20.4
	DAY-HR	04-09	03-13	01-05	30-04	29-04	29-06	22-03	14-02	25-22	03-23	01-03	02-22	AUG
	MINIMUM	12.8	11.0	11.0	11.0	11.7	12.5	14.9	18.0	18.1	17.3	14.1	11.7	11.0
	DAY-HR	30-13	23-20	31-18	10-21	05-18	02-15	06-20	05-20	11-14	31-18	29-14	31-19	APR
	# OBS	736	649	741	717	736	713	728	740	710	730	708	738	8646
1995	MEAN	12.1	11.7	10.9	10.6	12.2	13.4	16.9	17.8	18.7	17.6	16.1	13.9	14.3
	MAXIMUM	12.8	12.1	11.8	12.5	14.9	15.7	19.2	18.4	20.5	19.5	17.3	15.2	20.5
	DAY-HR	06-19	27-02	02-01	29-03	23-22	30-23	10-02	19-02	11-01	01-00	04-04	07-07	SEP
	MINIMUM	11.8	11.3	10.3	10.1	11.3	12.5	15.2	17.2	18.0	16.7	15.2	12.8	10.1
	DAY-HR	22-15	25-03	23-11	08-09	14-17	12-05	01-17	02-16	03-18	27-19	30-23	31-07	APR



	MAXIMUM	-	-	1038.8	1032.8	1030.0	-	-	-	-	-	-	-	1038.8
	DAY-HR	-	-	21-19	01-00	02-15	-	-	-	-	-	-	-	MAR
	MINIMUM	-	-	1012.3	997.0	999.0	-	-	-	-	-	-	-	997.0
	DAY-HR	-	-	13-16	04-17	05-03	-	-	-	-	-	-	-	APR
	# OBS	-	-	578	716	499	-	-	-	-	-	-	-	1793
1981	MEAN	-	-	-	-	1020.2	1023.3	1029.1	1022.0	1019.3	1019.7	1014.6	1013.0	1020.2
	MAXIMUM	-	-	-	-	1032.6	1039.0	1033.5	1029.4	1027.0	1031.6	1031.1	1036.4	1039.0
	DAY-HR	-	-	-	-	09-19	26-23	25-19	07-20	28-20	24-09	26-19	21-20	JUN
	MINIMUM	-	-	-	-	1009.5	1006.8	1023.0	1015.8	997.9	1001.7	993.0	986.1	986.1
	DAY-HR	-	-	-	-	28-16	07-13	03-13	24-14	17-02	27-12	11-01	18-06	DEC
	# OBS	-	-	-	-	580	717	744	744	714	722	711	718	5650
1982	MEAN	1023.0	1016.3	1016.8	1022.2	1028.0	1020.9	1023.5	1023.9	1023.6	1017.6	1014.7	1013.3	1020.3
	MAXIMUM	1033.4	1035.3	1033.0	1038.0	1036.1	1030.6	1034.7	1034.1	1033.1	1030.0	1033.2	1028.4	1038.0
	DAY-HR	13-19	22-09	22-20	18-19	07-20	05-07	23-07	21-19	11-20	08-21	06-18	07-09	APR
	MINIMUM	999.4	979.1	980.9	1003.9	1014.8	996.1	1013.9	1015.9	1011.0	994.3	998.3	976.0	976.0
	DAY-HR	03-14	28-16	01-01	12-09	15-16	25-01	03-15	04-03	20-11	21-21	26-23	15-21	DEC
	# OBS	739	665	726	712	739	719	741	736	719	744	719	741	8700
1983	MEAN	1005.7	999.5	1002.7	1019.9	1024.0	1022.8	1024.0	1024.0	1025.3	1017.4	1010.1	1014.6	1016.0
	MAXIMUM	1034.4	1015.4	1022.3	1034.4	1036.1	1032.4	1035.3	1031.7	1034.3	1026.0	1030.1	1028.6	1036.1
	DAY-HR	08-19	02-20	25-05	07-20	18-21	03-22	14-22	11-19	28-08	03-20	21-06	04-20	MAY
	MINIMUM	976.5	978.3	981.0	1007.9	1001.7	1010.7	1010.3	1014.5	1014.9	998.4	964.0	992.4	964.0
	DAY-HR	27-23	28-15	16-04	27-03	29-00	13-22	01-04	30-02	01-13	31-15	10-06	08-21	NOV
	# OBS	741	669	744	711	740	715	742	742	720	741	720	636	8621
1984	MEAN	1022.6	1015.7	-	-	-	-	-	-	-	-	-	-	1019.6
	MAXIMUM	1036.2	1032.4	-	-	-	-	-	-	-	-	-	-	1036.2
	DAY-HR	26-20	21-20	-	-	-	-	-	-	-	-	-	-	JAN
	MINIMUM	1003.4	993.3	-	-	-	-	-	-	-	-	-	-	993.3
	DAY-HR	09-00	07-04	-	-	-	-	-	-	-	-	-	-	FEB
	# OBS	741	582	-	-	-	-	-	-	-	-	-	-	1323
1985	MEAN	1017.8	1027.1	1023.6	1016.8	-	-	-	1023.4	1025.6	1023.3	1020.4	1017.0	1021.7
	MAXIMUM	1041.4	1039.2	1042.0	1030.8	-	-	-	1029.3	1034.2	1034.7	1035.8	1029.9	1042.0
	DAY-HR	31-20	01-00	02-07	03-19	-	-	-	21-21	21-07	13-20	05-20	08-08	MAR
	MINIMUM	990.6	997.4	1000.1	994.7	-	-	-	1017.2	1016.7	1002.4	995.7	980.0	980.0
	DAY-HR	23-12	11-02	08-15	10-03	-	-	-	30-13	27-03	20-04	30-23	01-22	DEC
	# OBS	741	672	743	371	-	-	-	244	718	742	719	743	5693
1986	MEAN	1005.3	1006.1	-	-	-	1020.1	1028.0	1024.3	1024.0	1017.8	1025.6	1014.0	1018.3
	MAXIMUM	1022.9	1025.4	-	-	-	1024.2	1034.7	1033.2	1032.4	1033.8	1037.8	1030.5	1037.8
	DAY-HR	01-09	04-20	-	-	-	28-21	26-20	04-19	30-21	01-19	06-20	07-19	NOV
	MINIMUM	974.5	972.9	-	-	-	1014.3	1015.1	1011.0	1012.2	991.2	1005.3	990.6	972.9
	DAY-HR	31-01	14-02	-	-	-	30-15	01-00	25-02	16-12	24-06	26-16	22-00	FEB
	# OBS	744	628	-	-	-	57	743	740	714	735	692	740	5793
1987	MEAN	1015.0	1016.0	1013.0	1018.8	1023.3	1024.5	1023.9	1026.2	1021.9	1020.7	1017.1	1018.9	1020.0
	MAXIMUM	1040.5	1044.4	1031.4	1033.7	1035.9	1030.9	1034.7	1032.8	1035.1	1032.1	1033.0	1044.2	1044.4
	DAY-HR	14-20	21-21	25-20	21-20	16-21	27-20	16-21	17-20	15-20	25-18	24-19	11-18	FEB
	MINIMUM	993.1	987.0	977.1	997.8	1005.2	1008.5	1014.1	1016.6	1006.5	1005.0	993.5	984.9	977.1
	DAY-HR	02-17	10-05	04-13	01-15	30-02	20-03	27-13	29-14	21-02	30-05	08-03	05-15	MAR
	# OBS	735	669	740	715	740	715	743	742	679	742	718	438	8376
1988	MEAN	1014.5	1023.9	1022.1	-	-	-	-	1023.4	1023.9	1017.6	1017.6	1025.5	1020.9
	MAXIMUM	1035.6	1039.8	1037.4	-	-	-	-	1029.7	1033.4	1028.3	1034.9	1040.7	1040.7
	DAY-HR	22-20	18-18	09-08	-	-	-	-	20-06	17-06	22-08	28-19	27-20	DEC
	MINIMUM	986.7	1003.4	1011.7	-	-	-	-	1014.8	1010.2	999.4	997.0	1000.0	986.7
	DAY-HR	27-23	23-13	03-23	-	-	-	-	25-13	24-18	03-14	02-03	03-13	JAN
	# OBS	742	694	260	-	-	-	-	606	713	738	710	738	5201
1989	MEAN	1028.4	1024.3	1012.2	1015.7	1025.5	1023.7	1025.8	1026.1	1022.9	1020.4	1021.4	1020.8	1022.3
	MAXIMUM	1041.0	1039.2	1029.5	1031.3	1034.5	1034.3	1037.7	1032.9	1031.4	1031.2	1030.8	1033.5	1041.0
	DAY-HR	10-19	12-19	21-21	11-06	28-08	22-07	08-22	19-19	05-21	28-06	03-18	28-20	JAN
	MINIMUM	1016.9	1007.1	988.6	995.4	1007.2	1005.9	1014.8	1017.9	1009.8	998.9	998.9	999.2	988.6
	DAY-HR	26-03	28-23	04-09	17-10	05-03	12-10	01-14	22-01	25-10	22-15	30-22	03-16	MAR
	# OBS	739	661	736	718	731	710	728	735	715	740	712	726	8651
1990	MEAN	1021.9	1022.4	1017.5	1018.9	1020.7	1021.9	1023.7	1020.7	1021.3	1021.7	1023.8	1027.5	1021.8
	MAXIMUM	1035.4	1039.7	1030.1	1033.5	1036.3	1036.1	1032.8	1030.9	1029.8	1035.8	1036.8	1039.3	1039.7
	DAY-HR	26-20	14-07	29-07	30-20	06-21	12-21	13-21	23-20	04-09	06-21	30-20	26-08	FEB
	MINIMUM	997.3	1006.2	997.3	1003.0	995.1	1005.6	1005.3	1011.9	1012.6	1005.1	998.3	1004.7	995.1
	DAY-HR	07-19	22-15	16-10	09-04	26-12	02-08	04-03	16-02	07-01	26-20	12-04	03-18	MAY
	# OBS	735	663	737	711	731	713	737	736	717	736	714	706	8636
1991	MEAN	1012.6	-	-	-	-	-	-	-	-	-	-	-	1012.6
	MAXIMUM	1020.2	-	-	-	-	-	-	-	-	-	-	-	1020.2
	DAY-HR	01-07	-	-	-	-	-	-	-	-	-	-	-	JAN
	MINIMUM	995.1	-	-	-	-	-	-	-	-	-	-	-	995.1
	DAY-HR	11-02	-	-	-	-	-	-	-	-	-	-	-	JAN
	# OBS	264	-	-	-	-	-	-	-	-	-	-	-	264
1992	MEAN	-	-	-	-	-	1017.5	1025.5	1024.1	1021.7	1016.8	1019.3	1023.0	1021.5

	MAXIMUM	-	-	-	-	-	1033.0	1034.2	1030.1	1033.5	1029.0	1035.9	1038.1	1038.1
	DAY-HR	-	-	-	-	-	17-01	09-07	15-20	12-21	25-08	27-19	24-20	DEC
	MINIMUM	-	-	-	-	-	1002.2	1017.6	1016.7	999.2	994.7	995.8	1005.1	994.7
	DAY-HR	-	-	-	-	-	29-02	04-11	04-11	29-03	19-14	23-23	08-03	OCT
	# OBS	-	-	-	-	-	334	742	740	712	737	705	733	4703
1993	MEAN	1015.3	1010.4	1013.6	1014.8	1012.4	1023.0	1027.9	1025.9	1024.2	1019.9	1024.4	1017.2	1019.1
	MAXIMUM	1032.8	1028.4	1027.1	1033.0	1029.2	1031.4	1036.6	1034.4	1030.6	1030.4	1037.7	1035.1	1037.7
	DAY-HR	02-20	26-20	06-07	29-20	08-07	16-21	25-21	24-21	22-20	31-20	12-19	22-20	NOV
	MINIMUM	992.4	980.4	991.0	990.9	990.7	1011.8	1021.2	1011.1	1017.4	1011.2	997.9	988.7	980.4
	DAY-HR	20-00	04-16	02-14	20-06	19-03	01-00	28-13	22-09	02-03	11-02	26-01	09-14	FEB
	# OBS	733	638	729	714	737	712	735	736	715	738	713	740	8640
1994	MEAN	1018.8	-	-	-	1022.9	1024.0	1026.2	1024.6	1022.2	1021.3	1025.1	1014.3	1022.3
	MAXIMUM	1032.9	-	-	-	1030.6	1032.1	1033.9	1031.4	1031.9	1030.4	1039.3	1034.7	1039.3
	DAY-HR	05-20	-	-	-	27-06	29-21	06-08	18-20	20-20	28-19	16-19	07-19	NOV
	MINIMUM	1003.4	-	-	-	1010.2	1010.7	1019.5	1018.1	1012.5	997.7	1008.7	982.8	982.8
	DAY-HR	01-00	-	-	-	30-16	04-17	24-14	01-13	28-13	25-03	08-16	31-03	DEC
	# OBS	248	-	-	-	170	714	730	740	710	730	708	738	5488
1995	MEAN	997.5	1015.2	1011.5	1018.8	1023.3	1022.3	1025.3	1023.4	1018.3	1021.2	1015.9	1009.7	1016.9
	MAXIMUM	1025.2	1028.7	1029.6	1034.5	1033.5	1035.0	1036.1	1030.5	1028.3	1034.8	1036.3	1025.6	1036.3
	DAY-HR	15-19	09-20	26-19	18-06	23-07	06-18	30-08	08-06	30-20	21-07	03-07	31-20	NOV
	MINIMUM	972.8	993.9	977.5	993.5	1002.6	1006.3	1019.6	1012.5	1005.2	1005.3	998.4	966.1	966.1
	DAY-HR	09-03	04-15	10-03	06-23	08-14	09-15	26-13	27-15	23-15	30-14	21-08	12-03	DEC
	# OBS	738	670	736	711	737	711	734	735	706	739	691	732	8640
1996	MEAN	1015.4	1010.2	1014.6	1013.3	1020.3	1023.9	1025.9	1022.2	1019.9	1020.6	1016.7	1010.8	1018.0
	MAXIMUM	1034.1	1032.8	1035.0	1033.4	1036.7	1030.4	1032.0	1031.3	1030.2	1036.6	1033.7	1034.9	1036.7
	DAY-HR	22-09	25-19	15-19	27-07	27-08	14-09	11-21	17-20	19-09	27-20	28-19	01-19	MAY
	MINIMUM	996.1	981.5	991.7	990.3	992.2	1007.8	1016.5	1000.2	1005.1	1002.9	988.8	952.1	952.1
	DAY-HR	30-05	17-03	07-23	23-09	17-13	02-16	02-13	27-12	23-16	02-12	21-09	31-16	DEC
	# OBS	730	687	737	732	731	710	837	773	716	730	690	737	8810
1997	MEAN	1010.4	1022.8	1020.4	1019.3	1011.3	1021.2	1019.5	-	-	-	-	1028.2	1018.6
	MAXIMUM	1033.4	1039.5	1034.3	1037.1	1025.9	1029.6	1025.6	-	-	-	-	1038.3	1039.5
	DAY-HR	06-08	25-19	31-22	02-20	01-00	23-07	01-18	-	-	-	-	24-07	FEB
	MINIMUM	978.9	1000.3	988.9	998.1	1001.0	1002.6	1013.6	-	-	-	-	1003.1	978.9
	DAY-HR	01-01	09-02	17-21	19-15	30-05	03-03	04-15	-	-	-	-	31-15	JAN
	# OBS	718	630	705	707	286	623	39	-	-	-	-	201	3909
1998	MEAN	1002.4	1001.6	1013.7	1021.4	1021.4	1028.5	1021.7	1024.1	1020.6	1020.2	1013.8	1024.7	1017.3
	MAXIMUM	1017.7	1024.3	1030.4	1028.8	1031.4	1037.4	1031.5	1031.9	1027.8	1033.0	1029.4	1042.4	1042.4
	DAY-HR	04-20	25-09	28-20	01-00	15-19	14-08	13-18	24-19	18-20	05-09	21-20	10-20	DEC
	MINIMUM	980.3	980.0	981.3	1002.0	1001.0	1019.9	1004.9	1017.4	1006.9	996.5	986.1	1005.6	980.0
	DAY-HR	31-23	01-00	21-05	30-23	01-14	04-13	15-19	09-04	06-02	23-09	23-08	12-15	FEB
	# OBS	718	650	681	608	664	490	502	534	624	708	696	721	7596
1999	MEAN	1019.7	1009.3	1016.4	1026.3	1026.0	1020.8	1025.0	1020.4	1024.6	1020.1	1012.3	1024.2	1020.6
	MAXIMUM	1041.3	1030.2	1028.5	1037.5	1036.6	1032.2	1032.9	1031.9	1034.6	1035.2	1033.8	1034.6	1041.3
	DAY-HR	26-20	02-20	04-21	03-22	30-23	01-00	12-18	30-20	26-07	31-20	21-09	10-20	JAN
	MINIMUM	993.8	988.9	999.8	1014.3	1008.3	991.2	1016.3	1009.2	1017.4	989.3	991.5	1007.5	988.9
	DAY-HR	17-18	11-15	23-07	18-13	05-18	11-13	28-12	27-20	22-13	27-13	18-12	08-12	FEB
	# OBS	674	502	354	579	689	625	640	619	551	673	654	361	6921
2000	MEAN	-	-	-	-	-	-	-	1025.3	1022.8	1020.7	1020.4	1016.0	1020.5
	MAXIMUM	-	-	-	-	-	-	-	1030.1	1034.3	1030.1	1034.1	1032.6	1034.3
	DAY-HR	-	-	-	-	-	-	-	20-21	05-21	10-19	08-19	17-07	SEP
	MINIMUM	-	-	-	-	-	-	-	1017.1	1012.8	1005.7	995.6	989.3	989.3
	DAY-HR	-	-	-	-	-	-	-	23-01	26-13	17-03	29-00	21-03	DEC
	# OBS	-	-	-	-	-	-	-	300	715	709	663	722	3109
2001	MEAN	1015.3	1019.7	1021.7	1022.2	1024.1	1022.9	1027.3	1020.0	1019.6	1023.0	1011.0	1014.3	1020.1
	MAXIMUM	1032.8	1038.3	1037.4	1037.3	1040.8	1030.6	1033.4	1031.6	1032.1	1036.1	1029.2	1039.4	1040.8
	DAY-HR	29-20	06-20	08-21	09-20	01-21	14-07	05-19	08-07	06-20	17-21	05-09	09-19	MAY
	MINIMUM	985.0	988.0	984.6	996.2	1008.1	1005.2	1014.3	1008.1	1007.9	1004.1	983.4	977.8	977.8
	DAY-HR	07-10	18-17	24-14	16-13	14-02	26-05	01-02	26-13	22-15	30-16	19-13	30-11	DEC
	# OBS	739	670	735	716	734	716	741	742	702	738	712	727	8672
POR	MEAN	1014.3	1015.1	1016.2	1018.9	1022.2	1023.1	1025.6	1023.2	1021.9	1019.9	1018.0	1017.8	1019.7
	MAXIMUM	1041.4	1044.4	1042.0	1039.3	1040.8	1039.0	1037.7	1035.9	1035.5	1038.1	1039.3	1044.2	1044.4
	YEAR	1985	1987	1985	1979	2001	1981	1989	1978	1978	1978	1994	1987	FEB/1987
	MINIMUM	972.8	972.9	977.1	987.2	990.7	991.2	1000.5	1000.2	997.9	989.3	964.0	952.1	952.1
	YEAR	1995	1986	1987	1978	1993	1999	1979	1996	1981	1999	1983	1996	DEC/1996
	# OBS	12695	10792	10444	10077	10318	10716	11657	13111	14184	14352	13856	13302	145504

