Summary created: 09-Sep-2003 05:27:50

STATION: 46028

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (12/1983 - 12/2001) (129686 RECORDS, 99.7% 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
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	2	#
21	-	-	-	-	-	-	-	-	-	-	-	-	2	#	3	#	3	#	9	999	-	-	-	-	17	999
20	-	-	1	#	-	-	-	-	-	-	-	-	3	999	5	999	8	999	18	999	3	#	-	-	38	999
19	-	-	1	999	-	-	-	-	-	-	7	#	18	999	12	999	40	999	34	998	6	999	-	-	118	999
18	1	#	10	999	-	-	1	#	5	#	53	999	74	998	89	998	251	995	192	995	34	999	-	-	710	999
17	5	999	26	999	5	#	6	999	8	999	79	995	360	992	600	990	971	972	911	978	250	996	5	#	3226	993
16	37	999	64	996	22	999	29	999	89	999	197	988	1136	963	1953	938	2701	881	1967	901	838	974	88	999	9121	968
15	236	996	213	988	164	997	117	997	355	991	1065	970	2228	872	3689	767	3525	630	3241	734	1997	900	892	992	17722	898
14	1375	971	1110	963	1113	979	670	985	1204	961	2696	876	4171	692	3341	444	2369	301	3212	458	3050	724	2586	915	26897	761
13	2732	827	1970	833	2429	855	2737	921	3557	857	3628	637	3295	356	1586	152	796	81	1870	185	3246	455	3486	690	31332	554
12	2730	542	2245	602	2444	585	3177	660	3710	551	2443	316	927	90	148	13	68	7	280	26	1308	168	2263	388	21743	312
11	1808	257	1757	339	1999	314	2638	357	2259	232	1073	100	186	16	5	*	1	*	25	2	513	53	1516	191	13780	145
10	537	68	745	133	711	92	882	105	412	37	51	5	8	1	-	-	-	-	-	-	79	8	418	60	3843	38
9	106	12	258	46	102	13	188	21	21	2	-	-	-	-	-	-	-	-	-	-	9	1	117	23	801	9
8	6	1	79	16	16	2	23	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	13	194	3
7	-	-	47	7	-	-	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	7	100	1
6	-	-	7	1	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	3	30	*
5	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1	9	*
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	2	*
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	-	-	1	*
MEAN	12.3		12.0		12.1		11.9		12.3		13.1		14.0		14.7		15.1		14.7		13.7		12.7		13.3	
S.D.	1.2		1.5		1.2		1.2		1.1		1.3		1.3		1.1		1.2		1.3		1.4		1.5		1.7	
TOTAL	9573		8535		9005		10472		11620		11292		12408		11431		10734		11761		11333		11522		129686	
MAX	17.5		20.0		17.3		17.6		18.2		18.8		20.7		20.8		20.8		21.7		20.3		17.1		21.7	
DATE	1996011122		1995022022		1996030800		1999041702		1997051700		1992062923		1992071101		1991081322		1990092619		1985100401		1993110222		1989122600		1985100401	
MIN	8.0		4.6		7.8		6.4		9.1		9.7		10.2		11.4		0.0		10.5		8.9		4.3		0.0	
DATE	1990011709		1989020510		1999031506		1999040903		1999052116		1999060216		1999070917		2000080212		1998090918		1996103016		1985111215		1990122119		1998090918	

(* < 0.05% , # = 100.0%)

