

STATION: 46022

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (1/1982 - 12/2001) (147309 RECORDS, 99.2% 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	
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	1	#
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	1	999
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	2	#	-	-	-	-	-	-	5	999
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	#	88	999	2	999	-	-	-	-	-	106	999
18	-	-	-	-	-	-	-	-	-	1	#	-	-	80	999	166	993	8	999	2	#	1	#	1	#	258	999
17	1	#	3	#	-	-	-	-	7	#	7	999	36	#	272	993	392	979	66	999	13	999	15	999	812	997	
16	12	999	9	999	6	#	5	#	44	999	42	999	420	997	641	972	698	948	214	994	107	999	30	999	2228	992	
15	72	999	67	999	32	999	47	999	192	996	468	996	1265	966	1706	922	1243	892	763	978	573	991	176	996	6604	977	
14	444	993	365	993	222	997	202	996	493	980	1481	956	2248	870	3118	790	2246	793	1908	921	1290	946	650	982	14667	932	
13	1264	955	1079	959	859	978	802	978	1799	938	3077	831	3549	701	3904	548	3190	614	3438	777	2040	847	1076	928	26077	832	
12	1809	849	1581	861	2067	907	1725	910	2984	788	3308	570	3436	434	2230	246	2284	360	3399	519	2781	689	1861	838	29465	655	
11	2676	696	2110	717	2828	734	3267	763	3440	538	2454	290	1918	175	886	74	1503	178	2313	264	3061	475	2769	684	29225	455	
10	2529	470	2180	524	2756	498	3421	484	2377	251	834	82	375	31	65	5	539	58	883	90	1580	238	2409	454	19948	257	
9	1691	256	1715	325	1875	268	1628	192	559	52	133	12	34	3	-	-	149	15	211	24	863	116	1546	254	10404	122	
8	814	113	1060	169	838	111	424	53	53	5	5	*	-	-	-	-	37	3	98	8	428	50	848	126	4605	51	
7	317	45	387	72	362	41	147	16	6	1	-	-	-	-	-	-	-	-	11	1	192	17	436	55	1858	20	
6	186	18	187	37	100	11	41	4	-	-	-	-	-	-	-	-	-	-	-	-	21	2	121	19	656	7	
5	24	2	93	20	31	3	3	*	-	-	-	-	-	-	-	-	-	-	-	-	2	*	48	9	201	3	
4	1	*	67	11	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	5	109	1	
3	-	-	38	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	2	55	1	
2	-	-	19	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	22	*	
1	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	
MEAN	10.6		10.3		10.4		10.6		11.4		12.2		12.8		13.4		13.1		12.4		11.6		10.6		11.6		
S.D.	1.8		2.0		1.6		1.4		1.3		1.3		1.4		1.4		1.8		1.5		1.8		1.9		2.0		
TOTAL	11840		10962		11978		11712		11954		11810		13281		12918		12540		13316		12953		12045		147309		
MAX	16.7		16.7		16.3		15.7		16.9		18.3		17.2		19.0		22.6		19.9		17.6		18.1		22.6		
DATE	1998012905		1993020421		1984030520		1992042920		1997053103		1993061422		1992072023		1997083101		1999090522		1993102722		1983111015		1999122206		1999090522		
MIN	4.4		1.0		4.3		5.2		7.1		7.8		9.0		9.9		7.6		7.2		4.9		2.3		1.0		
DATE	1993011016		1989020417		1985032515		1999040915		1991050109		1991060715		2001070816		1988080215		1991092312		1990102414		1985111009		1983122317		1989020417		

(* < 0.05% , # = 100.0%)

STATION: 46022

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (1/1982 - 12/2001) (146966 RECORDS, 99.0% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	2	#
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	999	-	-	-	-	-	-	-	2	999
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	999	36	999	-	-	-	-	-	-	-	45	999
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	999	43	997	-	-	-	-	-	-	-	97	999
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	995	113	993	-	-	-	-	-	-	-	181	999
17	-	-	-	-	-	-	-	-	1	#	3	#	12	#	265	990	261	984	-	-	-	-	-	-	-	542	998
16	-	-	-	-	-	-	-	-	12	999	34	999	110	999	498	969	536	963	273	#	-	-	-	-	-	1463	994
15	1	#	1	#	-	-	5	#	96	999	500	997	772	991	1266	931	1060	920	645	979	1143	#	145	#	5634	984	
14	453	999	289	999	15	#	140	999	746	991	763	955	1461	933	2148	833	1341	834	1252	930	1236	912	1023	988	10867	946	
13	1197	962	972	974	1171	999	874	988	1740	928	2488	890	2626	823	3577	666	3191	726	2999	836	2255	816	1682	903	24772	872	
12	2250	861	3060	885	3274	901	3149	913	3057	783	2944	679	3652	625	3190	389	3121	468	4199	608	3273	642	2946	763	38115	703	
11	5728	670	2711	605	3531	627	3968	644	2703	527	3054	430	3585	350	1642	142	2234	215	3039	290	3543	389	4217	519	39955	444	
10	1453	187	3130	357	3044	333	2930	305	2253	301	1503	171	976	80	196	15	428	35	794	60	1371	116	1683	168	19761	172	
9	738	64	734	71	887	78	628	55	1239	112	475	44	80	6	-	-	-	-	-	-	129	10	342	28	5252	38	
8	16	2	47	4	51	4	16	1	102	9	43	4	-	-	-	-	-	-	-	-	-	-	-	-	275	2	
7	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
MEAN	11.2		11.1		11.0		11.0		11.3		11.8		12.1		13.0		12.8		12.2		12.1		11.6		11.8		
S.D.	1.1		1.2		1.1		1.0		1.4		1.4		1.3		1.5		1.7		1.3		1.4		1.3		1.5		
TOTAL	11839		10944		11973		11710		11949		11807		13274		12914		12367		13201		12950		12038		146966		
MAX	14.9		14.5		13.7		14.9		16.5		17.2		17.2		20.9		23.0		16.4		15.4		14.8		23.0		
DATE	1996012323		1996020901		1995033001		1992042402		1997053003		1993061423		1995071001		1997083022		1999090522		1983102700		1983111401		1997120105		1999090522		
MIN	6.7		7.8		7.9		8.0		7.9		7.9		8.8		9.5		9.5		9.5		8.9		8.6		6.7		
DATE	1997010716		1989020520		1985030811		1999043013		1991052714		1991060513		1993071016		2000080714		2001092317		2001103019		1985111217		1998122520		1997010716		

(* < 0.05% , # = 100.0%)

STATION: 46022

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (1/1982 - 12/2001) (146894 RECORDS, 98.9% 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	
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	#	2	#	
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	#	4	999	-	-	-	-	-	-	9	999
5	-	-	7	#	2	#	1	#	-	-	-	-	-	1	#	10	999	7	999	5	#	3	999	3	999	36	999
4	12	#	11	999	6	999	3	999	3	#	6	#	2	#	11	999	27	999	43	999	25	999	7	999	156	999	
3	129	999	75	998	96	999	37	999	24	999	48	999	75	999	84	999	135	997	221	996	105	998	46	999	1075	999	
2	536	988	524	992	388	991	201	996	413	998	933	995	1291	994	1209	993	1098	986	1270	979	505	990	372	995	8740	991	
1	1708	943	1555	944	1316	959	1468	979	3479	963	4932	916	6912	897	5211	899	4368	897	3957	883	2227	951	1443	964	38576	932	
0	3029	798	2713	802	3738	849	4544	854	5285	672	4579	499	4002	376	4211	495	4302	543	4186	583	4000	778	2818	844	47407	669	
-1	3315	542	2703	554	3938	537	3651	466	2289	230	1152	111	917	74	1557	169	1852	195	2267	266	3165	469	3093	610	29899	346	
-2	1835	262	1713	307	1742	208	1326	154	417	38	141	13	65	5	515	48	496	46	922	94	1945	224	2276	353	13393	143	
-3	810	107	916	150	512	62	368	41	37	3	13	1	1	*	96	8	64	6	279	24	716	74	1298	164	5110	52	
-4	350	39	475	66	200	19	80	9	1	*	-	-	-	-	7	1	4	*	36	3	199	19	442	56	1794	17	
-5	91	9	171	23	30	3	26	2	-	-	-	-	-	-	-	-	-	-	2	*	30	3	135	19	485	5	
-6	18	2	58	7	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	9	1	37	8	123	1	
-7	-	-	22	2	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	28	5	54	1	
-8	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	3	24	*	
-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1	8	*	
-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	3	*	
MEAN	-0.7		-0.8		-0.6		-0.5		0.1		0.4		0.6		0.4		0.3		0.2		-0.5		-1.0		-0.2		
S.D.	1.4		1.6		1.2		1.0		0.8		0.8		0.7		1.0		1.0		1.2		1.3		1.5		1.3		
TOTAL	11833		10944		11969		11706		11948		11804		13265		12902		12361		13195		12934		12033		146894		
MAX	4.2		5.3		4.8		4.5		3.6		3.9		3.8		4.7		6.4		7.0		5.4		7.1		7.1		
DATE	1986011306		1993020421		1984030520		1982041102		1985052323		1990062803		1991071519		1991080719		1988091220		1993102722		2001111917		1999122206		1999122206		
MIN	-6.3		-7.7		-6.5		-5.7		-3.8		-3.2		-2.5		-4.0		-4.4		-4.6		-7.2		-9.8		-9.8		
DATE	1997010401		1989020417		1995032308		1983041019		1988052907		2000062620		1985072014		1984082016		1999090401		1984101614		1983112015		1983122317		1983122317		

STATION: 46022

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C) -- POR: (2/1989 - 3/1993) (26977 RECORDS, 18.2% 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	
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	1	#
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	33	999	-	-	-	-	-	-	-	35	999
15	-	-	-	-	-	-	-	-	-	-	-	-	55	#	14	999	141	982	2	#	-	-	-	-	-	212	999
14	-	-	-	-	-	-	5	#	23	#	12	#	213	975	196	993	154	908	21	999	-	-	-	-	-	624	991
13	-	-	-	-	-	-	69	998	136	991	120	994	396	876	459	904	195	827	74	988	3	#	31	#	1483	968	
12	54	#	41	#	14	#	245	969	231	935	341	938	530	694	637	696	270	725	272	947	59	998	15	983	2709	913	
11	84	975	133	986	185	996	271	867	336	841	665	780	600	450	612	408	473	583	616	800	288	959	44	975	4307	812	
10	171	937	264	941	452	941	270	754	326	704	427	470	205	173	139	130	358	335	420	465	338	771	113	950	3483	653	
9	254	860	466	851	609	807	280	641	342	571	261	271	158	79	73	67	135	147	196	237	292	550	228	888	3294	524	
8	364	744	491	693	575	626	389	524	412	431	196	149	13	6	44	34	72	76	129	130	185	359	465	763	3335	401	
7	373	579	363	527	327	455	376	361	340	263	77	58	-	-	28	14	51	38	82	60	172	238	466	507	2655	278	
6	314	410	235	403	304	358	198	204	189	124	35	22	-	-	4	2	21	12	25	16	90	126	208	251	1623	179	
5	221	267	192	324	273	267	120	122	84	47	12	6	-	-	-	1	1	3	2	63	67	116	136	1085	119		
4	127	167	152	259	224	186	90	71	9	13	-	-	-	-	-	-	-	-	1	1	24	26	70	73	697	79	
3	110	109	139	207	162	120	49	34	17	9	-	-	-	-	-	-	-	-	-	-	12	10	33	34	522	53	
2	78	59	123	160	99	72	23	13	1	2	-	-	-	-	-	-	-	-	-	-	3	2	18	16	345	34	
1	37	24	112	118	66	42	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	6	230	21	
0	10	7	76	80	43	23	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	132	12	
-1	5	3	51	54	20	10	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	2	1	80	8	
-2	1	*	37	37	7	4	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	5
-3	-	-	16	24	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	3
-4	-	-	17	19	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	2
-5	-	-	19	13	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	1
-6	-	-	6	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1
-7	-	-	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	1
-8	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*
-9	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*
MEAN	6.8		6.2		7.0		8.4		9.0		10.3		11.7		11.7		11.3		10.3		8.8		7.4		8.9		
S.D.	2.5		3.6		2.8		2.5		2.3		1.6		1.4		1.4		2.1		1.5		1.9		1.9		3.0		
TOTAL	2203		2947		3366		2394		2450		2146		2170		2208		1905		1841		1529		1818		26977		
MAX	12.4		12.3		11.7		14.0		13.9		14.0		15.0		15.5		16.6		14.6		12.7		13.3		16.6		
DATE	1990010803		1992022520		1992032020		1992042905		1992052501		1992063023		1992072118		1992080802		1990091623		1990100122		1991111223		1989120516		1990091623		
MIN	-1.5		-9.0		-4.8		0.0		-1.9		4.5		8.2		6.0		5.0		4.3		2.2		-0.5		-9.0		
DATE	1993011214		1989020621		1993032504		1990042818		1990052906		1991060418		1991070615		1992083011		1992090407		1989102914		1991113012		1992123007		1989020621		

(* < 0.05% , # = 100.0%)

STATION: 46022

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

ELEMENT: AIR - DEW POINT TEMPERATURE (DEGREES C) -- POR: (2/1989 - 3/1993) (26971 RECORDS, 18.2% 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	
16	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
15	-	-	2	#	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999
14	-	-	1	999	3	999	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999
13	-	-	2	999	4	999	-	-	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	999
12	-	-	5	998	13	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	999
11	1	#	9	997	19	993	2	#	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	32	999
10	3	999	31	994	44	988	5	999	1	998	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	85	997
9	6	998	46	983	49	975	15	997	1	998	-	-	-	-	-	-	-	-	-	-	7	999	2	#	126	994	
8	16	995	77	967	44	960	31	991	1	998	-	-	-	-	-	-	3	#	-	-	7	995	6	999	185	990	
7	45	988	105	941	79	947	60	978	18	997	-	-	-	-	-	15	998	3	999	3	999	25	990	17	996	367	983
6	121	968	154	906	113	924	105	953	38	990	-	-	-	-	12	#	15	991	5	998	48	974	63	986	674	969	
5	227	913	234	853	310	890	166	909	143	974	9	#	-	-	31	995	49	983	28	995	113	942	147	952	1457	944	
4	432	810	396	774	536	798	233	840	247	916	41	996	6	#	48	981	36	957	155	980	102	869	290	871	2522	890	
3	494	613	593	640	781	639	485	742	417	815	203	977	23	997	163	959	118	938	277	896	151	802	457	711	4162	797	
2	463	389	615	438	795	407	620	539	765	645	753	882	446	987	443	885	378	876	365	745	272	703	443	460	6358	642	
1	334	179	562	229	401	170	515	280	655	333	829	531	1164	781	1066	684	625	678	503	547	435	525	317	216	7406	407	
0	59	27	114	39	172	51	156	65	160	65	311	145	531	245	444	201	666	350	504	274	368	241	76	42	3561	132	
MEAN		3.1		3.2		3.2		2.7		2.2		1.4		1.0		1.3		1.2		1.6		2.0		2.2		2.2	
S.D.		1.7		2.2		2.2		1.8		1.5		0.9		0.6		1.0		1.3		1.3		1.8		1.5		1.8	
TOTAL		2201		2946		3365		2393		2450		2146		2170		2207		1905		1841		1529		1818		26971	
MAX		10.6		15.3		15.8		11.1		13.5		5.0		4.0		6.0		8.4		9.8		10.9		8.8		15.8	
DATE	1993013014	1989020622	1993032504	1990042406	1990052906	1991060418	1991072701	1992083010	1992090407	1991101117	1989112922	1992123007	1993032504														
MIN		0.1		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
DATE	1990010814	1990022305	1990030304	1989042914	1989053118	1992062518	1992070207	1992081219	1990092416	1990101614	1989112018	1989120601	1992081219														

(* < 0.05% , # = 100.0%)

STATION: 46022

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (1/1982 - 12/2001) (147285 RECORDS, 99.2% 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	
1038	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
1037	6	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	999
1036	8	999	-	-	3	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	13	999	
1035	13	999	-	-	5	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	999	26	999
1034	25	998	-	-	6	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	999	84	999
1033	62	996	23	#	9	999	-	-	4	#	-	-	-	-	-	-	-	-	-	-	-	-	-	114	995	212	999
1032	105	990	26	998	32	998	2	#	6	999	-	-	-	-	-	-	-	-	-	-	32	#	162	985	365	998	
1031	167	981	88	996	44	995	29	999	18	999	-	-	-	-	-	-	-	-	-	-	54	998	213	972	613	995	
1030	291	967	136	987	52	992	109	997	9	998	-	-	-	-	-	-	-	-	-	-	90	993	294	954	981	991	
1029	262	943	208	975	60	987	117	988	16	997	-	-	-	-	-	-	-	-	-	2	#	187	986	324	930	1176	984
1028	346	920	261	956	139	982	195	978	15	996	2	#	1	#	-	-	-	-	32	999	231	972	408	903	1630	976	
1027	507	891	379	932	303	971	302	961	42	994	13	999	15	999	-	-	-	-	53	997	446	954	465	869	2525	965	
1026	549	848	452	898	426	946	335	936	73	991	16	999	3	999	-	-	5	#	106	993	525	920	498	830	2988	948	
1025	547	802	532	856	517	910	455	907	186	985	50	997	49	999	-	-	12	999	169	986	621	879	568	789	3706	928	
1024	565	756	531	808	630	867	621	868	327	969	112	993	55	995	10	#	28	999	356	973	749	831	761	742	4745	903	
1023	637	708	683	759	683	814	696	815	546	942	294	984	195	991	78	999	76	996	564	946	844	773	791	679	6087	871	
1022	595	654	707	697	582	757	784	756	882	896	477	959	448	976	237	993	162	990	787	904	863	708	873	613	7397	829	
1021	643	604	615	633	757	709	906	689	1161	822	883	918	701	942	535	975	371	977	1071	845	953	642	812	540	9408	779	
1020	723	549	543	577	772	645	1011	611	1174	725	1202	844	1236	890	1216	933	500	948	1217	764	952	568	688	473	11234	715	
1019	551	488	636	527	677	581	961	525	1222	627	1294	742	1718	796	1492	839	819	908	1341	673	871	495	654	416	12236	639	
1018	515	441	547	469	750	525	939	443	1157	525	1347	632	1787	667	1804	724	1067	843	1390	572	826	427	562	361	12691	556	
1017	478	398	501	419	714	462	763	363	1019	428	1442	518	1991	532	1790	584	1364	757	1435	468	679	364	528	315	12704	470	
1016	480	357	500	373	630	402	731	298	1099	343	1211	396	1678	383	1484	446	1650	649	1185	360	541	311	431	271	11620	383	
1015	434	317	442	328	608	350	591	235	917	251	1057	293	1373	256	1439	331	1704	517	896	271	526	270	405	235	10392	304	
1014	381	280	372	287	461	299	502	185	727	175	866	204	839	153	914	219	1595	381	728	204	441	229	339	201	8165	234	
1013	379	248	315	253	379	261	345	142	514	114	504	131	568	90	750	148	1103	254	586	149	398	195	314	173	6155	178	
1012	366	216	227	225	375	229	303	113	335	71	293	88	367	47	535	90	840	166	409	105	339	164	255	147	4644	137	
1011	299	185	253	204	343	198	232	87	179	43	233	63	178	19	348	49	428	99	270	74	290	138	234	126	3287	105	
1010	193	159	222	181	321	169	212	67	132	28	223	43	66	6	156	22	295	65	220	54	256	116	189	107	2485	83	
1009	193	143	215	161	325	142	173	49	94	17	129	24	9	1	76	10	207	41	157	38	212	96	186	91	1976	66	
1008	219	127	171	141	227	115	134	34	44	9	71	14	1	*	43	4	77	25	89	26	194	79	126	75	1396	53	
1007	193	108	177	125	195	96	67	23	21	5	43	8	-	-	10	1	73	18	61	19	146	65	100	65	1086	43	
1006	193	92	171	109	160	80	66	17	18	4	18	4	-	-	-	-	72</										

1001	93	37	90	49	62	35	3	2	-	-	-	-	-	-	7	1	9	3	51	17	51	20	366	13	
1000	70	29	80	41	66	30	7	1	-	-	-	-	-	-	1	*	7	2	30	13	30	16	291	11	
999	56	23	56	34	52	24	9	1	-	-	-	-	-	-	-	-	15	2	21	11	34	14	243	9	
998	31	18	38	29	33	20	1	*	-	-	-	-	-	-	-	-	3	1	22	9	15	11	143	7	
997	30	16	57	25	33	17	-	-	-	-	-	-	-	-	-	-	2	*	15	8	18	9	155	6	
996	29	13	30	20	22	15	-	-	-	-	-	-	-	-	-	-	2	*	18	6	35	8	136	5	
995	24	11	45	17	15	13	-	-	-	-	-	-	-	-	-	-	-	-	24	5	15	5	123	4	
994	19	9	31	13	15	11	-	-	-	-	-	-	-	-	-	-	-	-	14	3	16	4	95	3	
993	25	7	32	10	12	10	-	-	-	-	-	-	-	-	-	-	-	-	9	2	9	2	87	3	
992	19	5	13	8	16	9	-	-	-	-	-	-	-	-	-	-	-	-	8	1	1	2	57	2	
991	8	3	10	6	23	8	-	-	-	-	-	-	-	-	-	-	-	-	3	1	2	2	46	2	
990	15	3	13	5	28	6	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	1	60	1	
989	11	1	7	4	22	4	-	-	-	-	-	-	-	-	-	-	-	-	4	*	1	1	45	1	
988	5	*	8	4	13	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	29	1	
987	-	-	11	3	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	17	*	
986	-	-	3	2	4	*	-	-	-	-	-	-	-	-	-	-	-	-	1	*	4	1	12	*	
985	-	-	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	*	
984	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	5	*	
983	-	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	6	*	
982	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	4	*	
981	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	
980	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
979	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	
978	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
977	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	
MEAN	1018.4		1017.5		1017.0		1018.8		1018.0		1017.1		1017.2		1016.6		1015.3		1017.5		1018.5		1019.8		1017.6
S.D.	8.1		8.2		7.3		5.2		3.8		3.4		2.7		2.8		3.2		4.1		6.5		7.3		5.7
TOTAL	11819		10959		11983		11714		11961		11808		13278		12917		12534		13317		12956		12039		147285
MAX	1037.5		1033.3		1036.1		1031.6		1033.1		1027.6		1027.5		1023.9		1026.0		1028.6		1032.3		1035.6		1037.5
DATE	1989011119		1988020920		1988030920		1982041820		1988050119		1995060606		1983071006		1984083118		1997092707		1984101320		1988112908		1997122719		1989011119
MIN	987.5		977.2		985.9		998.3		1003.0		1003.7		1008.4		1006.8		1000.0		995.5		986.3		982.1		977.2
DATE	1992010509		1998020306		1991030114		1982041103		1990052712		1984060611		1984072213		1988083112		1986092415		1992102913		1982113012		1995121215		1998020306

(* < 0.05% , # = 100.0%)

STATION: 46022

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (1/1982 - 12/2001) (145213 RECORDS, 97.8% 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	
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	2	#	
46	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
45	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	3	999	
44	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	1	999	7	999	
43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	2	999	3	999	
42	4	999	1	#	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	4	999	14	999	
41	1	999	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	-	-	9	999	
40	4	999	2	999	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	999	5	999	19	999	
39	3	999	3	999	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	998	9	999	25	999	
38	5	998	4	999	4	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	998	7	998	32	999	
37	8	998	6	999	8	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	997	6	998	35	999	
36	13	997	7	998	9	998	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	12	996	18	997	62	999
35	21	996	10	998	17	998	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	11	995	15	996	75	999
34	22	994	12	997	25	996	3	#	1	#	-	-	-	-	-	-	-	-	-	2	999	14	995	30	994	109	998
33	40	992	27	996	27	994	6	999	-	-	-	-	-	-	-	-	-	-	-	2	999	24	994	47	992	173	997
32	36	989	29	993	22	992	12	999	1	999	-	-	1	#	-	-	-	-	-	2	999	21	992	45	988	169	996
31	50	985	32	990	39	990	17	998	1	999	2	#	1	999	-	-	-	-	-	5	999	30	990	55	984	232	995
30	78	981	40	988	49	987	31	997	7	999	2	999	2	999	1	#	1	#	9	999	48	988	52	979	320	993	
29	67	974	48	984	62	982	51	994	17	999	7	999	6	999	3	999	9	999	14	998	58	984	72	975	414	991	
28	85	968	94	980	77	977	63	989	37	998	10	999	2	999	2	999	2	999	21	997	58	980	101	969	552	988	
27	103	960	109	971	105	970	84	983	39	995	17	998	1	999	2	999	10	999	44	996	91	975	121	960	726	984	
26	147	951	165	961	139	961	121	976	67	991	24	997	9	999	6	999	11	998	55	992	137	968	164	950	1045	979	
25	147	938	172	946	172	949	147	965	84	986	34	995	17	998	4	999	24	997	59	988	150	957	155	936	1165	972	
24	179	924	183	930	163	935	164	951	106	979	48	992	28	997	12	999	39	995	95	984	160	946	195	923	1372	964	
23	211	908	212	913	226	921	170	936	125	970	62	988	47	995	13	998	40	992	104	977	204	934	242	906	1656	955	
22	225	889	286	894	266	901	192	921	181	959	93	983	64	991	38	997	51	989	116	969	197	918	231	886	1940	943	
21	254	869	296	868	271	878	247	903	260	944	148	975	82	987	45	994	70	985	162	960	243	903	235	866	2313	930	
20	310	846	350	841	282	855	273	881	338	923	187	962	145	980	81	990	120	980	216	948	250	884	304	846	2856	914	
19	392	818	441	809	410	831	328	856	441	894	306	946	229	969	131	984	171	970	285	932	343	865	410	821	3887	894	
18	368	783	403	768	415	796	311	826	402	857	337	920	271	952	175	974	165	956	272	910	351	838	384	786	3854	868	
17	413	750	426	732	451	760	374	798	447	824	449	892	284	932	238	960	253	943	324	890	402	811	390	753	4451	841	
16	404	712	431	693	488	721	408	764	506	787	480	853	393	910	298	942	305	923	436	865	459	780	418	720	5026	810	
15	469	676	467	653	496	679	465	727	546	744	572	813	489	881	380	919	385	899	404	833	442	745	408	685	5523	776	
14	488	634	449	610	514	636	462	685	576	699	707	764	547	844	506	889	455	868	429	802	491	710	446	650	6070	738	
13	434	590	459	569	514	592	525	643	618	650	719	704															