STATION: 46006 -- POR (4/1977 - 11/2001)

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
1977	MEAN	-	-	-	14.5	14.7	12.3	11.5	12.6	14.7	15.9	20.4	18.0	14.9
	MAXIMUM	-	-	-	28.6	26.0	30.7	19.4	24.5	28.6	43.0	37.1	45.3	45.3
	DAY-HR	-	-	-	20-00	20-09	02-15	25-00	24-18	26-15	24-03	18-00	15-00	DEC
	MINIMUM	-	-	-	1.6	0.4	0.2	0.2	0.2	0.2	0.2	5.6	0.2	0.2
	DAY-HR	-	-	-	13-18	19-09	07-00	25-21	11-15	30-00	16-03	24-06	24-15	DEC
	# OBS	-	-	-	152	258	250	261	253	241	247	240	247	2149
1978	MEAN	20.5	21.0	17.4	17.4	13.2	14.1	12.6	12.9	14.2	12.5	16.2	-	15.3
	MAXIMUM	38.5	38.5	36.0	32.3	32.3	29.9	22.9	29.9	32.5	28.8	27.4	-	38.5
	DAY-HR	17-21	12-15	06-03	05-15	14-18	06-09	20-06	23-18	27-21	08-00	03-18	-	FEB
	MINIMUM	1.4	1.0	1.0	0.2	0.2	0.2	0.4	0.2	0.2	0.8	3.5	-	0.2
	DAY-HR	25-03	19-15	30-21	08-06	28-06	03-03	31-15	30-09	16-23	01-00	05-03	-	SEP
	# OBS	246	223	249	258	285	245	251	284	667	252	135	-	3095
1979	MEAN	16.8	19.9	18.0	15.0	13.3	11.0	12.4	10.4	11.6	16.6	19.9	14.9	14.8
	MAXIMUM	32.3	49.0	32.9	30.1	31.1	24.9	25.1	24.1	31.7	43.7	42.0	36.5	49.0
	DAY-HR	30-03	12-15	06-03	26-14	05-12	26-03	04-05	10-00	07-13	21-12	27-11	15-12	FEB
	MINIMUM	0.6	2.1	0.2	0.2	0.4	0.2	0.0	0.2	0.6	0.6	1.4	1.2	0.0
	DAY-HR	28-06	27-09	31-09	04-15	28-00	23-13	14-17	08-00	20-01	16-20	25-09	02-23	JUL
	# OBS	136	219	255	246	267	240	267	630	716	712	716	203	4607
1980	MEAN	-	-	14.9	19.0	13.8	-	-	-	-	-	-	-	16.2
	MAXIMUM	-	-	31.5	44.1	34.0	-	-	-	-	-	-	-	44.1
	DAY-HR	-	-	12-13	13-05	03-19	-	-	-	-	-	-	-	APR
	MINIMUM	-	-	1.2	1.0	0.2	-	-	-	-	-	-	-	0.2
	DAY-HR	-	-	26-20	29-08	18-13	-	-	-	-	-	-	-	MAY
	# OBS	-	-	578	716	499	-	-	-	-	-	-	-	1793
1981	MEAN	-	-	-	-	15.2	13.1	11.3	10.5	13.2	16.0	19.7	19.4	14.8
	MAXIMUM	-	-	-	-	27.8	24.3	18.3	22.2	33.8	33.8	40.0	56.4	56.4
	DAY-HR	-	-	-	-	22-05	08-09	27-02	11-16	26-10	06-12	10-18	20-12	DEC
	MINIMUM	-	-	-	-	0.6	0.6	2.9	0.4	0.4	0.6	0.8	1.0	0.4
	DAY-HR	-	-	-	-	09-06	27-13	02-20	19-16	10-03	15-17	29-19	21-13	SEP
	# OBS	-	-	-	-	580	717	743	744	714	720	708	717	5643
1982	MEAN	19.3	19.2	22.4	18.1	13.3	11.8	12.0	13.4	13.8	16.7	19.7	22.0	16.8
	MAXIMUM	36.5	41.4	41.6	39.1	29.2	33.0	26.4	26.4	32.1	35.4	37.9	57.3	57.3
	DAY-HR	26-06	20-01	01-02	02-03	15-17	24-23	07-21	09-20	24-16	22-21	30-04	15-22	DEC
	MINIMUM	0.6	0.6	2.5	0.8	0.6	0.4	0.4	0.4	0.8	0.4	0.4	1.9	0.4
	DAY-HR	10-19	08-20	03-18	25-20	12-07	17-23	10-05	20-04	18-07	31-19	26-08	06-03	NOV
	# OBS	739	665	726	709	740	718	740	737	717	744	719	741	8695
1983	MEAN	21.6	23.3	22.2	17.5	13.1	14.5	13.3	12.6	13.4	16.1	23.5	19.8	17.5
	MAXIMUM	52.7	43.7	40.4	34.4	29.9	29.2	25.5	24.7	25.5	36.4	52.3	43.0	52.7
	DAY-HR	24-04	13-19	15-12	01-05	06-15	17-10	01-11	28-03	30-05	10-05	10-10	23-15	JAN
	MINIMUM	0.4	0.6	2.7	0.4	0.4	0.4	0.4	1.7	0.4	0.2	0.4	2.7	0.2
	DAY-HR	05-18	06-21	04-02	26-16	25-21	04-06	22-09	22-11	24-06	03-11	02-07	02-08	OCT
	# OBS	740	669	744	711	740	715	738	741	719	739	719	635	8610
1984	MEAN	16.3	20.4	-	-	-	-	-	-	-	-	-	-	18.1
	MAXIMUM	40.4	46.7	-	-	-	-	-	-	-	-	-	-	46.7
	DAY-HR	08-23	08-16	-	-	-	-	-	-	-	-	-	-	FEB
	MINIMUM	0.8	1.2	-	-	-	-	-	-	-	-	-	-	0.8
	DAY-HR	29-13	24-20	-	-	-	-	-	-	-	-	-	-	JAN
	# OBS	739	581	-	-	-	-	-	-	-	-	-	-	1320
1985	MEAN	17.6	12.8	19.7	14.5	12.6	12.5	13.8	9.3	10.8	11.8	13.4	14.8	13.9
	MAXIMUM	40.8	35.6	41.0	29.2	26.8	24.9	29.0	16.9	18.3	30.7	37.3	33.8	41.0
	DAY-HR	23-16	14-08	08-17	20-02	02-10	07-03	04-07	23-16	24-18	20-06	29-05	02-08	MAR
	MINIMUM	0.8	0.6	0.6	0.8	1.0	0.4	0.6	1.6	1.4	0.2	0.4	0.2	0.2
	DAY-HR	31-11	05-15	13-10	28-19	11-07	27-08	06-23	26-17	27-14	25-06	06-02	28-07	DEC
	# OBS	740	672	743	718	725	716	369	244	718	742	719	743	7849
1986	MEAN	18.0	14.7	-	-	-	13.9	10.7	9.9	12.1	14.5	15.4	19.6	14.4
	MAXIMUM	44.1	43.0	-	-	-	22.2	20.8	22.2	27.6	35.4	31.1	39.7	44.1
	DAY-HR	18-12	02-08	-	-	-	30-11	10-15	15-06	24-16	24-12	26-17	22-05	JAN
	MINIMUM	0.2	0.2	-	-	-	5.8	0.2	0.2	0.8	1.4	0.2	0.2	0.2
	DAY-HR	19-06	18-03	-	-	-	28-15	29-17	30-12	15-07	03-08	07-03	17-00	DEC
	# OBS	744	628	-	-	-	57	743	741	714	737	694	740	5798
1987	MEAN	19.0	14.9	16.1	15.8	12.0	-	12.7	12.0	10.9	11.0	17.7	19.5	14.8
	MAXIMUM	38.9	33.8	33.8	30.5	25.3	-	23.9	24.3	25.1	29.2	45.1	47.6	47.6
	DAY-HR	30-17	10-21	04-23	27-00	01-23	-	19-17	23-16	19-13	30-15	29-18	07-21	DEC
	MINIMUM	1.9	0.2	0.0	1.2	0.4	-	0.0	0.0	0.0	0.0	0.0	0.6	0.0
	DAY-HR	31-02	16-21	06-05	23-09	04-05	-	25-04	21-18	10-20	26-21	17-20	30-09	NOV
	# OBS	736	669	740	714	423	-	666	742	459	742	718	434	7043
1988	MEAN	18.4	14.1	17.6	-	-	-	-	10.7	11.5	14.3	20.2	17.5	15.5
	MAXIMUM	46.3	33.6	32.7	-	-	-	-	21.8	26.4	31.9	38.5	37.9	46.3
	DAY-HR	14-01	04-19	04-07	-	-	-	-	28-08	24-17	13-02	22-18	30-13	JAN
	MINIMUM	1.6	0.4	2.3	-	-	-	-	0.2	0.0	0.8	0.0	0.6	0.0



	DAY-HR	01-13	01-22	05-22	-	-	-	-	31-17	01-23	30-03	17-17	10-02	NOV
	# OBS	743	692	260	-	-	-	-	606	716	742	712	738	5209
1989	MEAN	16.8	15.7	16.6	14.8	12.2	-	-	-	10.3	13.4	14.3	16.3	14.5
	MAXIMUM	30.3	31.9	32.1	31.1	25.9	-	-	-	24.5	31.3	35.6	36.2	36.2
	DAY-HR	13-03	22-21	31-23	01-02	23-03	-	-	-	25-13	21-17	27-20	02-15	DEC
	MINIMUM	0.2	0.0	0.0	0.0	0.0	-	-	-	0.0	0.8	0.0	0.8	0.0
	DAY-HR	31-12	21-18	21-21	30-18	31-19	-	-	-	18-23	27-13	06-08	28-03	NOV
	# OBS	740	663	736	719	695	-	-	-	716	741	713	729	6452
1990	MEAN	16.5	17.6	16.9	14.5	13.6	12.1	9.2	12.4	11.2	13.6	16.5	15.3	14.1
	MAXIMUM	42.0	34.6	33.2	29.4	30.1	26.2	20.4	28.8	25.5	33.4	32.1	36.2	42.0
	DAY-HR	07-20	18-15	21-07	08-14	30-08	03-17	05-14	26-01	05-04	26-18	12-04	03-16	JAN
	MINIMUM	0.0	0.0	0.4	0.6	0.6	0.2	0.6	0.0	1.2	0.4	0.8	0.8	0.0
	DAY-HR	18-05	19-20	30-14	29-15	12-03	05-16	10-23	21-19	09-10	22-18	30-14	05-06	AUG
	# OBS	738	665	737	711	732	714	738	736	718	736	719	715	8659
1991	MEAN	17.1	-	-	-	-	-	-	-	-	-	-	-	17.1
	MAXIMUM	29.7	-	-	-	-	-	-	-	-	-	-	-	29.7
	DAY-HR	11-00	-	-	-	-	-	-	-	-	-	-	-	JAN
	MINIMUM	6.0	-	-	-	-	-	-	-	-	-	-	-	6.0
	DAY-HR	03-21	-	-	-	-	-	-	-	-	-	-	-	JAN
	# OBS	271	-	-	-	-	-	-	-	-	-	-	-	271
1992	MEAN	-	-	-	-	-	10.3	8.3	8.8	11.2	14.0	13.4	16.5	11.9
	MAXIMUM	-	-	-	-	-	24.3	17.9	18.1	33.6	32.1	31.7	36.2	36.2
	DAY-HR	-	-	-	-	-	29-09	17-17	05-21	15-01	29-18	26-17	28-05	DEC
	MINIMUM	-	-	-	-	-	0.4	0.2	1.2	0.0	0.6	0.2	0.2	0.0
	DAY-HR	-	-	-	-	-	24-23	26-12	12-08	22-05	16-07	15-18	25-06	SEP
	# OBS	-	-	-	-	-	334	742	740	712	737	707	735	4707
1993	MEAN	17.4	18.2	16.7	18.9	14.9	11.1	11.4	10.9	9.5	11.3	14.5	17.3	14.3
	MAXIMUM	33.0	34.8	36.7	33.4	33.2	24.7	19.8	27.2	23.3	23.1	29.7	38.1	38.1
	DAY-HR	20-14	02-06	02-21	14-20	03-03	08-19	07-06	22-11	19-16	07-10	25-21	08-04	DEC
	MINIMUM	0.8	1.2	0.8	1.4	0.4	0.6	0.8	0.2	0.4	0.2	0.6	1.6	0.2
	DAY-HR	11-04	06-19	29-04	29-17	18-03	15-18	16-23	01-20	23-19	27-15	14-22	26-12	OCT
	# OBS	733	638	728	714	737	714	739	733	715	738	713	740	8642
1994	MEAN	16.2	16.6	14.8	-	14.3	10.5	8.0	10.7	9.9	13.2	17.8	19.2	13.6
	MAXIMUM	36.7	31.5	26.6	-	23.9	26.0	16.1	22.9	22.2	27.4	38.5	38.7	38.7
	DAY-HR	24-06	06-01	02-02	-	30-20	12-14	04-18	25-23	08-23	25-10	09-10	30-22	DEC
	MINIMUM	1.0	1.0	0.8	-	3.9	1.0	0.6	0.2	0.2	1.2	0.8	0.8	0.2
	DAY-HR	19-17	11-14	09-14	-	29-19	19-14	25-16	28-14	28-18	21-20	13-04	07-18	SEP
	# OBS	735	651	269	-	169	660	728	740	710	730	708	738	6838
1995	MEAN	13.6	-	-	-	7.8	12.8	10.3	11.9	12.8	12.8	16.3	17.9	13.3
	MAXIMUM	13.6	-	-	-	17.9	28.4	20.2	23.5	24.3	26.4	27.6	40.4	40.4
	DAY-HR	01-00	-	-	-	26-11	09-17	22-06	27-18	24-21	30-13	24-17	12-04	DEC
	MINIMUM	13.6	-	-	-	0.4	0.2	0.4	1.6	0.2	1.7	1.0	0.8	0.2
	DAY-HR	01-00	-	-	-	24-09	22-11	10-04	19-07	10-19	24-05	20-01	02-14	SEP
	# OBS	1	-	-	-	197	711	732	734	702	736	685	727	5225
1996	MEAN	16.7	18.9	13.6	17.6	12.9	10.2	10.1	9.1	-	-	-	-	13.5
	MAXIMUM	39.3	34.4	35.0	37.9	28.2	24.9	20.8	28.8	-	-	-	-	39.3
	DAY-HR	29-22	21-02	01-14	15-22	17-17	02-19	14-18	27-22	-	-	-	-	JAN
	MINIMUM	0.2	1.2	0.4	0.6	0.0	0.0	0.0	0.0	-	-	-	-	0.0
	DAY-HR	12-21	09-09	30-16	27-00	29-07	11-20	04-10	25-09	-	-	-	-	AUG
	# OBS	728	687	735	733	734	712	835	765	-	-	-	-	5929
1997	MEAN	-	-	12.4	-	13.7	13.9	9.6	-	-	-	-	12.3	13.4
	MAXIMUM	-	-	21.0	-	23.7	28.2	15.9	-	-	-	-	21.2	28.2
	DAY-HR	-	-	31-00	-	30-14	03-03	02-18	-	-	-	-	31-15	JUN
	MINIMUM	-	-	4.7	-	1.4	0.4	1.6	-	-	-	-	1.6	0.4
	DAY-HR	-	-	31-23	-	28-17	28-01	01-17	-	-	-	-	23-22	JUN
	# OBS	-	-	24	-	176	618	36	-	-	-	-	201	1055
1998	MEAN	19.6	20.7	16.5	15.7	14.6	11.5	11.1	9.0	13.5	15.0	19.0	18.4	15.8
	MAXIMUM	36.4	36.0	32.7	27.4	29.4	19.2	24.5	18.1	31.1	28.0	43.4	34.2	43.4
	DAY-HR	25-16	14-13	12-12	12-12	01-21	24-17	16-00	02-13	16-07	10-22	23-11	03-21	NOV
	MINIMUM	3.3	0.6	0.4	0.6	1.0	0.4	0.0	0.0	0.4	0.6	2.1	1.0	0.0
	DAY-HR	15-02	05-23	16-05	21-21	17-20	14-14	01-16	27-12	11-05	20-11	03-21	23-07	AUG
	# OBS	718	649	680	606	658	477	500	525	616	702	696	721	7548
1999	MEAN	17.5	23.8	18.4	14.0	13.0	13.7	13.8	11.1	9.9	15.0	16.3	18.8	15.1
	MAXIMUM	39.5	40.2	34.6	28.8	26.2	26.4	21.6	20.8	22.4	48.0	31.5	30.9	48.0
	DAY-HR	17-23	11-08	02-18	07-17	05-17	11-12	31-20	01-00	30-19	27-15	30-04	08-18	OCT
	MINIMUM	3.1	1.9	1.0	0.4	0.6	2.3	0.4	1.2	0.0	0.4	2.1	5.6	0.0
	DAY-HR	22-00	23-03	12-23	22-10	08-10	27-07	23-12	29-06	18-02	21-12	06-19	11-09	SEP
	# OBS	674	501	354	585	686	628	641	622	552	673	654	361	6931
2000	MEAN	-	-	-	-	-	-	-	12.6	11.4	15.4	16.4	17.8	15.0
	MAXIMUM	-	-	-	-	-	-	-	23.5	23.3	33.4	36.9	44.1	44.1
	DAY-HR	-	-	-	-	-	-	-	30-14	20-16	19-20	28-22	21-14	DEC
	MINIMUM	-	-	-	-	-	-	-	2.9	0.2	0.4	1.0	2.3	0.2