STATION: 46028

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (12/1983 - 12/2001) (110307 RECORDS, 84.8% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
22	-	-	-	-	-	-	-	-	-	-	4	#	-	-	-	-	-	-	-	-	-	-	-	-	4	#
21	-	-	-	-	-	-	-	-	-	-	38	999	-	-	-	-	-	-	-	-	-	-	-	-	38	999
20	-	-	-	-	-	-	-	-	-	-	74	996	2	#	63	#	2	#	-	-	-	-	-	-	141	999
19	-	-	-	-	-	-	-	-	-	-	42	989	63	999	134	994	209	999	1	#	-	-	-	-	449	998
18	-	-	-	-	-	-	-	-	-	-	72	985	125	994	371	980	785	977	84	999	-	-	-	-	1437	994
17	-	-	-	-	-	-	-	-	-	-	96	978	450	983	1486	943	1696	893	804	991	184	#	-	-	4716	981
16	-	-	2	#	1	#	3	#	6	#	341	969	1340	943	2532	793	2561	711	2301	905	534	978	84	#	9705	938
15	221	#	103	999	74	999	54	999	258	999	1408	937	2197	825	2252	539	2429	436	2864	659	2245	915	1371	990	15476	851
14	2107	972	1312	985	1491	991	1126	994	1664	974	1785	804	3277	631	1428	312	908	175	2153	354	2746	650	2450	834	22447	710
13	3554	710	2842	804	2623	807	2383	869	3020	811	3054	635	2413	341	1249	169	606	77	1071	124	2387	326	3894	554	29096	507
12	1613	266	1936	411	2982	483	2580	606	2735	515	2033	346	1092	127	350	43	113	12	87	9	377	44	823	110	16721	243
11	520	65	1034	143	895	114	2392	321	1971	246	1432	153	340	31	79	8	-	-	-	-	-	-	137	16	8800	91
10	-	-	-	-	31	4	508	56	462	53	190	18	8	1	-	-	-	-	-	-	-	-	-	-	1199	12
9	-	-	-	-	-	-	-	-	78	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	1
MEAN	12.9		12.6		12.6		12.1		12.3		13.1		14.1		15.2		15.7		14.9		14.0		13.4		13.6	
S.D.	0.8		0.9		0.9		1.1		1.2		1.7		1.5		1.6		1.4		1.2		1.1		0.9		1.7	
TOTAL	8015		7229		8097		9046		10194		10569		11307		9944		9309		9365		8473		8759		110307	
MAX	15.2		15.6		15.9		16.4		15.7		22.4		19.8		20.4		19.7		18.8		17.4		15.9		22.4	
DATE	1996011223		1995022021		1996030800		2001041623		1996051819		1992062520		1993072902		1993082823		1993090100		1987100523		1987110103		1986121116		1992062520	
MIN	11.2		10.6		10.2		9.6		9.0		9.7		9.8		11.0		11.7		11.9		11.6		11.3		9.0	
DATE	1989012916		2001021218		1990031116		1997042906		1999052017		1994062914		1994070105		2001082210		2001093008		1990101709		1985112317		2001121710		1999052017	

(* < 0.05% , # = 100.0%)

STATION: 46028

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (12/1983 - 12/2001) (110285 RECORDS, 84.8% 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
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#
5	-	-	4	#	-	-	4	#	-	-	-	-	6	#	-	-	1	#	6	999	-	-	-	-	21	999
4	-	-	11	999	-	-	9	999	2	#	-	-	25	999	5	#	6	999	11	999	4	#	-	-	73	999
3	11	#	41	998	1	#	11	999	38	999	35	#	48	997	6	999	98	999	24	998	7	999	6	#	326	999
2	89	999	106	992	40	999	249	997	416	996	531	997	456	993	575	999	351	989	182	996	98	999	102	999	3195	996
1	764	988	702	978	687	995	1540	970	2317	955	2324	946	2281	953	1611	941	1323	951	1426	976	1029	987	788	988	16792	967
0	2620	892	2396	880	3202	910	3391	799	3700	728	4359	727	3997	751	2897	779	2986	809	3276	824	3110	866	2791	898	38725	815
-1	3137	565	2575	549	3077	515	2765	424	3121	365	2232	314	3123	397	2833	487	2503	488	2929	474	2763	499	3163	579	34221	464
-2	1093	174	998	193	955	134	933	118	580	59	716	103	956	121	1581	202	1276	219	1297	161	1186	173	1408	218	12979	154
-3	242	38	232	55	115	16	123	15	19	2	310	35	320	36	320	43	487	82	205	23	229	33	369	57	2971	36
-4	48	7	91	23	18	2	13	2	-	-	60	6	83	8	92	11	239	30	8	1	43	6	102	15	797	9
-5	11	1	55	10	-	-	2	*	-	-	-	-	9	1	18	2	37	4	-	-	4	*	23	3	159	2
-6	-	-	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1	19	*
-7	-	-	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	*
-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
-15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	-	-	1	*
-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	-0.6		-0.7		-0.5		-0.3		-0.1		-0.1		-0.2		-0.5		-0.6		-0.4		-0.5		-0.7		-0.4	
S.D.	1.0		1.1		0.8		1.0		0.9		1.0		1.1		1.2		1.3		1.0		1.0		1.0		1.1	
TOTAL	8015		7228		8095		9040		10193		10567		11304		9938		9308		9365		8473		8759		110285	
MAX	3.2		5.1		2.7		5.1		3.6		3.0		4.8		4.4		4.9		5.7		4.3		2.8		5.7	
DATE	1989012020		1995022022		1987033022		1989040520		2001053123		1989062002		1985070909		1991081318		1990092623		1985100400		1989111916		1985121718		1985100400	
MIN	-5.0		-7.1		-4.2		-4.6		-3.0		-4.4		-5.2		-5.4		-16.4		-4.2		-4.9		-6.3		-16.4	
DATE	1996012209		1996022516		1995032311		1999040903		2001052112		1992062317		1993071213		1993082517		1998090918		1998101916		1985111121		1987122918		1998090918	