8	569	346	463	349	600	348	640	380	675	359	717	379	937	503	904	564	829	564	776	538	749	419	608	375	8467	432
7	590	295	537	307	639	297	622	322	688	303	699	319	1033	432	962	494	936	498	843	480	789	361	622	323	8960	374
6	593	242	549	258	566	242	676	265	657	245	675	259	1060	354	1066	420	978	424	1040	417	777	300	658	270	9295	312
5	657	189	669	208	694	193	722	204	733	191	751	202	1266	275	1270	337	1192	346	1162	339	914	240	724	215	10754	248
4	482	129	485	146	521	134	514	138	517	129	553	138	807	179	1010	239	934	251	1060	251	698	169	562	153	8143	174
3	355	86	450	102	435	89	442	92	373	86	446	91	668	118	832	161	796	176	841	172	642	115	478	106	6758	118
2	278	54	303	61	306	51	278	51	321	55	280	53	434	68	627	96	653	113	699	108	435	66	382	65	4996	71
1	183	29	200	33	183	25	181	26	194	28	171	30	254	35	335	48	395	61	453	56	275	32	226	33	3050	37
0	139	13	163	15	110	9	105	10	141	12	177	15	215	16	281	22	371	30	292	22	144	11	159	13	2297	16
MEAN		12.6		12.6		12.4		11.6		11.3		10.5		9.1		8.2		8.3		9.1		11.2		12.3		10.7
S.D.		7.5		7.5		7.2		6.7		6.1		5.4		5.0		4.8		5.2		6.1		7.1		7.7		6.6
TOTAL		11101		10932		11634		10994		11963		11778		13275		12919		12551		13313		12955		11798		145213
MAX		46.1		41.8		42.4		33.8		34.2		31.3		31.7		29.5		29.5		36.4		46.9		45.1		46.9
DATE	1995010920	1999020615	1995030907	1982041117	1996051716	1991060501	1983071505	1993082502	1988091801	1999102723	1983111017	1987120611	1983111017	1987120611	1983111017	1987120611	1983111017	1987120611	1983111017	1987120611	1983111017	1987120611	1983111017	1987120611	1983111017	
MIN		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
DATE	2000010800	1991022603	2001032118	2001041906	2001051404	2001062812	2001071205	2001082200	2001092406	2001102217	2001112723	2001123110	2001123110	2001123110	2001123110	2001123110	2001123110	2001123110	2001123110	2001123110	2001123110	2001123110	2001123110	2001123110	2001123110	

(* < 0.05% , # = 100.0%)

STATION: 46022

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

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

ELEMENT: PEAK WIND GUST (KNOTS) -- POR: (1/1982 - 12/2001) (145027 RECORDS, 97.7% 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	
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	#	
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
59	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	3	999	
58	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
57	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	#	4	999	
56	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	1	999	6	999	
55	1	999	-	-	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	2	999	6	999	
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	4	999	5	999	
53	2	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	999	1	999	11	999	
52	1	999	1	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	999	3	999	12	999	
51	2	999	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	998	5	999	10	999	
50	8	999	3	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	998	4	999	21	999	
49	3	998	1	999	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	998	1	998	13	999	
48	5	998	5	999	5	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	997	7	998	26	999	
47	8	997	4	999	2	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	9	997	13	998	37	999	
46	9	997	5	998	7	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	996	10	996	36	999	
45	9	996	8	998	6	998	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	9	996	9	996	44	999
44	12	995	10	997	12	998	2	999	1	#	-	-	-	-	-	-	-	-	-	1	999	11	995	13	995	62	998
43	22	994	11	996	17	997	2	999	-	-	-	-	-	-	-	-	-	-	-	1	999	14	995	21	994	88	998
42	29	992	15	995	19	995	8	999	-	-	-	-	-	-	-	-	-	-	-	3	999	8	993	26	992	108	997
41	22	989	18	994	22	994	5	999	-	-	-	-	-	-	-	-	-	-	-	2	999	15	993	31	990	115	997
40	31	987	33	992	22	992	7	998	1	999	1	#	1	#	-	-	-	-	-	4	999	23	992	43	987	166	996
39	41	985	25	989	18	990	9	998	3	999	2	999	-	-	-	-	-	-	-	5	999	26	990	35	983	164	995
38	56	981	29	987	38	988	21	997	4	999	3	999	-	-	1	#	1	#	2	999	33	988	49	980	237	994	
37	55	976	31	984	53	985	28	995	7	999	1	999	1	999	1	999	1	999	11	998	31	985	45	976	265	992	
36	51	971	52	981	52	980	31	992	17	999	7	999	-	-	1	999	4	999	16	998	50	983	63	972	344	990	
35	60	966	60	977	68	976	39	990	22	997	9	999	3	999	4	999	4	999	16	996	56	979	68	967	409	988	
34	80	961	75	971	65	970	58	986	40	995	12	998	6	999	2	999	5	999	28	995	55	975	97	961	523	985	
33	96	954	118	964	86	965	97	981	56	992	12	997	4	999	3	999	12	999	40	993	91	970	120	953	735	981	
32	111	945	112	953	105	957	85	972	49	987	24	996	4	999	1	999	11	998	41	990	98	963	115	943	756	976	
31	97	935	137	943	121	948	97	964	62	983	16	994	15	999	7	999	20	997	34	987	125	956	116	933	847	971	
30	155	926	141	931	131	938	141	955	61	978	26	993	11	997	6	998	21	995	66	984	112	946	145	923	1016	965	
29	142	912	161	918	164	926	123	943	100	973	46	990	35	997	5	998	35	994	79	979	131	938	168	911	1189	958	
28	163	900	213	903	185	912	128	931	127	965	57	986	53	994	16	998	34	991	75	974	163	927	182	897	1396	950	
27	183	885	211	884	220	896	155	920	156	954	83	982	60	990	23	996	52	988	77	968	176	915	195	881	1591	940	
26	247	868	304	864	239	877	224	906	229	941	139	975	74	985	46	995	74	984	155	962	232	901	230	865	2193	929	
25	239	846	274	836	240	857	217	885	237	922	148	963	102	980	63	991	88	978	151	950	210	883	234	845	2203	914	
24	268	824	305	811	265	836	216	865	275	902	176	950	137	972	74	986	86	971	185	939	205	867	295	825	2487	899	
23	287	800	317	783	298	813	244	846	268	879	207	935	180	962	109	980	126	964	200	925	266	851	275	800	2777	882	
22	294	774	331	754	311	788	221	824	325	857	261	918	220	948	128	972	145	954	247	910	262	831	310	777	3055	863	
21	332	748	324	724	367	761	310	803	354	829	337	895	234	932	186	962	178	943	231	892	328	810	347	751	3528	842	
20	366	718	379	694	383	729	365	775	399	800	391	867	280	914	226	948	205	928	292	874	363	785	363	721	4012	817	
19	438	685	440	660	489	696	394	742	488	766	518	834	410	893	335	930	341	912	416	852	45						

8	516	228	488	239	526	234	576	267	607	257	587	279	862	381	874	444	837	438	862	421	692	290	552	249	7979	315
7	484	182	475	195	531	189	588	215	583	206	563	229	937	316	905	377	872	371	873	356	685	236	533	202	8029	260
6	430	138	478	151	508	143	525	161	525	158	556	181	901	245	951	307	903	301	907	290	633	183	501	157	7818	205
5	458	99	445	107	473	99	498	113	492	114	581	134	846	177	1091	233	934	229	1086	222	672	134	533	114	8109	151
4	266	58	316	67	310	59	340	68	330	73	385	84	617	114	741	148	724	155	756	140	479	82	310	69	5574	95
3	175	34	189	38	196	32	218	37	269	45	279	52	422	67	578	91	564	97	550	83	322	45	260	42	4022	56
2	120	18	127	20	90	15	116	17	145	23	168	28	258	35	333	46	323	52	346	42	165	20	130	20	2321	29
1	71	7	75	9	67	7	48	7	69	10	81	14	131	16	156	20	185	26	159	16	71	8	87	9	1200	13
0	12	1	21	2	17	1	25	2	55	5	78	7	79	6	103	8	141	11	53	4	28	2	23	2	635	4
MEAN		16.0		16.1		15.6		14.6		14.1		13.0		11.3		10.3		10.5		11.5		14.3		15.7		13.5
S.D.		9.1		9.0		8.7		8.1		7.3		6.5		6.1		5.7		6.2		7.2		8.6		9.2		8.0
TOTAL		11085		10924		11620		10984		11954		11765		13262		12897		12530		13293		12936		11777		145027
MAX		58.9		57.7		55.4		47.0		44.1		40.0		39.9		37.5		37.7		45.1		60.5		57.3		60.5
DATE	1995010920	1999020613	1995030914	1982041117	1996051716	1991060500	1983071505	1993082502	1988091802	1999102720	1983111017	1987120611	1983111017	1987120611	1983111017	1987120611	1983111017	1987120611	1983111017	1987120611	1983111017	1987120611	1983111017	1987120611	1983111017	1987120611
MIN		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
DATE	1997010503	1991022603	1990030100	2001041906	1990052509	2000062700	1999072300	2001082117	2001092406	20000101705	2000111803	1999122401	2001092406													

(* < 0.05% , # = 100.0%)

STATION: 46022

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

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (5/1997 - 12/2001) (33803 RECORDS, 15.2% 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			
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#		
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	1	#		
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
58	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999		
57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999		
56	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	2	999		
55	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	4	999		
54	-	-	1	998	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	3	999		
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	998	-	-	-	4	999		
52	1	#	1	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	997	2	#	11	999			
51	-	-	2	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	995	2	999	7	999			
50	3	999	7	996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	994	1	999	17	999			
49	3	999	3	992	4	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	993	1	999	18	998			
48	5	997	3	991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	991	3	998	14	998			
47	10	996	5	989	1	998	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	4	990	3	998	25	998		
46	5	992	5	987	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	2	989	6	997	20	997		
45	15	990	5	984	2	997	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	6	988	5	995	34	996		
44	12	985	18	982	2	996	1	#	-	-	-	-	-	-	-	-	-	-	-	2	999	7	986	11	994	53	995		
43	13	980	5	973	5	995	3	999	-	-	-	-	-	-	-	-	-	-	-	-	13	984	9	991	48	994			
42	19	976	16	970	3	993	7	997	-	-	-	-	-	-	-	-	-	-	-	1	998	8	981	11	988	65	992		
41	14	969	19	962	4	991	5	992	-	-	-	-	-	-	-	-	-	-	-	1	998	11	978	11	985	65	990		
40	20	964	22	952	5	989	8	989	1	#	2	#	-	-	-	-	-	-	-	4	998	16	975	14	982	92	988		
39	27	957	25	941	11	987	10	983	1	999	1	999	-	-	-	-	-	-	-	4	996	15	971	23	978	117	986		
38	19	947	15	928	14	981	11	976	3	999	5	999	-	-	-	-	-	-	-	3	995	22	967	12	972	104	982		
37	22	940	22	921	17	974	9	969	6	997	3	997	-	-	-	-	-	-	-	11	994	27	960	33	969	150	979		
36	29	932	31	910	14	966	12	962	7	994	9	996	-	-	-	-	-	-	-	2	#	7	991	28	953	38	960	177	975
35	40	921	30	894	28	959	18	954	2	990	7	993	-	-	-	-	-	-	-	10	990	27	945	27	949	189	969		
34	24	907	47	879	24	945	11	941	3	989	8	990	1	#	-	-	-	-	-	4	999	13	987	26	937	46	942	207	964
33	43	898	59	855	32	933	9	934	7	988	9	987	3	999	-	-	-	-	-	5	998	15	983	39	930	57	930	278	958
32	49	883	58	825	28	917	19	927	3	984	11	984	1	999	-	-	-	-	-	3	997	14	979	47	919	31	914	264	950
31	50	865	48	795	39	903	12	914	8	982	10	980	5	999	3	#	8	996	26	975	49	905	46	906	304	942			
30	65	847	71	771	31	884	25	906	10	978	16	976	13	997	1	999	6	993	21	968	61	891	71	893	391	933			
29	55	823	63	735	30	868	19	888	22	973	14	970	18	994	4	999	12	991	30	962	44	874	61	874	372	921			
28	92	803	70	703	41	854	16	875	16	961	20	965	16	989	10	998	11	988	35	954	58	862	71	857	456	910			
27	66	770	71	667	34	833	29	864	24	953	20	958	22	984	13	994	25	984	39	944	61	845	81	838	485	897			
26	95	746	69	631	38	816	32	843	38	940	33	951	32	978	12	990	27	977	74	934	86	828	85	815	621	882			
25	77	712	71	596	34	797	29	821	34	920	47	938	40	970	28	987	24	969	67	913	55	804	114	792	620	864			
24	74	684	70	560	47	781	37	801	49	901	35	921	55	959	27	978	40	961	65	895	64	788	89	761	652	846			
23	79	657	66	525	66	757	30	775	73	875	61	908	71	944	34	970	72	949	64	877	95	770	110	737	821	826			
22	81	629	68	491	63	724	37	754	61	836	78	886	95	924	41	959	52	927	83	859	95	743	97	707	851	802			
21	91	599	63	457	81	693	42	728	70	804	80	857	77	898	43	947	65	912	84	836	103	716	106	680	905	777			
20	86	566	64	425	80	653	67	699	62	767	111	828	102	877	83	934	120	892	92	813	97	687	111	651	1075	750			
19	124	535	74	392	100	613	77	652	79	733	136	787	145	849	107	908	168	855	149	788	107	659	122	621	1388	718			
18	121	490	62	354	95	564	79	598	83	691	117	738	147	809	100	875	133	804	108	747	90	629	112	588	1247	677			
17	105	447	48	323	83	516	67</																						

8	86	95	35	63	71	123	45	153	83	188	151	233	213	302	247	371	195	286	248	280	191	173	146	131	1711	213
7	83	64	41	46	61	87	51	122	71	144	120	178	250	244	253	295	212	227	221	211	130	119	110	91	1603	163
6	46	34	26	25	53	57	42	86	71	106	108	134	181	176	236	218	168	162	225	151	116	82	94	61	1366	115
5	31	17	14	12	35	31	51	57	72	68	140	95	213	126	224	145	160	111	185	89	93	50	71	35	1289	75
4	9	6	6	5	17	13	19	21	33	30	64	43	133	68	129	76	95	63	89	38	56	23	32	16	682	37
3	5	3	3	2	8	5	6	8	17	12	34	20	73	31	69	37	55	34	32	13	21	7	17	7	340	16
2	2	1	-	-	2	1	4	3	6	3	15	7	33	11	39	16	30	17	14	4	3	1	7	2	155	6
1	-	-	-	-	-	-	-	-	-	-	2	2	9	2	11	4	8	8	2	1	1	1	1	*	34	2
0	-	-	-	-	-	-	1	1	-	-	3	1	-	-	1	*	18	5	-	-	1	*	-	-	24	1
MEAN		20.1		22.9		18.1		17.5		15.2		14.2		12.6		11.3		12.7		13.9		17.3		17.9		15.7
S.D.		9.8		10.0		8.8		8.8		7.0		6.9		6.2		5.6		6.2		7.5		9.7		9.2		8.6
TOTAL		2763		1969		2014		1430		1876		2729		3653		3256		3632		3529		3662		33803		33803
MAX		51.7		57.7		53.7		44.3		39.7		39.7		34.0		31.3		35.6		47.4		60.1		51.9		60.1
DATE	2000011400	1999020612	1998032313	1999040316	2001050206	1997060810	2001070414	2001082910	1999092622	1999102722	1998113018	2001120220	1998113018	2001120220	1998113018	2001120220	1998113018	2001120220	1998113018	2001120220	1998113018	2001120220	1998113018	2001120220	1998113018	2001120220
MIN		1.6		2.9		1.6		0.0		1.7		0.0		1.0		0.0		0.0		1.0		0.4		1.4		0.0
DATE	1999011008	2001020418	2001031808	2001041905	1999051703	2000062623	1998071015	2000082407	2000092812	2001100516	2000111802	1999122405	2001041905	1999122405	2001041905	1999122405	2001041905	1999122405	2001041905	1999122405	2001041905	1999122405	2001041905	1999122405	2001041905	1999122405

(* < 0.05% , # = 100.0%)

STATION: 46022

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS) -- POR: (1/1982 - 12/2001) (140775 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	
12.0	-	-	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#
11.5	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
11.0	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
10.5	2	#	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	-	-	-	-	-	7	999
10.0	2	999	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	2	#	8	999	
9.5	1	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	#	3	999	7	999	
9.0	3	999	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	1	999	4	999	14	999	
8.5	7	999	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	6	999	11	999	32	999	
8.0	13	999	10	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	4	999	21	999	22	998	71	999	
7.5	16	998	29	998	9	999	4	#	-	-	-	-	-	-	-	-	-	-	7	998	34	997	48	996	147	999	
7.0	33	996	56	995	17	999	13	999	-	-	-	-	-	-	-	-	-	1	#	16	998	47	994	79	992	262	998
6.5	56	993	97	990	31	998	23	999	3	#	-	-	-	-	-	-	-	4	999	22	996	83	990	115	985	434	996
6.0	118	989	147	981	68	995	36	997	6	999	4	#	-	-	-	-	-	9	999	13	995	114	983	168	975	683	993
5.5	287	979	285	967	202	989	81	993	30	999	14	999	-	-	1	#	14	999	42	993	151	973	328	960	1435	988	
5.0	498	954	436	941	389	972	143	987	70	997	40	998	6	#	9	999	31	998	101	990	312	960	594	931	2629	978	
4.5	845	912	664	901	639	940	278	974	149	991	89	995	71	999	26	999	105	995	237	981	553	933	880	878	4536	959	
4.0	1197	840	989	840	1028	886	672	950	241	978	277	987	247	994	84	997	216	986	429	961	873	884	1312	801	7565	927	
3.5	1517	738	1378	749	1682	800	913	893	541	957	551	964	627	975	241	990	573	967	785	924	1280	808	1644	685	11732	873	
3.0	1855	609	1926	623	2016	659	1578	815	1214	910	1047	917	1094	928	544	971	966	918	1533	857	1966	696	1705	539	17444	790	
2.5	2209	451	2049	446	2316	489	2184	679	1976	804	1889	827	1378	844	1248	926	1604	834	2368	725	2095	524	1701	388	23017	666	
2.0	1916	264	1471	257	1961	295	2636	492	2715	632	2614	666	2232	739	2308	824	2217	696	2539	522	1969	340	1388	238	25966	503	
1.5	910	101	908	122	1083	130	2250	266	2785	396	2858	443	3562	569	3663	636	3000	505	2451	305	1419	168	937	115	25826	318	
1.0	202	23	368	39	430	39	809	73	1652	154	2106	199	3528	298	3546	336	2582	246	1045	94	481	44	362	32	17111	135	
0.5	35	6	55	5	35	3	44	4	120	10	231	20	378	29	572	47	217	23	55	5	17	1	1	*	1760	13	
0.0	35	3	-	-	-	-	-	-	-	-	-	-	3	*	-	-	46	4	-	-	-	-	-	-	-	84	1
MEAN		3.1		3.1		2.9		2.4		2.1		2.0		1.8		1.6		1.9		2.3		2.9		3.2		2.4	
S.D.		1.2		1.2		1.1		1.0		0.8		0.8		0.8		0.7		0.9		1.0		1.2		1.3		1.1	
TOTAL		11757		10884		11907		11664		11502		11720		13126		12242		11585		11661		11423		11304		140775	
MAX		10.4		12.0		8.1		7.7		6.4		6.0		5.1		5.5		6.8		10.7		9.5		10.0		12.0	
DATE	1990013023	1984022502	1986031115	1999040603	1987051906	2000061610	1991070502	1988082104	1986092518	1999102814	1997111921	1988122117	1984022502	1999102814	1997111921	1988122117	1984022502	1999102814	1997111921	1988122117	1984022502	1999102814	1997111921	1988122117	1984022502	1999102814	
MIN		0.0		0.4		0.6		0.5		0.3		0.4		0.0		0.4		0.0		0.5		0.6		0.7		0.0	
DATE	1997010614	1982021017	1995033106	1984043008	1984050809	1983061423	1998070807	1992080414	1999090623	1983100918	1995110204	1982120911	1999090623	1983100918	1995110204	1982120911	1999090623	1983100918	1995110204	1982120911	1999090623	1983100918	1995110204	1982120911	1999090623	1983100918	

(* < 0.05% , # = 100.0%)

STATION: 46022

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

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (1/1982 - 12/2001) (140757 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	
18	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
17	-	-	-	-	4	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999
16	4	#	-	-	7	999	-	-	-	-	-	-	-	-	-	-	3	#	-	-	-	-	2	#	16	999	
15	13	999	-	-	7	999	4	#	-	-	-	-	-	-	-	-	-	-	1	#	2	#	6	999	33	999	
14	45	999	11	#	18	998	9	999	2	#	-	-	-	-	-	-	31	999	15	999	14	999	29	999	174	999	
13	124	995	78	999	80	997	43	999	8	999	-	-	-	-	-	-	72	997	62	999	63	999	148	997	678	998	
12	326	984	304	992	241	990	80	995	4	999	3	#	-	-	-	-	97	991	165	993	230	993	449	984	1899	994	
11	787	956	791																								

8	2699	530	2363	576	2785	618	2587	790	1882	921	1352	961	1089	987	984	976	1630	889	2548	721	2633	584	2457	479	25009	757
7	2124	300	2249	358	2580	384	3459	568	3591	757	3859	846	3917	904	3552	895	3876	748	3263	502	2522	353	1705	262	36697	580
6	1089	120	1311	152	1617	168	2484	271	3644	445	4232	516	5598	606	4907	605	3588	414	2067	222	1230	133	989	111	32756	319
5	264	27	292	31	345	32	634	58	1379	128	1717	155	2258	180	2319	204	1106	104	496	45	269	25	229	23	11308	86
4	20	5	42	4	35	3	47	4	97	8	102	9	96	8	184	15	54	9	30	3	17	1	30	3	754	6
3	-	-	4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1
0	34	3	-	-	-	-	-	-	-	-	-	-	3	*	-	-	46	4	-	-	-	-	-	-	83	1
MEAN		8.4		8.2		8.1		7.4		6.7		6.5		6.3		6.3		6.9		7.7		8.2		8.6		7.4
S.D.		1.7		1.7		1.6		1.4		1.2		1.0		0.9		1.0		1.5		1.6		1.6		1.7		1.7
TOTAL	11757		10878		11907		11664		11502		11720		13126		12243		11585		11661		11423		11291		140757	
MAX	16.1		14.4		17.7		15.1		14.0		12.0		10.0		10.6		16.0		14.7		15.0		15.9		17.7	
DATE	2001011820	1998020217	1999032103	1988041613	1984051919	1988060311	1993072207	1986082806	1990092516	1998103006	1999112813	1999120517	1999032103													
MIN	0.0	3.3	3.8	3.9	3.8	3.9	0.0	3.5	0.0	3.9	3.9	3.7	0.0													
DATE	1997010614	1982021122	1989032113	1982041018	1996051103	1982062505	1998070807	1982081717	1999090623	1983101400	1982110320	1983122309	1999090623													

(* < 0.05% , # = 100.0%)

STATION: 46022

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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (1/1982 - 12/2001) (140748 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	
25	47	#	15	#	32	#	8	#	-	-	-	-	-	-	-	24	#	11	#	21	#	42	#	200	#		
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
20	455	996	390	999	408	997	158	999	59	#	23	#	46	#	69	#	144	998	180	999	259	998	466	996	2657	999	
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	980	
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	980	
17	1480	957	1540	963	1331	963	593	986	423	995	424	998	385	996	420	994	516	985	642	984	1077	975	1671	955	10502	980	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	905	
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	905	
14	3142	831	2830	821	2841	851	1521	935	770	958	553	962	278	967	607	960	841	941	1633	929	2436	881	3231	807	20683	905	
13	3005	564	2608	561	2495	613	2476	804	1146	891	691	915	307	946	365	910	977	868	2428	788	2851	668	2717	521	22066	758	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	601	
11	1501	308	1351	321	1694	403	2186	592	1679	791	1116	856	626	923	594	881	1089	784	2143	580	2083	418	1316	281	17378	601	
10	779	181	672	197	981	261	1496	405	1685	646	1610	760	1366	875	1244	832	1526	690	1366	396	1108	236	617	164	14450	478	
9	474	115	504	135	687	178	1164	276	1673	499	2015	623	2400	771	2085	731	1812	558	1030	279	573	139	398	110	14815	375	
8	473	74	647	89	894	121	1384	177	2586	354	3302	451	4642	588	3968	560	2948	402	1416	191	632	89	497	75	23389	270	
7	220	34	210	30	345	46	446	58	950	129	1296	169	1987	234	1749	236	1106	147	525	69	234	33	214	31	9282	104	
6	92	15	83	10	125	17	165	20	388	46	515	59	870	83	885	93	430	52	217	24	113	13	94	12	3977	38	
5	46	7	15	3	57	6	63	6	122	12	149	15	195	16	224	21	91	15	59	6	29	3	30	3	1080	10	
4	7	3	7	1	13	1	2	*	15	2	22	2	18	2	29	3	32	7	7	1	5	*	9	1	166	2	
3	-	-	6	1	4	*	-	-	5	*	1	*	-	-	4	*	-	-	-	-	-	-	-	-	20	1	
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	
0	34	3	-	-	-	-	-	-	-	-	-	-	3	*	-	-	46	4	-	-	-	-	-	-	83	1	
MEAN		13.0		12.9		12.5		11.3		10.0		9.4		8.8		9.0		9.9		11.3		12.4		13.2		11.1	
S.D.		3.0		3.0		3.1		2.7		2.6		2.5		2.3		2.6		3.0		2.8		2.8		3.0		3.2	
TOTAL	11755		10878		11907		11662		11501		11717		13123		12243		11582		11657		11421		11302		140748		
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		25.0
DATE	2001011818	1995021019	2001030702	1989043022	1999051704	2000062820	1999072419	2001080318	1997092415	2001101319	2001110302	2001122703	2001122703														
MIN	0.0	3.1	3.2	4.0	3.1	3.4	0.0	2.9	0.0	3.6	4.0	3.7	0.0														
DATE	1997010614	1989020717	1989032103	2001042013	1996051102	1994062405	1998070807	1982081716	1999090623	1983101323	1982110320	1983122302	1999090623														

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: 46022

- (A) TOTAL STD MET RECORDS READ = 148470
- (B) TOTAL C WIND RECORDS READ = 222576
- (C) TOTAL RECORDS USED IN STATS = 371046

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	147309	146966	146894	26977	147285	145213	145027	33803	140775	140757	140748	0
(E) ELEMENT OUT OF RANGE	1161	1504	1576	121493	1185	3257	3443	188773	7695	7713	7722	148470

STATION: 46022 -- POR (1/1982 - 12/2001)