	DAY-HR	-	-	-	-	-	-	-	21-15	06-01	13-13	21-06	15-01	SEP
	# OBS	-	-	-	-	-	-	-	300	717	712	662	722	3113
2001	MEAN	20.0	16.5	14.4	16.8	11.2	11.3	11.0	12.4	11.0	12.6	15.9	-	13.8
	MAXIMUM	41.0	37.7	38.1	43.7	25.9	29.0	23.3	26.6	24.5	25.7	27.0	-	43.7
	DAY-HR	25-08	23-05	24-22	20-10	13-16	26-10	30-02	26-21	22-16	26-00	07-15	-	APR
	MINIMUM	1.0	0.8	1.2	0.8	0.6	0.2	1.0	0.0	0.4	0.0	0.0	-	0.0
	DAY-HR	26-18	14-12	15-21	21-05	20-01	16-07	13-00	07-06	28-00	29-11	02-12	-	NOV
	# OBS	739	670	737	715	733	717	743	743	703	739	192	-	7431
POR	MEAN	18.1	17.8	17.3	16.4	13.2	12.2	11.1	11.1	11.8	14.1	17.3	17.9	14.8
	MAXIMUM	52.7	49.0	41.6	44.1	34.0	33.0	29.0	29.9	33.8	48.0	52.3	57.3	57.3
	YEAR	1983	1979	1982	1980	1980	1982	1985	1978	1981	1999	1983	1982	DEC/1982
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
	YEAR	1990	1990	1989	1989	1996	1996	1998	2001	1999	2001	2001	1992	NOV/2001
	# OBS	11640	10142	9295	9007	10034	9943	11212	12360	13242	13621	12529	11587	134612

STATION: 46006 -- POR (10/1979 - 11/2001)

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
1979	MEAN	-	-	-	-	-	-	-	-	-	20.1	24.2	17.8	21.6
	MAXIMUM	-	-	-	-	-	-	-	-	-	55.8	52.1	45.5	55.8
	DAY-HR	-	-	-	-	-	-	-	-	-	21-23	29-04	15-12	OCT
	# OBS	-	-	-	-	-	-	-	-	-	710	714	203	1627
1980	MEAN	-	-	17.5	22.5	16.1	-	-	-	-	-	-	-	19.1
	MAXIMUM	-	-	37.7	54.4	43.5	-	-	-	-	-	-	-	54.4
	DAY-HR	-	-	12-13	13-05	03-20	-	-	-	-	-	-	-	APR
	# OBS	-	-	578	716	499	-	-	-	-	-	-	-	1793
1981	MEAN	-	-	-	-	17.5	15.0	13.2	12.3	15.8	19.2	24.2	23.6	17.5
	MAXIMUM	-	-	-	-	33.0	29.4	21.8	26.4	42.6	43.9	51.9	70.8	70.8
	DAY-HR	-	-	-	-	22-05	08-09	27-02	10-04	26-10	28-09	11-03	20-12	DEC
	# OBS	-	-	-	-	580	717	743	741	709	719	708	716	5633
1982	MEAN	23.3	22.8	26.8	21.3	15.3	13.7	13.9	15.2	15.9	19.8	23.4	26.3	19.8
	MAXIMUM	46.9	47.2	50.2	50.2	35.2	41.2	30.1	31.1	38.1	45.1	48.2	72.3	72.3
	DAY-HR	26-06	20-01	01-02	02-15	15-16	24-23	07-22	09-20	24-16	22-21	28-11	15-22	DEC
	# OBS	737	664	726	709	740	706	716	727	711	736	717	741	8630
1983	MEAN	25.8	28.2	26.4	20.5	15.2	16.8	15.2	14.4	15.4	18.6	28.4	23.4	20.7
	MAXIMUM	69.2	60.3	49.2	45.1	35.2	35.2	30.1	29.2	31.1	43.5	64.3	51.1	69.2
	DAY-HR	24-04	09-03	31-21	01-21	06-15	13-18	01-11	28-03	30-05	31-16	10-10	23-16	JAN
	# OBS	739	665	744	709	726	710	729	703	687	721	714	629	8476
1984	MEAN	19.2	24.4	-	-	-	-	-	-	-	-	-	-	21.5
	MAXIMUM	48.2	57.7	-	-	-	-	-	-	-	-	-	-	57.7
	DAY-HR	08-23	08-16	-	-	-	-	-	-	-	-	-	-	FEB
	# OBS	726	568	-	-	-	-	-	-	-	-	-	-	1294
1985	MEAN	20.9	15.3	23.5	16.9	14.3	14.4	15.8	11.8	14.0	15.1	17.2	18.7	16.8
	MAXIMUM	50.7	45.9	54.4	36.5	33.8	28.2	34.8	20.8	22.7	46.3	51.5	43.4	54.4
	DAY-HR	23-16	14-07	08-17	20-03	02-20	07-04	04-07	23-16	25-03	20-14	29-05	02-09	MAR
	# OBS	740	671	741	718	725	706	368	244	718	742	719	743	7835
1986	MEAN	22.9	18.6	-	-	-	16.5	13.0	11.8	14.6	17.6	18.8	24.0	17.6
	MAXIMUM	55.6	53.3	-	-	-	27.6	26.8	26.2	32.9	43.7	45.3	50.3	55.6
	DAY-HR	18-12	02-08	-	-	-	30-10	04-04	15-08	24-16	24-12	26-17	22-05	JAN
	# OBS	744	628	-	-	-	57	743	741	714	736	693	739	5795
1987	MEAN	23.3	18.2	19.3	19.0	14.5	-	15.6	14.7	13.4	13.6	22.2	31.2	17.9
	MAXIMUM	50.5	41.8	41.2	39.3	30.1	-	29.5	29.5	33.6	36.5	53.5	114.5	114.5
	DAY-HR	30-17	10-18	05-01	27-00	01-00	-	19-18	23-21	19-19	30-16	29-17	07-21	DEC
	# OBS	735	669	740	714	423	-	666	742	459	742	715	125	6730
1988	MEAN	-	-	20.7	-	-	-	-	12.9	13.9	17.2	25.0	21.5	18.3
	MAXIMUM	-	-	36.7	-	-	-	-	25.5	30.7	40.2	53.8	46.5	53.8
	DAY-HR	-	-	10-15	-	-	-	-	28-08	24-15	13-04	13-06	30-13	NOV
	# OBS	-	-	81	-	-	-	-	606	712	736	708	734	3577
1989	MEAN	20.9	19.7	20.7	18.0	15.2	-	-	-	12.7	16.6	17.8	20.2	18.0
	MAXIMUM	38.7	38.1	41.6	39.1	31.5	-	-	-	30.3	45.1	47.0	45.7	47.0
	DAY-HR	13-12	22-21	31-23	20-05	22-23	-	-	-	25-10	21-17	30-23	02-15	NOV
	# OBS	734	659	730	713	693	-	-	-	711	735	712	725	6412
1990	MEAN	20.7	21.9	20.7	17.5	16.7	14.8	11.3	15.0	13.5	16.9	20.4	19.5	17.4

	MAXIMUM	51.3	42.0	41.0	37.1	41.6	32.5	26.0	35.4	30.7	43.7	40.6	45.9	51.3
	DAY-HR	07-20	18-15	21-07	09-06	29-15	03-17	05-10	26-05	05-04	26-17	12-04	14-07	JAN
	# OBS	731	662	735	711	729	712	737	732	715	730	712	698	8604
1991	MEAN	21.1	-	-	-	-	-	-	-	-	-	-	-	21.1
	MAXIMUM	39.3	-	-	-	-	-	-	-	-	-	-	-	39.3
	DAY-HR	11-00	-	-	-	-	-	-	-	-	-	-	-	JAN
	# OBS	253	-	-	-	-	-	-	-	-	-	-	-	253
1992	MEAN	-	-	-	-	-	12.9	10.6	11.0	14.2	17.7	17.0	21.5	15.1
	MAXIMUM	-	-	-	-	-	31.1	21.4	22.2	45.3	44.3	41.2	46.7	46.7
	DAY-HR	-	-	-	-	-	29-06	17-17	31-09	15-02	28-22	26-17	28-05	DEC
	# OBS	-	-	-	-	-	334	742	740	711	737	702	732	4698
1993	MEAN	22.2	23.0	21.2	24.0	18.8	13.8	14.3	13.7	12.0	14.5	18.6	22.6	18.2
	MAXIMUM	42.0	47.0	47.6	51.7	45.3	30.7	24.9	34.8	29.0	29.5	39.1	49.4	51.7
	DAY-HR	20-14	02-06	02-22	14-18	03-03	08-19	21-10	22-10	19-17	07-15	25-21	08-04	APR
	# OBS	733	637	727	713	737	710	734	732	715	738	713	738	8627
1994	MEAN	21.0	21.5	19.4	-	18.5	13.6	10.9	13.5	12.6	16.5	22.8	24.6	17.5
	MAXIMUM	49.6	37.1	38.7	-	32.3	32.7	20.8	27.8	27.6	36.0	48.0	50.9	50.9
	DAY-HR	24-05	06-00	02-02	-	31-09	12-17	02-04	25-23	08-02	25-10	08-21	31-00	DEC
	# OBS	734	645	268	-	168	659	719	740	709	729	708	738	6817
1995	MEAN	16.7	-	-	-	9.9	16.0	12.8	14.7	15.9	16.0	20.5	22.8	16.6
	MAXIMUM	16.7	-	-	-	21.0	41.8	24.3	29.2	30.9	32.5	37.3	53.8	53.8
	DAY-HR	01-00	-	-	-	26-11	03-15	22-06	27-17	24-21	30-13	24-17	12-04	DEC
	# OBS	1	-	-	-	196	711	732	734	702	736	676	723	5211
1996	MEAN	21.0	23.8	17.1	22.1	16.0	12.7	12.5	11.3	-	-	-	-	16.9
	MAXIMUM	51.1	47.6	44.9	48.4	38.1	29.9	25.5	37.3	-	-	-	-	51.1
	DAY-HR	29-22	20-20	01-14	15-22	17-17	02-19	14-17	27-22	-	-	-	-	JAN
	# OBS	725	685	733	732	724	709	835	759	-	-	-	-	5902
1997	MEAN	-	-	15.7	-	16.8	17.2	12.0	-	-	-	-	15.7	16.6
	MAXIMUM	-	-	26.2	-	29.7	34.4	19.4	-	-	-	-	26.8	34.4
	DAY-HR	-	-	31-01	-	31-04	02-23	02-19	-	-	-	-	31-15	JUN
	# OBS	-	-	24	-	172	611	31	-	-	-	-	201	1039
1998	MEAN	24.8	26.4	20.6	19.4	18.0	14.3	13.7	11.1	16.7	18.7	24.1	23.1	19.8
	MAXIMUM	45.7	47.6	40.8	36.0	37.9	23.9	29.7	22.6	39.3	35.8	57.0	44.5	57.0
	DAY-HR	25-16	14-13	12-12	02-15	01-21	24-16	16-00	11-11	16-07	11-23	23-11	03-21	NOV
	# OBS	716	649	680	606	656	476	482	506	609	700	696	719	7495
1999	MEAN	21.9	30.1	23.2	17.1	16.0	16.7	17.1	13.5	12.4	18.8	20.5	23.5	18.8
	MAXIMUM	50.9	54.2	43.5	37.7	32.9	33.2	27.8	24.9	26.4	68.6	41.2	40.4	68.6
	DAY-HR	17-23	15-14	02-17	07-17	05-17	11-12	31-17	01-02	30-18	27-14	30-11	08-16	OCT
	# OBS	673	501	353	577	684	625	633	609	549	672	654	361	6891
2000	MEAN	-	-	-	-	-	-	-	15.3	14.0	19.3	20.6	22.3	18.7
	MAXIMUM	-	-	-	-	-	-	-	28.8	28.6	43.5	48.0	59.1	59.1
	DAY-HR	-	-	-	-	-	-	-	30-14	20-17	19-20	30-18	21-11	DEC
	# OBS	-	-	-	-	-	-	-	300	716	708	658	722	3104
2001	MEAN	25.4	20.7	17.9	20.5	13.9	13.8	13.5	15.2	13.8	15.8	20.1	-	17.1
	MAXIMUM	57.0	47.2	48.6	40.0	32.7	34.6	28.8	32.7	31.9	31.3	30.5	-	57.0
	DAY-HR	25-07	01-18	24-21	06-22	13-16	26-10	30-02	26-20	22-16	28-17	07-10	-	JAN
	# OBS	739	669	736	709	714	713	742	742	700	737	190	-	7391
POR	MEAN	22.3	22.3	21.1	20.0	15.9	14.7	13.4	13.4	14.2	17.3	21.5	22.3	18.1
	MAXIMUM	69.2	60.3	54.4	54.4	45.3	41.8	34.8	37.3	45.3	68.6	64.3	114.5	114.5
	YEAR	1983	1983	1985	1980	1993	1995	1985	1996	1992	1999	1983	1987	DEC/1987
	# OBS	10460	8972	8596	8327	9166	9156	10352	11098	11547	13064	12109	10987	123834

STATION: 46006 -- POR (9/1988 - 11/2001)

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
1988	MEAN	-	-	-	-	-	-	-	-	15.2	18.8	27.4	23.1	21.1
	MAXIMUM	-	-	-	-	-	-	-	-	34.8	59.7	66.7	51.5	66.7
	DAY-HR	-	-	-	-	-	-	-	-	24-15	07-12	23-02	03-05	NOV
	MINIMUM	-	-	-	-	-	-	-	-	0.0	3.7	1.7	2.5	0.0
	DAY-HR	-	-	-	-	-	-	-	-	01-23	25-18	17-17	10-02	SEP
	# OBS	-	-	-	-	-	-	-	-	711	731	689	727	2858
1989	MEAN	22.6	-	-	-	-	-	-	-	14.1	18.5	19.5	22.0	19.4
	MAXIMUM	43.4	-	-	-	-	-	-	-	31.7	50.9	53.1	57.0	57.0

	DAY-HR	13-07	-	-	-	-	-	-	-	25-14	21-16	25-14	02-16	DEC
	MINIMUM	1.9	-	-	-	-	-	-	-	0.0	5.1	3.3	4.9	0.0
	DAY-HR	31-12	-	-	-	-	-	-	-	02-08	10-08	29-05	28-00	SEP
	# OBS	726	-	-	-	-	-	-	-	686	729	708	719	3568
1990	MEAN	22.4	24.0	22.4	18.9	18.4	16.2	12.7	16.4	14.4	18.6	22.5	21.5	19.0
	MAXIMUM	52.5	47.8	44.9	43.0	41.6	41.0	28.2	37.1	31.7	44.5	46.5	52.7	52.7
	DAY-HR	31-14	06-02	10-09	08-18	29-15	03-14	05-14	25-19	02-16	29-07	12-23	07-14	DEC
	MINIMUM	2.7	0.0	3.9	2.9	3.5	2.7	1.9	1.2	2.1	3.3	4.7	4.1	0.0
	DAY-HR	18-05	19-19	30-17	29-15	11-05	21-04	10-21	21-07	09-13	19-06	04-14	01-21	FEB
	# OBS	727	652	725	707	728	708	731	720	710	724	702	672	8506
1991	MEAN	22.6	-	-	-	-	-	-	-	-	-	-	-	22.6
	MAXIMUM	54.0	-	-	-	-	-	-	-	-	-	-	-	54.0
	DAY-HR	11-02	-	-	-	-	-	-	-	-	-	-	-	JAN
	MINIMUM	9.7	-	-	-	-	-	-	-	-	-	-	-	9.7
	DAY-HR	04-04	-	-	-	-	-	-	-	-	-	-	-	JAN
	# OBS	234	-	-	-	-	-	-	-	-	-	-	-	234
1992	MEAN	-	-	-	-	-	14.3	11.8	12.2	15.4	19.5	18.8	23.5	16.7
	MAXIMUM	-	-	-	-	-	31.5	23.1	23.3	49.0	47.2	45.1	50.0	50.0
	DAY-HR	-	-	-	-	-	29-12	09-16	06-10	15-01	29-15	26-17	29-03	DEC
	MINIMUM	-	-	-	-	-	2.3	1.2	2.5	1.7	2.7	3.1	5.6	1.2
	DAY-HR	-	-	-	-	-	22-11	26-12	12-11	06-02	26-08	15-18	01-02	JUL
	# OBS	-	-	-	-	-	334	742	740	706	734	689	724	4669
1993	MEAN	24.5	25.1	23.0	26.1	20.4	15.2	15.5	14.9	13.4	15.9	20.5	24.8	19.9
	MAXIMUM	44.5	47.8	51.7	51.5	45.1	31.5	26.2	35.4	33.8	32.7	41.6	63.2	63.2
	DAY-HR	26-20	02-05	02-19	14-17	03-02	08-18	07-08	22-10	19-16	23-07	25-19	08-01	DEC
	MINIMUM	6.0	4.5	2.7	5.8	2.5	2.5	3.1	1.9	1.7	3.1	3.5	4.7	1.7
	DAY-HR	17-20	06-18	17-01	01-20	18-03	15-18	16-23	01-20	05-17	18-02	05-19	25-19	SEP
	# OBS	732	632	722	709	736	707	730	728	710	736	710	738	8590
1996	MEAN	22.9	25.8	19.1	24.4	17.5	14.2	13.9	13.6	15.4	-	-	-	19.3
	MAXIMUM	52.9	49.2	50.9	48.6	37.9	31.5	27.6	18.3	33.0	-	-	-	52.9
	DAY-HR	30-16	20-14	01-15	18-18	17-17	02-15	14-14	02-11	10-18	-	-	-	JAN
	MINIMUM	3.1	5.1	2.9	2.5	1.7	2.1	2.1	7.8	3.3	-	-	-	1.7
	DAY-HR	12-21	09-08	28-01	29-04	22-14	11-18	04-13	01-17	02-11	-	-	-	MAY
	# OBS	718	697	727	722	729	707	804	41	281	-	-	-	5426
1997	MEAN	-	-	-	-	17.7	18.9	14.5	-	-	-	-	17.4	18.3
	MAXIMUM	-	-	-	-	32.7	38.3	19.4	-	-	-	-	27.0	38.3
	DAY-HR	-	-	-	-	24-23	03-04	02-17	-	-	-	-	31-14	JUN
	MINIMUM	-	-	-	-	4.3	3.1	6.0	-	-	-	-	6.6	3.1
	DAY-HR	-	-	-	-	28-16	08-18	01-16	-	-	-	-	24-01	JUN
	# OBS	-	-	-	-	145	568	18	-	-	-	-	201	932
1998	MEAN	27.5	29.2	22.4	21.2	19.5	15.7	15.5	12.2	18.5	20.8	26.5	24.9	21.8
	MAXIMUM	48.8	57.7	47.8	36.2	39.3	25.9	30.3	23.1	39.5	40.2	56.8	47.2	57.7
	DAY-HR	25-16	18-16	11-17	13-02	01-21	24-16	16-00	11-09	16-09	10-19	23-10	03-17	FEB
	MINIMUM	7.6	3.5	3.1	5.1	3.7	2.1	0.6	1.2	3.1	5.4	5.8	6.0	0.6
	DAY-HR	01-09	05-22	16-05	21-20	17-19	14-13	01-15	27-11	01-07	20-19	11-12	23-08	JUL
	# OBS	714	648	679	606	656	468	460	498	606	698	719	719	7471
1999	MEAN	23.7	32.5	25.2	18.5	17.3	18.3	18.5	14.9	13.9	20.5	22.7	25.4	20.5
	MAXIMUM	52.3	54.2	49.0	37.5	33.4	34.4	29.4	26.6	28.4	68.6	44.1	49.2	68.6
	DAY-HR	17-21	15-18	29-00	07-16	05-15	12-14	03-10	27-20	30-16	27-13	30-07	08-12	OCT
	MINIMUM	6.8	8.0	4.1	2.9	2.7	7.8	3.5	3.7	1.7	3.7	4.9	7.8	1.7
	DAY-HR	22-00	23-03	16-07	22-11	14-16	10-10	23-13	25-10	14-06	21-14	06-18	11-08	SEP
	# OBS	675	500	354	578	685	619	629	589	548	671	655	360	6863
2000	MEAN	-	-	-	-	-	-	-	13.2	15.3	21.1	22.4	24.4	19.6
	MAXIMUM	-	-	-	-	-	-	-	30.3	29.0	45.7	50.7	61.4	61.4
	DAY-HR	-	-	-	-	-	-	-	30-14	20-17	28-02	30-19	21-12	DEC
	MINIMUM	-	-	-	-	-	-	-	0.0	2.3	3.5	4.1	5.4	0.0
	DAY-HR	-	-	-	-	-	-	-	14-12	06-12	13-14	06-01	08-12	AUG
	# OBS	-	-	-	-	-	-	-	492	715	693	657	720	3277
2001	MEAN	27.6	22.7	19.6	22.4	15.3	15.4	14.9	16.7	15.3	17.2	20.8	-	18.7
	MAXIMUM	57.0	49.2	55.2	42.0	32.7	36.9	29.2	32.7	31.7	28.6	28.8	-	57.0
	DAY-HR	25-06	01-22	24-22	14-15	13-15	26-09	29-21	26-19	22-16	28-22	07-20	-	JAN
	MINIMUM	6.0	4.1	4.7	4.3	2.7	1.0	3.1	1.7	2.7	1.9	5.1	-	1.0
	DAY-HR	26-17	14-13	12-08	21-04	19-07	16-05	10-12	07-06	23-13	29-10	02-10	-	JUN
	# OBS	733	665	729	707	719	712	740	740	696	721	161	-	7323
POR	MEAN	24.4	26.3	21.6	22.1	18.0	16.0	14.5	14.5	15.0	18.9	22.5	23.4	19.6
	MAXIMUM	57.0	57.7	55.2	51.5	45.1	41.0	30.3	37.1	49.0	68.6	66.7	63.2	68.6
	YEAR	2001	1998	2001	1993	1993	1990	1998	1990	1992	1999	1988	1993	OCT/1999
	MINIMUM	1.9	0.0	2.7	2.5	1.7	1.0	0.6	0.0	0.0	1.9	1.7	2.5	0.0
	YEAR	1989	1990	1993	1996	2001	1998	2000	1989	2001	1988	1988	1988	AUG/2000
	# OBS	5259	3794	3936	4029	4398	4823	4854	4548	6369	6437	5690	5580	59717