(* < 0.05% , # = 100.0%)

STATION: 46028

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C) -- POR: (2/1989 - 7/1991) (11173 RECORDS, 8.6% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
17	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	#	6	#	-	-	-	-	8	#
16	-	-	-	-	-	-	-	-	-	-	-	-	6	999	-	-	16	992	108	995	5	#	-	-	135	999
15	-	-	-	-	-	-	-	-	7	#	24	#	48	994	-	-	80	867	232	901	32	974	-	-	423	987
14	-	-	-	-	-	-	10	#	81	997	137	989	145	956	18	#	28	242	294	699	73	811	-	-	786	949
13	-	-	-	-	29	#	103	995	162	960	536	925	329	841	87	895	3	23	284	443	63	439	-	-	1596	879
12	-	-	7	#	157	973	450	947	182	887	429	676	579	580	66	386	-	-	155	197	19	117	-	-	2044	736
11	-	-	34	990	160	828	430	738	382	805	350	476	149	121	-	-	-	-	43	62	4	20	-	-	1552	553
10	-	-	99	939	117	681	428	538	573	633	459	313	3	2	-	-	-	-	23	24	-	-	-	-	1702	414
9	-	-	92	790	174	572	360	339	549	375	160	100	-	-	-	-	-	-	5	4	-	-	-	-	1340	262
8	-	-	80	653	161	412	212	172	235	127	54	25	-	-	-	-	-	-	-	-	-	-	-	-	742	142
7	-	-	98	533	108	263	85	73	40	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	331	76
6	-	-	92	386	81	163	41	33	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	221	46
5	-	-	45	249	58	89	17	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	26
4	-	-	19	181	23	35	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	15
3	-	-	15	153	10	14	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	11
2	-	-	7	130	4	5	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	9
1	-	-	6	120	1	1	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	7
0	-	-	4	111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7
-1	-	-	4	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6
-2	-	-	7	99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	6
-3	-	-	10	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	5
-4	-	-	13	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	4
-5	-	-	17	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	3
-6	-	-	6	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2
-7	-	-	6	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1
-8	-	-	5	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1
-9	-	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*
-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	-		6.3		8.9		10.1		10.1		11.4		12.5		12.6		14.8		13.6		13.6		-		10.8	
S.D.	-		4.3		2.3		1.8		1.6		1.5		1.0		0.6		0.6		1.4		1.0		-		2.6	
TOTAL	-		668		1083		2150		2218		2149		1260		171		128		1150		196		-		11173	
MAX	-		12.2		13.1		13.7		14.7		15.4		16.8		14.1		16.7		17.0		15.8		-		17.0	
DATE	-		1989022201		1989031920		1990042316		1990053019		1989063020		1990071023		1989080601		1990093022		1990100421		1989110117		-		1990100421	
MIN	-		-9.2		1.2		1.3		5.6		7.5		10.4		11.5		13.2		8.6		10.9		-		-9.2	
DATE	-		1989020700		1989030321		1991041116		1991050118		1991060708		1989071017		1989080418		1989092911		1989102911		1989110614		-		1989020700	

(* < 0.05% , # = 100.0%)