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

ELEMENT: AIR TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
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1982	MEAN	8.9	10.5	9.9	10.4	10.5	11.8	13.5	14.0	13.8	13.7	12.7	11.6	11.9
	MAXIMUM	11.8	14.5	13.6	15.7	12.9	15.9	16.9	17.5	17.9	18.2	16.8	15.1	18.2
	DAY-HR	25-22	20-08	08-13	21-01	06-01	26-04	14-01	27-22	03-23	22-07	04-00	04-04	OCT
	MINIMUM	5.3	6.6	5.1	5.2	8.1	9.6	10.4	11.6	10.5	9.8	9.0	7.1	5.1
	DAY-HR	19-22	23-17	28-14	01-17	30-03	03-13	19-16	23-12	14-20	13-13	08-11	24-16	MAR
	# OBS	315	668	700	719	738	716	743	742	718	741	720	743	8263
1983	MEAN	11.9	12.4	11.6	10.7	11.6	13.0	14.3	15.5	14.7	13.8	13.0	10.9	12.8
	MAXIMUM	16.0	15.8	15.2	14.7	15.5	15.4	16.7	18.6	19.5	17.5	17.6	15.7	19.5
	DAY-HR	23-22	18-06	08-20	16-23	30-03	22-22	31-23	13-00	20-23	10-19	10-15	09-06	SEP
	MINIMUM	6.9	8.7	8.2	5.6	8.8	10.1	11.0	12.1	12.4	11.0	7.1	2.3	2.3
	DAY-HR	20-17	27-15	21-03	10-19	09-08	07-18	18-15	18-15	30-10	07-10	25-16	23-17	DEC
	# OBS	739	670	741	711	742	715	740	742	717	738	713	635	8603
1984	MEAN	10.7	10.2	11.0	10.2	11.7	11.4	12.2	14.2	13.6	13.0	11.8	10.0	11.7
	MAXIMUM	13.4	13.4	16.3	13.6	15.3	17.2	15.8	18.7	17.9	16.5	14.9	14.7	18.7
	DAY-HR	04-00	28-02	05-20	14-01	22-23	26-21	25-23	17-01	19-20	10-14	05-23	07-23	AUG
	MINIMUM	7.1	6.9	7.4	7.3	8.8	9.0	9.6	11.6	9.6	9.1	6.9	3.7	3.7
	DAY-HR	17-14	21-20	31-12	25-16	05-15	26-12	22-14	03-18	27-17	27-16	26-12	18-15	DEC
	# OBS	739	667	737	718	734	716	741	740	717	744	715	566	8534
1985	MEAN	10.0	9.1	8.3	9.8	10.9	12.1	12.4	13.7	13.1	12.0	9.2	9.3	10.8
	MAXIMUM	14.1	11.9	11.1	12.9	16.5	15.6	16.5	16.8	16.4	17.1	12.3	13.9	17.1
	DAY-HR	17-21	27-17	31-00	11-23	23-23	07-23	10-03	18-20	15-01	05-23	02-00	02-12	OCT
	MINIMUM	6.6	5.8	4.3	7.0	7.7	8.9	9.3	11.3	8.2	9.3	4.9	6.2	4.3
	DAY-HR	02-12	10-17	25-15	20-17	08-13	25-19	26-14	23-13	24-15	26-14	10-09	25-04	MAR
	# OBS	740	671	736	718	741	720	741	741	716	741	719	741	8725
1986	MEAN	11.8	11.4	11.5	10.3	11.0	13.1	12.4	12.0	12.6	11.8	13.7	-	11.8
	MAXIMUM	15.5	15.8	14.8	13.0	13.3	15.7	15.8	15.8	15.8	16.8	15.9	-	16.8
	DAY-HR	13-06	14-22	19-23	27-23	26-11	04-02	11-19	18-21	03-01	26-20	03-00	-	OCT
	MINIMUM	8.1	7.5	7.3	7.6	8.2	10.3	9.4	10.0	9.8	7.8	12.1	-	7.3
	DAY-HR	06-15	07-11	14-15	30-13	06-12	25-16	25-18	07-10	06-16	16-12	01-10	-	MAR
	# OBS	741	666	735	717	698	718	744	739	716	740	149	-	7363
1987	MEAN	-	-	10.9	10.9	11.6	11.7	13.1	12.3	12.8	14.7	12.7	10.7	11.9
	MAXIMUM	-	-	14.6	13.2	16.3	14.1	16.4	15.2	14.8	15.8	16.8	15.2	16.8
	DAY-HR	-	-	30-21	01-01	07-23	03-15	29-02	01-02	14-02	30-19	20-10	04-00	NOV
	MINIMUM	-	-	8.8	6.7	8.6	10.0	10.3	9.9	10.8	13.7	8.4	6.1	6.1
	DAY-HR	-	-	21-23	18-16	21-15	27-16	14-15	29-15	01-08	28-20	29-14	29-21	DEC
	# OBS	-	-	241	715	741	717	743	741	399	76	717	743	5833
1988	MEAN	10.2	9.7	9.8	10.1	11.7	12.8	12.3	12.0	11.1	12.0	11.7	9.9	11.1
	MAXIMUM	13.7	12.9	11.8	12.9	14.1	14.5	15.5	14.9	17.3	15.1	14.2	14.7	17.3
	DAY-HR	27-04	28-20	15-01	28-18	21-03	02-20	15-02	23-22	12-20	13-21	06-00	03-21	SEP
	MINIMUM	6.0	5.6	7.7	7.4	8.9	9.9	9.7	9.9	7.9	9.1	7.2	4.7	4.7
	DAY-HR	01-14	01-12	12-14	30-20	02-15	07-15	26-06	02-15	24-17	24-15	24-00	27-13	DEC
	# OBS	744	694	436	716	740	718	741	741	594	719	718	742	8303
1989	MEAN	8.2	7.6	9.6	10.9	11.6	12.0	13.0	12.9	11.6	11.7	11.0	10.8	10.9
	MAXIMUM	11.0	12.7	13.3	14.0	14.5	16.4	16.0	15.6	16.1	15.3	14.4	14.5	16.4
	DAY-HR	30-02	22-01	09-15	18-20	04-01	14-00	03-03	02-02	29-23	23-04	30-23	04-06	JUN
	MINIMUM	4.6	1.0	5.2	7.8	9.3	9.6	10.4	10.2	8.0	9.2	7.5	6.3	1.0
	DAY-HR	06-23	04-17	03-09	23-14	23-04	27-15	01-13	23-11	08-15	13-14	20-13	19-16	FEB
	# OBS	743	670	737	720	741	716	741	735	716	739	718	739	8715
1990	MEAN	10.2	8.1	9.2	10.7	10.7	13.0	14.0	-	15.7	11.7	11.0	10.4	10.9
	MAXIMUM	13.8	11.8	12.2	13.1	13.1	16.8	15.8	-	18.3	15.5	13.5	13.6	18.3
	DAY-HR	12-13	23-22	17-06	28-00	05-00	28-03	08-03	-	21-16	02-07	05-02	08-22	SEP
	MINIMUM	6.5	2.7	5.1	8.3	8.8	10.2	11.4	-	12.0	7.2	8.0	8.1	2.7
	DAY-HR	27-13	13-21	11-17	07-15	09-15	21-12	14-12	-	30-17	24-14	12-12	03-16	FEB
	# OBS	743	670	467	239	245	237	109	-	364	742	719	193	4728
1991	MEAN	-	10.1	9.2	9.8	9.9	10.5	11.4	13.1	11.9	11.9	10.5	9.7	10.8
	MAXIMUM	-	14.4	13.5	12.1	12.6	14.2	15.9	15.5	15.6	17.3	13.9	14.1	17.3
	DAY-HR	-	24-23	03-09	02-21	06-01	29-21	15-20	29-23	03-23	11-01	12-21	26-19	OCT
	MINIMUM	-	6.4	5.7	7.4	7.1	7.8	9.0	10.6	7.6	9.0	7.0	5.9	5.7
	DAY-HR	-	26-15	26-10	10-15	01-09	07-15	10-18	01-10	23-12	30-13	01-13	14-14	MAR
	# OBS	-	290	740	718	742	718	744	735	719	739	718	739	7602
1992	MEAN	10.5	11.5	11.9	12.6	12.4	12.5	13.7	12.9	12.7	13.1	12.0	10.1	12.1
	MAXIMUM	14.9	15.9	14.3	15.7	15.3	15.0	17.2	16.5	16.7	16.5	15.7	14.1	17.2
	DAY-HR	31-03	25-21	22-21	29-20	25-01	09-20	20-23	08-02	30-15	07-01	01-21	10-12	JUL
	MINIMUM	6.9	7.4	9.0	9.0	10.2	10.2	10.5	10.5	9.3	9.7	8.3	5.5	5.5
	DAY-HR	12-16	16-01	30-13	05-12	16-13	25-12	29-15	28-17	29-06	16-14	23-18	29-18	DEC
	# OBS	738	686	736	717	740	715	738	738	718	738	704	727	8695
1993	MEAN	9.0	10.3	11.1	-	14.3	13.6	12.5	13.9	11.8	12.6	11.0	11.5	11.8
	MAXIMUM	12.9	16.7	13.6	-	16.2	18.3	15.3	16.7	14.0	19.9	14.6	15.2	19.9
	DAY-HR	22-02	04-21	16-22	-	26-22	14-22	23-23	11-00	06-22	27-22	28-05	10-14	OCT
	MINIMUM	4.4	4.3	9.0	-	12.7	11.0	10.1	10.3	8.5	9.9	6.4	8.5	4.3
	DAY-HR	10-16	20-01	07-11	-	23-15	26-15	27-14	30-04	25-16	01-13	24-14	03-17	FEB
	# OBS	720	630	686	-	214	709	737	731	709	738	713	341	6928

1994	MEAN	-	-	11.0	11.0	12.0	12.8	11.8	14.4	13.2	12.1	9.7	9.8	11.9
	MAXIMUM	-	-	12.2	13.1	13.6	15.2	15.0	17.5	16.4	14.7	13.6	13.2	17.5
	DAY-HR	-	-	31-01	20-00	08-21	26-02	25-02	13-19	10-22	04-00	01-05	27-19	AUG
	MINIMUM	-	-	9.9	8.5	9.2	10.1	9.0	11.3	10.0	8.5	5.3	5.9	5.3
	DAY-HR	-	-	31-17	23-16	02-14	07-13	18-16	27-08	26-14	24-05	26-04	09-16	NOV
	# OBS	-	-	51	715	734	713	728	737	713	733	708	728	6560
1995	MEAN	11.7	11.1	11.1	11.0	11.5	11.5	14.7	13.5	14.7	13.0	12.5	12.9	12.4
	MAXIMUM	14.6	14.9	15.0	13.9	13.2	13.0	17.0	16.3	17.0	16.8	15.7	16.7	17.0
	DAY-HR	13-11	04-01	09-14	04-23	03-01	04-19	10-01	30-00	06-01	10-22	17-17	12-05	SEP
	MINIMUM	7.8	5.8	5.4	6.6	9.5	9.4	11.8	10.9	11.0	9.6	8.5	9.3	5.4
	DAY-HR	17-14	14-07	23-08	15-21	26-14	08-17	19-12	01-12	12-07	28-18	03-18	21-13	MAR
	# OBS	727	662	733	712	741	243	618	737	709	734	701	735	8052
1996	MEAN	11.5	11.4	11.2	11.8	11.7	-	-	-	-	-	-	-	11.5
	MAXIMUM	14.6	15.4	15.5	14.6	14.6	-	-	-	-	-	-	-	15.5
	DAY-HR	07-21	13-22	08-00	23-17	14-07	-	-	-	-	-	-	-	MAR
	MINIMUM	7.1	4.9	6.4	9.0	9.3	-	-	-	-	-	-	-	4.9
	DAY-HR	22-11	22-16	05-15	03-14	06-14	-	-	-	-	-	-	-	FEB
	# OBS	737	687	738	735	451	-	-	-	-	-	-	-	3348
1997	MEAN	10.7	10.7	10.4	10.6	13.1	13.2	13.6	14.5	16.7	12.8	13.4	12.3	12.7
	MAXIMUM	14.9	14.8	14.2	13.7	16.9	16.2	15.8	19.0	19.3	16.1	16.4	17.2	19.3
	DAY-HR	18-22	16-14	18-18	26-21	31-03	03-00	06-01	31-01	20-23	01-16	22-22	13-23	SEP
	MINIMUM	4.7	8.0	6.9	6.7	9.4	10.6	11.1	11.7	12.6	9.8	10.0	8.3	4.7
	DAY-HR	04-15	15-16	04-18	05-13	02-15	16-19	31-19	01-14	30-10	15-15	08-16	25-14	JAN
	# OBS	653	651	739	708	732	711	726	729	707	737	700	737	8530
1998	MEAN	12.4	11.3	11.5	-	-	-	12.7	12.9	12.6	12.7	11.8	9.3	11.9
	MAXIMUM	16.7	15.9	16.1	-	-	-	15.8	15.1	14.7	17.3	15.6	13.3	17.3
	DAY-HR	29-05	06-10	23-12	-	-	-	31-00	22-00	19-01	07-02	26-03	13-12	OCT
	MINIMUM	8.6	7.9	7.7	-	-	-	10.1	10.7	10.5	9.5	8.5	2.4	2.4
	DAY-HR	20-18	26-17	03-18	-	-	-	26-17	31-15	15-07	26-17	09-17	21-14	DEC
	# OBS	717	656	576	-	-	-	736	786	715	726	715	712	6339
1999	MEAN	9.9	9.5	9.0	9.2	9.8	11.3	11.9	13.9	11.9	10.9	12.2	10.0	10.6
	MAXIMUM	12.6	13.0	12.2	13.4	12.1	13.5	13.6	15.5	22.6	14.8	16.7	18.1	22.6
	DAY-HR	04-00	20-16	18-21	15-17	23-02	22-01	11-11	29-23	05-22	27-19	11-17	22-06	SEP
	MINIMUM	5.3	4.9	4.7	5.2	7.4	8.8	10.0	12.2	9.2	7.4	8.3	5.9	4.7
	DAY-HR	24-06	10-12	09-08	09-15	10-14	10-19	13-15	01-13	19-10	19-13	22-16	26-16	MAR
	# OBS	741	659	721	718	743	719	740	329	472	717	674	740	7973
2000	MEAN	10.6	-	-	-	-	11.6	12.6	12.8	12.9	11.6	10.3	11.1	11.7
	MAXIMUM	14.1	-	-	-	-	14.9	15.6	15.6	15.2	15.5	13.1	13.3	15.6
	DAY-HR	16-03	-	-	-	-	15-02	29-03	09-23	21-01	23-23	29-06	07-22	AUG
	MINIMUM	7.1	-	-	-	-	9.0	9.9	10.6	9.5	8.3	6.6	7.9	6.6
	DAY-HR	12-07	-	-	-	-	26-15	12-15	29-04	24-05	13-04	13-19	24-17	NOV
	# OBS	562	-	-	-	-	594	731	736	718	731	714	742	5528
2001	MEAN	10.4	9.4	9.9	9.5	10.7	11.7	12.0	12.8	12.1	12.0	11.6	10.7	11.1
	MAXIMUM	13.2	13.4	12.8	13.1	14.8	14.4	14.1	16.5	14.9	14.9	17.2	15.1	17.2
	DAY-HR	08-02	19-10	07-01	16-20	21-22	11-00	22-02	21-23	04-01	01-20	19-17	27-19	NOV
	MINIMUM	6.3	4.8	6.4	5.6	8.7	9.5	9.0	10.9	9.5	8.3	7.1	6.3	4.8
	DAY-HR	25-19	11-13	03-16	03-05	03-10	06-13	08-16	24-14	08-13	27-04	27-17	10-15	FEB
	# OBS	741	665	728	716	737	715	740	739	703	743	718	742	8687
POR	MEAN	10.6	10.3	10.4	10.6	11.4	12.2	12.8	13.4	13.1	12.4	11.6	10.6	11.6
	MAXIMUM	16.7	16.7	16.3	15.7	16.9	18.3	17.2	19.0	22.6	19.9	17.6	18.1	22.6
	YEAR	1998	1993	1984	1992	1997	1993	1992	1997	1999	1993	1983	1999	SEP/1999
	MINIMUM	4.4	1.0	4.3	5.2	7.1	7.8	9.0	9.9	7.6	7.2	4.9	2.3	1.0
	YEAR	1993	1989	1985	1999	1991	1991	2001	1988	1991	1990	1985	1983	FEB/1989
	# OBS	11840	10962	11978	11712	11954	11810	13281	12918	12540	13316	12953	12045	147309

STATION: 46022 -- POR (1/1982 - 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
1982	MEAN	10.3	10.9	10.9	11.1	9.8	11.4	12.9	13.5	12.9	13.5	13.7	12.9	12.1
	MAXIMUM	10.9	12.0	11.8	14.5	11.7	13.6	16.1	16.3	16.7	16.0	15.4	14.1	16.7
	DAY-HR	29-00	17-23	24-01	23-02	03-21	28-04	09-21	21-01	03-23	26-08	02-23	06-13	SEP
	MINIMUM	9.6	10.0	10.2	10.2	8.3	9.3	10.4	10.6	10.5	11.3	12.3	11.4	8.3
	DAY-HR	22-11	08-18	28-15	08-16	27-19	01-16	24-19	07-20	17-07	10-15	15-14	26-14	MAY
	# OBS	316	668	700	719	738	716	743	743	718	741	720	743	8265
1983	MEAN	12.5	12.5	12.3	11.6	12.2	12.3	13.5	15.3	13.9	14.6	14.3	12.6	13.1
	MAXIMUM	13.0	13.3	13.5	13.5	13.7	15.1	16.0	18.9	16.9	16.4	15.4	13.6	18.9

	DAY-HR	20-01	14-00	19-22	17-00	30-01	22-23	04-01	13-00	02-23	27-00	14-01	01-04	AUG
	MINIMUM	11.7	11.8	11.6	10.3	10.5	10.6	11.0	13.1	11.4	12.8	12.9	10.3	10.3
	DAY-HR	14-14	28-22	31-11	13-16	26-19	03-16	01-16	18-22	19-17	01-12	27-17	31-09	DEC
	# OBS	739	670	744	712	742	715	739	741	718	740	716	635	8611
1984	MEAN	11.6	11.2	11.3	10.9	11.9	10.6	11.4	14.4	13.0	13.4	12.5	11.2	12.0
	MAXIMUM	12.5	12.2	12.6	13.1	14.0	15.3	13.6	17.8	15.9	15.3	13.6	12.5	17.8
	DAY-HR	08-00	06-23	19-22	13-21	23-01	27-20	26-00	17-01	16-00	01-01	03-00	03-23	AUG
	MINIMUM	10.6	10.4	10.6	9.1	9.2	8.9	9.3	11.7	10.8	11.2	10.7	10.1	8.9
	DAY-HR	01-14	03-18	03-17	28-09	31-23	08-14	19-15	06-07	23-14	31-22	01-19	31-23	JUN
	# OBS	740	656	737	718	734	716	741	738	717	744	715	567	8523
1985	MEAN	10.8	10.0	9.0	10.3	10.8	11.5	11.8	13.7	13.0	11.4	10.0	10.4	11.1
	MAXIMUM	11.7	10.9	11.1	12.2	13.5	15.6	14.8	16.5	15.7	15.2	11.4	11.2	16.5
	DAY-HR	24-00	14-23	30-22	12-02	30-21	08-00	10-00	19-00	15-00	06-00	04-23	08-16	AUG
	MINIMUM	9.8	8.9	7.9	9.3	9.1	9.3	9.6	11.6	10.6	10.2	8.9	9.3	7.9
	DAY-HR	04-04	27-13	08-11	05-15	15-13	24-19	28-14	14-20	26-07	22-02	12-17	20-17	MAR
	# OBS	740	671	736	718	741	720	741	741	716	741	719	741	8725
1986	MEAN	11.4	11.5	11.9	10.5	10.6	12.9	11.8	11.7	12.4	12.0	13.3	-	11.7
	MAXIMUM	11.8	12.7	13.3	12.2	12.8	15.2	15.5	13.8	14.2	13.8	14.2	-	15.5
	DAY-HR	09-02	27-00	25-22	01-00	21-23	18-21	11-21	27-01	03-04	31-02	02-22	-	JUL
	MINIMUM	10.2	10.4	11.3	9.1	9.2	11.4	8.8	10.2	10.3	10.4	11.5	-	8.8
	DAY-HR	01-06	07-16	12-15	30-14	14-17	10-16	25-20	09-13	07-04	13-10	07-05	-	JUL
	# OBS	741	666	735	717	696	718	744	739	716	740	149	-	7361
1987	MEAN	-	-	10.8	11.3	11.3	11.1	12.3	12.1	12.4	14.6	13.2	11.9	11.9
	MAXIMUM	-	-	12.9	12.9	15.1	13.1	15.6	14.3	13.8	15.0	14.8	13.2	15.6
	DAY-HR	-	-	30-00	28-23	07-22	21-22	30-01	01-08	13-23	30-01	01-04	10-13	JUL
	MINIMUM	-	-	10.3	10.3	8.6	8.8	9.0	10.2	11.3	13.0	11.6	10.3	8.6
	DAY-HR	-	-	28-14	24-18	20-07	17-12	15-17	09-14	06-11	28-20	29-17	28-13	MAY
	# OBS	-	-	241	715	741	717	743	741	399	76	717	743	5833
1988	MEAN	10.8	10.1	10.3	10.0	12.2	12.9	11.7	11.5	10.6	12.3	12.0	10.5	11.3
	MAXIMUM	11.4	10.9	11.8	12.6	14.5	14.6	15.0	13.2	12.0	13.4	13.3	12.2	15.0
	DAY-HR	07-21	08-22	04-00	28-03	22-03	03-21	14-20	17-23	08-02	15-05	05-01	02-22	JUL
	MINIMUM	10.0	9.0	9.0	8.9	10.5	10.4	10.0	9.9	9.5	10.5	11.1	9.3	8.9
	DAY-HR	31-13	23-14	31-15	09-15	24-20	30-08	28-17	04-11	25-17	28-18	24-14	28-17	APR
	# OBS	744	694	436	716	740	718	741	741	594	719	718	742	8303
1989	MEAN	9.1	9.2	9.8	11.4	11.5	11.5	12.2	12.5	11.6	11.5	10.9	11.6	11.1
	MAXIMUM	9.7	10.4	11.1	13.7	14.2	13.9	14.8	14.9	13.2	13.3	12.3	13.1	14.9
	DAY-HR	20-02	24-23	20-22	29-03	05-23	19-00	18-02	03-00	29-22	01-00	30-23	05-23	AUG
	MINIMUM	8.1	7.8	8.9	10.0	9.7	9.8	10.0	10.2	10.1	10.0	9.2	10.2	7.8
	DAY-HR	07-16	05-20	04-16	03-12	20-08	24-12	25-19	25-05	10-09	24-06	20-10	14-10	FEB
	# OBS	743	670	737	720	741	716	741	735	716	739	718	738	8714
1990	MEAN	10.8	9.8	10.1	11.1	10.1	12.6	12.9	-	15.1	10.9	11.5	10.9	11.2
	MAXIMUM	11.6	10.7	11.5	13.2	12.3	14.7	15.2	-	17.5	15.5	14.0	11.9	17.5
	DAY-HR	14-02	24-01	28-03	28-00	29-00	08-21	04-00	-	16-00	01-03	01-20	09-00	SEP
	MINIMUM	10.2	8.6	9.4	9.7	8.8	10.7	11.3	-	13.3	9.5	9.9	10.2	8.6
	DAY-HR	28-10	22-16	12-16	10-09	09-12	14-15	14-12	-	30-17	12-09	13-08	07-17	FEB
	# OBS	743	670	467	239	245	237	109	-	364	742	719	193	4728
1991	MEAN	-	10.9	10.3	10.3	9.9	10.0	10.9	13.2	11.9	11.6	10.8	9.9	10.9
	MAXIMUM	-	11.8	11.7	12.7	12.5	13.7	13.4	16.5	14.9	13.6	12.6	11.3	16.5
	DAY-HR	-	25-01	30-23	02-22	06-01	30-01	30-03	22-23	06-05	12-00	13-23	30-00	AUG
	MINIMUM	-	10.2	9.3	9.4	7.9	7.9	9.0	9.7	9.7	10.3	9.5	8.6	7.9
	DAY-HR	-	28-22	25-12	12-11	27-14	05-13	09-20	08-04	15-13	25-13	30-23	07-10	JUN
	# OBS	-	290	739	718	742	718	744	735	718	739	717	739	7599
1992	MEAN	10.8	12.0	12.7	13.2	12.8	12.3	13.3	12.7	12.5	12.9	12.7	11.6	12.5
	MAXIMUM	11.5	13.5	13.7	14.9	15.4	14.4	15.9	14.5	14.5	14.9	15.2	12.9	15.9
	DAY-HR	22-00	25-21	23-00	24-02	03-23	27-02	07-02	11-05	24-22	08-04	04-21	03-00	JUL
	MINIMUM	10.2	11.0	11.4	12.2	11.3	9.8	11.4	10.5	10.5	10.9	11.0	10.5	9.8
	DAY-HR	18-17	07-17	20-13	13-15	12-20	07-16	14-16	02-18	19-08	18-18	25-15	30-06	JUN
	# OBS	737	686	736	716	739	715	738	738	717	736	706	723	8687
1993	MEAN	10.8	11.5	11.6	-	13.9	13.6	11.8	13.3	11.5	12.5	11.4	12.0	12.1
	MAXIMUM	11.7	12.5	12.9	-	14.6	17.2	16.8	16.4	13.2	14.5	12.8	12.9	17.2
	DAY-HR	22-21	13-00	24-23	-	26-00	14-23	21-22	23-00	07-00	15-23	10-18	10-20	JUN
	MINIMUM	8.2	9.7	11.0	-	13.3	10.6	8.8	9.6	10.5	11.2	10.6	11.3	8.2
	DAY-HR	03-10	26-14	10-16	-	24-11	25-15	10-16	31-14	02-13	29-18	17-19	08-17	JAN
	# OBS	721	626	685	-	214	709	734	733	709	738	713	341	6923
1994	MEAN	-	-	11.9	11.3	11.9	12.5	11.2	13.8	12.9	11.8	10.6	10.9	11.9
	MAXIMUM	-	-	12.7	12.9	13.6	15.7	13.8	16.8	15.5	13.3	12.3	11.5	16.8
	DAY-HR	-	-	30-23	22-00	15-00	25-22	26-02	10-23	03-20	02-00	01-08	22-00	AUG
	MINIMUM	-	-	11.2	10.2	10.3	11.1	9.5	11.6	10.8	10.1	9.3	10.0	9.3
	DAY-HR	-	-	30-04	09-05	27-18	07-12	13-14	31-18	23-00	25-09	28-15	06-19	NOV
	# OBS	-	-	51	716	734	713	727	737	713	732	708	726	6557
1995	MEAN	11.4	11.8	12.1	12.0	11.5	11.2	14.3	12.8	14.6	12.5	12.4	13.6	12.6
	MAXIMUM	12.0	13.2	13.7	14.0	13.0	12.4	17.2	15.8	16.5	16.1	14.7	14.7	17.2