STATION: 46006 -- POR (4/1977 - 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
1977	MEAN	-	-	-	2.3	1.8	1.5	1.2	1.5	1.7	3.0	3.2	3.2	2.1
	MAXIMUM	-	-	-	4.3	3.5	4.0	2.3	3.1	3.6	8.0	7.6	6.9	8.0
	DAY-HR	-	-	-	13-03	04-03	24-12	30-06	24-18	18-18	25-00	12-15	15-03	OCT
	# OBS	-	-	-	151	248	234	244	247	239	247	240	247	2097
1978	MEAN	3.7	3.9	2.9	2.5	2.0	1.5	1.3	1.5	2.0	2.0	2.3	-	2.3
	MAXIMUM	8.0	8.1	5.6	5.1	6.2	3.3	3.1	3.6	4.2	4.7	3.9	-	8.1
	DAY-HR	18-21	12-06	07-00	05-21	15-06	06-15	30-06	23-21	27-06	08-21	02-03	-	FEB
	# OBS	243	222	242	239	246	232	248	247	239	248	122	-	2528
1979	MEAN	3.1	3.3	2.9	2.2	1.8	1.3	1.4	1.2	2.2	3.5	3.7	2.5	2.5
	MAXIMUM	4.8	7.1	4.9	4.6	4.6	2.4	2.5	2.3	6.4	11.8	9.4	4.8	11.8
	DAY-HR	23-21	17-12	06-03	26-15	05-12	26-06	10-03	12-09	29-17	22-10	21-18	04-12	OCT
	# OBS	107	217	248	240	248	227	240	626	708	668	703	192	4424
1981	MEAN	-	-	-	-	2.1	1.6	1.1	1.6	2.4	2.5	4.0	4.0	2.4
	MAXIMUM	-	-	-	-	5.3	3.2	1.8	3.3	5.9	6.4	9.4	8.8	9.4
	DAY-HR	-	-	-	-	18-02	04-01	10-00	22-23	27-12	07-02	10-06	20-15	NOV
	# OBS	-	-	-	-	580	719	744	744	704	719	704	704	5618
1982	MEAN	3.3	3.0	3.9	2.9	1.8	1.4	1.5	1.4	1.8	2.9	3.6	4.3	2.7
	MAXIMUM	7.4	6.7	7.7	7.3	3.7	3.3	3.4	3.2	6.1	6.0	7.6	11.7	11.7
	DAY-HR	27-22	19-14	02-07	13-14	16-10	25-16	08-02	05-19	25-17	06-09	30-13	15-22	DEC
	# OBS	733	656	712	692	733	719	740	730	715	744	719	736	8629
1983	MEAN	4.7	5.1	4.4	2.8	1.8	2.0	1.6	1.4	1.6	2.7	4.6	3.5	3.0
	MAXIMUM	11.6	12.9	10.2	9.4	4.3	4.8	4.0	4.0	3.6	6.1	9.9	8.6	12.9
	DAY-HR	26-02	09-13	16-06	01-12	07-22	17-20	02-02	29-23	21-07	10-10	13-02	23-17	FEB
	# OBS	735	668	737	710	740	712	742	742	717	739	717	634	8593
1984	MEAN	3.0	4.2	-	-	-	-	-	-	-	-	-	-	3.5
	MAXIMUM	7.2	8.8	-	-	-	-	-	-	-	-	-	-	8.8
	DAY-HR	09-20	08-23	-	-	-	-	-	-	-	-	-	-	FEB
	# OBS	741	580	-	-	-	-	-	-	-	-	-	-	1321
1985	MEAN	3.6	2.4	4.0	2.4	1.8	1.9	-	1.5	1.9	2.7	3.0	3.8	2.7
	MAXIMUM	7.7	6.2	7.7	4.8	4.1	4.2	-	3.2	3.6	6.8	11.8	10.0	11.8
	DAY-HR	23-17	14-10	05-05	19-04	14-07	04-09	-	30-02	12-10	20-18	29-09	04-12	NOV
	# OBS	740	669	741	717	724	487	-	244	717	738	718	742	7237
1986	MEAN	4.8	4.2	-	-	-	1.6	1.4	1.3	1.7	2.8	3.2	4.4	2.9
	MAXIMUM	10.8	12.7	-	-	-	2.3	3.0	3.1	6.4	5.8	7.7	10.0	12.7
	DAY-HR	18-13	27-06	-	-	-	30-21	02-21	26-17	25-09	30-18	20-13	22-09	FEB
	# OBS	743	627	-	-	-	57	737	734	707	727	688	729	5749
1987	MEAN	4.7	3.8	3.3	3.4	2.3	2.0	1.7	1.6	2.2	2.4	3.6	4.2	2.9
	MAXIMUM	9.7	9.4	8.1	8.5	6.4	4.6	3.7	3.0	5.4	6.5	11.7	11.4	11.7
	DAY-HR	24-15	10-23	12-06	07-05	30-18	20-19	19-20	23-23	14-21	30-14	29-22	01-14	NOV
	# OBS	729	661	730	702	738	710	741	735	677	736	711	430	8300
1988	MEAN	4.0	3.1	3.9	-	-	-	-	1.4	1.8	2.3	4.0	3.2	2.9
	MAXIMUM	9.1	5.9	7.2	-	-	-	-	3.2	5.1	5.5	7.4	9.1	9.1
	DAY-HR	13-22	04-22	04-18	-	-	-	-	29-22	29-09	13-05	23-10	30-18	DEC
	# OBS	736	690	248	-	-	-	-	600	709	727	681	722	5113
1989	MEAN	3.2	2.8	3.2	2.5	1.9	2.1	1.4	1.3	1.7	2.5	2.8	3.2	2.4
	MAXIMUM	6.5	7.0	6.3	6.2	3.9	3.4	2.9	2.8	3.2	6.4	7.3	8.4	8.4
	DAY-HR	14-04	24-04	27-03	20-17	23-05	24-22	17-22	01-00	23-21	22-04	25-21	03-00	DEC
	# OBS	721	642	715	702	715	701	707	732	695	726	703	718	8477
1990	MEAN	3.8	3.9	3.4	2.3	2.2	1.8	1.4	1.7	1.8	2.5	2.9	2.9	2.5
	MAXIMUM	9.6	9.6	7.0	5.9	6.5	5.2	3.0	4.5	4.5	6.0	5.7	6.1	9.6
	DAY-HR	30-11	05-12	10-14	09-13	30-03	03-19	04-07	26-06	25-21	26-23	13-04	14-16	FEB
	# OBS	720	650	721	705	722	704	731	722	680	725	702	657	8439
1991	MEAN	3.0	-	-	-	-	-	-	-	-	-	-	-	3.0
	MAXIMUM	7.2	-	-	-	-	-	-	-	-	-	-	-	7.2
	DAY-HR	11-04	-	-	-	-	-	-	-	-	-	-	-	JAN
	# OBS	227	-	-	-	-	-	-	-	-	-	-	-	227
1992	MEAN	-	-	-	-	-	1.8	1.5	1.5	2.3	3.1	3.2	3.9	2.5
	MAXIMUM	-	-	-	-	-	3.6	3.0	2.8	8.0	8.1	6.5	9.8	9.8
	DAY-HR	-	-	-	-	-	30-00	01-02	10-02	15-07	30-10	26-19	08-23	DEC
	# OBS	-	-	-	-	-	330	742	740	708	733	696	718	4667

1993	MEAN	3.5	3.9	3.9	4.2	2.9	1.7	1.7	1.8	1.5	2.3	2.9	4.3	2.9
	MAXIMUM	7.5	7.5	9.0	9.1	7.7	3.3	3.2	4.2	3.0	4.6	6.1	10.8	10.8
	DAY-HR	19-10	03-12	22-23	15-02	03-14	08-23	22-18	22-13	01-00	22-16	30-20	13-23	DEC
	# OBS	731	631	723	708	735	706	732	732	711	736	712	738	8595
1994	MEAN	3.6	3.5	3.7	3.1	2.7	1.8	1.5	1.6	2.0	2.8	3.8	4.8	2.9
	MAXIMUM	10.1	6.0	8.0	8.4	4.8	4.5	2.6	3.3	4.3	6.2	8.9	8.9	10.1
	DAY-HR	24-06	14-08	24-17	25-03	31-12	12-22	19-01	26-13	09-00	27-13	09-13	22-10	JAN
	# OBS	733	644	737	717	726	709	697	737	704	729	708	734	8575
1995	MEAN	4.6	3.4	3.8	3.2	2.1	2.4	1.5	1.7	2.5	2.7	3.4	4.6	3.0
	MAXIMUM	8.4	6.2	11.2	7.5	5.2	8.3	2.6	3.2	7.2	5.7	6.0	8.4	11.2
	DAY-HR	03-00	02-01	22-16	07-18	09-14	10-00	23-01	10-09	24-07	21-10	25-06	14-00	MAR
	# OBS	738	670	734	709	731	710	731	734	699	733	634	710	8533
1996	MEAN	3.6	4.3	3.3	3.9	2.0	1.7	1.6	1.6	2.2	2.9	3.2	3.9	2.8
	MAXIMUM	9.2	8.7	6.8	9.6	6.0	4.4	3.2	4.8	5.2	6.6	7.2	8.0	9.6
	DAY-HR	30-04	21-06	24-18	16-06	18-02	06-09	15-04	30-03	23-17	13-08	09-11	05-20	APR
	# OBS	713	668	723	721	700	704	825	729	710	717	681	728	8619
1997	MEAN	3.8	3.5	3.6	2.5	2.3	2.2	1.3	-	-	-	-	3.1	3.1
	MAXIMUM	8.3	6.6	6.4	5.0	5.0	5.9	1.7	-	-	-	-	6.4	8.3
	DAY-HR	17-02	09-12	28-16	23-01	03-12	03-08	03-13	-	-	-	-	24-00	JAN
	# OBS	664	591	650	699	269	534	14	-	-	-	-	201	3622
1998	MEAN	4.9	5.7	3.5	3.1	2.5	1.6	1.6	1.5	2.4	3.0	4.5	4.1	3.4
	MAXIMUM	11.7	12.5	7.6	6.5	5.7	2.8	3.3	2.2	5.6	6.7	10.6	9.1	12.5
	DAY-HR	18-22	01-16	21-15	18-11	24-09	25-03	14-10	09-05	16-12	24-14	25-15	03-21	FEB
	# OBS	716	647	680	611	657	462	430	480	588	695	692	720	7378
1999	MEAN	3.7	5.5	4.2	2.2	2.1	2.2	1.9	1.5	1.9	3.1	3.8	4.4	2.9
	MAXIMUM	10.6	12.8	9.1	5.5	4.2	6.2	2.8	2.6	4.5	16.3	9.1	7.5	16.3
	DAY-HR	18-00	16-01	29-01	08-22	07-09	13-05	14-06	28-13	05-22	27-15	18-13	04-17	OCT
	# OBS	676	503	357	587	686	614	615	567	549	672	654	361	6841
2000	MEAN	-	-	-	-	-	-	-	1.7	1.9	3.1	3.6	3.9	3.0
	MAXIMUM	-	-	-	-	-	-	-	3.0	3.5	9.3	9.2	14.7	14.7
	DAY-HR	-	-	-	-	-	-	-	30-17	17-15	29-00	29-15	21-19	DEC
	# OBS	-	-	-	-	-	-	-	300	713	704	657	711	3085
2001	MEAN	4.8	3.5	3.2	2.9	2.0	1.7	1.4	1.9	2.3	2.7	4.4	4.7	2.9
	MAXIMUM	9.8	9.5	9.3	5.8	6.4	3.9	3.3	5.7	5.2	5.9	12.8	11.4	12.8
	DAY-HR	18-06	02-03	25-02	07-03	01-03	27-04	30-06	22-13	26-12	13-06	20-19	22-15	NOV
	# OBS	729	664	724	700	635	708	741	740	700	737	701	672	8451
POR	MEAN	4.0	3.8	3.6	2.9	2.1	1.9	1.5	1.5	2.0	2.7	3.6	4.0	2.8
	MAXIMUM	11.7	12.9	11.2	9.6	7.7	8.3	4.0	5.7	8.0	16.3	12.8	14.7	16.3
	YEAR	1998	1983	1995	1996	1993	1995	1983	2001	1992	1999	2001	2000	OCT/1999
	# OBS	12875	11300	10422	10310	10833	10979	11401	12862	13589	14200	13543	12804	145118

STATION: 46006

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

Month: JAN

WIND SPEED	WIND DIRECTION														TOT %	TOT N
	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.0	-	-	-	-	*	-	*	*	-	-	*	*	0.1	8	
1 - 3		0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.3	157	
4 - 6		0.3	0.3	0.4	0.3	0.4	0.3	0.3	0.4	0.3	0.4	0.4	0.4	4.1	483	
7 - 10		0.7	0.5	0.4	0.6	0.8	1.1	1.5	1.3	1.2	1.1	1.0	0.8	11.1	1296	
11 - 15		1.1	1.0	0.9	0.6	1.0	2.1	2.6	3.3	2.5	2.2	1.6	1.0	19.8	2309	
16 - 20		1.3	0.5	0.3	0.2	1.5	2.6	4.7	3.9	3.9	3.4	2.4	1.3	25.9	3018	
21 - 24		0.8	0.3	0.1	0.1	0.7	1.4	4.3	3.3	2.8	2.6	1.5	1.1	18.9	2201	
25 - 33		0.3	0.2	0.3	0.2	0.5	1.8	2.7	2.7	2.1	2.6	1.9	1.6	16.9	1963	
34 - 47		*	-	0.1	-	*	0.2	0.3	0.1	0.3	0.3	0.3	0.1	1.7	200	
> 48		-	-	-	-	-	-	-	-	*	*	-	-	0.0	4	
TOTAL %	0.0	4.7	2.9	2.6	2.1	5.1	9.5	16.4	15.2	13.2	12.6	9.4	6.3	100.0		
TOTAL N	1	548	343	306	249	588	1110	1909	1764	1540	1463	1089	729		11639	

(\* < 0.05%)

STATION: 46006

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

Month: FEB

WIND SPEED	WIND DIRECTION														TOT %	TOT N
	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.2	-	*	*	*	*	*	-	*	-	*	*	-	0.3	31	
1 - 3		0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.1	0.2	0.2	0.2	2.5	251	
4 - 6		0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.2	4.6	466	
7 - 10		0.8	1.0	0.6	0.6	0.5	0.7	1.2	1.2	1.0	1.0	1.0	0.9	10.4	1059	