STATION: 46028

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

ELEMENT: AIR - DEW POINT TEMPERATURE (DEGREES C) -- POR: (2/1989 - 7/1991) (11173 RECORDS, 8.6% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
19	-	-	3	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#
18	-	-	2	996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
16	-	-	3	993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999
15	-	-	6	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	999
14	-	-	6	979	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	999
13	-	-	12	970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	998
12	-	-	15	952	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	997
11	-	-	12	930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	996
10	-	-	6	912	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	995
9	-	-	3	903	-	-	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	994
8	-	-	5	898	5	#	4	998	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	15	994
7	-	-	11	891	22	995	11	996	-	-	-	-	-	-	-	-	-	-	7	999	-	-	-	-	51	992
6	-	-	37	874	53	975	27	991	8	#	-	-	-	-	-	-	-	-	10	993	-	-	-	-	135	988
5	-	-	71	819	102	926	69	979	60	996	-	-	-	-	-	-	-	-	29	984	-	-	-	-	331	976
4	-	-	111	713	168	832	173	947	240	969	54	#	-	-	-	-	-	-	47	959	-	-	-	-	793	946
3	-	-	112	546	205	677	477	866	591	861	410	975	49	#	-	-	-	-	77	918	8	#	-	-	1929	875
2	-	-	145	379	194	488	652	644	715	595	750	784	367	961	57	#	4	#	216	851	49	959	-	-	3149	702
1	-	-	70	162	199	308	547	341	363	272	679	435	486	670	105	667	52	969	459	663	106	709	-	-	3066	420
0	-	-	38	57	135	125	186	87	241	109	256	119	358	284	9	53	72	563	304	264	33	168	-	-	1632	146
MEAN		-		4.0		2.6		2.1		2.2		1.6		1.1		1.2		0.5		1.3		1.1		-		1.9
S.D.		-		3.4		1.8		1.3		1.2		0.9		0.7		0.5		0.5		1.3		0.7		-		1.6
TOTAL		-		668		1083		2150		2218		2149		1260		171		128		1150		196		-		11173
MAX		-		18.8		8.4		9.5		6.0		4.3		3.4		2.4		1.9		7.8		3.0		-		18.8
DATE		-	1989020801		1989030321		1991041116		1989052400		1991060622		1989070107		1989080602		1989092907		1989103018		1989110301			-	1989020801	
MIN		-		0.2		0.1		0.0		0.0		0.0		0.0		0.3		0.0		0.0		0.0		-		0.0
DATE		-	1989022116		1989032005		1990042817		1990053017		1991062816		1991070214		1989080814		1990093020		1990101802		1989110903			-	1991070214	

(* < 0.05% , # = 100.0%)

STATION: 46028

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (12/1983 - 12/2001) (129679 RECORDS, 99.7% 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
1035	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
1034	6	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	999
1033	14	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	999
1032	12	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	999
1031	24	997	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	#	29	999
1030	58	994	34	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	31	999	125	999
1029	128	988	58	996	9	#	3	#	-	-	-	-	-	-	-	-	-	-	-	-	30	999	86	997	314	999
1028	200	975	91	989	53	999	4	999	1	#	-	-	-	-	-	-	-	-	-	-	56	997	133	989	538	996
1027	382	954	164	978	84	993	10	999	6	999	-	-	-	-	-	-	-	-	-	-	118	992	287	978	1051	992
1026	460	914	246	959	113	984	52	998	19	999	-	-	-	-	-	-	-	-	5	#	195	982	503	953	1593	984
1025	546	866	374	930	217	971	76	993	20	998	-	-	-	-	-	-	-	-	13	999	368	965	701	909	2315	972
1024	718	809	571	887	443	947	184	986	9	996	-	-	-	-	-	-	-	-	49	998	547	932	845	849	3366	954
1023	666	734	713	820	476	898	313	969	39	995	3	#	7	#	-	-	-	-	96	994	648	884	876	775	3837	928
1022	881	664	792	736	637	845	513	939	113	992	23	999	35	999	-	-	10	#	186	986	924	827	862	699	4976	898
1021	941	572	752	643	740	774	702	890	269	982	54	998	71	997	31	#	39	999	333	970	1080	745	991	624	6003	860
1020	841	474	813	555	841	692	967	823	509	959	217	993	235	991	129	997	147	995	640	942	1193	650	1159	538	7691	814
1019	710	386	695	460	912	599	1195	730	978	915	513	974	558	972	468	986	312	982	950	888	1153	544	991	438	9435	754
1018	654	312	670	379	958	498	1328	616	1395	831	929	928	1092	927	811	945	714	953	1360	807	1145	443	973	352	12029	681
1017	548	243	493	300	830	391	1357	490	1832	711	1266	846	1683	839	1368	874	992	886	1597	691	955	342	778	267	13699	589
1016	440	186	391	242	759	299	1195	360	1541	554	1594	734	1836	703	1740	755	1286	794	1656	555	846	257	578	200	13862	483
1015	303	140	347	196	544	215	945	246	1611	421	1772	593	2019	555	1817	602	1645	674	1553	414	726	183	434	149	13716	376
1014	185	109	319	156	378	154	584	156	1342	282	1660	436	1795	392	1841	443	1532	521	1155	282	438	119	310	112	11539	270
1013	143	89	272	118	293	112	363	100	1007	167	1266	289	1408	248	1407	282	1423	378	901	184	313	80	260	85	9056	181
1012	137	74	164	87	154	80	241	65	544	80	774	177	868	134	906	159	978	245	504	107	159	52	210	62	5639	112
1011	123	60	130	67	121	63	172	42	241	33	482	108	444	64	455	80	581	154	299	64	162	38	168	44	3378	68
1010	71	47	68	52	65	49	103	26	88	13	407	65	197	28	206	40	435	100	186	39	79	24	115	30	2020	42
1009	62	40	60	44	79	42	74	16	22	5	175	29	123	13	141	22	251	59	102	23	69	17	64	20	1222	26
1008	72	33	44	37	82	33	42	9	13	3	72	14	32	3	69	10	152	36	67	14	40	11	46	14	731	17
1007	41	26	40	32	73	24	42	5	17	2	36	8	1	*	40	4	93	22	44	9	24	7	41	10	492	11
1006	49	21	53	27	48	16	8	1	5	1	26	4	-	-	6	1	79	13	26	5	17	5	18	6	335	8
1005	44	16	34	21	22	11	3	*	3	*	16	2	-	-	-	-	40	6	29	3	8	4	13	5	212	5