	DAY-HR	31-06	20-00	30-01	30-00	11-22	11-03	10-01	26-23	28-22	01-01	17-14	13-22	JUL
	MINIMUM	10.6	10.6	11.3	11.0	10.4	10.4	12.1	10.9	10.8	10.4	10.2	12.0	10.2
	DAY-HR	02-13	15-14	07-23	21-13	23-16	02-12	31-18	14-15	13-17	27-23	02-13	05-12	NOV
	# OBS	726	662	732	712	741	243	617	736	704	735	695	734	8037
1996	MEAN	12.5	12.1	11.4	12.0	11.6	-	-	-	-	-	-	-	12.0
	MAXIMUM	14.9	14.5	13.0	14.0	13.7	-	-	-	-	-	-	-	14.9
	DAY-HR	23-23	09-01	09-22	25-23	13-03	-	-	-	-	-	-	-	JAN
	MINIMUM	10.2	11.1	10.3	11.1	10.0	-	-	-	-	-	-	-	10.0
	DAY-HR	30-11	25-18	25-17	01-00	10-14	-	-	-	-	-	-	-	MAY
	# OBS	737	686	737	734	449	-	-	-	-	-	-	-	3343
1997	MEAN	11.5	11.4	10.8	10.5	13.4	12.6	13.1	14.3	16.7	12.3	14.4	13.9	12.9
	MAXIMUM	13.8	12.3	12.6	12.9	16.5	15.9	15.1	20.9	20.1	15.0	15.2	14.8	20.9
	DAY-HR	05-23	01-08	27-22	30-01	30-03	03-06	09-01	30-22	02-00	05-07	07-04	01-05	AUG
	MINIMUM	6.7	10.2	9.9	8.7	11.5	10.2	10.9	11.6	13.1	10.9	12.6	12.8	6.7
	DAY-HR	07-16	28-23	29-16	11-14	03-10	14-18	29-17	06-15	30-12	25-07	05-18	31-18	JAN
	# OBS	654	651	739	706	731	711	726	732	709	737	700	737	8533
1998	MEAN	13.5	13.3	12.2	-	-	-	12.2	12.4	12.3	12.6	12.1	10.9	12.4
	MAXIMUM	13.8	13.8	13.5	-	-	-	16.6	14.9	13.9	14.3	13.8	12.5	16.6
	DAY-HR	16-07	14-03	15-23	-	-	-	11-00	22-00	19-00	21-21	02-21	03-02	JUL
	MINIMUM	13.0	12.1	11.6	-	-	-	10.7	10.9	10.8	10.2	10.4	8.6	8.6
	DAY-HR	01-15	26-18	08-17	-	-	-	28-05	30-09	02-11	23-23	08-16	25-20	DEC
	# OBS	717	654	573	-	-	-	736	783	715	726	715	712	6331
1999	MEAN	10.4	9.8	9.9	9.7	9.4	10.9	11.4	13.1	12.0	10.9	11.9	11.0	10.7
	MAXIMUM	11.2	10.3	11.0	11.5	12.9	12.9	13.2	15.3	23.0	12.6	12.9	12.0	23.0
	DAY-HR	09-23	15-00	11-22	16-20	18-20	24-23	31-23	03-01	05-22	12-00	13-23	02-13	SEP
	MINIMUM	9.2	9.2	9.4	8.0	8.2	9.5	10.1	11.3	10.3	9.5	10.5	9.5	8.0
	DAY-HR	05-08	15-14	15-12	30-13	10-13	02-16	02-14	10-05	18-06	17-10	06-22	28-23	APR
	# OBS	738	659	721	718	743	718	741	327	305	606	673	740	7689
2000	MEAN	10.9	-	-	-	-	10.9	11.9	12.2	12.4	11.2	10.9	11.7	11.6
	MAXIMUM	11.4	-	-	-	-	14.5	15.0	14.4	14.9	13.3	12.5	13.0	15.0
	DAY-HR	24-04	-	-	-	-	26-20	29-03	18-22	04-22	28-22	01-23	03-23	JUL
	MINIMUM	9.7	-	-	-	-	9.7	10.2	9.5	10.4	9.7	9.4	10.5	9.4
	DAY-HR	14-04	-	-	-	-	23-15	02-13	07-14	23-11	07-18	16-17	28-15	NOV
	# OBS	562	-	-	-	-	592	729	736	718	727	714	742	5520
2001	MEAN	11.3	10.1	10.1	10.3	10.1	11.0	11.4	12.2	11.6	11.6	11.6	11.1	11.0
	MAXIMUM	12.2	12.1	11.0	12.1	12.5	14.8	13.3	14.8	14.4	14.5	12.8	12.1	14.8
	DAY-HR	05-00	04-23	07-03	30-23	28-00	11-00	30-03	21-22	03-02	09-00	16-19	07-00	AUG
	MINIMUM	10.5	9.0	8.9	9.4	8.6	9.4	9.7	10.6	9.5	9.5	9.8	9.8	8.6
	DAY-HR	23-00	17-08	06-08	16-12	16-08	28-07	10-17	16-16	23-17	30-19	11-23	20-16	MAY
	# OBS	741	665	727	716	738	715	740	738	701	743	718	742	8684
POR	MEAN	11.2	11.1	11.0	11.0	11.3	11.8	12.1	13.0	12.8	12.2	12.1	11.6	11.8
	MAXIMUM	14.9	14.5	13.7	14.9	16.5	17.2	17.2	20.9	23.0	16.4	15.4	14.8	23.0
	YEAR	1996	1996	1995	1992	1997	1993	1995	1997	1999	1983	1983	1997	SEP/1999
	MINIMUM	6.7	7.8	7.9	8.0	7.9	7.9	8.8	9.5	9.5	9.5	8.9	8.6	6.7
	YEAR	1997	1989	1985	1999	1991	1991	1993	2000	2001	2001	1985	1998	JAN/1997
	# OBS	11839	10944	11973	11710	11949	11807	13274	12914	12367	13201	12950	12038	146966

STATION: 46022 -- POR (2/1989 - 3/1993)

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1989	MEAN	-	4.1	7.7	9.3	9.9	10.9	12.0	11.9	10.7	10.3	9.1	8.3	9.5
	MAXIMUM	-	11.1	11.0	12.4	13.9	13.9	14.9	14.7	13.2	13.1	12.2	13.3	14.9
	DAY-HR	-	22-13	06-04	09-22	05-21	14-23	17-01	03-00	30-01	01-00	13-00	05-16	JUL
	MINIMUM	-	-9.0	-0.9	4.5	4.8	8.5	9.9	10.1	7.9	4.3	2.7	3.3	-9.0
	DAY-HR	-	06-21	03-21	23-22	18-08	22-05	02-15	23-11	08-17	29-14	29-22	11-13	FEB
	# OBS	-	670	736	719	741	713	688	735	715	739	718	738	7912
1990	MEAN	7.2	5.3	6.7	6.2	5.8	-	-	-	14.3	10.5	7.9	-	7.8
	MAXIMUM	12.4	10.4	10.6	10.1	9.3	-	-	-	16.6	14.6	10.6	-	16.6
	DAY-HR	08-03	24-01	02-21	11-21	05-03	-	-	-	16-23	01-22	08-19	-	SEP
	MINIMUM	1.8	-5.3	1.1	0.0	-1.9	-	-	-	10.5	6.1	5.2	-	-5.3
	DAY-HR	31-11	14-14	08-13	28-18	29-06	-	-	-	21-16	11-19	06-20	-	FEB
	# OBS	743	670	467	239	227	-	-	-	364	363	93	-	3166
1991	MEAN	-	8.2	5.5	6.8	7.5	8.8	10.3	11.9	11.0	10.2	8.7	7.1	8.8
	MAXIMUM	-	10.1	11.6	10.2	11.4	12.9	12.7	14.3	14.6	13.8	12.7	10.3	14.6
	DAY-HR	-	26-02	04-13	05-14	07-01	29-01	01-04	31-21	01-02	11-00	12-23	18-08	SEP
	MINIMUM	-	5.6	0.0	1.1	4.6	4.5	8.2	10.1	7.4	5.7	2.2	2.4	0.0
	DAY-HR	-	26-15	05-12	11-09	10-00	04-18	06-15	25-17	23-13	29-00	30-12	20-18	MAR

	# OBS	-	290	741	719	742	718	744	735	719	739	718	739	7604
1992	MEAN	7.6	8.9	9.3	9.8	10.6	11.1	12.7	11.3	7.3	-	-	5.8	9.9
	MAXIMUM	11.1	12.3	11.7	14.0	13.9	14.0	15.0	15.5	11.8	-	-	10.1	15.5
	DAY-HR	29-00	25-20	20-20	29-05	25-01	30-23	21-18	08-02	01-00	-	-	31-11	AUG
	MINIMUM	3.1	3.5	5.6	2.5	6.2	8.9	10.2	6.0	5.0	-	-	-0.5	-0.5
	DAY-HR	18-20	04-17	30-14	05-08	20-18	07-18	30-15	30-11	04-07	-	-	30-07	DEC
	# OBS	738	686	736	717	740	715	738	738	107	-	-	341	6256
1993	MEAN	5.5	5.7	5.9	-	-	-	-	-	-	-	-	-	5.7
	MAXIMUM	12.1	11.3	10.0	-	-	-	-	-	-	-	-	-	12.1
	DAY-HR	20-13	08-11	10-20	-	-	-	-	-	-	-	-	-	JAN
	MINIMUM	-1.5	-2.4	-4.8	-	-	-	-	-	-	-	-	-	-4.8
	DAY-HR	12-14	25-05	25-04	-	-	-	-	-	-	-	-	-	MAR
	# OBS	722	631	686	-	-	-	-	-	-	-	-	-	2039
POR	MEAN	6.8	6.2	7.0	8.4	9.0	10.3	11.7	11.7	11.3	10.3	8.8	7.4	8.9
	MAXIMUM	12.4	12.3	11.7	14.0	13.9	14.0	15.0	15.5	16.6	14.6	12.7	13.3	16.6
	YEAR	1990	1992	1992	1992	1992	1992	1992	1992	1990	1990	1991	1989	SEP/1990
	MINIMUM	-1.5	-9.0	-4.8	0.0	-1.9	4.5	8.2	6.0	5.0	4.3	2.2	-0.5	-9.0
	YEAR	1993	1989	1993	1990	1990	1991	1991	1992	1992	1989	1991	1992	FEB/1989
	# OBS	2203	2947	3366	2394	2450	2146	2170	2208	1905	1841	1529	1818	26977

STATION: 46022 -- POR (1/1982 - 12/2001)

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1982	MEAN	1019.3	1019.8	1014.5	1018.0	1017.8	1015.7	1018.0	1017.8	1016.3	1017.5	1014.7	1017.4	1017.1
	MAXIMUM	1032.2	1031.1	1026.6	1031.6	1023.7	1021.5	1024.0	1023.2	1022.8	1027.8	1026.1	1034.1	1034.1
	DAY-HR	23-20	01-19	20-09	18-20	07-06	05-06	28-19	05-23	04-18	27-19	12-09	24-17	DEC
	MINIMUM	1000.3	1003.6	998.4	998.3	1009.0	1008.4	1011.4	1012.8	1010.4	1005.1	986.3	992.9	986.3
	DAY-HR	20-22	16-01	29-17	11-03	25-13	18-03	17-13	13-12	15-03	25-21	30-12	22-22	NOV
	# OBS	316	668	700	719	739	716	743	744	718	741	720	743	8267
1983	MEAN	1015.4	1010.3	1009.6	1015.4	1018.3	1017.0	1017.9	1016.6	1014.7	1017.5	1014.3	1017.3	1015.4
	MAXIMUM	1032.3	1025.4	1027.0	1027.6	1027.9	1022.7	1027.5	1021.9	1021.8	1025.0	1029.9	1030.9	1032.3
	DAY-HR	09-19	19-18	31-19	03-18	02-20	19-06	10-06	05-22	10-05	11-17	26-18	31-18	JAN
	MINIMUM	988.5	989.4	987.6	1003.0	1007.8	1008.0	1009.7	1007.9	1003.6	1008.1	989.4	992.7	987.6
	DAY-HR	26-21	28-23	02-11	18-14	05-14	07-14	01-14	31-13	30-08	01-00	10-17	09-17	MAR
	# OBS	739	669	744	712	742	715	744	744	718	740	719	635	8621
1984	MEAN	1023.9	1019.9	1019.8	1019.9	1020.1	1018.1	1015.6	1017.0	1015.4	1018.3	1015.5	1018.3	1018.5
	MAXIMUM	1034.4	1029.0	1030.2	1030.1	1026.9	1025.4	1022.5	1023.9	1022.1	1028.6	1026.5	1030.1	1034.4
	DAY-HR	24-18	17-19	18-05	21-18	23-20	08-08	25-19	31-18	01-05	13-20	19-07	31-07	JAN
	MINIMUM	1011.9	1008.2	999.4	1008.0	1009.6	1003.7	1008.4	1010.7	1008.2	1003.3	997.0	1006.9	997.0
	DAY-HR	14-04	13-13	13-13	18-13	01-18	06-11	22-13	25-17	22-11	16-21	27-16	25-23	NOV
	# OBS	740	667	737	718	734	716	741	740	717	744	715	566	8535
1985	MEAN	1022.3	1021.9	1020.0	1020.0	1017.7	1016.9	1016.5	1017.2	1015.5	1017.4	1018.1	1021.5	1018.7
	MAXIMUM	1029.8	1030.0	1033.2	1030.8	1025.8	1023.5	1023.6	1021.9	1022.8	1024.6	1029.9	1029.4	1033.2
	DAY-HR	11-19	24-20	30-19	24-19	03-22	08-07	10-19	27-22	14-21	12-19	19-18	13-15	MAR
	MINIMUM	1010.3	1006.2	999.9	1007.9	1009.6	1009.0	1010.3	1010.0	1010.2	999.2	993.3	985.7	985.7
	DAY-HR	07-07	08-02	26-20	21-11	15-21	21-11	25-06	16-13	17-13	20-23	29-14	02-15	DEC
	# OBS	740	671	736	718	741	720	741	741	716	741	719	741	8725
1986	MEAN	1017.1	1013.6	1016.6	1019.6	1017.3	1016.3	1018.2	1015.4	1014.7	1017.2	1021.1	-	1016.7
	MAXIMUM	1029.5	1026.8	1030.5	1030.1	1023.9	1026.0	1025.0	1021.0	1021.7	1024.7	1026.4	-	1030.5
	DAY-HR	06-18	04-20	21-19	18-05	22-06	18-22	20-00	18-22	29-19	31-07	06-19	-	MAR
	MINIMUM	997.9	985.7	995.1	1010.8	1010.6	1007.9	1011.2	1008.4	1000.0	1011.1	1016.4	-	985.7
	DAY-HR	31-14	15-00	10-12	15-03	30-12	26-12	22-09	14-12	24-15	23-11	04-04	-	FEB
	# OBS	741	666	735	717	706	718	744	739	716	740	149	-	7371
1987	MEAN	-	-	1021.1	1019.6	1017.6	1017.7	1016.4	1016.3	1017.5	1015.3	1020.2	1018.2	1018.0
	MAXIMUM	-	-	1027.8	1027.6	1024.9	1025.1	1021.1	1021.4	1024.9	1018.0	1032.1	1034.7	1034.7
	DAY-HR	-	-	27-09	19-16	31-23	01-07	07-21	23-19	15-18	29-04	25-19	11-19	DEC
	MINIMUM	-	-	1007.1	1007.4	1012.3	1013.2	1011.0	1010.4	1011.7	1011.4	1009.2	994.0	994.0
	DAY-HR	-	-	21-22	30-13	19-12	11-13	15-09	03-12	13-12	31-23	30-10	06-11	DEC
	# OBS	-	-	241	715	741	717	743	741	399	76	717	743	5833
1988	MEAN	1020.8	1023.9	1024.0	1017.1	1019.4	1018.0	1017.9	1014.9	1015.4	1018.2	1018.3	1021.8	1019.0
	MAXIMUM	1034.3	1033.3	1036.1	1029.8	1033.1	1024.7	1023.7	1020.7	1021.3	1026.3	1032.3	1031.7	1036.1
	DAY-HR	21-18	09-20	09-20	30-22	01-19	29-06	16-23	25-17	22-19	15-17	29-08	07-05	MAR
	MINIMUM	1003.5	1012.1	1015.4	1002.0	1009.2	1012.6	1012.9	1006.8	1008.6	1009.5	1001.6	1005.5	1001.6
	DAY-HR	17-13	28-12	15-22	20-02	28-15	14-13	19-12	31-12	01-09	27-12	13-15	24-14	NOV
	# OBS	744	694	436	716	740	718	741	741	594	719	718	742	8303
1989	MEAN	1024.6	1022.6	1016.9	1017.9	1019.7	1016.8	1019.9	1015.8	1014.5	1018.2	1020.7	1022.6	1019.2

	MAXIMUM	1037.5	1031.6	1029.3	1030.2	1026.4	1024.5	1025.1	1021.9	1022.3	1027.8	1030.1	1031.7	1037.5
	DAY-HR	11-19	11-19	29-19	04-09	18-22	20-17	08-06	13-08	30-20	28-06	27-11	23-19	JAN
	MINIMUM	1012.1	1010.9	996.5	1009.6	1012.5	1004.8	1013.9	1008.1	1006.9	1002.2	1004.2	1013.2	996.5
	DAY-HR	23-06	18-18	02-13	25-00	15-09	23-12	22-12	17-08	17-11	23-09	25-20	17-15	MAR
	# OBS	743	670	738	720	741	717	742	735	716	739	718	738	8717
1990	MEAN	1020.3	1022.2	1019.6	1018.9	1016.1	1018.1	1016.4	-	1016.8	1019.7	1023.2	1026.9	1020.4
	MAXIMUM	1032.5	1031.2	1027.3	1026.5	1021.9	1023.8	1020.5	-	1020.3	1025.1	1030.7	1033.4	1033.4
	DAY-HR	04-18	10-06	06-10	26-09	06-06	12-18	02-21	-	26-18	09-18	08-19	02-18	DEC
	MINIMUM	1000.9	1003.9	1010.5	1007.9	1003.0	1009.4	1011.5	-	1010.0	1008.1	1012.0	1017.9	1000.9
	DAY-HR	12-21	01-01	10-23	23-12	27-12	21-12	08-12	-	21-01	31-00	25-13	09-00	JAN
	# OBS	743	670	467	239	245	237	110	-	364	742	719	193	4729
1991	MEAN	-	1018.9	1012.7	1021.2	1019.2	1017.5	1016.7	1017.4	1015.2	1016.6	1022.1	1018.6	1017.7
	MAXIMUM	-	1031.9	1027.3	1031.2	1024.3	1022.8	1021.2	1022.1	1019.4	1025.0	1031.0	1030.4	1031.9
	DAY-HR	-	19-21	07-18	10-18	05-23	16-22	17-19	22-14	30-23	30-19	21-19	19-19	FEB
	MINIMUM	-	990.2	985.9	1012.7	1012.6	1009.3	1010.1	1011.8	1007.8	998.8	1005.9	1000.7	985.9
	DAY-HR	-	28-23	01-14	20-12	30-00	28-12	06-11	06-13	06-03	26-14	17-03	27-22	MAR
	# OBS	-	290	740	719	741	718	744	735	719	739	717	739	7601
1992	MEAN	1018.2	1013.5	1013.9	1017.7	1016.4	1014.3	1016.2	1017.2	1015.8	1015.2	1021.7	1016.3	1016.4
	MAXIMUM	1027.3	1030.0	1025.1	1026.6	1023.0	1022.9	1020.3	1021.9	1022.6	1023.9	1031.5	1031.4	1031.5
	DAY-HR	16-09	22-19	10-20	18-06	01-19	13-06	23-05	01-19	04-20	22-20	27-19	22-19	NOV
	MINIMUM	987.5	993.9	1002.8	1006.1	1009.6	1004.8	1009.2	1010.7	1008.7	995.5	1008.9	994.1	987.5
	DAY-HR	05-09	10-11	01-09	12-01	06-00	29-23	04-03	24-13	21-10	29-13	22-03	28-23	JAN
	# OBS	737	686	736	717	740	715	738	739	717	738	708	725	8696
1993	MEAN	1014.4	1013.1	1019.2	-	1011.6	1016.9	1017.0	1015.5	1016.4	1017.2	1019.7	1016.3	1016.4
	MAXIMUM	1031.6	1024.8	1031.9	-	1015.7	1023.8	1023.1	1020.5	1022.1	1022.0	1029.1	1032.3	1032.3
	DAY-HR	22-19	12-20	05-19	-	29-06	23-06	31-06	10-22	27-19	19-17	24-04	02-19	DEC
	MINIMUM	995.3	990.7	1007.9	-	1007.6	1006.4	1009.0	1008.4	1008.8	1009.8	1007.5	999.6	990.7
	DAY-HR	07-13	19-15	17-15	-	23-14	05-11	08-10	03-10	13-17	11-01	28-21	11-14	FEB
	# OBS	723	630	686	-	215	709	734	733	712	738	713	341	6934
1994	MEAN	-	-	1025.5	1018.5	1016.9	1018.6	1016.3	1017.5	1016.1	1016.2	1019.0	1017.8	1017.5
	MAXIMUM	-	-	1027.7	1026.0	1022.2	1023.7	1021.0	1021.3	1021.9	1025.6	1030.3	1032.9	1032.9
	DAY-HR	-	-	31-07	01-05	12-22	23-21	25-22	14-20	14-22	30-19	28-19	08-19	DEC
	MINIMUM	-	-	1023.2	1002.2	1008.1	1013.1	1009.7	1013.2	1011.4	1000.8	1002.1	1001.3	1000.8
	DAY-HR	-	-	30-02	25-15	15-07	13-12	08-10	23-13	21-12	04-05	09-07	24-05	OCT
	# OBS	-	-	51	716	733	714	728	737	713	734	708	726	6560
1995	MEAN	1009.8	1019.7	1014.1	1018.3	1016.4	1018.9	1017.3	1015.2	1016.5	1018.5	1021.2	1017.9	1016.8
	MAXIMUM	1022.2	1029.7	1027.7	1029.9	1022.5	1027.6	1022.4	1020.8	1024.1	1025.6	1030.3	1028.4	1030.3
	DAY-HR	29-19	19-07	15-17	09-19	10-07	06-06	13-05	29-19	05-19	12-19	27-06	31-19	NOV
	MINIMUM	991.6	1004.8	987.8	1005.8	1004.1	1013.4	1010.2	1008.1	1011.0	1009.8	1012.6	982.1	982.1
	DAY-HR	09-21	13-12	10-17	07-02	13-12	08-00	31-14	09-13	09-12	28-22	21-04	12-15	DEC
	# OBS	728	662	735	712	741	243	617	735	707	734	700	735	8049
1996	MEAN	1018.7	1014.7	1018.7	1020.0	1018.4	-	-	-	-	-	-	-	1018.1
	MAXIMUM	1030.7	1026.2	1027.7	1029.5	1025.8	-	-	-	-	-	-	-	1030.7
	DAY-HR	10-18	06-20	15-20	26-19	10-07	-	-	-	-	-	-	-	JAN
	MINIMUM	997.4	993.2	996.2	1001.8	1003.5	-	-	-	-	-	-	-	993.2
	DAY-HR	16-18	20-05	05-01	16-07	17-16	-	-	-	-	-	-	-	FEB
	# OBS	737	687	738	734	450	-	-	-	-	-	-	-	3346
1997	MEAN	1017.4	1022.2	1021.0	1019.6	1017.0	1016.0	1016.4	1015.9	1013.9	1017.2	1013.2	1019.5	1017.4
	MAXIMUM	1029.5	1032.3	1029.9	1030.7	1024.2	1022.5	1021.7	1022.3	1026.0	1027.6	1027.2	1035.6	1035.6
	DAY-HR	06-18	13-19	09-20	01-19	06-18	23-17	01-07	05-05	27-07	12-18	20-18	27-19	DEC
	MINIMUM	994.0	1006.0	1004.3	1010.0	1011.3	1005.8	1011.0	1007.5	1005.1	1004.1	991.6	996.6	991.6
	DAY-HR	26-08	27-14	16-16	19-02	20-13	03-14	27-09	09-08	25-03	01-19	26-14	07-12	NOV
	# OBS	651	651	739	708	731	710	726	729	704	737	700	737	8523
1998	MEAN	1011.8	1007.7	1015.6	-	-	-	1017.0	1017.1	1012.3	1017.4	1016.1	1024.2	1015.6
	MAXIMUM	1022.0	1025.9	1025.8	-	-	-	1022.1	1021.5	1021.5	1024.0	1027.3	1033.7	1033.7
	DAY-HR	05-19	28-20	09-19	-	-	-	11-23	03-01	18-22	25-18	19-18	09-08	DEC
	MINIMUM	994.5	977.2	1000.4	-	-	-	1013.3	1010.5	1004.0	1008.9	994.4	1002.2	977.2
	DAY-HR	29-05	03-06	23-12	-	-	-	20-13	31-12	03-10	24-11	30-11	01-00	FEB
	# OBS	716	655	575	-	-	-	736	781	715	726	715	711	6330
1999	MEAN	1019.7	1018.8	1016.2	1019.1	1019.6	1017.7	1017.2	1017.0	1014.7	1018.6	1018.2	1025.7	1018.8
	MAXIMUM	1031.9	1032.2	1027.9	1030.3	1027.8	1024.2	1023.9	1023.7	1023.4	1028.3	1032.2	1033.4	1033.4
	DAY-HR	27-19	02-06	01-22	09-19	07-18	06-20	07-18	31-06	25-18	29-11	24-19	24-15	DEC
	MINIMUM	1004.4	1000.9	1003.7	1006.0	1009.0	1012.4	1010.1	1009.3	1009.0	1004.6	999.8	1012.7	999.8
	DAY-HR	20-19	06-15	03-00	05-18	03-11	21-13	14-08	10-14	19-01	27-23	08-03	09-03	NOV
	# OBS	741	658	721	718	743	719	739	327	471	717	673	740	7967
2000	MEAN	1020.1	-	-	-	-	1016.0	1018.4	1017.1	1015.2	1015.7	1020.6	1021.4	1018.1
	MAXIMUM	1033.2	-	-	-	-	1024.2	1024.6	1023.5	1023.6	1026.7	1028.8	1033.3	1033.3
	DAY-HR	05-08	-	-	-	-	13-10	18-21	16-06	05-19	31-19	24-11	17-18	DEC
	MINIMUM	998.0	-	-	-	-	1004.7	1013.6	1009.4	1003.8	1003.0	1003.4	1008.9	998.0
	DAY-HR	16-06	-	-	-	-	17-06	07-14	28-10	22-09	28-10	29-10	21-15	JAN
	# OBS	562	-	-	-	-	591	728	736	715	729	710	742	5513
2001	MEAN	1019.2	1015.0	1019.1	1019.3	1018.8	1019.1	1016.9	1017.6	1015.2	1018.1	1016.3	1017.2	1017.7

	MAXIMUM	1032.0	1029.9	1028.6	1028.4	1029.4	1024.1	1022.0	1022.8	1019.8	1026.1	1026.3	1032.2	1032.2
	DAY-HR	30-06	03-07	26-20	23-08	01-18	28-22	28-20	18-20	05-19	12-19	27-11	07-06	DEC
	MINIMUM	990.1	1000.1	994.0	1007.7	1011.1	1007.2	1009.6	1010.3	1009.1	1004.8	995.1	994.4	990.1
	DAY-HR	10-23	24-21	05-01	20-15	11-13	27-01	25-10	29-12	08-10	30-15	24-15	02-21	JAN
	# OBS	718	665	728	716	738	715	739	740	703	743	718	742	8665
POR	MEAN	1018.4	1017.5	1017.0	1018.8	1018.0	1017.1	1017.2	1016.6	1015.3	1017.5	1018.5	1019.8	1017.6
	MAXIMUM	1037.5	1033.3	1036.1	1031.6	1033.1	1027.6	1027.5	1023.9	1026.0	1028.6	1032.3	1035.6	1037.5
	YEAR	1989	1988	1988	1982	1988	1995	1983	1984	1997	1984	1988	1997	JAN/1989
	MINIMUM	987.5	977.2	985.9	998.3	1003.0	1003.7	1008.4	1006.8	1000.0	995.5	986.3	982.1	977.2
	YEAR	1992	1998	1991	1982	1990	1984	1984	1988	1986	1992	1982	1995	FEB/1998
	# OBS	11819	10959	11983	11714	11961	11808	13278	12917	12534	13317	12956	12039	147285

STATION: 46022 -- POR (1/1982 - 12/2001)