11 - 15	1.7	1.7	1.0	0.7	1.2	1.8	1.9	3.2	2.2	1.7	1.5	2.0	20.6	2089
16 - 20	1.5	1.6	1.1	0.8	1.2	2.8	2.3	3.2	3.3	2.4	2.4	2.8	25.4	2571
21 - 24	0.9	0.6	0.5	0.9	0.8	1.0	1.7	2.7	2.4	1.6	2.0	1.9	17.1	1733
25 - 33	0.3	0.2	0.1	0.6	0.5	0.8	2.1	2.6	3.4	2.6	2.4	1.5	17.0	1729
34 - 47	*	0.1	0.1	0.1	*	0.1	0.4	0.2	0.3	0.4	0.3	0.1	2.1	211
> 48	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.2	5.8	5.7	4.2	4.3	4.9	7.8	10.1	13.8	13.1	10.3	10.3	9.5	100.0
TOTAL N	17	587	580	422	437	494	791	1029	1402	1325	1045	1044	968	10141

(\* < 0.05%)

STATION: 46006

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	0.1	*	*	-	-	-	-	*	-	*	-	*	-	0.2	14
1 - 3		0.1	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.2	0.3	2.2	195
4 - 6		0.4	0.4	0.3	0.3	0.4	0.4	0.5	0.4	0.5	0.5	0.6	0.4	5.1	457
7 - 10		1.2	0.7	0.6	0.4	0.6	0.6	1.3	0.9	1.4	1.8	1.6	1.3	12.3	1109
11 - 15		1.3	0.8	0.7	0.7	1.3	1.7	2.6	2.8	2.3	2.8	2.5	1.9	21.2	1916
16 - 20		1.0	0.7	0.8	0.6	1.4	1.9	3.1	3.6	3.4	3.9	2.6	2.0	24.9	2248
21 - 24		0.5	0.5	0.8	0.2	0.9	1.2	1.5	2.7	2.1	2.5	2.2	1.7	16.9	1521
25 - 33		0.8	0.7	0.4	0.2	0.8	0.9	0.7	1.8	2.0	2.7	2.9	2.5	16.3	1475
34 - 47		0.1	0.1	*	-	-	0.1	0.1	*	0.1	0.3	0.2	0.1	1.0	88
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	5.3	3.9	3.9	2.6	5.5	7.1	9.9	12.3	11.8	14.7	12.9	10.0	100.0	
TOTAL N	8	474	355	352	232	499	637	893	1110	1064	1328	1165	906	9023	

(\* < 0.05%)

STATION: 46006

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	0.3	*	-	-	-	*	-	*	*	-	*	*	*	0.4	34
1 - 3		0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.2	0.1	0.2	2.0	177
4 - 6		0.4	0.3	0.2	0.3	0.3	0.5	0.6	0.6	0.5	0.4	0.4	0.3	4.9	438
7 - 10		0.6	0.5	0.3	0.4	0.4	1.0	1.2	1.5	1.9	1.5	1.0	0.9	11.3	1019
11 - 15		1.4	1.3	0.7	0.6	0.6	1.8	2.7	3.0	4.3	3.5	3.4	2.5	25.9	2331
16 - 20		2.6	1.2	0.6	0.5	0.6	1.2	3.2	3.5	4.0	4.6	4.0	3.0	28.9	2602
21 - 24		1.4	0.7	0.3	0.2	0.1	0.5	2.0	3.1	1.9	2.6	2.3	1.4	16.5	1489
25 - 33		0.5	0.6	0.2	*	0.1	0.4	1.1	1.0	1.3	2.2	1.5	0.5	9.5	859
34 - 47		0.1	-	-	-	-	-	-	*	*	0.2	0.1	0.2	0.6	56
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	7.2	4.8	2.5	2.1	2.3	5.5	11.0	13.0	14.2	15.2	12.9	9.1	100.0	
TOTAL N	25	646	431	227	188	211	491	995	1170	1278	1365	1162	816	9005	

(\* < 0.05%)

STATION: 46006

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

Month: MAY

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	*	*	-	*	*	*	-	*	*	*	*	*	0.4	43
1 - 3		0.4	0.4	0.2	0.4	0.3	0.2	0.2	0.3	0.3	0.3	0.4	0.4	3.8	381
4 - 6		0.8	0.8	0.7	0.5	0.4	0.5	0.7	0.6	1.0	0.9	0.7	0.8	8.5	848
7 - 10		2.3	2.1	1.0	0.7	0.8	1.1	1.4	2.2	2.2	1.9	2.1	2.6	20.5	2060
11 - 15		2.7	2.6	1.4	0.9	0.8	1.5	2.7	4.0	4.4	3.9	3.6	4.0	32.6	3269
16 - 20		1.4	1.4	1.3	0.7	0.4	0.7	1.3	2.6	4.3	3.8	3.1	2.5	23.4	2346
21 - 24		0.3	0.5	0.4	0.5	0.1	0.2	0.7	0.7	0.8	1.7	1.6	0.8	8.4	841
25 - 33		0.3	*	*	*	*	*	0.1	0.2	0.1	0.7	0.7	0.1	2.4	242
34 - 47		-	-	-	-	-	*	-	-	-	-	-	-	0.0	2
> 48		*	*	-	-	-	-	-	-	-	*	-	-	0.0	3
TOTAL %	0.2	8.2	7.9	5.0	3.8	3.0	4.2	7.1	10.6	13.2	13.3	12.2	11.2	100.0	
TOTAL N	24	825	793	502	380	300	419	715	1061	1325	1339	1226	1126	10035	

(\* < 0.05%)

STATION: 46006

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

Month: JUN

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

	0	0.0	*	*	*	*	-	*	*	*	*	*	0.1	*	0.3	33
1 - 3			0.4	0.4	0.3	0.2	0.3	0.3	0.4	0.4	0.5	0.6	0.6	0.5	4.7	462
4 - 6			0.9	0.6	0.4	0.2	0.3	0.4	0.9	1.3	1.1	1.1	1.4	0.9	9.7	962
7 - 10			2.5	1.7	0.9	0.5	0.5	0.3	1.8	2.5	2.5	3.4	3.5	3.8	23.9	2373
11 - 15			4.2	1.7	0.7	0.4	0.5	1.2	2.6	4.1	4.1	4.9	5.1	5.8	35.1	3488
16 - 20			1.5	0.9	0.4	*	0.4	0.8	1.4	3.0	3.1	3.2	3.4	2.5	20.4	2028
21 - 24			0.1	0.1	*	-	0.1	0.2	0.4	1.0	1.1	0.9	0.7	0.1	4.8	478
25 - 33			*	0.1	-	-	*	0.1	0.1	0.1	0.4	0.2	0.1	-	1.1	109
34 - 47			-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48			-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	9.6	5.4	2.8	1.3	2.0	3.3	7.6	12.5	12.8	14.4	14.7	13.6	100.0		
TOTAL N	1	955	537	277	129	199	325	755	1241	1271	1430	1462	1351		9933	

(\* < 0.05%)

STATION: 46006

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

Month: JUL

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	-	*	*	-	*	*	*	*	*	*	*	0.1	0.2	27
1 - 3		0.5	0.4	0.4	0.3	0.3	0.5	0.4	0.3	0.4	0.4	0.5	0.5	4.9	549
4 - 6		1.4	1.3	0.9	0.5	0.4	0.4	0.9	0.8	1.1	1.2	1.5	1.6	12.0	1345
7 - 10		4.6	4.5	2.1	0.6	0.6	0.5	1.2	1.7	2.8	2.7	3.3	4.4	28.9	3237
11 - 15		8.7	7.7	1.6	0.3	0.2	0.3	1.4	2.5	2.9	3.4	3.2	4.9	37.0	4149
16 - 20		3.6	3.5	0.5	0.1	-	0.2	0.5	1.1	1.5	1.2	1.0	1.5	14.6	1638
21 - 24		0.5	0.2	0.1	-	-	*	0.1	0.2	0.3	0.2	0.2	0.2	2.1	239
25 - 33		-	-	-	-	-	*	*	*	*	0.1	*	*	0.2	21
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	19.3	17.7	5.6	1.8	1.5	1.8	4.6	6.7	9.0	9.1	9.8	13.2	100.0	
TOTAL N	7	2160	1978	625	201	163	205	513	746	1006	1018	1102	1481		11205

(\* < 0.05%)

STATION: 46006

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

Month: AUG

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	*	*	*	*	*	*	*	*	*	*	*	0.1	0.6	73
1 - 3		0.6	0.5	0.5	0.5	0.3	0.4	0.3	0.3	0.4	0.5	0.6	0.4	5.4	659
4 - 6		1.3	1.1	1.0	0.9	0.6	0.9	1.0	0.6	1.0	1.2	1.3	1.6	12.4	1533
7 - 10		3.7	3.1	2.2	1.3	0.9	1.3	1.9	1.8	2.5	2.6	2.8	3.7	27.8	3429
11 - 15		6.5	5.2	1.9	0.7	0.6	1.1	1.8	2.5	2.8	3.8	4.1	4.8	35.8	4414
16 - 20		2.8	2.8	0.4	0.1	*	0.5	1.1	1.0	1.3	1.4	1.9	1.7	14.9	1838
21 - 24		0.7	0.4	*	-	-	0.1	0.2	0.3	0.2	0.2	0.2	0.3	2.6	321
25 - 33		*	*	-	-	-	-	*	*	*	*	*	0.1	0.4	47
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	15.6	13.1	6.0	3.6	2.6	4.3	6.3	6.6	8.4	9.7	10.9	12.7	100.0	
TOTAL N	24	1925	1609	738	447	316	524	781	812	1030	1200	1346	1562		12314

(\* < 0.05%)

STATION: 46006

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	*	*	0.1	*	*	*	0.1	*	*	*	*	*	0.6	80
1 - 3		0.6	0.6	0.8	0.5	0.6	0.4	0.4	0.4	0.5	0.4	0.3	0.5	6.0	797
4 - 6		1.3	1.6	1.2	0.8	0.7	0.7	0.6	1.0	0.9	0.8	0.9	1.0	11.5	1526
7 - 10		3.7	4.4	2.7	1.3	0.6	0.9	1.2	1.5	1.9	1.6	2.0	2.5	24.5	3241
11 - 15		5.7	6.8	2.9	1.4	0.3	0.8	2.2	2.7	2.0	2.1	3.3	3.6	33.9	4489
16 - 20		2.7	2.7	1.1	0.6	0.2	0.4	1.0	1.6	1.1	1.9	1.8	2.0	16.9	2243
21 - 24		0.6	0.3	0.2	0.1	*	*	0.1	0.6	0.3	0.5	0.8	0.8	4.3	575
25 - 33		0.1	0.1	0.1	*	*	*	0.1	0.2	0.2	0.3	0.6	0.3	2.2	288
34 - 47		*	-	-	-	-	-	-	-	-	*	-	-	0.0	2
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	14.7	16.5	9.1	4.7	2.6	3.2	5.8	8.0	6.9	7.7	9.7	10.8	100.0	
TOTAL N	33	1946	2189	1199	619	339	428	769	1060	916	1020	1289	1434		13241

(\* < 0.05%)

STATION: 46006



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	0.1	*	*	-	-	*	*	*	*	*	*	*	*	*	0.3	37
1 - 3		0.3	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	3.5	470	
4 - 6		0.6	0.6	0.7	0.6	0.8	0.7	0.6	0.7	0.7	0.8	0.7	0.7	8.1	1105	
7 - 10		2.2	1.9	1.6	1.6	1.5	1.7	1.6	2.1	2.0	2.0	1.5	1.6	21.4	2915	
11 - 15		2.6	2.3	1.7	1.3	1.7	1.8	3.3	3.5	3.2	2.9	2.1	2.5	28.8	3929	
16 - 20		1.3	1.2	1.1	0.9	1.1	0.6	2.2	3.2	2.4	2.4	2.4	2.5	21.3	2904	
21 - 24		0.4	0.3	0.1	0.3	0.2	0.4	1.2	1.8	0.9	1.2	1.3	1.3	9.5	1293	
25 - 33		0.3	0.3	0.3	0.2	0.2	0.2	0.4	1.1	0.7	0.8	1.2	0.8	6.5	881	
34 - 47		*	0.1	*	*	*	*	0.1	*	0.1	0.1	0.1	*	0.6	85	
> 48		-	-	-	-	*	*	-	-	-	*	-	-	0.0	3	
TOTAL %	0.1	7.6	6.9	5.8	5.2	5.9	5.9	9.8	12.7	10.4	10.5	9.6	9.7	100.0		
TOTAL N	11	1041	939	795	707	806	797	1330	1731	1410	1433	1305	1317		13622	

(\* < 0.05%)

STATION: 46006

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

Month: NOV

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	*	*	*	*	*	*	-	*	-	-	*	*	0.2	28
1 - 3		0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.1	268
4 - 6		0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.4	0.7	4.9	609
7 - 10		0.8	0.7	0.7	0.6	0.5	0.9	1.3	1.4	1.5	1.5	1.1	1.1	12.2	1534
11 - 15		1.8	1.3	0.9	0.8	0.7	1.2	2.6	3.0	3.0	2.2	2.4	1.8	21.7	2717
16 - 20		1.8	0.8	0.5	0.6	0.8	1.7	2.9	3.8	3.2	3.5	3.2	2.8	25.6	3213
21 - 24		0.7	0.3	0.2	0.1	0.4	1.1	1.5	2.6	2.4	3.0	2.2	1.8	16.2	2038
25 - 33		0.4	0.1	0.1	0.1	0.3	0.7	1.9	2.1	2.2	3.2	2.3	1.6	15.1	1893
34 - 47		*	-	-	*	*	0.1	0.2	0.2	0.1	0.4	0.6	0.1	1.8	227
> 48		-	-	-	-	-	*	0.1	-	-	-	*	-	0.1	17
TOTAL %	0.1	6.1	3.5	2.8	2.9	3.3	6.2	11.0	13.7	13.1	14.6	12.5	10.2	100.0	
TOTAL N	11	769	443	350	359	409	782	1377	1718	1642	1827	1572	1285		12544

(\* < 0.05%)

STATION: 46006

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	-	-	*	-	*	*	*	*	-	*	*	*	0.1	9
1 - 3		0.2	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.2	1.9	217
4 - 6		0.4	0.5	0.3	0.5	0.5	0.4	0.3	0.3	0.4	0.2	0.2	0.3	4.5	523
7 - 10		0.8	1.0	0.5	0.8	1.2	0.9	1.1	0.8	0.9	0.9	0.8	0.7	10.5	1218
11 - 15		1.1	0.7	1.0	1.3	1.5	2.6	2.7	2.9	2.2	1.9	1.6	1.4	20.9	2426
16 - 20		1.3	0.5	1.4	1.2	1.6	2.6	3.6	4.2	2.8	2.6	2.7	1.9	26.4	3061
21 - 24		0.8	0.2	0.4	0.5	0.7	1.6	3.0	2.5	2.4	2.4	2.1	1.2	17.7	2049
25 - 33		0.4	0.1	0.5	0.7	0.3	1.2	1.9	2.2	2.1	3.2	2.0	1.2	15.7	1825
34 - 47		*	*	0.1	0.2	*	0.1	0.1	0.5	0.2	0.5	0.2	0.2	2.1	249
> 48		-	-	-	-	-	-	-	-	*	*	*	*	0.1	11
TOTAL %	0.0	5.1	3.2	4.3	5.3	6.0	9.5	13.0	13.7	11.2	11.8	9.8	7.0	100.0	
TOTAL N	0	595	369	502	609	701	1106	1502	1588	1294	1369	1140	813		11588

(\* < 0.05%)

STATION: 46006

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

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	*	*	*	*	*	*	*	*	*	*	*	*	0.3	417
1 - 3		0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	3.4	4583
4 - 6		0.7	0.7	0.6	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	7.7	10295
7 - 10		2.1	1.9	1.2	0.8	0.8	0.9	1.4	1.6	1.8	1.8	1.8	2.0	18.2	24490
11 - 15		3.3	2.9	1.3	0.8	0.9	1.5	2.4	3.1	2.9	2.9	2.8	3.0	27.9	37526
16 - 20		1.9	1.5	0.8	0.5	0.8	1.3	2.2	2.9	2.8	2.8	2.5	2.2	22.1	29710
21 - 24		0.6	0.3	0.2	0.2	0.3	0.6	1.4	1.7	1.4	1.6	1.4	1.0	11.0	14778
25 - 33		0.3	0.2	0.2	0.2	0.2	0.5	0.9	1.2	1.2	1.5	1.3	0.8	8.4	11332
34 - 47		*	*	*	*	*	*	0.1	0.1	0.1	0.2	0.1	0.1	0.8	1120
> 48		*	*	-	-	*	*	*	-	*	*	*	*	0.0	39
TOTAL %	0.1	9.3	7.9	4.7	3.4	3.7	5.7	9.4	11.5	11.2	11.8	11.1	10.3	100.0	
TOTAL N	162	12471	10566	6295	4557	5025	7615	12568	15403	15101	15837	14902	13788		134290

(\* < 0.05%)

STATION: 46006

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	0.1	-	*	*	*	*	*	*	*	*	*	*	*	*	0.1	48
1 - 3		0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.2	1.9	625	
4 - 6		0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3	4.4	1472	
7 - 10		0.8	0.8	0.5	0.7	0.9	0.9	1.3	1.1	1.1	1.0	0.9	0.8	10.7	3573	
11 - 15		1.3	1.1	1.0	0.9	1.2	2.2	2.4	3.1	2.3	1.9	1.6	1.4	20.5	6824	
16 - 20		1.4	0.9	0.9	0.7	1.5	2.6	3.6	3.8	3.3	2.8	2.5	2.0	25.9	8650	
21 - 24		0.8	0.3	0.3	0.5	0.7	1.3	3.1	2.8	2.5	2.2	1.9	1.4	17.9	5983	
25 - 33		0.3	0.2	0.3	0.5	0.4	1.3	2.3	2.5	2.5	2.8	2.1	1.4	16.5	5517	
34 - 47		*	*	0.1	0.1	*	0.1	0.2	0.3	0.2	0.4	0.3	0.1	2.0	660	
> 48		*	-	-	-	-	-	-	-	*	*	*	*	0.0	16	
TOTAL %	0.1	5.2	3.9	3.7	3.9	5.3	9.0	13.3	14.2	12.5	11.6	9.8	7.5	100.0		
TOTAL N	18	1730	1292	1230	1295	1783	3007	4440	4754	4159	3877	3273	2510		33368	

(\* < 0.05%)