1004	42	12	37	17	18	8	-	-	-	-	7	1	-	-	-	-	23	2	4	*	12	3	8	4	151	3
1003	20	7	23	13	12	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	2	4	3	68	2
1002	20	5	20	10	12	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	3	3	61	2
1001	8	3	11	8	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	3	2	32	1
1000	5	2	10	6	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	4	2	28	1
999	4	2	5	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	13	1
998	3	1	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	11	1
997	1	1	5	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1	13	1
996	-	-	9	4	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	1	24	1
995	1	1	13	2	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	20	*
994	2	1	8	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	*
993	1	1	-	-	4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	*
992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
991	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*
990	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*
989	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*
988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	1020.2		1019.2		1018.2		1017.5		1016.0		1014.8		1015.1		1014.7		1014.1		1016.0		1018.8		1019.8		1016.9	
S.D.	5.1		5.1		4.4		3.3		2.6		2.6		2.4		2.4		2.8		3.0		3.9		4.5		4.1	
TOTAL	9572		8535		9005		10476		11624		11292		12404		11435		10732		11755		11329		11520		129679	
MAX	1034.7		1030.5		1029.2		1028.9		1027.5		1023.3		1023.2		1021.4		1022.2		1026.2		1029.6		1030.7		1034.7	
DATE	1989010819		1989021019		1988030920		1999040919		1988050119		1992061218		1986071919		1993081019		1988092620		1984101818		1994112718		1998122518		1989010819	
MIN	988.7		993.5		992.6		1004.9		1005.3		1004.0		1007.4		1005.5		1003.8		1003.8		999.9		995.2		988.7	
DATE	1988011720		1991022816		1991030111		1999041112		1990052809		1997060710		1984070702		2001082902		1984092203		1994100413		1985112513		1987121614		1988011720	

(* < 0.05% , # = 100.0%)