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

ELEMENT: AVERAGE WIND SPEED (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1982	MEAN	13.7	13.5	11.9	13.7	14.2	8.5	7.9	5.6	7.7	9.2	10.2	13.4	10.6
	MAXIMUM	30.3	30.9	34.0	33.8	30.1	25.7	21.6	17.7	24.5	33.0	30.1	40.4	40.4
	DAY-HR	26-04	13-16	01-06	11-17	04-07	26-00	16-09	19-04	11-04	22-08	30-12	16-07	DEC
	MINIMUM	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
	DAY-HR	20-21	28-05	24-17	28-15	29-17	20-20	20-16	31-13	26-19	27-22	15-07	29-20	DEC
	# OBS	316	668	700	718	739	682	741	741	718	740	720	743	8226
1983	MEAN	12.2	16.6	15.8	12.9	12.4	11.8	10.5	9.8	11.9	8.3	16.6	14.7	12.7
	MAXIMUM	39.9	38.7	37.9	30.7	29.5	26.4	31.7	23.7	25.5	25.9	46.9	44.1	46.9
	DAY-HR	26-15	18-08	24-05	24-15	31-13	01-05	15-05	29-22	28-00	29-20	10-17	07-21	NOV
	MINIMUM	0.0	0.2	0.4	0.2	0.0	0.0	0.6	0.0	0.0	0.2	0.4	0.2	0.0
	DAY-HR	14-02	13-19	11-11	30-18	28-19	29-13	16-19	28-04	23-18	29-02	07-19	16-11	SEP
	# OBS	739	670	740	712	742	715	742	744	717	736	714	389	8360
1984	MEAN	-	12.6	12.4	13.3	11.6	11.3	11.5	8.6	9.0	12.2	14.1	8.9	11.4
	MAXIMUM	-	34.8	37.1	31.1	30.3	27.0	25.9	22.0	25.5	28.0	41.6	25.7	41.6
	DAY-HR	-	13-09	16-20	25-03	01-19	01-00	12-12	19-16	22-00	17-01	27-15	30-09	NOV
	MINIMUM	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	27-05	23-18	29-20	20-06	27-05	25-18	29-02	26-11	22-18	17-02	29-05	DEC
	# OBS	-	666	737	715	734	715	741	740	717	743	715	566	7789
1985	MEAN	7.5	13.0	11.0	-	8.7	11.1	7.7	8.2	8.0	9.4	10.1	8.0	9.3
	MAXIMUM	24.7	29.9	30.9	-	25.3	25.5	24.1	21.8	22.0	31.3	27.4	38.5	38.5
	DAY-HR	30-13	02-02	02-04	-	14-22	24-09	14-10	10-12	18-11	22-11	28-08	02-15	DEC
	MINIMUM	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	24-06	15-03	31-10	-	27-22	29-18	31-16	29-20	29-21	30-20	27-17	23-01	DEC
	# OBS	740	671	736	-	741	720	741	741	716	741	719	741	8007
1986	MEAN	13.1	12.8	11.0	12.5	10.2	9.4	9.8	8.4	7.8	9.0	10.8	-	10.4
	MAXIMUM	33.4	36.2	29.7	31.7	22.6	23.1	25.1	21.0	19.8	28.0	30.7	-	36.2
	DAY-HR	15-05	15-01	07-09	23-06	09-05	23-08	13-11	03-10	24-02	02-03	06-04	-	FEB
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	DAY-HR	26-00	27-15	26-20	28-01	26-00	28-04	19-16	27-18	30-02	27-21	04-04	-	NOV
	# OBS	741	666	735	717	707	718	743	737	716	740	149	-	7369
1987	MEAN	-	-	13.4	10.0	10.6	10.8	7.8	8.6	7.8	8.7	11.7	18.7	11.0
	MAXIMUM	-	-	23.9	28.2	27.0	23.1	22.2	20.0	21.4	21.0	31.3	45.1	45.1
	DAY-HR	-	-	23-07	30-13	19-18	04-21	16-19	13-09	13-10	30-20	30-10	06-11	DEC
	MINIMUM	-	-	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.0	0.0
	DAY-HR	-	-	30-06	26-16	08-08	30-04	23-14	09-22	04-14	29-09	22-06	31-22	NOV
	# OBS	-	-	241	715	741	717	743	741	399	76	716	743	5832
1988	MEAN	13.1	9.5	11.5	9.0	11.4	12.9	9.1	9.1	10.5	7.2	11.5	10.5	10.4
	MAXIMUM	34.2	29.2	27.8	26.4	25.9	28.0	22.7	22.9	29.5	25.3	31.7	30.5	34.2
	DAY-HR	14-21	16-07	30-09	28-21	23-11	02-16	21-13	20-08	18-01	13-13	02-23	14-19	JAN
	MINIMUM	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	24-15	21-08	03-08	26-17	30-19	10-04	26-17	24-19	24-09	31-04	30-20	17-13	DEC
	# OBS	744	694	436	715	740	718	741	740	594	719	718	740	8299
1989	MEAN	9.6	10.0	12.7	8.3	10.0	8.7	7.1	8.2	5.5	8.8	7.5	8.6	8.8
	MAXIMUM	24.5	25.5	37.5	24.7	22.4	25.1	20.4	21.2	18.3	32.1	21.8	25.9	37.5
	DAY-HR	13-13	22-09	09-16	01-21	22-22	30-00	09-11	20-12	06-09	23-09	14-12	29-00	MAR
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	20-04	24-13	29-15	29-06	27-11	26-04	31-02	31-07	30-18	31-18	23-03	31-12	DEC
	# OBS	743	670	738	720	741	717	742	735	716	739	718	739	8718
1990	MEAN	11.3	8.7	9.0	8.9	12.1	8.9	9.7	-	8.7	9.0	8.5	8.4	9.4
	MAXIMUM	32.7	30.9	26.0	26.2	29.2	22.2	21.0	-	23.3	30.3	27.0	25.3	32.7
	DAY-HR	07-08	03-19	08-03	30-03	08-00	13-21	05-00	-	21-22	31-00	26-03	04-13	JAN
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.2	0.0	0.0	0.6	0.0

YEAR	2000	1991	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	DEC/2001
# OBS	11101	10932	11634	10994	11963	11778	13275	12919	12551	13313	12955	11798	145213	

STATION: 46022 -- POR (1/1982 - 12/2001)

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

ELEMENT: PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1982	MEAN	18.1	17.2	15.6	17.7	18.2	10.6	9.8	7.0	9.6	11.6	12.7	16.9	13.5
	MAXIMUM	39.3	39.9	45.5	47.0	39.5	30.5	27.0	21.8	31.5	41.2	38.9	53.7	53.7
	DAY-HR	26-06	13-16	01-06	11-17	04-07	26-00	16-09	18-23	11-03	22-10	29-03	16-03	DEC
	# OBS	316	668	700	718	739	682	741	741	718	740	720	743	8226
1983	MEAN	15.4	20.5	19.4	15.7	15.1	14.1	12.5	12.3	15.1	10.8	20.8	18.1	15.7
	MAXIMUM	51.9	48.0	48.2	36.7	34.8	30.5	39.9	30.3	32.1	30.5	60.5	52.9	60.5
	DAY-HR	26-14	18-08	24-04	22-18	31-13	01-01	15-05	09-15	28-00	29-20	10-17	07-21	NOV
	# OBS	739	670	740	712	742	715	742	744	717	736	714	389	8360
1984	MEAN	-	16.3	15.4	16.6	14.2	14.1	14.5	10.7	11.2	15.2	18.2	11.4	14.4
	MAXIMUM	-	44.9	49.6	37.7	38.1	35.4	32.1	27.0	33.0	34.0	55.8	35.4	55.8
	DAY-HR	-	13-09	16-20	10-00	01-19	01-00	12-13	01-12	22-00	28-17	27-15	30-09	NOV
	# OBS	-	666	737	715	734	715	741	740	717	743	715	566	7789
1985	MEAN	9.6	16.6	14.3	-	10.9	13.9	9.8	10.4	10.1	11.9	12.9	10.5	11.9
	MAXIMUM	30.7	37.7	40.2	-	32.7	31.9	30.9	26.0	26.8	41.8	38.1	54.8	54.8
	DAY-HR	30-12	02-02	02-02	-	14-23	24-10	14-10	10-12	18-11	22-10	28-08	02-15	DEC
	# OBS	740	671	736	-	741	720	741	741	716	741	719	741	8007
1986	MEAN	16.5	16.2	13.9	15.6	12.6	11.7	12.2	10.6	9.8	11.6	13.6	-	13.1
	MAXIMUM	44.7	47.6	37.9	40.8	30.7	29.0	30.5	26.0	26.0	35.8	38.3	-	47.6
	DAY-HR	15-05	15-00	07-09	23-04	09-05	23-08	05-09	03-10	17-01	29-15	06-04	-	FEB
	# OBS	741	666	734	717	706	718	744	737	716	740	149	-	7368
1987	MEAN	-	-	17.4	13.2	13.8	14.0	10.2	11.3	10.1	10.8	14.9	23.8	14.2
	MAXIMUM	-	-	31.5	35.2	35.6	28.8	29.4	25.5	27.8	25.9	42.0	57.3	57.3
	DAY-HR	-	-	23-07	30-13	19-21	10-09	16-22	13-09	16-08	30-20	30-10	06-11	DEC
	# OBS	-	-	241	715	741	717	743	741	399	76	716	743	5832
1988	MEAN	16.7	12.6	14.7	11.4	14.2	15.8	11.2	11.4	13.2	9.2	14.7	13.5	13.2
	MAXIMUM	46.1	37.1	34.8	32.7	32.1	36.0	27.8	28.6	37.7	31.5	39.1	38.1	46.1
	DAY-HR	14-23	16-07	30-08	28-21	23-08	02-16	21-13	20-08	18-02	13-13	16-19	27-16	JAN
	# OBS	744	693	436	715	740	718	741	739	594	719	717	740	8296
1989	MEAN	12.4	12.7	15.9	10.4	12.6	11.0	8.9	10.2	7.2	11.0	9.5	10.9	11.1
	MAXIMUM	31.1	31.3	47.6	30.3	28.6	32.3	25.9	25.9	22.4	41.6	26.6	33.0	47.6
	DAY-HR	13-16	22-09	09-16	01-21	22-22	30-00	09-12	20-12	26-19	23-08	14-13	29-01	MAR
	# OBS	743	669	738	720	741	717	742	735	716	739	718	739	8717
1990	MEAN	14.3	11.8	11.6	11.0	15.0	11.1	12.0	-	10.9	11.4	10.8	10.6	11.9
	MAXIMUM	45.1	37.9	32.1	32.3	35.8	28.0	24.5	-	27.4	39.3	34.6	30.9	45.1
	DAY-HR	07-08	03-19	08-03	30-00	08-00	13-21	05-18	-	21-22	31-00	26-03	04-13	JAN
	# OBS	743	670	467	239	245	237	110	-	365	742	719	193	4730
1991	MEAN	-	8.5	19.2	12.9	14.4	12.0	11.1	11.8	9.0	10.3	11.9	12.7	12.1
	MAXIMUM	-	22.6	47.8	38.7	33.4	40.0	26.8	27.8	24.9	31.7	44.9	34.4	47.8
	DAY-HR	-	28-23	03-11	11-03	10-09	05-00	09-10	25-12	09-17	30-04	17-03	26-18	MAR
	# OBS	-	270	396	718	741	718	742	735	718	737	716	737	7228
1992	MEAN	15.3	15.5	13.3	14.8	13.1	13.0	10.2	9.0	11.5	10.9	12.1	17.7	13.0
	MAXIMUM	46.5	41.8	37.1	33.0	34.0	32.5	23.9	25.9	33.4	36.0	35.2	51.9	51.9
	DAY-HR	05-13	10-22	04-23	12-07	09-09	02-10	24-11	16-11	22-21	29-12	22-03	10-12	DEC
	# OBS	736	686	736	716	736	715	738	739	717	736	705	722	8682
1993	MEAN	12.9	14.6	12.8	-	14.6	13.8	11.7	11.8	9.1	8.3	14.2	20.8	12.6
	MAXIMUM	45.7	39.1	36.9	-	38.5	30.7	30.9	37.5	29.9	26.0	38.1	48.0	48.0
	DAY-HR	20-01	05-01	17-07	-	30-00	19-13	24-21	25-02	12-21	11-01	29-14	10-14	DEC
	# OBS	721	627	683	-	215	710	733	731	711	738	713	338	6920
1994	MEAN	-	-	8.4	15.5	13.6	13.4	14.5	7.6	8.6	11.7	16.5	18.2	13.2
	MAXIMUM	-	-	18.7	35.4	33.8	28.0	30.7	25.3	22.9	29.9	52.3	39.9	52.3
	DAY-HR	-	-	31-23	27-13	26-10	28-12	04-09	31-13	19-09	16-04	09-09	16-06	NOV
	# OBS	-	-	51	716	731	709	720	737	712	732	708	726	6542
1995	MEAN	22.5	12.1	18.0	14.5	16.4	13.8	10.5	10.7	8.6	11.9	11.3	17.2	14.1
	MAXIMUM	58.9	33.0	55.4	39.5	37.1	33.6	30.9	28.2	21.0	35.8	40.8	55.6	58.9
	DAY-HR	09-20	17-07	09-14	12-21	13-22	07-03	29-14	04-08	07-13	21-23	18-00	11-01	JAN
	# OBS	724	660	732	712	741	243	615	733	711	729	687	734	8021

1996	MEAN	16.4	17.8	16.5	15.5	16.6	-	-	-	-	-	-	-	16.5
	MAXIMUM	48.2	48.6	43.9	40.4	44.1	-	-	-	-	-	-	-	48.6
	DAY-HR	27-08	20-23	13-01	16-08	17-16	-	-	-	-	-	-	-	FEB
	# OBS	734	685	734	733	450	-	-	-	-	-	-	-	3336
1997	MEAN	15.5	15.1	16.1	14.7	11.2	12.4	10.5	8.7	12.9	14.6	15.9	18.3	13.8
	MAXIMUM	40.8	40.6	37.9	36.9	31.7	37.9	26.4	27.6	29.4	40.4	52.1	41.4	52.1
	DAY-HR	26-08	16-21	01-23	02-04	03-02	08-10	28-20	06-10	19-05	06-15	19-03	14-00	NOV
	# OBS	650	651	739	705	731	709	725	728	704	736	700	737	8515
1998	MEAN	21.2	23.6	16.1	-	-	-	10.6	11.3	11.9	11.8	17.1	18.6	15.6
	MAXIMUM	48.4	52.1	43.9	-	-	-	29.4	24.7	28.0	31.9	54.4	51.1	54.4
	DAY-HR	23-19	21-07	23-12	-	-	-	05-11	08-11	27-21	15-08	30-10	05-22	NOV
	# OBS	715	652	571	-	-	-	735	783	715	724	715	705	6315
1999	MEAN	16.8	20.3	16.9	17.7	14.7	12.6	10.8	9.2	12.0	11.0	16.5	12.9	14.5
	MAXIMUM	45.1	57.7	46.5	43.0	32.3	32.1	29.2	21.2	35.8	45.1	43.7	45.7	57.7
	DAY-HR	22-18	06-13	02-23	22-12	29-11	22-11	14-08	30-12	26-23	27-20	19-16	09-04	FEB
	# OBS	737	655	721	718	743	718	741	323	466	717	673	740	7952
2000	MEAN	17.4	-	-	-	-	12.9	9.9	9.9	9.4	11.7	11.2	11.0	11.5
	MAXIMUM	47.8	-	-	-	-	32.3	29.5	27.6	26.4	35.4	32.5	38.7	47.8
	DAY-HR	13-21	-	-	-	-	16-12	10-12	01-10	06-16	28-10	29-10	21-15	JAN
	# OBS	561	-	-	-	-	591	728	736	718	725	714	742	5515
2001	MEAN	16.5	17.8	15.9	13.7	14.3	13.3	13.9	9.8	10.1	12.3	16.1	19.3	14.4
	MAXIMUM	44.5	39.5	38.3	37.5	37.1	33.8	31.5	29.0	31.5	42.0	50.7	47.6	50.7
	DAY-HR	09-21	21-12	24-21	17-00	02-04	27-12	05-12	29-14	06-04	30-15	28-23	17-03	NOV
	# OBS	741	665	728	715	737	713	740	734	700	743	718	742	8676
POR	MEAN	16.0	16.1	15.6	14.6	14.1	13.0	11.3	10.3	10.5	11.5	14.3	15.7	13.5
	MAXIMUM	58.9	57.7	55.4	47.0	44.1	40.0	39.9	37.5	37.7	45.1	60.5	57.3	60.5
	YEAR	1995	1999	1995	1982	1996	1991	1983	1993	1988	1999	1983	1987	NOV/1983
	# OBS	11085	10924	11620	10984	11954	11765	13262	12897	12530	13293	12936	11777	145027

STATION: 46022 -- POR (5/1997 - 12/2001)

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

ELEMENT: HOURLY PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1997	MEAN	-	-	-	-	12.1	13.7	11.9	10.1	14.3	16.3	17.7	20.3	14.7
	MAXIMUM	-	-	-	-	23.7	39.7	27.6	28.6	32.5	40.4	56.6	49.4	56.6
	DAY-HR	-	-	-	-	26-19	08-10	28-15	06-13	13-23	06-14	19-02	14-04	NOV
	MINIMUM	-	-	-	-	2.7	2.9	1.2	1.6	1.7	3.3	2.9	4.9	1.2
	DAY-HR	-	-	-	-	29-08	02-17	31-08	18-18	21-07	15-22	12-02	09-23	JUL
	# OBS	-	-	-	-	401	707	722	706	706	736	700	737	5415
1998	MEAN	23.6	26.3	17.8	-	-	7.0	12.0	13.0	13.4	13.3	19.0	20.6	17.5
	MAXIMUM	49.6	52.1	53.7	-	-	7.0	29.4	26.8	31.1	37.5	60.1	51.1	60.1
	DAY-HR	23-20	21-06	23-13	-	-	30-23	05-10	08-09	27-23	24-11	30-18	05-21	NOV
	MINIMUM	2.5	4.9	3.1	-	-	7.0	1.0	2.3	2.5	2.5	3.1	4.5	1.0
	DAY-HR	12-02	28-17	01-09	-	-	30-23	10-15	29-02	25-15	01-17	13-07	30-17	JUL
	# OBS	715	650	569	-	-	1	734	782	716	713	726	704	6310
1999	MEAN	18.7	22.7	19.0	19.7	16.3	14.0	12.2	10.4	13.5	12.5	18.7	14.7	16.4
	MAXIMUM	50.3	57.7	49.0	44.3	32.7	34.2	30.1	21.4	35.6	47.4	43.5	48.0	57.7
	DAY-HR	22-18	06-12	30-19	03-16	29-13	22-10	14-10	30-01	26-22	27-22	19-15	09-02	FEB
	MINIMUM	1.6	3.9	4.5	2.1	1.7	1.7	1.2	1.2	1.6	1.9	1.0	1.4	1.0
	DAY-HR	10-08	14-20	26-03	30-23	17-03	13-14	28-18	02-05	02-13	24-13	28-04	24-05	NOV
	# OBS	761	654	721	718	743	717	740	300	450	716	673	739	7932
2000	MEAN	19.4	-	-	-	-	14.4	11.4	11.3	10.8	13.3	12.8	12.7	13.0
	MAXIMUM	51.7	-	-	-	-	36.4	32.5	31.3	28.2	42.4	41.2	39.5	51.7
	DAY-HR	14-00	-	-	-	-	16-16	10-11	01-10	06-16	28-10	29-11	14-02	JAN
	MINIMUM	2.1	-	-	-	-	0.0	1.2	0.0	0.0	1.4	0.4	1.6	0.0
	DAY-HR	23-00	-	-	-	-	26-23	17-04	24-07	28-12	13-04	18-02	08-07	SEP
	# OBS	547	-	-	-	-	591	717	734	718	724	712	741	5484
2001	MEAN	18.6	19.8	17.4	15.2	15.7	14.6	15.5	11.1	11.6	13.8	18.2	21.5	16.1
	MAXIMUM	44.5	41.0	39.5	40.0	39.7	34.6	34.0	31.3	33.6	43.9	52.7	51.9	52.7
	DAY-HR	09-21	06-18	24-22	16-23	02-06	27-12	04-14	29-10	06-03	30-14	19-20	02-20	NOV
	MINIMUM	4.1	2.9	1.6	0.0	1.9	1.6	1.4	1.0	1.7	1.0	2.7	2.5	0.0
	DAY-HR	21-23	04-18	18-08	19-05	14-04	28-11	12-09	21-01	23-13	05-16	27-22	29-18	APR
	# OBS	740	665	724	712	732	713	740	734	700	743	718	741	8662
POR	MEAN	20.1	22.9	18.1	17.5	15.2	14.2	12.6	11.3	12.7	13.9	17.3	17.9	15.7
	MAXIMUM	51.7	57.7	53.7	44.3	39.7	39.7	34.0	31.3	35.6	47.4	60.1	51.9	60.1
	YEAR	2000	1999	1998	1999	2001	1997	2001	2001	1999	1999	1998	2001	NOV/1998

MINIMUM	1.6	2.9	1.6	0.0	1.7	0.0	1.0	0.0	0.0	1.0	0.4	1.4	0.0
YEAR	1999	2001	2001	2001	1999	2000	1998	2000	2000	2001	2000	1999	APR/2001
# OBS	2763	1969	2014	1430	1876	2729	3653	3256	3290	3632	3529	3662	33803

STATION: 46022 -- POR (1/1982 - 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
1982	MEAN	3.5	2.4	2.9	2.7	2.2	1.6	1.8	1.3	1.9	2.4	2.5	3.3	2.3
	MAXIMUM	5.8	4.2	5.4	6.5	5.0	4.1	4.7	3.3	4.5	5.4	6.2	8.3	8.3
	DAY-HR	29-03	16-10	14-10	03-08	04-12	15-11	16-07	22-21	30-01	31-02	30-20	16-17	DEC
	# OBS	316	663	697	715	373	697	737	739	713	737	718	741	7846
1983	MEAN	3.4	4.0	3.2	2.2	1.8	2.1	1.5	1.6	2.1	1.8	3.8	2.8	2.5
	MAXIMUM	8.8	8.0	6.7	5.4	4.3	4.2	4.4	3.1	5.0	3.5	8.5	6.3	8.8
	DAY-HR	26-17	10-06	24-07	02-16	19-06	06-04	15-04	16-03	29-03	24-13	14-07	11-15	JAN
	# OBS	738	669	737	711	741	714	744	744	715	736	708	633	8590
1984	MEAN	2.3	3.3	2.9	2.9	2.1	2.0	2.3	1.2	-	-	-	2.3	2.4
	MAXIMUM	4.9	12.0	6.2	7.4	5.0	5.3	4.3	2.3	-	-	-	4.9	12.0
	DAY-HR	10-15	25-02	16-02	11-13	31-06	01-01	14-05	19-13	-	-	-	18-23	FEB
	# OBS	739	664	737	718	734	716	739	413	-	-	-	339	5799
1985	MEAN	2.5	2.8	3.4	2.1	1.7	2.3	1.6	1.8	2.0	2.4	2.4	2.5	2.3
	MAXIMUM	4.7	5.0	7.7	4.2	4.8	5.1	3.7	5.1	4.5	4.6	5.7	8.6	8.6
	DAY-HR	21-06	02-13	05-05	19-23	15-06	24-10	14-09	11-05	05-07	21-02	10-12	02-19	DEC
	# OBS	739	670	733	713	735	720	736	736	709	733	715	741	8680
1986	MEAN	3.2	3.4	2.8	2.8	2.2	1.9	2.1	1.8	1.9	2.3	2.8	-	2.4
	MAXIMUM	6.5	7.1	8.1	7.3	5.3	4.7	4.7	4.1	6.8	4.9	4.6	-	8.1
	DAY-HR	15-06	03-17	11-15	12-23	01-18	09-07	22-08	05-02	25-18	30-07	06-02	-	MAR
	# OBS	738	662	730	715	670	716	744	739	716	739	149	-	7318
1987	MEAN	-	-	2.4	2.5	2.4	2.2	1.6	2.0	1.7	2.2	2.9	3.9	2.4
	MAXIMUM	-	-	3.9	5.7	6.4	4.8	4.9	4.0	5.2	3.7	5.8	9.8	9.8
	DAY-HR	-	-	24-23	08-01	19-06	02-07	16-08	07-05	16-08	31-14	30-20	02-06	DEC
	# OBS	-	-	241	714	741	715	741	737	399	76	715	743	5822
1988	MEAN	3.2	2.6	3.0	2.5	2.2	2.0	1.8	1.9	2.1	-	-	4.0	2.4
	MAXIMUM	7.2	5.0	5.6	5.9	3.9	5.6	3.7	5.5	4.7	-	-	10.0	10.0
	DAY-HR	15-19	19-04	05-17	16-13	05-07	03-14	18-05	21-04	11-05	-	-	21-17	DEC
	# OBS	744	693	433	711	740	716	741	735	591	-	-	314	6418
1989	MEAN	3.1	2.2	2.6	2.0	2.1	2.2	1.6	1.7	1.7	2.0	2.2	2.4	2.2
	MAXIMUM	5.9	5.1	5.3	4.0	3.8	5.3	3.7	4.0	4.1	4.7	5.0	4.7	5.9
	DAY-HR	01-02	24-19	28-13	21-21	20-08	23-07	22-09	17-07	06-08	23-09	27-01	04-03	JAN
	# OBS	742	668	732	716	720	687	734	732	715	737	718	733	8634
1990	MEAN	3.5	3.3	2.8	1.9	2.5	2.0	1.7	-	2.3	2.9	2.8	3.4	2.9
	MAXIMUM	10.4	7.8	6.7	4.3	5.5	4.3	2.7	-	4.5	6.5	6.0	6.0	10.4
	DAY-HR	30-23	06-17	12-01	30-06	07-03	14-06	09-09	-	20-07	13-22	20-16	06-06	JAN
	# OBS	743	667	467	239	244	237	81	-	363	739	716	193	4689
1991	MEAN	-	2.0	3.2	2.3	2.4	2.1	2.0	1.7	2.1	2.2	2.8	3.1	2.4
	MAXIMUM	-	3.4	5.6	6.4	4.7	5.8	5.1	4.1	5.4	4.3	6.7	5.9	6.7
	DAY-HR	-	20-08	02-20	05-16	11-04	04-07	05-02	11-03	21-04	26-20	18-04	08-14	NOV
	# OBS	-	266	733	709	740	716	737	732	717	737	714	734	7535
1992	MEAN	3.4	2.8	2.6	2.2	2.0	1.9	1.8	1.5	1.9	2.3	2.5	3.3	2.3
	MAXIMUM	6.5	5.1	4.2	4.4	5.0	4.3	3.6	3.3	4.2	5.1	5.3	7.6	7.6
	DAY-HR	26-02	11-06	27-18	18-12	09-08	06-04	25-10	16-08	13-07	31-16	22-22	18-04	DEC
	# OBS	726	684	733	714	735	709	737	738	712	722	690	700	8600
1993	MEAN	2.4	2.6	2.6	-	1.6	1.8	2.2	1.9	1.5	1.6	2.5	4.1	2.2
	MAXIMUM	7.0	5.2	5.7	-	2.7	3.9	4.9	5.1	4.1	4.4	7.4	7.0	7.4
	DAY-HR	22-08	05-14	23-18	-	30-02	17-05	07-06	25-03	13-05	23-18	12-13	09-06	NOV
	# OBS	709	616	676	-	213	704	727	727	709	736	712	334	6863
1994	MEAN	-	-	2.2	2.6	2.2	1.7	2.2	1.4	1.8	2.4	3.5	3.5	2.4
	MAXIMUM	-	-	3.0	7.0	4.6	4.2	4.1	2.9	4.1	4.6	8.6	6.1	8.6
	DAY-HR	-	-	31-12	26-00	27-08	14-01	15-10	25-00	21-01	28-13	16-08	18-23	NOV
	# OBS	-	-	50	716	730	708	706	733	713	721	696	712	6485
1995	MEAN	3.6	2.3	2.9	2.5	2.3	2.1	1.6	1.7	1.8	2.5	2.5	3.6	2.5
	MAXIMUM	8.5	4.7	7.7	6.0	5.1	4.3	4.2	3.6	3.9	5.3	5.8	9.5	9.5
	DAY-HR	22-21	02-15	23-05	08-13	14-04	10-20	31-07	09-08	25-15	22-01	06-04	13-03	DEC
	# OBS	715	659	730	712	741	242	610	729	693	725	675	724	7955