STATION: 46006

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	0.2	*	*	-	*	*	*	*	*	*	*	*	*	0.3	91
1 - 3		0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	2.7	753
4 - 6		0.5	0.5	0.4	0.4	0.4	0.4	0.6	0.5	0.7	0.6	0.6	0.5	6.2	1743
7 - 10		1.4	1.2	0.6	0.5	0.6	0.9	1.3	1.5	1.9	1.8	1.6	1.6	14.9	4188
11 - 15		1.8	1.6	1.0	0.7	0.9	1.6	2.7	3.3	3.7	3.4	3.2	2.8	26.8	7516
16 - 20		1.6	1.1	0.9	0.6	0.8	1.2	2.5	3.2	3.9	4.1	3.2	2.5	25.6	7196
21 - 24		0.7	0.5	0.5	0.3	0.4	0.6	1.4	2.1	1.6	2.2	2.0	1.3	13.7	3851
25 - 33		0.5	0.4	0.2	0.1	0.3	0.4	0.6	1.0	1.1	1.8	1.7	1.0	9.2	2576
34 - 47		0.1	*	*	-	-	*	*	*	*	0.2	0.1	0.1	0.5	146
> 48		*	*	-	-	-	-	-	-	-	*	-	-	0.0	3
TOTAL %	0.2	6.9	5.6	3.9	2.9	3.6	5.5	9.3	11.9	13.1	14.4	12.7	10.1	100.0	
TOTAL N	57	1945	1579	1081	800	1010	1547	2603	3341	3667	4032	3553	2848		28063

(\* < 0.05%)

STATION: 46006

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	0.1	*	*	*	*	*	*	*	*	*	*	*	0.1	0.4	133
1 - 3		0.5	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.5	0.6	0.5	5.0	1670
4 - 6		1.2	1.0	0.8	0.6	0.5	0.6	0.9	0.9	1.1	1.2	1.4	1.4	11.5	3840
7 - 10		3.7	3.1	1.8	0.8	0.7	0.7	1.6	2.0	2.6	2.9	3.2	3.9	27.0	9039
11 - 15		6.5	5.0	1.5	0.5	0.4	0.9	1.9	3.0	3.2	4.0	4.1	5.1	36.0	12051
16 - 20		2.7	2.4	0.4	0.1	0.1	0.5	1.0	1.6	1.9	1.9	2.0	1.9	16.5	5504
21 - 24		0.5	0.2	*	-	*	0.1	0.3	0.5	0.5	0.4	0.4	0.2	3.1	1038
25 - 33		*	*	-	-	*	*	0.1	0.1	0.1	0.1	*	0.1	0.5	177
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	15.1	12.3	4.9	2.3	2.0	3.2	6.1	8.4	9.9	10.9	11.7	13.1	100.0	
TOTAL N	32	5040	4124	1640	777	678	1054	2049	2799	3307	3648	3910	4394		33452

(\* < 0.05%)

STATION: 46006

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	*	*	*	*	*	*	*	*	*	*	*	*	0.4	145
1 - 3		0.4	0.3	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	3.9	1535
4 - 6		0.8	0.8	0.7	0.6	0.6	0.6	0.5	0.7	0.7	0.7	0.7	0.8	8.2	3240
7 - 10		2.3	2.4	1.7	1.2	0.9	1.2	1.4	1.7	1.8	1.7	1.6	1.8	19.5	7690
11 - 15		3.4	3.5	1.8	1.2	0.9	1.3	2.7	3.1	2.7	2.4	2.6	2.6	28.3	11135
16 - 20		1.9	1.6	0.9	0.7	0.7	0.9	2.0	2.8	2.2	2.6	2.4	2.4	21.2	8360
21 - 24		0.6	0.3	0.2	0.2	0.2	0.5	0.9	1.6	1.2	1.5	1.4	1.3	9.9	3906
25 - 33		0.3	0.2	0.2	0.1	0.2	0.3	0.8	1.1	1.0	1.4	1.4	0.9	7.8	3062
34 - 47		*	*	*	*	*	*	0.1	0.1	0.1	0.2	0.2	*	0.8	314
> 48		-	-	-	-	*	*	*	-	-	*	*	-	0.1	20
TOTAL %	0.1	9.5	9.1	5.9	4.3	3.9	5.1	8.8	11.4	10.1	10.9	10.6	10.2	100.0	
TOTAL N	55	3756	3571	2344	1685	1554	2007	3476	4509	3968	4280	4166	4036		39407

(\* < 0.05%)

STATION: 46006

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	TOT %	TOT N
1 - 3	-	*	0.4	0.4	0.3	0.1	*	*	-	-	-	-	-	-	-	0.1	8
4 - 6	-	0.1	1.1	1.2	0.7	0.4	0.1	*	-	*	-	-	-	-	-	3.7	481
7 - 10	-	0.5	2.5	3.2	2.3	1.0	0.4	0.1	-	-	-	-	-	-	-	10.0	1286
11 - 15	-	0.5	3.8	6.1	4.3	1.9	0.7	0.1	0.1	*	*	-	-	-	-	17.7	2276
16 - 20	-	0.2	3.5	7.7	6.2	3.5	1.3	0.4	0.2	0.1	*	-	-	-	-	23.1	2973
21 - 24	-	*	1.0	4.9	5.1	3.1	1.4	0.8	0.3	0.1	*	-	-	-	-	16.8	2162
25 - 33	-	-	0.1	1.7	3.5	3.9	2.8	1.7	0.6	0.4	0.2	*	*	-	-	14.9	1923
34 - 47	-	-	-	*	0.1	0.2	0.4	0.3	0.2	0.2	0.1	0.1	-	-	-	1.5	195
> 48	-	-	1.0	2.1	3.3	2.6	1.3	0.6	0.1	-	*	*	-	-	-	11.0	1416
TOTAL %	0.0	1.4	13.6	27.4	25.8	16.7	8.4	4.0	1.6	0.8	0.3	0.1	0.0	0.0	0.0	100.0	
TOTAL N	0	174	1747	3523	3317	2150	1086	514	201	103	42	15	3	0	0		12875

(\* < 0.05%)

STATION: 46006

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	TOT %	TOT N
1 - 3	-	*	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	0.3	31
4 - 6	-	0.2	0.7	0.6	0.5	0.1	*	-	-	-	-	-	-	-	-	2.2	248
7 - 10	-	0.4	1.4	1.1	0.9	0.2	0.1	-	-	-	-	-	-	-	-	4.1	466
11 - 15	-	0.6	3.1	2.5	2.1	0.8	0.1	0.1	*	*	-	-	-	-	-	9.3	1049
16 - 20	-	0.6	4.4	6.8	4.2	1.5	0.6	0.2	*	*	-	-	-	-	-	18.3	2064
21 - 24	-	0.2	3.8	7.1	6.5	3.1	1.0	0.6	0.2	0.1	*	*	-	-	-	22.5	2537
25 - 33	-	*	0.8	3.2	5.1	3.2	1.6	0.9	0.3	0.1	*	*	*	-	-	15.2	1717
34 - 47	-	-	0.1	1.6	3.5	3.9	2.5	1.8	0.8	0.6	0.2	0.1	0.1	*	-	15.2	1712
> 48	-	-	-	*	0.2	0.6	0.5	0.2	0.2	0.1	*	*	-	-	-	1.8	206
TOTAL %	0.0	1.9	15.8	27.5	26.5	14.9	6.7	3.7	1.6	0.8	0.3	0.1	0.1	0.0	0.0	100.0	
TOTAL N	0	217	1790	3110	2997	1686	753	418	181	93	31	12	8	4	0		11300

(\* < 0.05%)

STATION: 46006

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	TOT %	TOT N
1 - 3	-	-	0.1	-	0.1	*	-	-	-	-	-	-	-	-	-	0.1	14
4 - 6	-	*	0.7	0.6	0.3	0.1	-	-	-	-	-	-	-	-	-	1.7	181
7 - 10	-	0.1	1.1	1.7	1.0	0.3	*	-	-	-	-	-	-	-	-	4.1	426
11 - 15	-	0.3	3.0	4.2	2.2	0.4	*	-	-	-	-	-	-	-	-	9.8	1021
16 - 20	-	0.1	5.0	7.1	3.6	1.2	0.2	0.1	*	-	-	-	-	-	-	17.3	1804
21 - 24	-	*	4.4	7.4	5.2	2.4	0.8	0.3	*	-	-	-	-	-	-	20.5	2139
25 - 33	-	-	1.3	4.1	4.6	2.8	1.0	0.2	0.1	-	-	-	-	-	-	14.2	1477
34 - 47	-	-	0.2	1.9	4.1	3.8	2.2	1.2	0.2	0.1	*	-	-	-	-	13.7	1432
> 48	-	-	-	-	0.1	0.2	0.2	0.2	0.1	*	*	-	-	-	-	0.8	87
TOTAL %	0.0	0.3	18.1	32.6	26.5	13.6	5.5	2.4	0.7	0.2	0.1	0.1	0.0	0.0	0.0	100.0	
TOTAL N	0	27	1887	3396	2763	1422	568	246	73	24	9	7	0	0	0		10422

(\* < 0.05%)

STATION: 46006

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	TOT %	TOT N
1 - 3	-	*	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	0.3	33
4 - 6	-	0.3	0.7	0.5	0.1	-	-	-	-	-	-	-	-	-	-	1.6	165
7 - 10	-	0.6	2.1	1.0	0.3	0.1	*	-	-	-	-	-	-	-	-	4.1	419
11 - 15	-	1.1	4.9	2.2	0.8	0.2	*	-	-	-	-	-	-	-	-	9.3	956
> 48	-	1.6	10.3	6.0	2.2	0.6	0.1	*	-	-	-	-	-	-	-	20.8	2145

16 - 20	-	0.7	8.6	8.1	3.5	1.5	0.5	0.1	*	*	-	-	-	-	-	23.0	2369
21 - 24	-	0.1	2.1	5.2	3.0	1.4	0.9	0.2	0.1	*	-	-	-	-	-	12.9	1326
25 - 33	-	-	0.2	1.8	1.9	1.4	1.1	0.4	0.2	0.2	*	-	-	-	-	7.1	733
34 - 47	-	-	*	-	-	*	0.1	0.1	*	*	-	-	-	-	-	0.2	24
> 48	-	0.5	6.8	8.6	3.3	0.8	0.3	0.2	0.1	-	-	-	-	-	-	20.8	2140
TOTAL %	0.0	5.1	35.8	33.5	15.0	6.0	3.0	1.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	523	3688	3453	1546	619	314	107	35	24	1	0	0	0	0		10310

(\* < 0.05%)

STATION: 46006

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	-	0.4	38
1 - 3	-	-	0.1	0.2	*	*	-	-	-	-	-	-	-	-	-	-	0.4	38
4 - 6	-	-	1.6	1.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	3.1	332
7 - 10	-	-	3.1	3.2	0.6	0.1	*	-	-	-	-	-	-	-	-	-	7.1	764
11 - 15	-	-	6.5	8.6	2.2	0.3	0.1	-	-	-	-	-	-	-	-	-	17.7	1919
16 - 20	-	-	7.2	15.9	4.4	0.6	0.1	*	-	-	-	-	-	-	-	-	28.2	3060
21 - 24	-	-	1.6	10.2	6.1	1.6	0.4	0.1	-	-	-	-	-	-	-	-	19.9	2157
25 - 33	-	-	0.1	1.6	3.5	1.4	0.4	*	*	-	-	-	-	-	-	-	7.1	771
34 - 47	-	-	*	0.2	0.5	0.4	0.5	0.4	0.1	*	-	-	-	-	-	-	2.0	217
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	22.9	47.2	21.0	6.1	1.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2483	5117	2278	666	207	72	9	1	0	0	0	0	0	0	0		10833

(\* < 0.05%)

STATION: 46006

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	-	0.3	28
1 - 3	-	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	28
4 - 6	-	-	2.3	1.5	0.1	*	-	-	-	-	-	-	-	-	-	-	4.0	435
7 - 10	-	-	0.1	4.9	2.8	0.4	0.1	-	-	-	-	-	-	-	-	-	8.3	908
11 - 15	-	-	*	10.8	8.9	0.8	0.3	-	-	-	-	-	-	-	-	-	20.8	2288
16 - 20	-	-	9.2	18.2	2.9	0.3	0.1	*	-	-	-	-	-	-	-	-	30.7	3372
21 - 24	-	-	2.3	10.7	3.2	1.0	0.2	0.1	-	-	-	-	-	-	-	-	17.4	1912
25 - 33	-	-	0.1	1.7	1.4	0.4	0.3	0.2	*	*	-	-	-	-	-	-	4.2	456
34 - 47	-	-	-	0.2	0.4	0.2	0.1	0.1	*	*	-	-	-	-	-	-	1.0	109
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	32.7	50.8	12.2	2.8	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	19	3585	5582	1339	310	86	47	7	4	0	0	0	0	0	0	0		10979

(\* < 0.05%)

STATION: 46006

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	-	0.2	26
1 - 3	-	-	0.2	*	*	-	-	-	-	-	-	-	-	-	-	-	0.2	26
4 - 6	-	-	3.7	0.9	*	-	-	-	-	-	-	-	-	-	-	-	4.6	528
7 - 10	-	-	8.9	2.4	0.1	-	-	-	-	-	-	-	-	-	-	-	11.3	1293
11 - 15	-	-	*	18.6	8.3	0.3	-	-	-	-	-	-	-	-	-	-	27.2	3101
16 - 20	-	-	15.2	18.0	1.0	-	-	-	-	-	-	-	-	-	-	-	34.2	3904
21 - 24	-	-	2.0	9.5	1.9	0.1	-	-	-	-	-	-	-	-	-	-	13.5	1538
25 - 33	-	-	*	0.9	0.7	0.2	-	-	-	-	-	-	-	-	-	-	1.8	208
34 - 47	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	7
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	52.7	42.5	4.5	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	3	6013	4843	511	31	0	0	0	0	0	0	0	0	0	0	0		11401

(\* < 0.05%)

STATION: 46006

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	0.6	73
1 - 3	-	0.4	0.2	*	-	-	-	-	-	-	-	-	-	-	-	5.0	642
4 - 6	-	3.5	1.4	0.1	*	-	-	-	-	-	-	-	-	-	-	11.8	1514
7 - 10	-	8.9	2.7	0.2	-	-	-	-	-	-	-	-	-	-	-	26.1	3359
11 - 15	-	17.7	7.9	0.5	*	-	-	-	-	-	-	-	-	-	-	33.9	4363
16 - 20	-	15.8	16.6	1.5	*	*	-	-	-	-	-	-	-	-	-	14.1	1818
21 - 24	-	2.1	9.3	2.4	0.2	0.1	*	-	-	-	-	-	-	-	-	2.4	305
25 - 33	-	*	1.1	0.9	0.3	*	-	-	-	-	-	-	-	-	-	0.3	45
34 - 47	-	-	0.1	0.1	0.2	*	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.8	743
TOTAL %	0.0	53.1	40.4	5.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	6824	5191	731	101	14	1	0	0	0	0	0	0	0	0		12862

STATION: 46006

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	0.6	76
1 - 3	-	0.4	0.1	*	-	-	-	-	-	-	-	-	-	-	-	5.7	771
4 - 6	-	2.8	2.3	0.5	0.1	-	-	-	-	-	-	-	-	-	-	10.9	1486
7 - 10	-	5.2	4.5	1.0	0.3	0.1	-	-	-	-	-	-	-	-	-	23.1	3137
11 - 15	-	10.1	10.5	1.9	0.4	0.1	*	-	-	-	-	-	-	-	-	31.6	4293
16 - 20	-	7.5	19.2	3.8	0.8	0.3	*	-	-	-	-	-	-	-	-	15.6	2115
21 - 24	-	1.1	9.0	4.1	0.9	0.3	0.1	*	-	-	-	-	-	-	-	3.9	524
25 - 33	-	*	1.2	1.5	0.6	0.3	0.2	*	-	-	-	-	-	-	-	1.8	248
34 - 47	-	-	0.2	0.6	0.5	0.3	0.1	0.1	*	-	-	-	-	-	-	0.0	2
> 48	-	-	-	*	-	-	-	-	*	-	-	-	-	-	-	6.9	937
TOTAL %	0.0	28.1	50.1	15.4	4.2	1.5	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	3825	6814	2098	569	208	54	14	7	0	0	0	0	0	0		13589

STATION: 46006

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	0.3	37
1 - 3	-	*	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	3.3	469
4 - 6	-	0.5	1.8	0.6	0.3	0.1	*	-	-	-	-	-	-	-	-	7.7	1098
7 - 10	-	1.4	3.9	1.7	0.6	0.1	*	-	-	-	-	-	-	-	-	20.3	2889
11 - 15	-	3.6	10.8	4.4	1.1	0.3	*	*	-	-	-	-	-	-	-	27.4	3890
16 - 20	-	2.1	13.9	7.8	2.8	0.6	0.1	*	*	-	-	-	-	-	-	20.2	2872
21 - 24	-	0.4	7.2	7.7	3.3	1.2	0.3	*	*	-	-	-	-	-	-	8.9	1270
25 - 33	-	*	1.4	3.0	2.6	1.4	0.5	0.1	*	*	-	-	-	-	-	6.1	862
34 - 47	-	-	0.2	1.1	1.7	1.7	0.9	0.2	0.1	0.1	*	*	*	-	-	0.6	85
> 48	-	-	-	-	0.1	0.2	0.1	*	*	*	*	*	*	-	*	5.1	728
TOTAL %	0.0	8.2	41.0	28.6	13.1	6.0	2.1	0.4	0.3	0.1	0.1	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1169	5817	4057	1867	856	296	61	36	16	9	3	6	0	7		14200

STATION: 46006

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	0.2	28
1 - 3	-	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	2.0	267
4 - 6	-	0.1	0.7	0.7	0.4	0.1	*	-	-	-	-	-	-	-	-	4.5	603
7 - 10	-	0.4	1.6	1.4	0.7	0.3	*	-	*	-	-	-	-	-	-	11.2	1517
11 - 15	-	0.8	4.4	3.7	1.7	0.5	0.1	*	-	*	-	-	-	-	-	19.8	2680
16 - 20	-	0.7	6.4	7.1	3.5	1.6	0.3	0.1	*	-	*	-	-	-	-	23.4	3163
21 - 24	-	0.2	4.5	9.4	5.4	2.6	0.8	0.3	0.1	*	-	-	-	-	-	14.8	2003
25 - 33	-	*	0.9	4.7	4.6	2.6	1.2	0.5	0.3	0.1	-	-	-	-	-	13.7	1856
34 - 47	-	-	0.2	2.0	4.0	3.7	1.9	1.1	0.6	0.2	*	*	*	-	-	1.6	219
> 48	-	-	-	*	0.1	0.3	0.4	0.3	0.2	0.2	*	*	*	-	-	8.9	1207
TOTAL %	0.0	2.4	20.3	31.9	22.3	13.2	5.3	2.6	1.3	0.6	0.1	0.0	0.0	0.0	0.0	100.0	