STATION: 46028

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (12/1983 - 12/2001) (129663 RECORDS, 99.7% 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
38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	3	999
36	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
35	1	999	1	#	2	#	2	#	2	#	-	-	-	-	-	-	-	-	-	-	-	-	3	999	11	999
34	2	999	-	-	1	999	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	9	999
33	6	999	2	999	2	999	3	999	11	999	3	#	-	-	-	-	-	-	1	#	-	-	12	999	40	999
32	1	999	1	999	6	999	7	999	25	999	2	999	2	#	-	-	-	-	-	-	-	-	6	998	50	999
31	7	999	6	999	5	999	21	999	37	997	12	999	1	999	-	-	-	-	1	999	3	#	7	997	100	999
30	5	998	12	999	23	998	35	997	60	994	27	998	14	999	-	-	4	#	4	999	5	999	11	997	200	998
29	13	998	15	997	36	996	66	993	81	988	65	996	13	999	5	#	7	999	16	999	11	999	22	996	350	997
28	29	996	37	996	50	992	125	987	109	981	148	990	41	998	19	999	15	999	34	998	31	998	31	994	669	994
27	37	993	44	991	99	986	165	975	154	972	251	977	86	994	51	998	33	998	53	995	47	996	52	991	1072	989
26	65	989	70	986	134	975	317	959	292	959	377	955	226	987	129	993	81	995	96	991	116	991	95	987	1998	981
25	67	983	100	978	153	960	282	929	319	934	395	922	264	969	174	982	121	987	135	983	130	981	111	979	2251	965
24	93	976	113	966	165	943	336	902	406	906	429	887	356	948	225	967	159	976	158	971	187	970	140	969	2767	948
23	144	966	148	953	223	925	413	870	551	871	527	849	385	919	305	947	200	961	165	958	216	953	205	957	3482	927
22	143	951	179	936	253	900	456	831	610	824	559	802	422	888	430	921	259	942	236	944	251	934	228	939	4026	900
21	198	936	228	915	302	872	421	787	638	771	529	753	454	854	495	883	267	918	274	924	274	912	279	919	4359	869
20	212	915	248	888	324	839	415	747	648	717	503	706	411	817	523	840	270	893	317	900	332	888	319	895	4522	835
19	268	893	340	859	442	803	516	707	735	661	568	661	534	784	631	794	391	868	413	873	451	859	387	867	5676	800
18	290	865	295	819	363	754	451	658	607	598	529	611	440	740	562	739	365	832	430	838	376	819	366	834	5074	756
17	320	835	337	785	384	713	468	615	557	545	460	564	460	705	532	690	392	798	423	802	447	786	413	802	5193	717
16	345	801	348	745	394	671	467	571	594	497	448	523	526	668	538	643	424	761	434	766	451	746	381	766	5350	677
15	378	765	356	704	441	627	474	526	545	446	396	484	492	625	544	596	445	722	466	729	474	706	435	733	5446	636
14	385	726	408	663	393	578	489	481	445	399	379	449	498	585	476	548	491	680	496	689	501	664	457	695	5418	594
13	420	685	419	615	402	534	413	434	388	361	353	415	479	545	469	507	509	635	523	647	492	620	476	656	5343	552
12	470	641	461	566	508	490	530	395	470	328	405	384	542	506	496	466	649	587	669	602	667	577	527	614	6394	511
11	397	592	430	512	416	433	371	344	335	287	329	348	491	462	413	422	569	527	535	546	551	518	467	569	5304	462
10	433	551	382	461	376	387	384	309	339	259	328	319	460	423	409	386	595	474	601	500	515	469	496	528	5318	421
9	390	506	377	417	403	345	403	272	317	229	333	290	423	385	425	351	524	418	556	449	526	424	548	485	5225	380
8	470	465	450	372	408	301	362	234	316	202	378	260	486	351	439	313	544	370	571	402	581	378	546	438	5551	339
7	503	416	468	320	391	255	330	199	335	175	379	227	535	312	433	275	468	319	589	353	533	326	575	390	5539	297
6	513	363	424	265	381	212	323	168	318	146	386	193	548	269	471	237	543	275	655	303	580	279	602	340	5744	254
5	682	309	521	215	429	170	398	137	404	119	487	159	626	224	582	196	632	225	781	247	717	228	815	288	7074	210
4	626	238	393	154	335	122	294	99	303	84	346	116	592	174	469	145	516	166	639	181	578	165	710	217	5801	155
3	560	173	324	108	302	85	309	71	265	58	342	85	546	126	419	104	469	118	594	127	529	114	658	156	5317	110
2	487	114	293	70	208	51	229	41	211	35	275	55	492	82	357	67	386	74	462	76	379	67	564	99	4343	69
1	338	63	202	36	159	28	115	20	132	17	204	31	344	42	259	36	276	38	276	37	268	34	367	50	2940	36
0	267	28	104	12	94	10	90	9	65	6	143	13	172	14	155	14	136	13	156	13	113	10	207	18	1702	13
MEAN	10.2		11.6		13.0		14.7		15.6		14.9		12.6		12.9		11.4		11.1		11.5		10.8		12.6	
S.D.	6.7		6.7		6.9		7.3		7.2		7.7		7.4		6.9		6.5		6.6		6.7		6.9		7.2	
TOTAL	9566		8536		9007		10482		11624		11295		12361		11435		10740		11759		11332		11526		129663	
MAX	35.8		35.0		35.2		35.2		35.4		33.2		32.1		29.4		30.1		33.2		30.9		37.5		37.5	
DATE	1988011806		1986021421		2001030418		1999040402		1999051306		1995060601		1999070714		1990081305		1992092503		2000102111		2000110620		1987121609		1987121609	
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	1999010310		2001022203		2001031922		2001041617		2001053122		2000061603		2001072620		2001083121		2001091201		2001100719		2001112721		2001121711		2001121711	