1996	MEAN	2.9	3.1	2.5	2.8	1.8	-	-	-	-	-	-	-	2.7
	MAXIMUM	6.5	6.4	5.9	7.4	4.1	-	-	-	-	-	-	-	7.4
	DAY-HR	20-05	25-02	13-08	17-08	19-06	-	-	-	-	-	-	-	APR
	# OBS	732	682	728	731	443	-	-	-	-	-	-	-	3316
1997	MEAN	2.4	2.8	2.9	2.2	1.6	2.1	1.8	1.5	2.1	2.7	3.1	3.2	2.4
	MAXIMUM	5.3	5.6	6.3	4.4	3.0	4.9	4.1	4.2	6.2	8.4	9.5	6.1	9.5
	DAY-HR	07-19	28-06	02-21	02-07	15-06	08-09	26-08	08-18	27-08	09-09	19-21	24-23	NOV
	# OBS	621	651	738	704	728	708	723	731	708	737	700	737	8486
1998	MEAN	3.8	4.8	2.7	-	-	-	1.5	1.7	2.2	2.4	3.5	3.7	2.9
	MAXIMUM	8.1	8.8	5.7	-	-	-	3.1	3.2	4.4	5.0	8.7	7.8	8.8
	DAY-HR	20-00	02-17	23-14	-	-	-	24-08	08-05	13-04	25-13	30-23	01-00	FEB
	# OBS	717	648	568	-	-	-	693	536	708	712	700	704	5986
1999	MEAN	3.1	4.2	3.7	2.7	2.3	2.0	1.8	1.1	1.7	2.3	3.0	3.1	2.7
	MAXIMUM	7.9	8.0	7.6	7.7	5.3	3.9	4.7	2.1	4.3	10.7	7.0	6.7	10.7
	DAY-HR	27-03	16-23	30-02	06-03	30-04	22-14	14-08	30-21	07-03	28-14	19-16	10-06	OCT
	# OBS	738	658	721	717	743	717	740	277	290	605	673	740	7619
2000	MEAN	2.6	-	-	-	-	2.3	1.4	1.7	1.7	2.5	2.4	2.7	2.2
	MAXIMUM	5.5	-	-	-	-	6.0	3.3	3.8	4.3	7.5	5.9	9.1	9.1
	DAY-HR	16-22	-	-	-	-	16-10	10-10	03-05	21-04	29-14	30-16	22-08	DEC
	# OBS	561	-	-	-	-	585	718	735	716	726	709	740	5490
2001	MEAN	3.4	3.0	3.0	2.1	2.2	1.7	1.9	1.5	2.0	2.5	3.3	3.8	2.5
	MAXIMUM	7.0	7.1	7.2	4.4	6.3	3.1	4.3	3.5	4.6	8.2	9.0	8.4	9.0
	DAY-HR	26-07	10-00	11-23	10-04	02-06	27-05	25-23	08-09	27-06	23-22	21-16	23-07	NOV
	# OBS	739	664	723	709	731	713	738	729	698	743	715	742	8644
POR	MEAN	3.1	3.1	2.9	2.4	2.1	2.0	1.8	1.6	1.9	2.3	2.9	3.2	2.4
	MAXIMUM	10.4	12.0	8.1	7.7	6.4	6.0	5.1	5.5	6.8	10.7	9.5	10.0	12.0
	YEAR	1990	1984	1986	1999	1987	2000	1991	1988	1986	1999	1997	1988	FEB/1984
	# OBS	11757	10884	11907	11664	11502	11720	13126	12242	11585	11661	11423	11304	140775

STATION: 46022

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	0.3	0.1	0.1	*	*	0.1	0.1	0.1	*	0.1	0.1	0.1	0.1	1.3	139
1 - 3		0.6	0.7	0.7	1.0	1.0	0.9	0.8	0.6	0.4	0.5	0.4	0.5	8.1	901
4 - 6		1.5	1.7	1.2	1.3	2.0	2.5	1.3	1.0	0.6	0.5	0.4	0.8	14.8	1647
7 - 10		3.4	2.3	0.7	1.1	3.5	3.9	2.5	1.6	0.7	0.5	0.5	1.0	21.6	2396
11 - 15		5.2	1.1	0.1	0.3	3.2	2.7	4.2	2.1	0.6	0.5	0.5	1.3	21.8	2421
16 - 20		3.2	0.2	*	*	1.7	2.1	6.2	1.5	0.4	0.5	0.3	0.9	17.0	1887
21 - 24		0.9	*	-	-	0.5	1.6	4.0	0.6	0.1	0.1	0.1	0.2	8.2	906
25 - 33		0.3	-	-	-	0.2	2.0	3.6	0.2	0.1	*	*	0.1	6.4	715
34 - 47		-	-	-	-	-	0.3	0.5	*	-	-	*	-	0.8	87
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	15.2	6.0	2.9	3.7	12.1	16.0	23.1	7.7	2.9	2.7	2.4	5.0	100.0	
TOTAL N	37	1686	671	319	415	1343	1778	2565	851	321	300	262	551		11099

(* < 0.05%)

STATION: 46022

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	0.5	0.1	0.1	*	0.1	0.1	0.1	0.1	0.1	*	0.1	0.1	*	1.5	163
1 - 3		0.8	0.9	0.9	0.8	1.0	0.9	0.8	0.9	0.5	0.6	0.6	0.8	9.4	1029
4 - 6		1.8	1.7	1.2	1.1	1.8	2.1	1.2	1.0	0.7	0.5	0.7	1.0	14.9	1627
7 - 10		3.8	2.4	0.5	0.5	2.0	2.7	1.7	1.6	0.9	0.7	0.6	1.4	18.6	2035
11 - 15		6.0	1.1	0.1	0.2	1.9	2.2	3.6	2.4	0.7	0.6	0.7	1.4	20.9	2286
16 - 20		4.6	0.4	*	0.1	1.5	2.1	5.8	1.7	0.8	0.3	0.5	1.1	18.8	2050
21 - 24		1.7	*	-	*	0.5	1.8	3.9	0.8	0.1	0.1	*	0.4	9.3	1016
25 - 33		0.5	-	-	-	0.3	1.9	2.7	0.3	*	-	-	0.4	6.2	677
34 - 47		-	-	-	-	*	0.3	0.2	-	-	-	-	-	0.4	48
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	19.3	6.6	2.7	2.9	9.1	14.0	19.8	8.6	3.8	2.9	3.2	6.5	100.0	
TOTAL N	56	2107	718	294	317	999	1532	2169	945	415	319	346	714		10931

(* < 0.05%)

STATION: 46022

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	0.4	0.1	*	0.1	*	0.1	*	*	0.1	*	0.1	0.1	*	0.9	110
1 - 3		1.1	0.8	0.8	0.7	0.9	0.7	0.7	0.5	0.6	0.7	0.6	0.7	8.7	1009
4 - 6		2.1	1.6	1.0	0.9	1.5	1.4	0.9	1.1	0.9	0.8	0.8	1.6	14.6	1696
7 - 10		4.9	1.7	0.5	0.4	1.8	2.3	2.2	2.2	1.2	0.7	1.3	2.6	21.8	2535
11 - 15		7.4	0.6	0.1	0.1	1.4	1.9	3.7	2.0	0.9	0.6	0.6	2.7	21.9	2551
16 - 20		6.4	0.2	-	-	0.9	1.2	4.6	1.6	0.3	0.3	0.3	1.7	17.6	2046
21 - 24		2.1	-	-	-	0.3	0.8	3.3	0.5	0.1	*	0.1	0.9	8.3	961
25 - 33		0.9	-	-	-	0.1	1.2	2.8	0.1	0.1	*	-	0.5	5.6	657
34 - 47		-	-	-	-	*	0.2	0.4	-	-	-	-	0.1	0.6	69
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	25.0	5.0	2.4	2.1	6.9	9.7	18.7	7.9	4.1	3.2	3.7	10.9	100.0	
TOTAL N	44	2908	581	277	244	801	1125	2175	923	479	377	436	1264		11634

(* < 0.05%)

STATION: 46022

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	0.4	*	0.1	0.1	*	0.1	*	*	*	0.1	*	*	*	1.0	105
1 - 3		1.0	1.0	0.5	0.7	1.0	0.9	0.7	0.6	0.6	0.5	0.7	0.9	9.1	999
4 - 6		2.7	2.1	0.9	0.7	1.4	1.4	1.2	1.2	0.7	0.8	1.0	2.3	16.5	1814
7 - 10		7.1	2.1	0.4	0.2	1.1	1.2	2.0	2.0	0.9	0.8	1.2	4.0	23.0	2524
11 - 15		9.8	0.9	0.1	0.1	0.7	1.1	3.3	1.9	0.4	0.4	0.6	4.0	23.2	2550
16 - 20		7.0	0.2	-	*	0.2	0.7	3.0	1.2	0.3	0.1	0.1	2.6	15.4	1694
21 - 24		3.5	0.1	-	*	0.1	0.4	1.7	0.2	0.1	*	*	1.3	7.4	814
25 - 33		1.8	-	-	-	*	0.3	0.9	0.1	-	-	-	1.3	4.5	491
34 - 47		-	-	-	-	-	-	*	-	-	-	-	-	0.0	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	33.0	6.3	1.9	1.7	4.6	6.1	12.9	7.2	2.9	2.7	3.6	16.5	100.0	
TOTAL N	43	3627	698	212	189	511	672	1419	793	319	300	400	1811		10994

(* < 0.05%)

STATION: 46022

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

Month: MAY

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	*	0.1	0.1	0.1	0.1	*	0.1	0.1	*	0.1	*	*	1.2	141
1 - 3		1.1	0.8	0.7	0.5	0.5	0.6	0.6	0.5	0.6	0.6	0.7	1.0	8.2	979
4 - 6		3.6	1.6	0.6	0.3	0.6	0.9	1.2	1.1	0.9	0.8	0.9	2.7	15.2	1816
7 - 10		10.0	2.0	0.2	0.1	0.5	0.8	2.3	1.9	0.5	0.5	0.8	4.9	24.5	2936
11 - 15		14.2	0.8	*	-	0.2	0.4	2.6	1.4	0.3	0.1	0.2	5.1	25.3	3031
16 - 20		11.5	0.2	-	*	0.1	0.2	2.7	0.5	*	*	0.1	2.5	17.8	2134
21 - 24		3.6	*	-	*	*	0.9	0.1	-	-	*	1.2	5.8	692	
25 - 33		1.0	*	-	-	-	*	0.1	*	-	-	-	0.7	1.9	233
34 - 47		-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
> 48		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
TOTAL %	0.6	45.0	5.5	1.6	1.0	2.0	3.0	10.5	5.5	2.4	2.1	2.6	18.2	100.0	
TOTAL N	71	5389	660	188	116	242	364	1253	656	285	250	317	2173		11964

(* < 0.05%)

STATION: 46022

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	0.8	0.1	*	*	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.5	177
1 - 3		1.1	0.7	0.6	0.5	0.5	0.6	0.5	0.5	0.6	0.5	0.9	1.2	8.3	983
4 - 6		4.8	1.7	0.4	0.3	0.6	0.7	1.1	1.1	0.6	0.6	1.1	3.2	16.1	1893
7 - 10		11.2	1.5	0.1	0.1	0.2	0.7	1.5	1.3	0.4	0.3	1.0	7.1	25.3	2984
11 - 15		18.2	0.7	*	*	0.1	0.3	1.8	1.6	0.1	0.1	0.2	7.0	30.0	3535
16 - 20		10.2	0.1	-	*	*	0.1	1.3	0.6	-	-	*	2.7	14.9	1758
21 - 24		1.8	-	-	-	-	*	0.3	0.1	-	-	-	0.7	3.0	357
25 - 33		0.2	-	-	-	-	*	0.1	*	-	-	-	0.4	0.8	90
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.8	47.7	4.7	1.1	1.0	1.4	2.5	6.7	5.2	1.8	1.5	3.3	22.4	100.0	
TOTAL N	100	5612	557	129	113	161	292	789	612	209	179	385	2639		11777

(* < 0.05%)

STATION: 46022

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	0.8	0.1	0.1	0.1	*	0.1	*	0.1	0.1	0.1	0.1	0.1	*	1.6	215
1 - 3		2.2	1.5	0.7	0.7	0.6	0.5	0.7	0.6	0.6	0.7	0.9	1.5	11.3	1498
4 - 6		8.2	2.9	0.6	0.3	0.2	0.6	1.0	1.0	0.5	0.6	1.4	5.2	22.5	2991
7 - 10		16.0	1.7	0.1	*	*	0.3	0.8	1.1	0.2	0.1	0.6	8.3	29.2	3879
11 - 15		16.3	0.3	-	-	-	*	0.6	0.4	*	*	0.1	5.7	23.4	3110
16 - 20		7.4	*	-	-	-	-	0.2	0.1	-	-	*	2.3	10.0	1322
21 - 24		1.1	-	-	-	-	-	*	*	-	-	-	0.5	1.7	226
25 - 33		0.2	-	-	-	-	-	*	-	-	-	-	0.1	0.3	34
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
TOTAL %	0.8	51.5	6.5	1.5	1.1	0.9	1.4	3.4	3.3	1.3	1.5	3.0	23.6	100.0	
TOTAL N	107	6841	864	201	141	123	191	457	442	175	196	401	3137		13276

(* < 0.05%)

STATION: 46022

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	1.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	*	*	0.1	0.1	0.1	2.2	281
1 - 3		2.8	2.2	1.7	1.1	0.9	0.7	0.8	0.8	0.7	0.8	1.1	1.9	15.4	1987
4 - 6		8.0	3.3	1.2	0.7	0.8	0.8	1.1	1.0	0.7	0.6	1.3	5.0	24.4	3151
7 - 10		14.5	2.1	0.1	0.1	0.2	0.3	1.2	1.4	0.3	0.1	0.3	7.1	28.0	3609
11 - 15		14.1	0.4	*	-	*	0.1	1.3	1.1	*	*	*	4.9	21.9	2832
16 - 20		4.8	*	-	-	-	*	0.6	0.2	-	-	-	1.5	7.1	921
21 - 24		0.5	-	-	-	-	*	0.1	*	-	-	-	0.2	0.8	109
25 - 33		0.1	-	-	-	-	-	-	-	-	-	-	0.1	0.1	17
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.2	45.1	8.2	3.1	1.9	2.1	2.0	5.2	4.5	1.7	1.6	2.8	20.7	100.0	
TOTAL N	150	5818	1056	405	247	274	252	668	586	221	203	357	2670		12907

(* < 0.05%)

STATION: 46022

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	1.5	0.2	0.1	*	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	3.0	371
1 - 3		2.4	2.0	1.4	1.1	1.2	1.1	1.3	1.1	0.7	0.9	1.2	1.7	16.1	2026
4 - 6		6.3	3.5	1.4	0.9	1.1	1.4	1.6	1.5	0.6	0.6	1.2	3.2	23.3	2920
7 - 10		11.4	2.5	0.2	0.2	0.6	1.3	2.7	2.5	0.3	0.2	0.5	4.6	26.9	3380
11 - 15		12.3	0.7	-	-	0.1	0.4	2.4	1.5	0.1	-	*	3.0	20.5	2576
16 - 20		5.7	0.1	-	-	-	*	0.9	0.3	-	-	-	1.2	8.1	1014
21 - 24		1.0	*	-	-	-	*	0.1	0.1	-	-	-	0.4	1.6	207
25 - 33		0.3	-	-	-	-	-	*	-	-	-	-	0.1	0.4	50
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		*	-	-	-	-	-	-	-	-	-	*	*	0.1	7
TOTAL %	1.5	39.5	8.9	3.0	2.4	3.0	4.3	9.1	7.1	1.9	1.8	3.1	14.4	100.0	
TOTAL N	193	4957	1118	379	295	381	542	1145	889	233	231	385	1803		12551

(* < 0.05%)

STATION: 46022

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	0.8	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	2.2	292
1 - 3		2.1	2.0	1.8	1.7	1.3	1.2	1.0	0.9	0.8	0.9	1.2	1.6	16.4	2189
4 - 6		5.9	3.6	1.3	1.2	1.6	1.8	1.2	1.2	0.7	0.6	1.0	2.9	23.0	3065
7 - 10		10.4	2.7	0.3	0.2	0.8	1.6	1.9	1.5	0.3	0.2	0.4	3.1	23.5	3121
11 - 15		9.0	0.6	-	*	0.3	0.8	3.6	1.3	0.1	0.1	0.1	2.3	18.1	2414
16 - 20		4.8	0.1	-	*	0.1	0.4	3.8	0.8	*	*	-	1.6	11.5	1531
21 - 24		1.4	*	-	-	*	0.2	1.1	0.1	-	-	-	0.9	3.7	489
25 - 33		0.3	-	-	-	-	0.1	0.6	*	-	-	-	0.4	1.5	199
34 - 47		-	-	-	-	-	*	*	-	-	-	-	-	0.0	6
> 48		*	-	-	-	-	*	-	*	-	-	-	-	0.0	3

TOTAL %	0.8	34.2	9.0	3.5	3.4	4.2	6.1	13.4	5.9	1.9	1.9	2.8	12.9	100.0	
TOTAL N	100	4550	1198	467	448	561	813	1786	789	256	249	372	1720		13309

(* < 0.05%)

STATION: 46022

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

Month: NOV

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	0.1	*	*	0.1	0.1	0.1	*	0.1	*	0.1	0.1	*	1.1	144
1 - 3		1.2	1.4	1.2	1.3	1.4	1.1	0.7	0.6	0.4	0.5	0.7	1.0	11.5	1486
4 - 6		2.7	2.2	1.3	1.1	2.4	2.5	1.5	0.8	0.5	0.5	0.5	1.3	17.4	2255
7 - 10		5.4	2.2	0.6	0.5	3.3	4.4	2.8	1.3	0.5	0.5	0.6	1.8	23.9	3096
11 - 15		5.9	0.9	0.1	0.1	2.1	2.7	3.9	1.5	0.5	0.3	0.6	1.8	20.5	2658
16 - 20		4.0	0.1	*	*	0.7	1.7	4.2	1.0	0.3	0.2	0.4	1.2	13.9	1804
21 - 24		1.4	*	-	*	0.2	1.0	2.9	0.2	0.1	*	0.1	0.4	6.5	837
25 - 33		0.5	-	-	*	0.1	1.1	2.3	0.1	*	0.1	*	0.4	4.5	584
34 - 47		-	-	-	-	-	0.4	0.3	*	-	-	-	-	0.6	84
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	21.2	7.0	3.2	3.1	10.3	14.9	18.6	5.8	2.3	2.1	3.1	7.9	100.0	
TOTAL N	56	2747	903	415	405	1336	1934	2402	748	298	276	403	1025		12948

(* < 0.05%)

STATION: 46022

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	0.5	*	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1	*	*	1.3	159
1 - 3		0.8	1.1	1.2	1.2	1.2	1.1	0.7	0.6	0.4	0.5	0.6	0.7	10.0	1180
4 - 6		1.8	1.9	1.5	1.4	2.3	2.2	1.4	0.9	0.6	0.4	0.3	0.8	15.7	1849
7 - 10		3.5	2.1	0.8	0.8	4.0	3.5	2.2	1.4	0.6	0.4	0.6	1.2	21.1	2484
11 - 15		5.9	1.4	0.2	0.3	3.1	2.2	2.8	1.5	0.7	0.5	0.8	1.1	20.4	2403
16 - 20		5.4	0.3	*	0.1	1.4	2.0	4.0	1.0	0.5	0.3	0.4	0.7	16.1	1904
21 - 24		2.4	0.1	-	-	0.3	0.9	2.9	0.5	0.2	0.1	0.1	0.5	7.9	934
25 - 33		1.5	*	-	-	0.2	1.2	3.0	0.2	*	*	0.1	0.3	6.6	781
34 - 47		*	-	-	-	-	0.3	0.5	*	-	-	-	*	0.8	98
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	21.4	7.1	3.7	3.9	12.6	13.6	17.5	6.2	3.1	2.2	2.9	5.4	100.0	
TOTAL N	59	2520	833	432	456	1491	1599	2069	731	368	263	337	634		11792

(* < 0.05%)

STATION: 46022

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	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1	0.1	0.1	1.6	2297
1 - 3		1.5	1.3	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.6	0.8	1.2	11.2	16266
4 - 6		4.3	2.4	1.0	0.8	1.4	1.5	1.2	1.1	0.7	0.6	0.9	2.6	18.4	26724
7 - 10		8.7	2.1	0.4	0.3	1.5	1.9	2.0	1.6	0.5	0.4	0.7	4.0	24.1	34979
11 - 15		10.5	0.8	0.1	0.1	1.0	1.2	2.8	1.5	0.4	0.3	0.4	3.4	22.3	32367
16 - 20		6.2	0.1	*	*	0.5	0.8	3.0	0.8	0.2	0.1	0.2	1.7	13.8	20065
21 - 24		1.8	*	-	*	0.1	0.5	1.7	0.2	0.1	*	*	0.6	5.2	7548
25 - 33		0.6	*	-	*	0.1	0.6	1.3	0.1	*	*	*	0.4	3.1	4528
34 - 47		*	-	-	-	*	0.1	0.1	*	-	-	*	*	0.3	396
> 48		*	-	-	-	-	*	-	*	-	-	*	*	0.0	12
TOTAL %	0.7	33.6	6.8	2.6	2.3	5.7	7.6	13.0	6.2	2.5	2.2	3.0	13.9	100.0	
TOTAL N	1016	48762	9857	3718	3386	8223	11094	18897	8965	3579	3143	4401	20141		145182

(* < 0.05%)

STATION: 46022

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	0.4	0.1	0.1	*	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.4	461
1 - 3		0.8	0.9	0.9	1.0	1.1	1.0	0.8	0.7	0.4	0.5	0.5	0.7	9.2	3110
4 - 6		1.7	1.8	1.3	1.3	2.0	2.3	1.3	1.0	0.6	0.5	0.5	0.9	15.1	5123
7 - 10		3.6	2.2	0.7	0.8	3.2	3.3	2.1	1.5	0.7	0.5	0.6	1.2	20.4	6915
11 - 15		5.7	1.2	0.1	0.3	2.7	2.4	3.5	2.0	0.7	0.5	0.7	1.2	21.0	7110
16 - 20		4.4	0.3	*	0.1	1.5	2.1	5.3	1.4	0.6	0.3	0.4	0.9	17.3	5841

11 - 15	-	0.4	5.3	6.9	4.9	2.1	0.5	0.2	0.1	*	*	-	-	-	-	20.5	2408
16 - 20	-	0.1	3.3	5.5	4.2	2.1	0.5	0.1	*	*	*	-	-	-	-	16.0	1879
21 - 24	-	*	1.0	3.0	2.2	1.0	0.3	*	*	-	-	-	-	-	-	7.6	897
25 - 33	-	-	0.2	1.5	2.4	1.3	0.4	0.1	*	-	-	-	-	-	-	6.0	701
34 - 47	-	-	-	-	0.2	0.2	0.2	*	*	*	-	-	-	-	-	0.7	82
> 48	-	1.5	2.3	1.8	0.7	0.1	-	-	-	-	-	-	-	-	-	6.3	742
TOTAL %	0.3	4.3	29.2	32.6	20.8	9.5	2.4	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	35	502	3428	3834	2449	1114	283	74	26	7	5	0	0	0	0		11757

STATION: 46022

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	1.5	161
1 - 3	*	1.4	3.7	2.7	1.0	0.4	0.1	*	*	-	-	-	-	-	-	9.4	1022
4 - 6	-	1.8	5.6	4.7	1.6	0.7	0.3	0.1	-	-	-	-	-	-	-	14.7	1604
7 - 10	-	2.0	6.0	6.1	2.8	1.2	0.4	0.2	*	-	-	-	-	-	-	18.6	2023
11 - 15	-	0.8	5.6	8.1	3.6	1.5	0.9	0.3	0.1	*	-	-	-	-	-	20.9	2277
16 - 20	-	0.1	3.7	7.5	4.5	1.7	0.8	0.3	0.1	*	*	*	*	-	-	18.7	2040
21 - 24	-	-	1.0	3.5	3.0	1.3	0.4	0.1	*	-	*	*	*	-	-	9.3	1014
25 - 33	-	-	0.2	1.8	2.3	1.4	0.3	0.1	*	-	-	-	-	-	-	6.2	675
34 - 47	-	-	-	*	0.1	0.1	0.1	*	-	-	-	-	-	-	-	0.4	47
> 48	-	-	0.1	0.1	*	*	-	-	-	-	-	-	-	-	-	0.2	21
TOTAL %	0.0	6.4	26.6	34.8	19.1	8.3	3.3	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4	696	2893	3792	2077	906	361	113	27	4	4	4	3	0	0		10884

STATION: 46022

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

Month: MAR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.9	109
1 - 3	-	1.0	3.6	2.5	0.8	0.4	*	-	-	-	-	-	-	-	-	8.4	1000
4 - 6	-	1.8	5.7	4.6	1.5	0.6	0.1	*	-	-	-	-	-	-	-	14.2	1694
7 - 10	-	1.7	8.7	6.4	2.8	1.3	0.2	0.1	*	-	-	-	-	-	-	21.2	2529
11 - 15	-	1.5	6.4	8.0	3.5	1.3	0.4	0.1	*	-	-	-	-	-	-	21.3	2532
16 - 20	-	0.4	4.3	6.7	4.1	1.3	0.3	0.1	*	-	-	-	-	-	-	17.1	2036
21 - 24	-	0.1	1.2	2.8	2.9	0.8	0.2	*	*	-	-	-	-	-	-	7.9	946
25 - 33	-	-	0.3	1.6	2.2	1.0	0.2	*	-	-	-	-	-	-	-	5.4	646
34 - 47	-	-	-	0.1	0.3	0.2	*	-	-	-	-	-	-	-	-	0.6	68
> 48	-	*	0.4	1.5	0.9	0.2	-	-	-	-	-	-	-	-	-	2.9	347
TOTAL %	0.0	6.5	31.1	34.4	19.1	7.1	1.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	776	3700	4094	2271	851	169	40	6	0	0	0	0	0	0		11907

STATION: 46022

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

Month: APR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.9	104
1 - 3	-	2.5	4.1	1.3	0.4	0.1	*	*	-	-	-	-	-	-	-	8.5	993
4 - 6	-	3.9	7.5	2.8	0.9	0.2	0.1	*	-	-	-	-	-	-	-	15.5	1809
7 - 10	-	3.5	11.1	5.2	1.2	0.3	0.3	0.1	-	-	-	-	-	-	-	21.6	2519
11 - 15	-	1.8	10.8	6.3	2.2	0.5	0.2	0.1	-	-	-	-	-	-	-	21.8	2537
16 - 20	-	0.4	5.5	5.6	2.2	0.6	0.2	*	*	-	-	-	-	-	-	14.4	1684
21 - 24	-	*	1.4	3.1	1.8	0.5	0.1	*	-	-	-	-	-	-	-	6.9	810
25 - 33	-	-	0.2	1.3	2.1	0.5	0.1	-	-	-	-	-	-	-	-	4.2	487
34 - 47	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	3
> 48	-	0.9	3.4	1.7	0.2	-	-	-	-	-	-	-	-	-	-	6.2	718
TOTAL %	0.0	13.3	44.6	27.4	11.0	2.7	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1548	5201	3194	1281	320	97	22	1	0	0	0	0	0	0		11664