TOTAL N 0 320 2749 4315 3019 1783 723 347 176 81 15 6 6 3 0 13543  
 (\* < 0.05%)

STATION: 46006

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	0.1	9
1 - 3	-	*	*	*	*	*	-	-	-	-	-	-	-	-	-	1.7	216
4 - 6	-	0.2	1.4	1.1	0.7	0.4	0.2	-	-	-	-	-	-	-	-	4.0	512
7 - 10	-	0.3	2.7	3.2	1.9	0.9	0.3	*	*	-	-	-	-	-	-	9.4	1204
11 - 15	-	0.4	5.0	6.2	3.7	2.1	0.9	0.3	0.1	*	-	-	-	-	-	18.7	2395
16 - 20	-	0.1	4.5	6.4	6.0	3.6	1.9	0.7	0.2	*	*	-	-	-	-	23.5	3005
21 - 24	-	*	1.3	3.3	5.1	3.3	1.6	0.7	0.2	0.1	*	-	-	-	-	15.8	2019
25 - 33	-	-	0.2	1.5	3.6	3.4	2.4	1.6	0.9	0.3	0.1	*	-	-	-	13.9	1785
34 - 47	-	-	-	*	0.1	0.3	0.3	0.4	0.3	0.2	0.1	0.1	0.1	*	*	1.9	240
> 48	-	-	0.6	2.8	3.2	2.3	1.3	0.6	0.2	0.1	0.1	*	*	-	-	11.1	1419
TOTAL %	0.0	1.1	16.3	25.0	24.8	16.5	9.0	4.3	1.9	0.6	0.3	0.1	0.1	0.0	0.0	100.0	
TOTAL N	0	136	2088	3204	3175	2112	1148	552	249	83	34	12	8	2	1		12804

STATION: 46006

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	0.3	401
1 - 3	*	1.3	1.1	0.4	0.2	0.1	*	*	-	-	-	-	-	-	-	3.0	4409
4 - 6	*	2.8	2.4	1.0	0.4	0.2	*	*	*	*	-	-	-	-	-	6.9	9970
7 - 10	*	5.9	6.4	2.5	1.1	0.4	0.1	*	*	*	-	-	-	-	-	16.3	23726
11 - 15	*	5.0	11.4	5.1	2.2	0.9	0.3	0.1	*	*	*	-	-	-	-	25.0	36246
16 - 20	-	0.9	7.0	6.0	3.3	1.6	0.6	0.2	0.1	*	*	*	-	-	-	19.7	28598
21 - 24	-	*	1.3	3.0	2.7	1.6	0.7	0.3	0.1	*	*	*	*	-	-	9.8	14238
25 - 33	-	*	0.1	1.1	2.0	1.9	1.2	0.7	0.3	0.2	*	*	*	*	-	7.5	10929
34 - 47	-	-	*	*	0.1	0.2	0.2	0.1	0.1	0.1	*	*	*	*	*	0.7	1058
> 48	-	1.3	2.8	3.0	1.9	1.0	0.4	0.2	0.1	*	*	*	*	*	*	10.7	15543
TOTAL %	0.0	17.4	32.6	22.1	14.0	7.7	3.5	1.6	0.7	0.3	0.1	0.0	0.0	0.0	0.0	100.0	
TOTAL N	22	25296	47313	32015	20361	11143	5062	2275	963	424	141	55	31	9	8		145118

STATION: 46006

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	48
1 - 3	-	0.1	0.5	0.5	0.4	0.2	*	*	-	-	-	-	-	-	-	1.7	619
4 - 6	-	0.2	1.3	1.1	0.8	0.3	0.1	*	-	*	-	-	-	-	-	3.9	1459
7 - 10	-	0.4	2.8	3.0	2.1	0.9	0.3	0.1	*	*	-	-	-	-	-	9.6	3539
11 - 15	-	0.5	4.4	6.4	4.1	1.8	0.8	0.2	0.1	*	*	-	-	-	-	18.2	6735
16 - 20	-	0.1	3.9	7.1	6.2	3.4	1.4	0.5	0.2	0.1	*	*	-	-	-	23.0	8515
21 - 24	-	*	1.1	3.8	5.1	3.2	1.5	0.8	0.3	0.1	*	*	*	-	-	15.9	5898
25 - 33	-	-	0.1	1.6	3.5	3.7	2.6	1.7	0.8	0.4	0.1	*	*	*	-	14.7	5420
34 - 47	-	-	-	*	0.1	0.4	0.4	0.3	0.2	0.1	0.1	0.1	*	*	*	1.7	641
> 48	-	*	1.0	3.1	3.3	2.1	1.0	0.4	0.1	*	*	*	*	-	-	11.1	4105
TOTAL %	0.0	1.4	15.2	26.6	25.7	16.1	8.1	4.0	1.7	0.8	0.3	0.1	0.1	0.0	0.0	100.0	
TOTAL N	0	527	5625	9837	9489	5948	2987	1484	631	279	107	39	19	6	1		36979

STATION: 46006

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	0.3	85
1 - 3	-	0.7	0.8	0.4	0.2	*	-	-	-	-	-	-	-	-	-	2.1	678
4 - 6	-	1.3	2.1	1.1	0.4	0.1	*	-	-	-	-	-	-	-	-	5.1	1609
7 - 10	-	2.6	5.5	2.8	1.1	0.2	*	-	-	-	-	-	-	-	-	12.3	3896
11 - 15	-	3.0	10.5	5.8	2.1	0.6	0.1	*	*	-	-	-	-	-	-	22.2	7009



21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	0.1	0.1	0.1	*	-	-	-	-	-	-	-	-	0.3	37
TOTAL %	0.0	1.4	13.7	27.0	25.5	16.8	8.6	4.1	1.6	0.8	0.3	0.1	0.0	0.0	0.0	100.0	
TOTAL N	0	170	1717	3384	3192	2107	1078	513	200	103	42	15	3	0	0		12524
(* < 0.05%)																	

STATION: 46006

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

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
4.5 - 5.4	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	17
5.5 - 6.4	-	0.1	0.5	0.3	*	-	-	-	-	-	-	-	-	-	-	0.9	95
6.5 - 7.4	-	0.2	0.6	1.1	0.2	*	-	-	-	-	-	-	-	-	-	2.0	221
7.5 - 8.4	-	0.2	1.2	2.3	1.3	0.5	*	-	-	-	-	-	-	-	-	5.5	600
8.5 - 9.4	-	0.2	1.4	1.9	1.9	0.7	0.1	*	-	-	-	-	-	-	-	6.2	677
9.5 - 10.4	-	0.2	1.5	3.2	3.0	1.4	0.5	*	-	-	-	-	-	-	-	9.7	1053
10.5 - 11.4	-	0.5	2.5	5.2	4.8	2.3	0.8	0.2	0.1	-	-	-	-	-	-	16.5	1789
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.4	3.8	5.3	6.1	3.2	1.5	0.9	0.2	*	*	*	-	-	-	21.6	2344
13.5 - 14.4	-	0.3	3.1	5.2	5.7	4.2	2.4	1.4	0.6	0.2	0.1	*	-	-	-	23.2	2516
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	0.8	1.9	2.5	2.2	1.1	1.1	0.7	0.5	0.1	0.1	*	*	-	11.2	1220
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.2	0.9	0.9	0.4	0.1	0.1	0.1	*	*	*	*	*	-	2.8	306
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	*	*	-	-	-	-	*	-	*	-	-	0.2	21
TOTAL %	0.0	2.0	15.7	27.3	26.6	15.0	6.6	3.7	1.6	0.9	0.3	0.1	0.1	0.0	0.0	100.0	
TOTAL N	0	217	1705	2966	2893	1624	722	407	178	93	31	12	8	4	0		10860
(* < 0.05%)																	

STATION: 46006

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
4.5 - 5.4	-	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.2	17
5.5 - 6.4	-	-	1.1	0.4	-	-	-	-	-	-	-	-	-	-	-	1.4	142
6.5 - 7.4	-	-	1.8	1.6	0.2	-	-	-	-	-	-	-	-	-	-	3.5	352
7.5 - 8.4	-	0.1	2.7	3.9	1.6	0.2	-	-	-	-	-	-	-	-	-	8.4	835
8.5 - 9.4	-	*	1.4	2.8	2.2	0.5	0.1	*	-	-	-	-	-	-	-	7.0	692
9.5 - 10.4	-	*	2.2	2.8	3.5	1.4	0.4	*	-	-	-	-	-	-	-	10.4	1033
10.5 - 11.4	-	*	2.6	5.4	5.0	2.5	0.9	0.3	*	-	-	-	-	-	-	16.7	1663
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	*	3.0	5.4	5.6	3.7	1.7	0.6	0.1	0.1	-	-	-	-	-	20.3	2017
13.5 - 14.4	-	-	1.8	5.9	5.7	3.9	1.7	0.9	0.3	0.1	*	-	-	-	-	20.5	2034
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	0.7	2.6	2.3	1.5	0.7	0.4	0.2	0.1	0.1	0.1	-	-	-	8.7	865
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.2	0.9	0.7	0.4	0.2	0.2	*	*	-	-	-	-	-	2.6	262
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	*	*	-	-	-	-	-	-	-	-	0.2	15
TOTAL %	0.0	0.2	17.7	31.8	26.9	14.2	5.7	2.5	0.7	0.2	0.1	0.1	0.0	0.0	0.0	100.0	



TOTAL N 0 15 1756 3155 2670 1407 567 246 73 24 9 7 0 0 0 9929  
 (\* < 0.05%)

STATION: 46006

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	13
4.5 - 5.4	-	0.2	0.5	*	-	-	-	-	-	-	-	-	-	-	-	0.7	72
5.5 - 6.4	-	0.5	2.0	0.4	-	-	-	-	-	-	-	-	-	-	-	2.9	277
6.5 - 7.4	-	0.5	2.8	1.4	0.2	-	-	-	-	-	-	-	-	-	-	4.9	479
7.5 - 8.4	-	0.6	5.4	4.1	1.3	0.1	-	-	-	-	-	-	-	-	-	11.6	1121
8.5 - 9.4	-	0.5	4.7	4.2	1.7	0.4	*	-	-	-	-	-	-	-	-	11.5	1116
9.5 - 10.4	-	0.8	6.3	5.1	1.9	0.6	0.1	*	-	-	-	-	-	-	-	14.7	1425
10.5 - 11.4	-	0.4	6.2	6.5	3.0	1.1	0.4	*	-	-	-	-	-	-	-	17.7	1710
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.2	4.2	7.3	3.7	2.1	0.9	0.3	0.1	-	-	-	-	-	-	18.8	1815
13.5 - 14.4	-	0.4	1.7	3.2	2.8	1.4	1.2	0.5	0.2	0.1	*	-	-	-	-	11.5	1111
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.4	0.8	1.1	0.7	0.5	0.5	0.2	0.1	0.2	-	-	-	-	-	4.3	417
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.3	0.4	0.1	0.2	0.2	*	-	*	-	-	-	-	-	1.2	117
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	5
TOTAL %	0.0	4.6	34.9	33.8	15.4	6.3	3.2	1.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	442	3378	3273	1491	613	314	107	35	24	1	0	0	0	0		9678

STATION: 46006

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	25
4.5 - 5.4	-	0.8	1.2	-	-	-	-	-	-	-	-	-	-	-	-	2.0	201
5.5 - 6.4	-	1.3	3.1	0.3	-	-	-	-	-	-	-	-	-	-	-	4.7	474
6.5 - 7.4	-	2.4	3.7	1.3	*	-	-	-	-	-	-	-	-	-	-	7.4	748
7.5 - 8.4	-	3.3	7.9	3.6	0.2	-	-	-	-	-	-	-	-	-	-	15.0	1515
8.5 - 9.4	-	2.5	7.0	2.9	0.7	*	*	-	-	-	-	-	-	-	-	13.1	1323
9.5 - 10.4	-	3.0	8.0	3.4	1.0	0.3	*	-	-	-	-	-	-	-	-	15.7	1588
10.5 - 11.4	-	2.1	6.3	4.4	1.5	0.4	0.1	*	-	-	-	-	-	-	-	14.9	1505
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.6	4.5	3.7	1.9	0.6	0.2	*	-	-	-	-	-	-	-	12.4	1250
13.5 - 14.4	-	2.5	3.1	1.4	0.8	0.4	0.3	0.1	*	-	-	-	-	-	-	8.6	871
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.2	2.3	0.5	0.1	0.1	0.1	-	-	-	-	-	-	-	-	5.3	533
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.3	*	0.1	0.1	-	-	-	-	-	-	-	-	-	0.6	57
TOTAL %	0.0	22.0	47.3	21.5	6.4	2.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2220	4776	2168	649	199	68	9	1	0	0	0	0	0	0		10090

STATION: 46006

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

Month: JUN

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





TOTAL %	0.0	7.7	41.0	28.9	13.4	6.0	2.1	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.1	100.0	
TOTAL N	0	1061	5623	3958	1832	819	287	51	32	16	9	3	6	0	7		13704

(\* < 0.05%)

STATION: 46006

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
4.5 - 5.4	-	*	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.3	42
5.5 - 6.4	-	*	1.0	0.4	*	-	-	-	-	-	-	-	-	-	-	1.4	185
6.5 - 7.4	-	0.2	0.8	1.5	0.2	-	-	-	-	-	-	-	-	-	-	2.7	362
7.5 - 8.4	-	0.5	2.3	3.3	1.9	0.2	*	-	-	-	-	-	-	-	-	8.4	1105
8.5 - 9.4	-	0.2	2.1	2.6	1.8	0.8	0.1	-	-	-	-	-	-	-	-	7.6	998
9.5 - 10.4	-	0.4	2.8	4.2	2.8	1.5	0.2	0.1	-	-	-	-	-	-	-	11.9	1574
10.5 - 11.4	-	0.3	3.8	6.6	4.3	2.7	0.9	0.3	0.1	*	-	-	-	-	-	18.8	2481
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.2	3.4	7.6	5.6	3.2	1.3	0.6	0.3	0.1	*	-	-	-	-	22.3	2936
13.5 - 14.4	-	0.4	2.3	3.8	4.2	3.5	1.9	1.1	0.5	0.2	*	*	*	-	-	17.8	2344
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.2	0.8	1.3	1.4	1.2	0.9	0.6	0.5	0.2	0.1	*	*	*	-	7.2	952
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.2	0.4	0.3	0.3	0.2	*	*	0.1	*	*	*	*	-	1.5	193
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	4
TOTAL %	0.0	2.4	19.8	31.7	22.5	13.3	5.4	2.6	1.3	0.6	0.1	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	317	2612	4178	2970	1755	717	345	175	81	15	6	6	3	0		13180

(\* < 0.05%)

STATION: 46006

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	13
5.5 - 6.4	-	*	0.7	0.3	*	-	-	-	-	-	-	-	-	-	-	1.0	127
6.5 - 7.4	-	*	0.9	1.2	0.2	*	-	-	-	-	-	-	-	-	-	2.4	296
7.5 - 8.4	-	0.2	1.5	2.4	1.6	0.4	*	*	-	-	-	-	-	-	-	6.2	783
8.5 - 9.4	-	0.1	1.5	1.8	1.5	0.8	0.1	-	-	-	-	-	-	-	-	5.9	735
9.5 - 10.4	-	0.2	1.6	2.5	2.1	1.4	0.5	0.1	*	-	-	-	-	-	-	8.3	1046
10.5 - 11.4	-	0.1	2.5	3.4	3.5	2.5	1.1	0.3	0.1	-	*	-	-	-	-	13.5	1690
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.2	4.0	5.9	6.9	3.9	2.3	0.9	0.4	0.1	*	-	-	-	-	24.6	3094
13.5 - 14.4	-	0.1	2.5	5.3	5.5	4.4	3.2	1.9	0.8	0.3	0.1	*	*	-	-	24.0	3015
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	*	0.7	1.7	2.8	2.5	1.5	1.0	0.6	0.2	0.1	*	*	*	*	11.3	1419
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.1	0.4	0.7	0.6	0.4	0.2	0.2	*	*	*	-	-	-	2.5	319
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	15
TOTAL %	0.0	1.0	16.0	25.0	24.8	16.7	9.0	4.4	2.0	0.7	0.3	0.1	0.1	0.0	0.0	100.0	
TOTAL N	0	128	2008	3139	3114	2091	1133	550	249	83	34	12	8	2	1		12552

(\* < 0.05%)



0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	40
4.5 - 5.4	-	0.4	0.6	*	-	-	-	-	-	-	-	-	-	-	-	-	1.0	290
5.5 - 6.4	-	0.6	2.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	3.0	893
6.5 - 7.4	-	1.0	2.8	1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	5.3	1579
7.5 - 8.4	-	1.4	5.4	3.8	1.0	0.1	-	-	-	-	-	-	-	-	-	-	11.7	3471
8.5 - 9.4	-	1.0	4.4	3.3	1.5	0.3	*	*	-	-	-	-	-	-	-	-	10.5	3131
9.5 - 10.4	-	1.3	5.5	3.8	2.2	0.8	0.2	*	-	-	-	-	-	-	-	-	13.6	4046
10.5 - 11.4	-	0.8	5.0	5.4	3.2	1.4	0.5	0.1	*	-	-	-	-	-	-	-	16.4	4878
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.6	3.9	5.5	3.7	2.1	0.9	0.3	0.1	*	-	-	-	-	-	-	17.1	5082
13.5 - 14.4	-	1.0	2.2	3.5	3.1	1.9	1.1	0.5	0.2	*	*	-	-	-	-	-	13.5	4016
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.9	1.3	1.4	1.0	0.7	0.4	0.2	0.1	0.1	*	*	-	-	-	-	6.1	1815
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.2	0.5	0.3	0.2	0.1	0.1	*	*	-	-	-	-	-	-	1.5	436
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	20
TOTAL %	0.0	9.0	33.4	28.9	16.2	7.5	3.2	1.2	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2677	9910	8596	4810	2219	949	362	109	48	10	7	0	0	0	0	29697	

(\* < 0.05%)