(* < 0.05% , # = 100.0%)

STATION: 46028

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

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

ELEMENT: PEAK WIND GUST (KNOTS) -- POR: (12/1983 - 12/2001) (129590 RECORDS, 99.6% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	2	999
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999
45	3	#	1	#	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	10	999
44	-	-	1	999	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	4	999
43	1	999	-	-	1	999	2	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	4	999	9	999
42	5	999	-	-	1	999	3	999	7	999	1	#	-	-	-	-	-	-	-	-	-	-	6	999	23	999
41	3	999	-	-	3	999	3	999	5	999	5	999	1	#	-	-	1	#	-	-	-	-	4	998	25	999
40	2	999	5	999	4	999	7	999	20	999	4	999	2	999	-	-	1	999	1	#	-	-	7	998	53	999
39	3	999	4	999	3	999	12	998	27	997	8	999	2	999	-	-	-	-	-	-	1	#	8	997	68	999
38	3	998	5	999	16	998	18	997	28	995	17	998	4	999	-	-	1	999	2	999	1	999	9	997	104	998
37	7	998	15	998	15	997	27	996	46	992	29	997	9	999	2	#	2	999	9	999	10	999	21	996	192	998
36	17	997	15	996	40	995	62	993	63	988	50	994	12	999	2	999	8	999	12	999	10	999	15	994	306	996
35	15	995	24	995	36	991	79	987	78	983	97	990	24	998	15	999	6	999	25	998	23	998	24	993	446	994
34	27	994	27	992	65	987	122	980	108	976	144	981	54	996	30	998	17	998	29	996	28	996	32	991	683	990
33	38	991	47	989	89	979	178	968	171	967	246	969	104	991	61	996	38	997	56	993	45	994	64	988	1137	985
32	53	987	47	983	80	969	172	951	193	952	247	947	150	983	86	990	52	993	65	989	85	990	52	982	1282	976
31	50	981	70	978	101	961	240	935	248	936	282	925	182	971	114	983	88	988	78	983	99	982	90	978	1642	966
30	60	976	94	969	121	949	229	912	306	914	343	900	239	956	176	973	112	980	111	976	137	973	115	970	2043	954
29	101	970	104	958	171	936	305	890	372	888	380	870	297	937	168	957	142	970	134	967	174	961	140	960	2488	938
28	109	959	115	946	194	917	296	861	401	856	383	836	324	912	266	943	161	956	144	956	162	946	157	948	2712	919
27	107	948	150	933	203	895	363	832	460	822	455	802	331	886	335	919	210	941	179	943	183	932	166	934	3142	898
26	182	937	180	915	271	873	421	798	623	782	522	762	418	859	436	890	224	922	247	928	260	915	270	920	4054	874
25	156	918	208	894	290	843	348	758	488	728	426	716	349	826	440	852	214	901	240	907	254	892	259	896	3672	842
24	187	902	202	870	258	811	336	724	503	686	409	678	366	797	426	814	246	881	264	887	292	870	251	874	3740	814
23	198	882	219	846	272	782	341	692	508	643	379	642	347	768	409	776	239	858	295	864	298	844	274	852	3779	785
22	224	861	259	820	299	752	372	660	473	599	388	608	335	740	437	740	308	836	303	839	302	818	285	828	3985	756
21	263	838	269	790	328	718	380	624	448	559	395	574	370	712	457	702	314	807	369	813	350	791	322	804	4265	725
20	289	810	282	758	344	682	413	588	481	520	377	539	411	682	433	662	321	778	378	782	389	760	341	776	4459	692
19	366	780	375	725	377	644	441	548	607	479	441	505	531	649	543	624	417	748	442	750	443	726	409	746	5392	658
18	296	742	330	681	349	602	384	506	427	426	288	466	395	606	451	577	402	709	402	712	420	687	400	711	4544	616