STATION: 46022

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

Month: MAY

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.2	137
1 - 3	*	3.5	3.7	1.0	0.1	*	-	-	-	-	-	-	-	-	-	8.3	952
4 - 6	*	5.9	7.1	2.0	0.3	*	-	-	-	-	-	-	-	-	-	15.4	1766
7 - 10	-	8.0	12.5	3.6	0.6	0.1	-	-	-	-	-	-	-	-	-	24.6	2834
11 - 15	-	5.2	13.2	5.8	1.1	0.1	-	-	-	-	-	-	-	-	-	25.4	2926
16 - 20	-	1.1	8.1	6.8	1.1	0.5	0.1	-	-	-	-	-	-	-	-	17.6	2030
21 - 24	-	*	1.4	2.6	1.2	0.4	*	-	-	-	-	-	-	-	-	5.6	642
25 - 33	-	-	0.1	0.5	0.7	0.4	0.1	-	-	-	-	-	-	-	-	1.8	209
34 - 47	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
> 48	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.1	24.2	46.7	22.4	5.0	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	15	2780	5367	2572	580	166	22	0	0	0	0	0	0	0	0		11502

(* < 0.05%)

STATION: 46022

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

Month: JUN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	1.5	175
1 - 3	-	0.9	0.5	0.1	*	*	*	-	-	-	-	-	-	-	-	8.3	971
4 - 6	-	4.4	3.1	0.6	0.1	*	*	-	-	-	-	-	-	-	-	16.1	1884
7 - 10	-	8.0	6.1	1.5	0.4	*	-	-	-	-	-	-	-	-	-	25.3	2967
11 - 15	*	9.1	11.4	4.1	0.7	0.1	-	-	-	-	-	-	-	-	-	30.0	3511
16 - 20	-	5.4	16.1	6.9	1.5	0.2	-	-	-	-	-	-	-	-	-	14.9	1748
21 - 24	-	1.0	7.0	5.0	1.6	0.2	*	-	-	-	-	-	-	-	-	3.0	356
25 - 33	-	0.1	1.0	1.3	0.5	0.1	*	-	-	-	-	-	-	-	-	0.8	89
34 - 47	-	-	0.1	0.2	0.4	0.1	*	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	29.1	45.1	19.7	5.2	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	3406	5290	2314	604	94	10	0	0	0	0	0	0	0	0		11720

(* < 0.05%)

STATION: 46022

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

Month: JUL

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	1.6	213
1 - 3	-	1.2	0.4	0.1	*	-	-	-	-	-	-	-	-	-	-	11.3	1485
4 - 6	-	7.9	3.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	22.6	2972
7 - 10	-	14.2	6.9	1.3	0.2	*	-	-	-	-	-	-	-	-	-	29.3	3841
11 - 15	-	13.5	11.1	3.8	0.8	0.1	-	-	-	-	-	-	-	-	-	23.3	3056
16 - 20	-	5.1	10.8	6.2	1.2	0.1	-	-	-	-	-	-	-	-	-	9.8	1290
21 - 24	*	0.4	3.6	4.0	1.7	0.2	-	-	-	-	-	-	-	-	-	1.7	221
25 - 33	-	-	0.4	0.9	0.4	*	-	-	-	-	-	-	-	-	-	0.3	34
34 - 47	-	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	14
TOTAL %	0.0	42.3	36.2	16.6	4.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3	5555	4748	2179	596	45	0	0	0	0	0	0	0	0	0		13126

(* < 0.05%)

STATION: 46022

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	2.2	269
1 - 3	*	1.5	0.6	*	-	-	-	-	-	-	-	-	-	-	-	15.4	1887
4 - 6	*	10.3	4.7	0.4	*	-	-	-	-	-	-	-	-	-	-	24.6	3017
7 - 10	*	15.6	7.7	1.2	0.2	*	-	-	-	-	-	-	-	-	-	28.0	3422
11 - 15	-	13.2	11.9	2.3	0.5	*	*	-	-	-	-	-	-	-	-	21.7	2654
16 - 20	-	5.6	11.5	4.1	0.4	0.1	-	-	-	-	-	-	-	-	-	7.0	862
21 - 24	-	0.5	3.6	2.5	0.4	*	-	-	-	-	-	-	-	-	-	0.9	106
25 - 33	-	-	0.4	0.3	0.2	*	-	-	-	-	-	-	-	-	-	0.1	17
34 - 47	-	-	-	-	0.1	*	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	42.3	36.2	16.6	4.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3	5555	4748	2179	596	45	0	0	0	0	0	0	0	0	0		13126

(* < 0.05%)

TOTAL %	0.0	46.7	40.4	10.8	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	5718	4950	1324	218	26	1	0	0	0	0	0	0	0	0	12242

(* < 0.05%)

STATION: 46022

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	-	3.0	348
1 - 3	0.2	8.8	5.7	1.6	0.3	*	-	-	-	-	-	-	-	-	-	16.7	1929
4 - 6	0.1	10.9	8.9	3.0	0.5	0.1	*	-	-	-	-	-	-	-	-	23.4	2715
7 - 10	*	10.0	10.7	4.6	1.1	0.2	0.1	*	-	-	-	-	-	-	-	26.7	3094
11 - 15	-	3.6	10.2	5.3	1.1	0.1	0.1	-	-	-	-	-	-	-	-	20.3	2357
16 - 20	-	0.6	3.2	2.9	1.2	0.3	*	-	-	-	-	-	-	-	-	8.1	944
21 - 24	-	*	0.3	0.6	0.3	0.1	-	-	-	-	-	-	-	-	-	1.3	155
25 - 33	-	-	*	0.1	0.2	*	-	-	-	-	-	-	-	-	-	0.4	41
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.4	35.7	39.8	18.3	4.7	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	46	4139	4615	2121	548	93	20	3	0	0	0	0	0	0	0	11585	

(* < 0.05%)

STATION: 46022

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	-	2.2	251
1 - 3	-	0.5	1.2	0.4	*	*	-	-	-	-	-	-	-	-	-	17.1	1996
4 - 6	-	4.0	8.9	3.5	0.5	0.2	-	*	-	*	-	-	-	-	-	23.6	2747
7 - 10	-	5.6	11.7	5.1	0.8	0.3	*	*	*	-	-	-	-	-	-	22.9	2669
11 - 15	-	4.3	10.6	6.2	1.5	0.3	*	-	*	*	*	*	*	*	-	17.6	2053
16 - 20	-	1.7	7.6	6.0	1.7	0.3	0.1	0.1	*	*	*	*	*	*	-	11.3	1315
21 - 24	-	0.3	3.5	5.1	1.8	0.3	0.1	0.1	*	-	*	-	-	-	-	3.7	429
25 - 33	-	*	0.5	1.5	1.1	0.3	0.1	0.1	*	-	-	-	-	-	-	1.6	187
34 - 47	-	-	0.1	0.3	0.7	0.5	*	-	-	-	-	-	-	-	-	0.1	6
> 48	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.1	8
TOTAL %	0.0	16.4	44.3	28.1	8.2	2.2	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1915	5161	3279	952	260	39	34	11	5	3	2	0	0	0	11661	

(* < 0.05%)

STATION: 46022

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

Month: NOV

WIND SPEED	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			>13.4
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.1	126
1 - 3	-	0.3	0.5	0.2	*	-	-	-	-	-	-	-	-	-	-	11.8	1346
4 - 6	-	2.3	4.8	3.3	1.1	0.2	0.1	*	-	-	-	-	-	-	-	18.0	2053
7 - 10	-	2.2	7.2	5.3	2.1	0.8	0.2	0.1	*	-	-	-	-	-	-	24.5	2795
11 - 15	-	2.7	9.6	7.4	3.0	1.3	0.3	0.1	0.1	-	-	-	-	-	-	20.1	2292
16 - 20	-	0.8	6.2	7.7	3.2	1.2	0.6	0.3	0.1	*	-	-	-	-	-	13.5	1545
21 - 24	-	0.3	3.1	5.6	2.8	1.1	0.3	0.2	0.1	*	*	-	-	-	-	6.3	715
25 - 33	-	*	0.7	2.7	1.8	0.6	0.2	0.1	0.1	-	-	-	-	-	-	4.1	474
34 - 47	-	*	0.4	1.1	1.5	0.7	0.3	0.1	*	*	-	-	-	-	-	0.6	68
> 48	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	9
TOTAL %	0.0	8.7	32.5	33.5	15.8	6.0	2.0	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	999	3713	3826	1805	687	234	113	40	5	1	0	0	0	0	11423	

(* < 0.05%)

STATION: 46022

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	-	1.2	134
1 - 3	-	0.2	0.7	0.2	*	*	-	-	-	-	-	-	-	-	-	9.5	1070
4 - 6	-	0.9	3.9	2.7	1.1	0.7	0.1	*	-	-	-	-	-	-	-	14.9	1687

7 - 10	-	1.9	5.7	5.8	4.1	2.1	0.5	0.2	*	-	-	-	-	-	-	20.3	2298
11 - 15	-	0.8	4.1	6.6	5.5	1.9	0.8	0.4	0.1	*	*	-	-	-	-	20.1	2275
16 - 20	-	0.1	2.3	6.1	4.9	1.7	0.6	0.3	0.2	0.1	*	-	-	-	-	16.2	1831
21 - 24	-	*	0.8	2.2	2.9	1.6	0.3	0.1	0.1	*	-	-	-	-	-	8.0	905
25 - 33	-	-	0.2	1.4	2.6	1.7	0.6	0.2	*	-	-	-	-	-	-	6.7	754
34 - 47	-	-	-	*	0.2	0.2	0.2	0.2	*	-	-	-	-	-	-	0.8	95
> 48	-	0.4	1.4	0.4	0.1	*	*	-	-	-	-	-	-	-	-	2.3	255
TOTAL %	0.0	5.8	24.1	29.9	23.6	11.1	3.4	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	660	2725	3381	2670	1258	389	155	51	10	5	0	0	0	0		11304

(* < 0.05%)

STATION: 46022

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

All Months: Annual

		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		
WIND SPEED		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0		*	0.7	0.6	0.2	*	*	*	-	-	-	-	-	-	-	-	1.5	2148
1 - 3	*	4.0	4.4	1.8	0.5	0.2	*	*	*	*	-	-	-	-	-	-	11.0	15543
4 - 6	*	6.2	7.1	3.3	1.0	0.4	0.1	*	*	*	-	-	-	-	-	-	18.2	25593
7 - 10	*	6.0	9.8	5.1	1.8	0.7	0.2	0.1	*	*	*	*	-	-	-	-	23.7	33381
11 - 15	-	2.8	9.0	6.5	2.5	0.8	0.3	0.1	*	*	*	*	-	-	-	-	21.9	30878
16 - 20	*	0.4	4.3	5.2	2.5	0.8	0.2	0.1	*	*	*	*	*	*	-	-	13.6	19204
21 - 24	-	*	0.8	2.0	1.5	0.6	0.1	*	*	*	*	*	*	*	-	-	5.1	7196
25 - 33	-	*	0.2	0.8	1.3	0.6	0.2	*	*	*	*	-	-	-	-	-	3.1	4314
34 - 47	-	-	*	*	0.1	0.1	*	*	*	*	*	-	-	-	-	-	0.3	370
> 48	-	0.3	0.6	0.5	0.2	*	*	-	-	-	-	-	-	-	-	-	1.5	2148
TOTAL %	0.1	20.4	36.8	25.5	11.4	4.1	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	110	28694	51791	35910	16051	5820	1625	554	162	31	18	6	3	0	0			140775

(* < 0.05%)

STATION: 46022

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

Months: DEC, JAN, FEB (Winter)

		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		
WIND SPEED		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0	*	0.2	0.5	0.3	0.1	*	*	*	-	-	-	-	-	-	-	-	1.2	416
1 - 3	0.1	0.9	3.6	2.7	1.0	0.5	0.1	*	*	-	-	-	-	-	-	-	8.8	2984
4 - 6	*	1.3	5.6	4.6	1.9	0.9	0.3	0.1	-	-	-	-	-	-	-	-	14.5	4936
7 - 10	-	1.6	6.4	6.1	3.4	1.6	0.4	0.1	*	*	-	-	-	-	-	-	19.8	6711
11 - 15	-	0.7	5.0	7.2	4.7	1.9	0.7	0.3	0.1	*	*	*	-	-	-	-	20.5	6960
16 - 20	-	0.1	3.1	6.3	4.5	1.9	0.6	0.2	0.1	*	*	*	*	*	-	-	16.9	5750
21 - 24	-	*	0.9	2.9	2.7	1.3	0.3	0.1	*	*	*	*	*	*	-	-	8.3	2816
25 - 33	-	-	0.2	1.5	2.5	1.5	0.4	0.1	*	-	-	-	-	-	-	-	6.3	2130
34 - 47	-	-	-	*	0.2	0.2	0.2	0.1	*	*	*	-	-	-	-	-	0.7	224
> 48	-	0.6	1.3	0.8	0.2	*	*	-	-	-	-	-	-	-	-	-	3.0	1018
TOTAL %	0.1	5.5	26.6	32.4	21.2	9.7	3.0	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	39	1858	9046	11007	7196	3278	1033	342	104	21	14	4	3	0	0			33945

(* < 0.05%)

STATION: 46022

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

Months: MAR, APR, MAY (Spring)

		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		
WIND SPEED		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			
0	*	0.3	0.5	0.1	*	*	-	-	-	-	-	-	-	-	-	-	1.0	350
1 - 3	*	2.3	3.8	1.6	0.4	0.2	*	*	-	-	-	-	-	-	-	-	8.4	2945
4 - 6	*	3.9	6.8	3.2	0.9	0.3	0.1	*	-	-	-	-	-	-	-	-	15.0	5269
7 - 10	-	4.4	10.7	5.1	1.5	0.5	0.2	*	*	-	-	-	-	-	-	-	22.5	7882
11 - 15	-	2.8	10.1	6.7	2.3	0.7	0.2	*	*	-	-	-	-	-	-	-	22.8	7995
16 - 20	-	0.6	5.9	6.4	2.5	0.8	0.2	*	*	-	-	-	-	-	-	-	16.4	5750
21 - 24	-	*	1.3	2.8	2.0	0.6	0.1	*	*	-	-	-	-	-	-	-	6.8	2398
25 - 33	-	-	0.2	1.1	1.7	0.6	0.1	*	-	-	-	-	-	-	-	-	3.8	1342
34 - 47	-	-	-	*	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.2	72
> 48	-	0.3	1.3	1.1	0.4	0.1	-	-	-	-	-	-	-	-	-	-	3.1	1070
TOTAL %	0.0	14.6	40.7	28.1	11.8	3.8	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	15	5104	14268	9860	4132	1337	288	62	7	0	0	0	0	0	0			35073

(* < 0.05%)

STATION: 46022

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	1.8	657
1 - 3	*	7.6	3.6	0.4	0.1	*	*	-	-	-	-	-	-	-	-	11.7	4343
4 - 6	*	12.7	6.9	1.3	0.3	*	-	-	-	-	-	-	-	-	-	21.2	7873
7 - 10	*	12.0	11.4	3.4	0.7	0.1	*	-	-	-	-	-	-	-	-	27.6	10230
11 - 15	-	5.3	12.7	5.7	1.0	0.1	-	-	-	-	-	-	-	-	-	24.9	9221
16 - 20	*	0.6	4.7	3.8	1.2	0.1	*	-	-	-	-	-	-	-	-	10.5	3900
21 - 24	-	*	0.6	0.8	0.4	0.1	*	-	-	-	-	-	-	-	-	1.8	683
25 - 33	-	-	*	0.1	0.2	0.1	*	-	-	-	-	-	-	-	-	0.4	140
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	41
TOTAL %	0.0	39.6	40.4	15.7	3.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	10	14679	14988	5817	1418	165	11	0	0	0	0	0	0	0	0		37088

STATION: 46022

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

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	2.1	725
1 - 3	0.1	5.0	6.5	2.8	0.6	0.1	*	*	-	*	-	-	-	-	-	15.2	5271
4 - 6	*	6.3	9.3	4.5	1.1	0.4	0.1	*	*	-	-	-	-	-	-	21.7	7515
7 - 10	*	5.7	10.3	6.1	1.9	0.6	0.1	0.1	*	*	*	*	-	-	-	24.7	8558
11 - 15	-	2.0	8.0	6.3	2.0	0.5	0.2	0.1	*	*	*	*	-	-	-	19.3	6702
16 - 20	-	0.4	3.3	4.5	1.9	0.6	0.1	0.1	*	*	*	-	-	-	-	11.0	3804
21 - 24	-	*	0.5	1.6	1.0	0.4	0.1	0.1	*	-	-	-	-	-	-	3.7	1299
25 - 33	-	*	0.2	0.5	0.8	0.4	0.1	*	*	*	-	-	-	-	-	2.0	702
34 - 47	-	-	*	*	0.1	0.1	*	*	*	-	-	-	-	-	-	0.2	74
> 48	-	*	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	19
TOTAL %	0.1	20.3	38.9	26.6	9.5	3.0	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	46	7053	13489	9226	3305	1040	293	150	51	10	4	2	0	0	0		34669

STATION: 46022

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

Month: JAN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.3	34
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	-	0.1	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	0.4	46
5.5 - 6.4	-	0.1	0.6	0.1	*	-	-	-	-	-	-	-	-	-	-	0.8	92
6.5 - 7.4	-	0.3	0.7	0.6	0.2	*	-	-	-	-	-	-	-	-	-	1.9	220
7.5 - 8.4	-	0.4	1.6	1.1	0.7	0.1	-	-	-	-	-	-	-	-	-	4.0	473
8.5 - 9.4	-	0.2	1.9	1.2	0.5	0.1	*	-	-	-	-	-	-	-	-	4.0	474
9.5 - 10.4	-	0.5	3.0	2.2	0.8	0.1	0.1	-	-	-	-	-	-	-	-	6.6	779
10.5 - 11.4	-	0.8	4.8	4.8	1.6	0.6	0.1	*	*	-	-	-	-	-	-	12.8	1501
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	1.0	7.5	9.2	5.6	1.8	0.3	*	-	-	-	-	-	-	-	25.6	3005
13.5 - 14.4	-	0.6	5.3	8.5	7.4	3.8	0.9	0.2	*	*	-	-	-	-	-	26.7	3142
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.1	2.5	3.5	3.1	2.1	0.9	0.3	0.1	*	-	-	-	-	-	12.6	1480
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	0.9	1.0	0.8	0.7	0.2	0.1	0.1	*	*	-	-	-	-	3.9	455
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	0.1	*	-	-	-	-	-	-	-	-	-	0.4	47
TOTAL %	0.3	4.3	29.2	32.6	20.8	9.5	2.4	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	35	502	3427	3834	2449	1114	282	74	26	7	5	0	0	0	0		11755

STATION: 46022

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

Month: FEB

13.5 - 14.4	-	1.8	1.2	1.1	0.5	0.1	*	-	-	-	-	-	-	-	-	4.7	553
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.7	0.9	*	0.1	-	-	-	-	-	-	-	-	-	-	3.6	424
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	23
TOTAL %	0.0	29.0	45.1	19.7	5.2	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	3403	5290	2314	604	94	10	0	0	0	0	0	0	0	0		11717

(* < 0.05%)

STATION: 46022

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT 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	3
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	-	1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.5	195
5.5 - 6.4	-	4.3	2.3	-	-	-	-	-	-	-	-	-	-	-	-	6.6	870
6.5 - 7.4	-	6.4	8.5	0.2	-	-	-	-	-	-	-	-	-	-	-	15.1	1987
7.5 - 8.4	-	12.8	15.1	7.0	0.4	-	-	-	-	-	-	-	-	-	-	35.4	4642
8.5 - 9.4	-	5.4	3.9	7.1	1.8	*	-	-	-	-	-	-	-	-	-	18.3	2400
9.5 - 10.4	-	3.4	3.1	1.8	2.0	0.2	-	-	-	-	-	-	-	-	-	10.4	1366
10.5 - 11.4	-	1.9	2.2	0.2	0.4	0.2	-	-	-	-	-	-	-	-	-	4.8	626
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.4	0.7	0.2	*	-	-	-	-	-	-	-	-	-	-	2.3	307
13.5 - 14.4	-	2.0	0.1	*	-	-	-	-	-	-	-	-	-	-	-	2.1	278
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.9	385
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	46
TOTAL %	0.0	42.3	36.2	16.6	4.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3	5553	4747	2179	596	45	0	0	0	0	0	0	0	0	0		13123

(* < 0.05%)

STATION: 46022

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT 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	4
3.5 - 4.4	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	29
4.5 - 5.4	-	1.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.8	224
5.5 - 6.4	-	5.0	2.2	-	-	-	-	-	-	-	-	-	-	-	-	7.2	885
6.5 - 7.4	*	6.3	7.9	0.1	-	-	-	-	-	-	-	-	-	-	-	14.3	1749
7.5 - 8.4	*	14.0	14.2	4.0	0.1	-	-	-	-	-	-	-	-	-	-	32.4	3964
8.5 - 9.4	-	5.5	6.2	4.5	0.7	0.1	-	-	-	-	-	-	-	-	-	17.0	2085
9.5 - 10.4	-	2.7	5.1	1.4	0.9	0.1	-	-	-	-	-	-	-	-	-	10.2	1244
10.5 - 11.4	-	1.6	2.8	0.4	*	*	*	-	-	-	-	-	-	-	-	4.9	594
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.1	0.7	0.2	-	-	-	-	-	-	-	-	-	-	-	3.0	365
13.5 - 14.4	-	4.1	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	5.0	607
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.0	0.4	*	-	-	-	-	-	-	-	-	-	-	-	3.4	420
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	0.6	69
TOTAL %	0.0	46.7	40.4	10.8	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	5717	4948	1324	218	26	1	0	0	0	0	0	0	0	0		12239

(* < 0.05%)

STATION: 46022

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

1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
4.5 - 5.4	-	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	29
5.5 - 6.4	-	0.2	0.7	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1.0	113
6.5 - 7.4	-	0.2	0.9	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	2.0	234
7.5 - 8.4	-	0.8	2.3	1.9	0.5	0.1	-	-	-	-	-	-	-	-	-	-	5.5	632
8.5 - 9.4	-	1.0	2.0	1.5	0.4	0.1	*	-	-	-	-	-	-	-	-	-	5.0	573
9.5 - 10.4	-	1.0	4.9	2.8	0.9	0.2	*	-	-	-	-	-	-	-	-	-	9.7	1108
10.5 - 11.4	-	1.3	7.6	6.9	1.9	0.4	*	*	-	-	-	-	-	-	-	-	18.2	2083
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.7	7.4	9.7	4.2	1.5	0.3	0.1	-	*	-	-	-	-	-	-	25.0	2851
13.5 - 14.4	-	1.8	4.1	6.2	5.2	2.4	1.0	0.5	0.1	*	-	-	-	-	-	-	21.3	2436
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.6	1.9	2.5	2.2	1.2	0.6	0.4	0.1	-	*	-	-	-	-	-	9.4	1077
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.6	0.9	0.3	0.1	0.1	*	0.1	*	-	-	-	-	-	-	2.3	259
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	8.7	32.5	33.5	15.8	6.0	2.0	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	998	3713	3826	1805	687	234	112	40	5	1	0	0	0	0	0		11421

(* < 0.05%)

STATION: 46022

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	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
4.5 - 5.4	-	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	30
5.5 - 6.4	-	0.2	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.8	94
6.5 - 7.4	-	0.3	0.6	0.8	0.2	-	-	-	-	-	-	-	-	-	-	-	1.9	214
7.5 - 8.4	-	0.2	1.8	1.7	0.7	*	-	-	-	-	-	-	-	-	-	-	4.4	497
8.5 - 9.4	-	0.2	1.2	1.5	0.6	0.1	*	-	-	-	-	-	-	-	-	-	3.5	398
9.5 - 10.4	-	0.4	2.2	1.6	1.0	0.3	*	*	-	-	-	-	-	-	-	-	5.5	617
10.5 - 11.4	-	0.8	3.6	4.4	2.2	0.5	0.1	*	-	-	-	-	-	-	-	-	11.6	1316
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.0	5.8	7.7	5.9	2.0	0.5	0.2	*	-	-	-	-	-	-	-	24.0	2717
13.5 - 14.4	-	1.2	5.3	6.9	8.8	4.6	1.3	0.5	0.1	*	-	-	-	-	-	-	28.6	3231
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.2	2.2	3.4	3.4	3.1	1.4	0.6	0.4	0.1	*	-	-	-	-	-	14.8	1671
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.8	1.7	0.8	0.5	0.1	0.1	*	*	*	-	-	-	-	-	4.1	466
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	*	*	-	-	-	-	-	-	-	-	-	-	0.4	42
TOTAL %	0.0	5.8	24.1	29.9	23.6	11.1	3.4	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	660	2725	3380	2670	1257	389	155	51	10	5	0	0	0	0	0		11302

(* < 0.05%)

STATION: 46022

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

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4			
< 0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	83
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	20
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	166
4.5 - 5.4	-	0.5	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.8	1080
5.5 - 6.4	*	1.4	1.3	0.1	*	-	-	-	-	-	-	-	-	-	-	-	2.8	3977
6.5 - 7.4	*	2.2	3.7	0.7	0.1	*	-	-	-	-	-	-	-	-	-	-	6.6	9282

7.5 - 8.4	*	4.7	7.3	3.9	0.6	*	*	-	-	-	-	-	-	-	-	16.6	23385
8.5 - 9.4	*	2.5	3.6	3.2	1.1	0.1	*	*	-	-	-	-	-	-	-	10.5	14815
9.5 - 10.4	-	2.0	4.8	2.1	1.1	0.3	*	*	-	-	-	-	-	-	-	10.3	14450
10.5 - 11.4	*	1.8	5.4	3.7	1.1	0.3	*	*	*	-	-	-	-	-	-	12.3	17378
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	1.7	5.1	5.4	2.5	0.7	0.1	*	*	*	-	-	-	-	-	15.7	22066
13.5 - 14.4	-	1.8	3.3	4.1	3.3	1.5	0.5	0.1	*	*	-	-	-	-	-	14.7	20683
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.3	1.5	1.7	1.3	0.9	0.4	0.2	0.1	*	*	*	-	-	-	7.5	10502
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	0.5	0.6	0.3	0.2	0.1	*	*	*	*	*	*	-	-	1.9	2657
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	0.1	0.1	*	*	*	*	*	-	-	-	-	-	-	0.1	200
TOTAL %	0.1	20.4	36.8	25.5	11.4	4.1	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	110	28683	51780	35905	16050	5819	1624	553	162	31	18	6	3	0	0		140744

(* < 0.05%)

STATION: 46022

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.1	34
0.5 - 1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
3.5 - 4.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	23
4.5 - 5.4	-	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.3	91
5.5 - 6.4	-	0.1	0.5	0.2	*	-	-	-	-	-	-	-	-	-	-	0.8	269
6.5 - 7.4	-	0.3	0.7	0.7	0.2	*	-	-	-	-	-	-	-	-	-	1.9	644
7.5 - 8.4	-	0.4	1.8	1.8	0.6	0.1	*	-	-	-	-	-	-	-	-	4.8	1617
8.5 - 9.4	-	0.3	1.5	1.5	0.6	0.1	*	*	-	-	-	-	-	-	-	4.1	1376
9.5 - 10.4	-	0.5	2.6	2.0	0.9	0.2	*	*	-	-	-	-	-	-	-	6.1	2068
10.5 - 11.4	*	0.8	4.1	4.8	2.0	0.5	0.1	*	*	-	-	-	-	-	-	12.3	4168
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	1.5	6.5	8.7	5.6	1.8	0.4	0.1	*	-	-	-	-	-	-	24.5	8330
13.5 - 14.4	-	1.1	5.4	7.9	7.4	3.9	1.1	0.3	*	*	-	-	-	-	-	27.1	9203
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.3	2.4	3.4	3.1	2.6	1.2	0.5	0.2	*	*	*	-	-	-	13.8	4691
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.8	1.3	0.8	0.5	0.2	0.1	0.1	*	*	*	*	-	-	3.9	1311
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	0.1	0.1	0.1	*	*	*	*	-	-	-	-	-	-	0.3	104
TOTAL %	0.1	5.5	26.6	32.4	21.2	9.7	3.0	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	39	1858	9040	11005	7196	3277	1032	342	104	21	14	4	3	0	0		33935