STATION: 46006

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	-	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	135
4.5 - 5.4	*	1.9	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	884
5.5 - 6.4	*	3.9	3.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	7.4	2403
6.5 - 7.4	*	5.6	5.7	0.4	*	-	-	-	-	-	-	-	-	-	-	-	11.8	3838
7.5 - 8.4	-	8.3	12.2	1.7	*	-	-	-	-	-	-	-	-	-	-	-	22.3	7280
8.5 - 9.4	*	3.9	6.5	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	12.2	3968
9.5 - 10.4	*	2.6	5.4	1.5	0.3	*	-	-	-	-	-	-	-	-	-	-	9.8	3213
10.5 - 11.4	-	2.0	4.1	1.4	0.3	*	*	-	-	-	-	-	-	-	-	-	7.8	2547
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	3.4	2.3	0.8	0.3	0.2	0.1	*	-	-	-	-	-	-	-	-	7.1	2304
13.5 - 14.4	-	8.5	1.9	0.2	0.2	0.1	*	*	-	-	-	-	-	-	-	-	10.9	3564
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	4.4	2.5	*	-	-	*	*	*	-	-	-	-	-	-	-	6.9	2254
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.4	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.8	266
TOTAL %	0.1	45.1	45.3	7.7	1.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	22	14741	14778	2520	438	100	48	7	4	0	0	0	0	0	0	0	32658	

(\* < 0.05%)

STATION: 46006

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

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	35
4.5 - 5.4	-	0.2	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.6	240
5.5 - 6.4	-	0.5	1.5	0.3	*	-	-	-	-	-	-	-	-	-	-	-	2.2	882
6.5 - 7.4	-	1.3	2.6	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	5.2	2035
7.5 - 8.4	-	2.1	6.2	2.7	1.0	0.2	*	-	-	-	-	-	-	-	-	-	12.1	4772
8.5 - 9.4	-	1.2	4.6	2.2	0.9	0.4	*	-	-	-	-	-	-	-	-	-	9.4	3683
9.5 - 10.4	-	1.4	5.5	3.4	1.6	0.7	0.1	*	-	-	-	-	-	-	-	-	12.8	5037
10.5 - 11.4	-	1.4	6.2	5.1	2.6	1.4	0.4	0.1	*	*	-	-	-	-	-	-	17.2	6764
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.2	4.8	6.0	3.4	1.9	0.7	0.2	0.1	*	*	*	-	-	-	-	18.4	7229

13.5 - 14.4	-	2.0	3.2	3.2	2.7	1.8	1.0	0.4	0.2	0.1	*	*	*	-	-	14.6	5742
14.5 - 15.4	-	-	-	-	*	*	*	*	*	*	*	-	-	-	-	0.0	9
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
16.5 - 17.4	-	1.0	1.6	1.0	0.9	0.5	0.4	0.2	0.2	0.1	*	*	*	*	*	6.0	2353
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
19.5 - 20.4	-	0.2	0.3	0.3	0.2	0.1	0.1	*	*	*	*	*	*	*	1.2	487	
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	18	

TOTAL %	0.0	12.5	36.8	25.4	13.5	7.1	2.7	1.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	4917	14456	9993	5317	2774	1053	410	214	97	24	9	12	3	7		39286

(\* < 0.05%)

STATION: 46006

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

Month: JAN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	0.3	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	1.4	182
5.5 - 6.4	-	0.4	4.2	4.8	0.4	-	-	-	-	-	-	-	-	-	-	9.7	1254
6.5 - 7.4	-	0.3	4.1	9.9	7.1	1.4	*	-	-	-	-	-	-	-	-	22.8	2938
7.5 - 8.4	-	0.3	2.9	7.0	9.7	6.3	2.1	0.2	*	-	-	-	-	-	-	28.6	3678
8.5 - 9.4	-	0.1	1.0	3.7	5.8	5.6	3.2	1.5	0.3	*	-	-	-	-	-	21.3	2742
9.5 - 10.4	-	-	0.2	1.5	1.8	2.2	2.2	1.6	0.5	0.3	*	*	-	-	-	10.4	1337
10.5 - 11.4	-	-	*	0.3	0.7	0.8	0.6	0.7	0.5	0.2	0.1	*	-	-	-	4.0	514
11.5 - 12.4	-	-	-	*	0.1	0.3	0.2	0.1	0.2	0.2	0.1	0.1	*	-	-	1.4	181
12.5 - 13.4	-	-	-	-	*	*	0.1	*	*	0.1	*	-	*	-	-	0.2	32
13.5 - 14.4	-	-	-	-	*	*	*	*	-	-	-	-	-	-	-	0.1	10
14.5 - 15.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	3
15.5 - 16.4	-	-	-	-	-	*	*	*	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	1.4	13.6	27.4	25.8	16.7	8.4	4.0	1.6	0.8	0.3	0.1	0.0	0.0	0.0	100.0	
TOTAL N	0	174	1746	3523	3317	2150	1086	514	201	103	42	15	3	0	0		12874

(\* < 0.05%)

STATION: 46006

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

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	0.1	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	0.8	94
5.5 - 6.4	-	0.5	4.2	4.0	0.5	-	-	-	-	-	-	-	-	-	-	9.3	1047
6.5 - 7.4	-	0.5	4.8	9.8	7.5	1.6	*	-	-	-	-	-	-	-	-	24.2	2735
7.5 - 8.4	-	0.5	3.3	7.9	9.9	5.7	1.6	0.1	-	-	-	-	-	-	-	29.0	3275
8.5 - 9.4	-	0.2	1.6	3.7	5.4	4.6	2.8	1.3	0.4	*	-	-	-	-	-	20.0	2258
9.5 - 10.4	-	0.1	0.6	1.4	2.1	2.1	1.6	1.7	0.6	0.3	*	-	-	-	-	10.5	1190
10.5 - 11.4	-	-	0.5	0.4	0.9	0.5	0.4	0.5	0.5	0.4	0.1	*	-	-	-	4.3	489
11.5 - 12.4	-	-	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	*	*	-	1.4	163
12.5 - 13.4	-	-	-	0.1	0.1	0.1	*	-	*	*	*	*	-	*	-	0.3	35
13.5 - 14.4	-	-	-	*	-	*	*	-	-	-	*	*	*	*	-	0.1	14
TOTAL %	0.0	1.9	15.8	27.5	26.5	14.9	6.7	3.7	1.6	0.8	0.3	0.1	0.1	0.0	0.0	100.0	
TOTAL N	0	217	1790	3110	2997	1686	753	418	181	93	31	12	8	4	0		11300

(\* < 0.05%)

STATION: 46006

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

Month: MAR

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

0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
4.5 - 5.4	-	*	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.7	175
5.5 - 6.4	-	0.1	6.7	5.3	0.5	-	-	-	-	-	-	-	-	-	-	-	12.7	1319
6.5 - 7.4	-	0.1	4.9	10.9	7.2	1.1	*	-	-	-	-	-	-	-	-	-	24.2	2522
7.5 - 8.4	-	*	3.7	9.8	10.4	5.8	1.5	0.1	-	-	-	-	-	-	-	-	31.2	3252
8.5 - 9.4	-	-	1.0	4.0	5.4	4.7	2.7	1.3	0.2	*	-	-	-	-	-	-	19.5	2030
9.5 - 10.4	-	*	0.3	1.3	1.8	1.3	0.8	0.6	0.4	0.1	*	-	-	-	-	-	6.6	687
10.5 - 11.4	-	-	0.1	0.8	0.5	0.5	0.3	0.2	0.1	*	*	0.1	-	-	-	-	2.6	269
11.5 - 12.4	-	-	*	0.3	0.3	0.1	0.1	0.1	*	*	-	-	-	-	-	-	1.0	108
12.5 - 13.4	-	-	-	0.1	0.2	0.1	*	0.1	*	-	-	-	-	-	-	-	0.5	54
13.5 - 14.4	-	-	-	-	*	-	*	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.0	0.3	18.1	32.6	26.5	13.6	5.5	2.4	0.7	0.2	0.1	0.1	0.0	0.0	0.0	100.0		
TOTAL N	0	27	1887	3396	2763	1422	568	246	73	24	9	7	0	0	0			10422

(\* < 0.05%)

STATION: 46006

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0	
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	7	
4.5 - 5.4	-	1.4	2.5	0.2	-	-	-	-	-	-	-	-	-	-	-	4.1	419	
5.5 - 6.4	-	1.9	14.4	6.7	0.5	-	-	-	-	-	-	-	-	-	-	23.4	2415	
6.5 - 7.4	-	1.0	11.9	15.0	5.9	0.8	-	-	-	-	-	-	-	-	-	34.7	3573	
7.5 - 8.4	-	0.6	5.7	7.4	5.1	3.0	1.0	*	-	-	-	-	-	-	-	22.8	2354	
8.5 - 9.4	-	0.1	1.1	3.4	2.1	1.0	1.3	0.6	0.1	-	-	-	-	-	-	9.8	1008	
9.5 - 10.4	-	*	0.1	0.7	1.3	0.8	0.5	0.2	0.1	0.1	*	-	-	-	-	3.8	393	
10.5 - 11.4	-	-	*	0.2	0.1	0.3	0.2	*	0.1	0.1	-	-	-	-	-	1.0	108	
11.5 - 12.4	-	-	-	*	-	0.1	0.1	0.1	*	-	-	-	-	-	-	0.3	31	
12.5 - 13.4	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1	
13.5 - 14.4	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-	0.0	1	
TOTAL %	0.0	5.1	35.8	33.5	15.0	6.0	3.0	1.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	0	523	3688	3453	1546	619	314	107	35	24	1	0	0	0	0			10310

(\* < 0.05%)

STATION: 46006

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0	
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
3.5 - 4.4	-	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.4	48	
4.5 - 5.4	-	4.3	5.4	0.2	-	-	-	-	-	-	-	-	-	-	-	10.0	1080	
5.5 - 6.4	-	8.8	19.3	6.6	0.2	-	-	-	-	-	-	-	-	-	-	35.0	3793	
6.5 - 7.4	-	5.7	13.1	7.6	2.6	0.2	*	-	-	-	-	-	-	-	-	29.3	3170	
7.5 - 8.4	-	3.1	6.6	4.0	2.2	0.8	0.1	*	-	-	-	-	-	-	-	16.9	1827	
8.5 - 9.4	-	0.4	2.0	2.0	0.6	0.5	0.3	0.1	-	-	-	-	-	-	-	5.8	628	
9.5 - 10.4	-	0.1	0.6	0.4	0.3	0.3	0.2	*	*	-	-	-	-	-	-	2.0	219	
10.5 - 11.4	-	*	0.2	0.1	0.1	-	*	-	-	-	-	-	-	-	-	0.4	46	
11.5 - 12.4	-	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.2	19	
12.5 - 13.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2	
13.5 - 14.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1	
TOTAL %	0.0	22.9	47.2	21.0	6.1	1.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	0	2483	5117	2278	666	207	72	9	1	0	0	0	0	0	0			10833

(\* < 0.05%)

STATION: 46006

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

Month: JUN

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



0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	*	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	47
4.5 - 5.4	0.2	10.4	8.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	19.0	2087
5.5 - 6.4	-	11.5	22.8	3.9	0.1	-	-	-	-	-	-	-	-	-	-	-	38.3	4204
6.5 - 7.4	-	7.7	12.8	4.7	0.9	*	-	-	-	-	-	-	-	-	-	-	26.2	2875
7.5 - 8.4	-	2.3	5.1	2.1	1.1	0.5	0.2	-	-	-	-	-	-	-	-	-	11.3	1240
8.5 - 9.4	-	0.3	1.4	0.8	0.5	0.2	0.2	*	-	-	-	-	-	-	-	-	3.5	382
9.5 - 10.4	-	*	0.4	0.4	0.1	*	*	*	*	-	-	-	-	-	-	-	1.0	107
10.5 - 11.4	-	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.3	32
11.5 - 12.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.2	32.6	50.9	12.2	2.8	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	19	3583	5582	1339	310	86	47	7	4	0	0	0	0	0	0	0		10977

(\* < 0.05%)

STATION: 46006

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.6	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	66
4.5 - 5.4	*	17.1	9.8	*	-	-	-	-	-	-	-	-	-	-	-	-	27.0	3014
5.5 - 6.4	-	18.6	20.5	1.7	-	-	-	-	-	-	-	-	-	-	-	-	40.8	4557
6.5 - 7.4	-	12.5	7.5	1.8	0.2	-	-	-	-	-	-	-	-	-	-	-	21.9	2443
7.5 - 8.4	-	3.3	3.3	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	7.4	827
8.5 - 9.4	-	0.8	1.2	0.2	*	-	-	-	-	-	-	-	-	-	-	-	2.2	242
9.5 - 10.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
10.5 - 11.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	52.7	42.5	4.5	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	3	5887	4746	497	31	0	0	0	0	0	0	0	0	0	0	0		11164

(\* < 0.05%)

STATION: 46006

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	52
4.5 - 5.4	-	13.3	7.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	20.5	2631
5.5 - 6.4	-	22.5	20.1	2.6	*	-	-	-	-	-	-	-	-	-	-	-	45.2	5817
6.5 - 7.4	-	11.6	8.5	2.1	0.4	-	-	-	-	-	-	-	-	-	-	-	22.8	2927
7.5 - 8.4	-	4.4	3.3	0.5	0.3	*	-	-	-	-	-	-	-	-	-	-	8.4	1080
8.5 - 9.4	-	0.9	1.1	0.2	0.1	0.1	-	-	-	-	-	-	-	-	-	-	2.3	302
9.5 - 10.4	-	0.1	0.2	0.1	-	*	*	-	-	-	-	-	-	-	-	-	0.4	50
10.5 - 11.4	-	*	*	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	53.1	40.4	5.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	6824	5191	731	101	14	1	0	0	0	0	0	0	0	0	0		12862

(\* < 0.05%)

STATION: 46006

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	18
4.5 - 5.4	-	5.0	4.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	9.7	1314
5.5 - 6.4	-	10.5	21.0	3.2	0.1	-	-	-	-	-	-	-	-	-	-	-	34.8	4728
6.5 - 7.4	-	8.9	15.0	5.5	1.2	0.1	*	-	-	-	-	-	-	-	-	-	30.7	4167
7.5 - 8.4	-	3.2	5.9	3.5	1.3	0.5	0.1	-	-	-	-	-	-	-	-	-	14.5	1972





1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	56
4.5 - 5.4	-	2.0	3.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	5.3	1674
5.5 - 6.4	-	3.7	13.5	6.2	0.4	-	-	-	-	-	-	-	-	-	-	-	23.8	7527
6.5 - 7.4	-	2.3	10.0	11.1	5.2	0.7	*	-	-	-	-	-	-	-	-	-	29.4	9265
7.5 - 8.4	-	1.3	5.3	7.0	5.9	3.2	0.9	*	-	-	-	-	-	-	-	-	23.5	7433
8.5 - 9.4	-	0.2	1.4	3.1	2.7	2.1	1.4	0.7	0.1	*	-	-	-	-	-	-	11.6	3666
9.5 - 10.4	-	0.1	0.3	0.8	1.1	0.8	0.5	0.3	0.2	0.1	*	-	-	-	-	-	4.1	1299
10.5 - 11.4	-	*	0.1	0.4	0.3	0.3	0.2	0.1	0.1	0.1	*	*	-	-	-	-	1.3	423
11.5 - 12.4	-	-	*	0.1	0.1	0.1	0.1	0.1	*	-	*	-	-	-	-	-	0.5	158
12.5 - 13.4	-	-	*	*	0.1	*	*	*	*	-	-	-	-	-	-	-	0.2	57
13.5 - 14.4	-	-	-	*	*	-	*	-	*	-	-	-	-	-	-	-	0.0	7
TOTAL %	0.0	9.6	33.9	28.9	15.8	7.1	3.0	1.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	3033	10692	9127	4975	2248	954	362	109	48	10	7	0	0	0	0		31565

(\* < 0.05%)

STATION: 46006

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	*	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	165
4.5 - 5.4	0.1	13.6	8.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	22.1	7732
5.5 - 6.4	-	17.8	21.1	2.7	0.1	-	-	-	-	-	-	-	-	-	-	-	41.6	14578
6.5 - 7.4	-	10.7	9.6	2.8	0.5	*	-	-	-	-	-	-	-	-	-	-	23.6	8245
7.5 - 8.4	-	3.3	3.9	1.1	0.5	0.2	0.1	-	-	-	-	-	-	-	-	-	9.0	3147
8.5 - 9.4	-	0.7	1.2	0.4	0.2	0.1	0.1	*	-	-	-	-	-	-	-	-	2.6	926
9.5 - 10.4	-	*	0.2	0.2	*	*	*	*	*	-	-	-	-	-	-	-	0.5	171
10.5 - 11.4	-	*	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	36
11.5 - 12.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.1	46.6	44.3	7.3	1.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	22	16294	15519	2567	442	100	48	7	4	0	0	0	0	0	0	0		35003

(\* < 0.05%)

STATION: 46006

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

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	18
4.5 - 5.4	-	2.2	2.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.9	2017
5.5 - 6.4	-	4.8	13.4	4.9	0.3	-	-	-	-	-	-	-	-	-	-	-	23.4	9688
6.5 - 7.4	-	4.0	12.0	8.9	3.7	0.6	*	-	-	-	-	-	-	-	-	-	29.2	12070
7.5 - 8.4	-	1.5	6.2	6.8	4.8	3.0	0.5	*	*	-	-	-	-	-	-	-	22.8	9442
8.5 - 9.4	-	0.2	2.2	2.9	2.8	2.1	1.2	0.4	0.1	*	-	-	-	-	-	-	11.8	4895
9.5 - 10.4	-	*	0.7	1.1	1.0	0.8	0.6	0.4	0.2	0.1	*	*	-	-	-	-	5.0	2076
10.5 - 11.4	-	*	0.2	0.5	0.4	0.3	0.1	0.1	0.1	0.1	*	*	*	-	-	-	1.8	739
11.5 - 12.4	-	-	*	0.2	0.1	0.1	*	*	*	*	*	*	*	*	*	*	0.7	272
12.5 - 13.4	-	-	*	*	0.1	*	*	*	*	*	*	*	*	*	*	*	0.2	87
13.5 - 14.4	-	-	-	*	*	*	*	-	-	-	-	-	-	-	-	-	0.0	16
14.5 - 15.4	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.0	7
15.5 - 16.4	-	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	12.9	37.2	25.3	13.2	6.9	2.6	1.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	5314	15379	10470	5454	2847	1073	422	219	97	24	9	12	3	7			41330

(\* < 0.05%)

Summary complete: 09-Sep-2003 06:56:44