(* < 0.05%)

STATION: 46022

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

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	9
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	30
4.5 - 5.4	-	0.3	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.7	242
5.5 - 6.4	*	0.6	1.2	0.2	*	-	-	-	-	-	-	-	-	-	-	1.9	678
6.5 - 7.4	*	1.1	2.9	1.0	0.1	-	-	-	-	-	-	-	-	-	-	5.0	1741
7.5 - 8.4	*	2.4	6.1	4.2	1.0	0.1	-	-	-	-	-	-	-	-	-	13.9	4864
8.5 - 9.4	*	2.0	4.0	2.5	1.3	0.3	-	*	-	-	-	-	-	-	-	10.0	3524
9.5 - 10.4	-	2.0	6.0	2.4	1.0	0.4	*	-	-	-	-	-	-	-	-	11.9	4162
10.5 - 11.4	-	1.9	7.5	4.8	1.3	0.3	0.1	*	-	-	-	-	-	-	-	15.9	5559
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.7	6.4	6.2	2.5	0.6	0.1	-	-	-	-	-	-	-	-	17.4	6117
13.5 - 14.4	-	1.6	3.8	4.4	3.2	1.3	0.3	*	*	-	-	-	-	-	-	14.6	5132

TOTAL N 46 7050 13487 9223 3305 1040 293 149 51 10 4 2 0 0 0 34660
 (* < 0.05%)

STATION: 46022

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

Month: JAN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	34
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	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	20
4.5 - 5.4	-	0.6	1.5	0.2	-	-	-	-	-	-	-	-	-	-	-	2.2	264
5.5 - 6.4	-	0.7	4.7	3.5	0.3	-	-	-	-	-	-	-	-	-	-	9.3	1089
6.5 - 7.4	*	1.0	6.5	6.8	3.4	0.3	-	-	-	-	-	-	-	-	-	18.1	2124
7.5 - 8.4	-	0.8	6.9	7.7	5.5	1.7	0.3	*	*	-	-	-	-	-	-	23.0	2699
8.5 - 9.4	-	0.6	5.0	7.3	5.3	2.9	0.6	0.1	*	-	-	-	-	-	-	21.7	2552
9.5 - 10.4	-	0.3	2.7	4.2	3.8	2.3	0.7	0.1	*	*	-	-	-	-	-	14.3	1676
10.5 - 11.4	-	0.1	1.2	1.8	1.5	1.4	0.5	0.2	0.1	-	-	-	-	-	-	6.7	787
11.5 - 12.4	-	-	0.5	0.8	0.5	0.5	0.2	0.2	0.1	*	*	-	-	-	-	2.8	326
12.5 - 13.4	-	-	0.2	0.3	0.3	0.2	*	*	*	*	*	-	-	-	-	1.1	124
13.5 - 14.4	-	-	*	*	0.2	0.1	*	-	-	*	*	-	-	-	-	0.4	45
14.5 - 15.4	-	-	-	-	*	0.1	-	-	-	-	-	-	-	-	-	0.1	13
15.5 - 16.4	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.3	4.3	29.2	32.6	20.8	9.5	2.4	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	35	502	3428	3834	2449	1114	283	74	26	7	5	0	0	0	0		11757

STATION: 46022

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

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
3.5 - 4.4	*	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.4	42
4.5 - 5.4	*	0.9	1.4	0.4	-	-	-	-	-	-	-	-	-	-	-	2.7	292
5.5 - 6.4	-	1.4	5.3	5.1	0.3	-	-	-	-	-	-	-	-	-	-	12.1	1311
6.5 - 7.4	-	1.5	6.7	8.1	3.9	0.4	-	-	-	-	-	-	-	-	-	20.7	2249
7.5 - 8.4	-	1.4	5.3	8.2	5.2	1.4	0.3	*	-	-	-	-	-	-	-	21.7	2363
8.5 - 9.4	-	0.6	4.0	6.1	5.0	2.4	0.5	0.1	-	-	-	-	-	-	-	18.6	2026
9.5 - 10.4	-	0.2	2.3	3.9	2.9	2.5	1.1	0.2	-	-	-	-	-	-	-	12.9	1407
10.5 - 11.4	-	*	1.3	2.1	1.2	1.1	1.1	0.4	*	*	-	-	-	-	-	7.3	791
11.5 - 12.4	-	*	0.3	0.8	0.6	0.4	0.3	0.2	0.1	*	*	-	-	-	-	2.8	304
12.5 - 13.4	-	-	*	0.1	0.1	0.1	0.1	0.2	0.1	-	*	*	*	-	-	0.7	78
13.5 - 14.4	-	-	-	-	*	-	*	*	*	*	-	-	*	-	-	0.1	11
TOTAL %	0.0	6.4	26.5	34.9	19.1	8.3	3.3	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4	696	2888	3791	2077	906	361	113	27	4	4	4	3	0	0		10878

STATION: 46022

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	35
4.5 - 5.4	-	1.1	1.6	0.1	-	-	-	-	-	-	-	-	-	-	-	2.9	345
5.5 - 6.4	-	1.7	7.0	4.3	0.6	*	-	-	-	-	-	-	-	-	-	13.6	1617
6.5 - 7.4	-	1.0	7.8	8.3	4.1	0.5	-	*	-	-	-	-	-	-	-	21.7	2580
7.5 - 8.4	-	1.1	7.3	8.6	4.9	1.4	0.1	-	-	-	-	-	-	-	-	23.4	2785
8.5 - 9.4	-	0.9	5.2	7.0	4.6	1.6	0.2	*	-	-	-	-	-	-	-	19.7	2343
9.5 - 10.4	-	0.4	1.8	3.7	2.7	1.5	0.4	0.1	-	-	-	-	-	-	-	10.5	1252
10.5 - 11.4	-	*	0.3	1.7	1.4	1.2	0.3	0.1	*	-	-	-	-	-	-	5.0	592
11.5 - 12.4	-	-	0.1	0.4	0.5	0.6	0.3	0.1	-	-	-	-	-	-	-	2.0	241
12.5 - 13.4	-	-	-	0.2	0.2	0.2	0.1	*	*	-	-	-	-	-	-	0.7	80
13.5 - 14.4	-	-	-	0.1	*	*	*	-	-	-	-	-	-	-	-	0.2	18

14.5 - 15.4	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	0.1	7
15.5 - 16.4	-	-	-	-	-	0.1	*	-	-	-	-	-	-	-	-	0.1	7
16.5 - 17.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	4
17.5 - 18.4	-	-	-	-	-	-	-	*	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	6.5	31.1	34.4	19.1	7.1	1.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	776	3700	4094	2271	851	169	40	6	0	0	0	0	0	0		11907

(* < 0.05%)

STATION: 46022

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	0.4	47
4.5 - 5.4	-	1.7	3.2	0.6	-	-	-	-	-	-	-	-	-	-	-	5.4	634
5.5 - 6.4	-	3.3	11.7	5.3	0.9	*	-	-	-	-	-	-	-	-	-	21.3	2484
6.5 - 7.4	-	4.5	12.9	8.4	3.3	0.5	*	-	-	-	-	-	-	-	-	29.7	3459
7.5 - 8.4	-	2.6	10.1	6.7	2.2	0.6	0.1	-	-	-	-	-	-	-	-	22.2	2587
8.5 - 9.4	-	0.8	5.1	4.0	2.5	0.5	0.1	*	-	-	-	-	-	-	-	12.8	1497
9.5 - 10.4	-	0.1	1.4	1.6	1.2	0.6	0.2	*	-	-	-	-	-	-	-	5.1	591
10.5 - 11.4	-	*	0.2	0.6	0.5	0.3	0.3	0.1	-	-	-	-	-	-	-	2.0	229
11.5 - 12.4	-	-	*	0.2	0.2	0.1	0.1	0.1	-	-	-	-	-	-	-	0.7	80
12.5 - 13.4	-	-	-	0.1	0.1	0.1	*	0.1	*	-	-	-	-	-	-	0.4	43
13.5 - 14.4	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.1	9
14.5 - 15.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	13.3	44.6	27.4	11.0	2.7	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1548	5201	3194	1281	320	97	22	1	0	0	0	0	0	0		11664

(* < 0.05%)

STATION: 46022

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.8	97
4.5 - 5.4	*	4.9	6.6	0.4	-	-	-	-	-	-	-	-	-	-	-	12.0	1379
5.5 - 6.4	0.1	6.9	16.7	7.7	0.2	-	-	-	-	-	-	-	-	-	-	31.7	3644
6.5 - 7.4	-	7.2	12.7	7.8	2.7	0.7	-	-	-	-	-	-	-	-	-	31.2	3591
7.5 - 8.4	-	3.1	7.5	3.8	1.2	0.7	0.1	-	-	-	-	-	-	-	-	16.4	1882
8.5 - 9.4	-	0.9	2.4	1.8	0.5	0.1	0.1	-	-	-	-	-	-	-	-	5.7	661
9.5 - 10.4	-	0.4	0.5	0.4	0.2	*	-	-	-	-	-	-	-	-	-	1.5	178
10.5 - 11.4	-	*	0.2	0.2	0.1	-	-	-	-	-	-	-	-	-	-	0.5	56
11.5 - 12.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.0	4
12.5 - 13.4	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	8
13.5 - 14.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.1	24.2	46.7	22.4	5.0	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	15	2780	5367	2572	580	166	22	0	0	0	0	0	0	0	0		11502

(* < 0.05%)

STATION: 46022

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

Month: JUN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.9	102
4.5 - 5.4	*	7.6	7.0	*	-	-	-	-	-	-	-	-	-	-	-	14.7	1717
5.5 - 6.4	-	9.3	20.7	6.0	0.1	-	-	-	-	-	-	-	-	-	-	36.1	4232
6.5 - 7.4	-	8.5	11.1	10.0	3.2	0.2	-	-	-	-	-	-	-	-	-	32.9	3859
7.5 - 8.4	-	2.5	4.7	2.4	1.4	0.6	*	-	-	-	-	-	-	-	-	11.5	1352
8.5 - 9.4	-	0.4	1.3	1.0	0.3	*	*	-	-	-	-	-	-	-	-	3.1	359

9.5 - 10.4	-	*	0.2	0.2	0.1	*	-	-	-	-	-	-	-	-	-	0.6	70
10.5 - 11.4	-	-	*	0.1	0.1	*	*	-	-	-	-	-	-	-	-	0.2	26
11.5 - 12.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	29.1	45.1	19.7	5.2	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	3406	5290	2314	604	94	10	0	0	0	0	0	0	0	0		11720

(* < 0.05%)

STATION: 46022

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	3
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	-	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.7	96
4.5 - 5.4	-	11.5	5.7	*	-	-	-	-	-	-	-	-	-	-	-	17.2	2258
5.5 - 6.4	-	16.0	21.3	5.2	0.2	-	-	-	-	-	-	-	-	-	-	42.6	5598
6.5 - 7.4	-	9.8	6.5	10.7	2.7	*	-	-	-	-	-	-	-	-	-	29.8	3917
7.5 - 8.4	-	3.7	2.1	0.5	1.6	0.3	-	-	-	-	-	-	-	-	-	8.3	1089
8.5 - 9.4	-	0.6	0.5	0.1	*	-	-	-	-	-	-	-	-	-	-	1.2	159
9.5 - 10.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
TOTAL %	0.0	42.3	36.2	16.6	4.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3	5555	4748	2179	596	45	0	0	0	0	0	0	0	0	0		13126

(* < 0.05%)

STATION: 46022

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.5	184
4.5 - 5.4	*	12.1	6.8	*	-	-	-	-	-	-	-	-	-	-	-	18.9	2319
5.5 - 6.4	*	16.3	20.1	3.6	*	-	-	-	-	-	-	-	-	-	-	40.1	4906
6.5 - 7.4	-	12.6	8.6	6.6	1.2	0.1	-	-	-	-	-	-	-	-	-	29.0	3552
7.5 - 8.4	-	3.0	3.8	0.5	0.6	0.1	*	-	-	-	-	-	-	-	-	8.0	984
8.5 - 9.4	-	1.2	0.6	*	-	*	-	-	-	-	-	-	-	-	-	1.9	229
9.5 - 10.4	-	0.3	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.5	63
10.5 - 11.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.0	46.7	40.4	10.8	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	5718	4950	1324	218	26	1	0	0	0	0	0	0	0	0		12242

(* < 0.05%)

STATION: 46022

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.4	46
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	54
4.5 - 5.4	-	5.7	3.7	0.1	-	-	-	-	-	-	-	-	-	-	-	9.5	1106
5.5 - 6.4	-	11.9	15.2	3.7	0.1	-	-	-	-	-	-	-	-	-	-	31.0	3588
6.5 - 7.4	-	10.9	11.6	8.7	2.2	0.1	-	-	-	-	-	-	-	-	-	33.5	3876
7.5 - 8.4	-	4.6	5.2	2.5	1.4	0.4	-	-	-	-	-	-	-	-	-	14.1	1630
8.5 - 9.4	-	1.7	2.5	1.3	0.3	0.1	-	-	-	-	-	-	-	-	-	5.8	677
9.5 - 10.4	-	0.4	1.0	0.6	0.1	0.1	*	-	-	-	-	-	-	-	-	2.2	258
10.5 - 11.4	-	0.1	0.3	0.5	0.2	0.1	0.1	*	-	-	-	-	-	-	-	1.3	147
11.5 - 12.4	-	*	0.2	0.4	0.2	*	0.1	*	-	-	-	-	-	-	-	0.8	97
12.5 - 13.4	-	-	*	0.4	0.2	*	*	-	-	-	-	-	-	-	-	0.6	72
13.5 - 14.4	-	-	*	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	0.3	31
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.4	35.7	39.8	18.3	4.7	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	

TOTAL N 46 4139 4615 2121 548 93 20 3 0 0 0 0 0 0 0 11585
 (* < 0.05%)

STATION: 46022

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

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	30
4.5 - 5.4	-	2.0	2.1	0.1	-	-	-	-	-	-	-	-	-	-	-	4.3	496
5.5 - 6.4	-	4.2	9.2	3.8	0.5	-	-	-	-	-	-	-	-	-	-	17.7	2067
6.5 - 7.4	-	4.5	12.7	8.8	1.7	0.3	-	-	-	-	-	-	-	-	-	28.0	3263
7.5 - 8.4	-	3.5	8.6	6.9	2.3	0.5	*	-	-	-	-	-	-	-	-	21.9	2548
8.5 - 9.4	-	1.6	6.7	4.5	1.8	0.3	-	-	-	-	-	-	-	-	-	14.9	1743
9.5 - 10.4	-	0.4	3.0	2.2	1.2	0.6	0.1	-	-	-	-	-	-	-	-	7.6	884
10.5 - 11.4	-	*	1.2	1.0	0.4	0.4	0.1	0.2	-	-	-	-	-	-	-	3.3	387
11.5 - 12.4	-	*	0.6	0.4	0.1	0.1	*	0.1	0.1	-	-	-	-	-	-	1.4	165
12.5 - 13.4	-	-	0.1	0.2	0.1	*	*	*	*	*	*	-	-	-	-	0.5	62
13.5 - 14.4	-	-	*	0.1	*	-	-	-	-	*	*	*	-	-	-	0.1	15
14.5 - 15.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	16.4	44.3	28.1	8.2	2.2	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1915	5161	3279	952	260	39	34	11	5	3	2	0	0	0		11661

STATION: 46022

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	17
4.5 - 5.4	-	0.8	1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	2.4	269
5.5 - 6.4	-	2.0	5.3	3.3	0.2	-	-	-	-	-	-	-	-	-	-	10.8	1230
6.5 - 7.4	-	2.5	8.6	8.3	2.4	0.3	-	-	-	-	-	-	-	-	-	22.1	2522
7.5 - 8.4	-	1.7	9.0	7.9	3.4	0.9	0.1	*	-	-	-	-	-	-	-	23.0	2633
8.5 - 9.4	-	0.9	5.2	7.5	4.4	1.7	0.5	0.1	-	-	-	-	-	-	-	20.2	2311
9.5 - 10.4	-	0.6	2.2	4.2	3.2	1.7	0.6	0.3	0.1	-	-	-	-	-	-	12.9	1470
10.5 - 11.4	-	*	0.6	1.7	1.6	0.8	0.5	0.4	0.1	*	-	-	-	-	-	5.8	662
11.5 - 12.4	-	-	0.2	0.5	0.4	0.3	0.2	0.2	0.1	*	*	-	-	-	-	2.0	230
12.5 - 13.4	-	-	*	0.1	0.1	0.2	0.1	*	*	-	-	-	-	-	-	0.6	63
13.5 - 14.4	-	-	*	*	*	*	-	-	-	*	-	-	-	-	-	0.1	14
14.5 - 15.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	8.7	32.5	33.5	15.8	6.0	2.0	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	999	3713	3826	1805	687	234	113	40	5	1	0	0	0	0		11423

STATION: 46022

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	30
4.5 - 5.4	-	0.7	1.1	0.2	-	-	-	-	-	-	-	-	-	-	-	2.0	229
5.5 - 6.4	-	1.3	4.1	3.0	0.4	-	-	-	-	-	-	-	-	-	-	8.8	989
6.5 - 7.4	-	0.9	4.7	5.7	3.5	0.3	-	-	-	-	-	-	-	-	-	15.1	1705
7.5 - 8.4	-	0.7	5.2	7.5	5.8	2.1	0.3	0.1	-	-	-	-	-	-	-	21.8	2457
8.5 - 9.4	-	1.1	3.7	6.9	6.2	2.8	0.7	0.3	*	-	-	-	-	-	-	21.9	2469
9.5 - 10.4	-	0.6	2.7	3.3	4.7	2.6	1.0	0.3	*	-	-	-	-	-	-	15.1	1706
10.5 - 11.4	-	0.2	1.9	1.8	2.1	2.0	0.8	0.4	0.2	*	-	-	-	-	-	9.5	1072
11.5 - 12.4	-	*	0.6	0.9	0.7	0.9	0.4	0.2	0.1	0.1	*	-	-	-	-	4.0	449
12.5 - 13.4	-	-	0.1	0.4	0.2	0.3	0.1	0.1	*	*	*	-	-	-	-	1.3	148
13.5 - 14.4	-	-	*	0.1	*	*	*	*	-	-	-	-	-	-	-	0.3	29

14.5 - 15.4	-	-	*	*	*	-	*	-	-	-	-	-	-	-	-	0.1	6
15.5 - 16.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	5.8	24.1	29.9	23.6	11.1	3.4	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	660	2722	3373	2668	1258	389	155	51	10	5	0	0	0	0		11291

(* < 0.05%)

STATION: 46022

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

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
0.5 - 1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	83
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
3.5 - 4.4	*	0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	0.5	754
4.5 - 5.4	*	4.3	3.6	0.2	-	-	-	-	-	-	-	-	-	-	-	8.0	11308
5.5 - 6.4	*	6.4	12.0	4.5	0.3	*	-	-	-	-	-	-	-	-	-	23.3	32755
6.5 - 7.4	*	5.5	9.2	8.2	2.9	0.3	*	*	-	-	-	-	-	-	-	26.1	36697
7.5 - 8.4	-	2.4	6.3	5.2	2.9	0.9	0.1	*	*	-	-	-	-	-	-	17.8	25009
8.5 - 9.4	-	0.9	3.5	3.9	2.5	1.0	0.2	*	*	-	-	-	-	-	-	12.1	17026
9.5 - 10.4	-	0.3	1.5	2.0	1.6	1.0	0.3	0.1	*	*	-	-	-	-	-	6.8	9561
10.5 - 11.4	-	*	0.6	0.9	0.7	0.6	0.3	0.1	*	*	-	-	-	-	-	3.4	4754
11.5 - 12.4	-	*	0.2	0.4	0.3	0.2	0.1	0.1	*	*	*	-	-	-	-	1.3	1899
12.5 - 13.4	-	-	*	0.1	0.1	0.1	*	*	*	*	*	*	*	*	-	0.5	678
13.5 - 14.4	-	-	*	*	*	*	*	*	*	*	*	*	*	*	-	0.1	174
14.5 - 15.4	-	-	*	*	*	*	*	-	-	-	-	-	-	-	-	0.0	33
15.5 - 16.4	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	0.0	16
16.5 - 17.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	4
17.5 - 18.4	-	-	-	-	-	-	-	*	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.1	20.4	36.8	25.5	11.4	4.1	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	110	28694	51783	35901	16049	5820	1625	554	162	31	18	6	3	0	0		140756

(* < 0.05%)

STATION: 46022

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
0.5 - 1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	34
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
3.5 - 4.4	*	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	92
4.5 - 5.4	*	0.7	1.3	0.3	-	-	-	-	-	-	-	-	-	-	-	2.3	785
5.5 - 6.4	-	1.1	4.7	3.9	0.3	-	-	-	-	-	-	-	-	-	-	10.0	3389
6.5 - 7.4	*	1.2	5.9	6.9	3.6	0.4	-	-	-	-	-	-	-	-	-	17.9	6078
7.5 - 8.4	-	1.0	5.8	7.8	5.5	1.8	0.3	*	*	-	-	-	-	-	-	22.2	7519
8.5 - 9.4	-	0.8	4.2	6.8	5.5	2.7	0.6	0.2	*	-	-	-	-	-	-	20.8	7047
9.5 - 10.4	-	0.4	2.6	3.8	3.8	2.5	0.9	0.2	*	*	-	-	-	-	-	14.1	4789
10.5 - 11.4	-	0.1	1.5	1.9	1.6	1.5	0.8	0.3	0.1	*	-	-	-	-	-	7.8	2650
11.5 - 12.4	-	*	0.5	0.8	0.6	0.6	0.3	0.2	0.1	*	*	-	-	-	-	3.2	1079
12.5 - 13.4	-	-	0.1	0.2	0.2	0.2	0.1	0.1	*	*	*	*	*	*	-	1.0	350
13.5 - 14.4	-	-	*	*	0.1	*	*	*	*	*	*	*	*	*	-	0.3	85
14.5 - 15.4	-	-	*	*	*	*	*	-	-	-	-	-	-	-	-	0.1	19
15.5 - 16.4	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	0.0	6
TOTAL %	0.1	5.5	26.6	32.4	21.2	9.7	3.0	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	39	1858	9038	10998	7194	3278	1033	342	104	21	14	4	3	0	0		33926

(* < 0.05%)

STATION: 46022

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

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	0.5	179
4.5 - 5.4	*	2.6	3.8	0.4	-	-	-	-	-	-	-	-	-	-	-	6.7	2358
5.5 - 6.4	*	4.0	11.7	5.7	0.6	*	-	-	-	-	-	-	-	-	-	22.1	7745
6.5 - 7.4	-	4.2	11.1	8.2	3.4	0.5	*	*	-	-	-	-	-	-	-	27.5	9630

7.5 - 8.4	-	2.2	8.3	6.4	2.8	0.9	0.1	-	-	-	-	-	-	-	-	20.7	7254
8.5 - 9.4	-	0.8	4.2	4.3	2.6	0.7	0.1	*	-	-	-	-	-	-	-	12.8	4501
9.5 - 10.4	-	0.3	1.2	1.9	1.4	0.7	0.2	*	-	-	-	-	-	-	-	5.8	2021
10.5 - 11.4	-	*	0.2	0.8	0.7	0.5	0.2	0.1	*	-	-	-	-	-	-	2.5	877
11.5 - 12.4	-	-	*	0.2	0.2	0.3	0.2	*	-	-	-	-	-	-	-	0.9	325
12.5 - 13.4	-	-	-	0.1	0.1	0.1	*	*	*	-	-	-	-	-	-	0.4	131
13.5 - 14.4	-	-	-	*	*	*	*	-	-	-	-	-	-	-	-	0.1	29
14.5 - 15.4	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	0.0	11
15.5 - 16.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	7
16.5 - 17.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	4
17.5 - 18.4	-	-	-	-	-	-	-	*	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	14.6	40.7	28.1	11.8	3.8	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	15	5104	14268	9860	4132	1337	288	62	7	0	0	0	0	0	0		35073

(* < 0.05%)

STATION: 46022

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	3
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	-	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1.0	382
4.5 - 5.4	*	10.5	6.5	*	-	-	-	-	-	-	-	-	-	-	-	17.0	6294
5.5 - 6.4	*	14.0	20.7	4.9	0.1	-	-	-	-	-	-	-	-	-	-	39.7	14736
6.5 - 7.4	-	10.3	8.7	9.1	2.4	0.1	-	-	-	-	-	-	-	-	-	30.5	11328
7.5 - 8.4	-	3.1	3.5	1.1	1.2	0.3	*	-	-	-	-	-	-	-	-	9.2	3425
8.5 - 9.4	-	0.7	0.8	0.4	0.1	*	*	-	-	-	-	-	-	-	-	2.0	747
9.5 - 10.4	-	0.1	0.2	0.1	*	*	-	-	-	-	-	-	-	-	-	0.4	139
10.5 - 11.4	-	-	*	*	*	*	*	-	-	-	-	-	-	-	-	0.1	31
11.5 - 12.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	39.6	40.4	15.7	3.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	10	14679	14988	5817	1418	165	11	0	0	0	0	0	0	0	0		37088

(* < 0.05%)

STATION: 46022

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

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.1	46
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	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	101
4.5 - 5.4	-	2.9	2.4	0.1	-	-	-	-	-	-	-	-	-	-	-	5.4	1871
5.5 - 6.4	-	6.1	9.9	3.6	0.3	-	-	-	-	-	-	-	-	-	-	19.9	6885
6.5 - 7.4	-	6.0	11.0	8.6	2.1	0.2	-	-	-	-	-	-	-	-	-	27.9	9661
7.5 - 8.4	-	3.3	7.6	5.8	2.4	0.6	*	*	-	-	-	-	-	-	-	19.6	6811
8.5 - 9.4	-	1.4	4.8	4.4	2.1	0.7	0.2	*	-	-	-	-	-	-	-	13.6	4731
9.5 - 10.4	-	0.5	2.1	2.3	1.5	0.8	0.2	0.1	*	-	-	-	-	-	-	7.5	2612
10.5 - 11.4	-	*	0.7	1.1	0.7	0.4	0.2	0.2	*	*	-	-	-	-	-	3.4	1196
11.5 - 12.4	-	*	0.3	0.4	0.2	0.1	0.1	0.1	0.1	*	*	-	-	-	-	1.4	492
12.5 - 13.4	-	-	0.1	0.2	0.1	0.1	*	*	*	*	*	-	-	-	-	0.6	197
13.5 - 14.4	-	-	*	0.1	0.1	*	-	-	-	*	*	*	-	-	-	0.2	60
14.5 - 15.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	3
15.5 - 16.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.1	20.3	38.9	26.6	9.5	3.0	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	46	7053	13489	9226	3305	1040	293	150	51	10	4	2	0	0	0		34669

(* < 0.05%)

Summary complete: 09-Sep-2003 07:23:52