17	336	711	330	643	364	563	395	470	362	390	330	441	437	574	411	537	426	671	430	678	407	650	405	676	4633	581
16	293	676	334	604	358	523	350	432	332	359	289	412	392	539	378	501	426	632	435	641	423	614	374	641	4384	546
15	365	645	351	565	309	483	375	399	341	330	285	386	375	507	378	468	479	592	457	604	458	576	364	608	4537	512
14	361	607	354	524	369	449	347	363	301	301	278	361	392	477	356	435	475	547	506	565	455	536	396	577	4590	477
13	336	569	358	482	335	408	358	330	316	275	279	336	414	445	346	404	548	503	502	522	475	496	450	542	4717	441
12	444	534	396	440	388	371	372	296	318	248	342	311	467	411	457	374	549	452	592	480	541	454	509	503	5375	405
11	373	488	342	394	369	327	340	260	273	220	315	281	402	373	360	334	491	401	504	429	500	406	477	459	4746	363
10	418	449	353	354	345	287	321	228	284	197	324	253	427	341	362	302	465	355	519	386	472	362	500	418	4790	327
9	397	405	425	313	354	248	262	197	260	172	333	225	467	306	374	271	423	312	521	342	461	320	496	374	4773	290
8	458	364	380	263	332	209	286	172	284	150	346	195	487	268	410	238	447	272	542	298	503	280	549	331	5024	253
7	490	316	381	218	329	172	291	145	315	125	376	164	478	229	443	202	498	231	582	252	512	235	568	284	5263	214
6	543	264	372	174	289	135	287	117	303	98	351	131	456	190	427	163	457	184	568	202	517	190	587	234	5157	174
5	635	208	393	130	333	103	325	89	318	72	372	100	658	153	502	126	543	142	687	154	647	144	743	183	6156	134
4	482	141	291	84	246	66	273	58	223	45	272	67	473	100	344	82	363	91	469	95	402	87	541	119	4379	86
3	389	91	222	50	181	39	179	32	164	26	244	43	380	62	297	52	312	57	350	55	292	52	428	72	3438	52
2	276	50	132	24	94	19	84	15	87	12	141	21	240	31	180	26	201	28	188	26	200	26	260	35	2083	26
1	162	21	55	8	54	9	40	7	35	4	78	9	102	11	82	10	76	9	87	10	67	8	114	12	952	10
0	42	4	16	2	23	3	36	3	13	1	23	2	38	3	34	3	24	2	27	2	25	2	28	2	329	3
MEAN	13.0		14.6		16.3		18.1		19.2		18.5		15.7		16.0		14.2		13.9		14.4		13.8		15.7	
S.D.	8.0		7.9		8.3		8.8		8.6		9.3		8.8		8.2		7.7		7.8		7.9		8.3		8.6	
TOTAL	9565		8533		9005		10476		11621		11294		12342		11428		10727		11751		11323		11525		129590	
MAX	44.9		44.7		44.3		44.5		43.2		42.0		41.0		36.7		40.8		39.7		38.5		50.2		50.2	
DATE	1988011806		1986021421		2001030418		1999040402		1999050904		1995060602		1999070714		1996080306		1988092705		2000102111		2000110620		1983120315		1983120315	
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	1996011121		1996021220		1996030723		2001041617		1989050716		1996062722		2000071318		2001083121		2001091201		2001100718		1996110100		1989121416		2001100718	

(* < 0.05% , # = 100.0%)

STATION: 46028

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) (25386 RECORDS, 16.4% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
47	-	-	-	-	2	#	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	5	#
46	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
45	-	-	-	-	-	-	1	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	1	999	3	999
44	-	-	-	-	3	999	1	999	2	999	-	-	-	-	-	-	-	-	-	-	-	-	1	999	7	999
43	-	-	-	-	2	997	2	998	6	998	-	-	1	#	-	-	-	-	-	-	-	-	-	-	11	999
42	-	-	-	-	1	995	-	-	10	996	-	-	-	-	-	-	-	-	-	-	-	-	2	999	13	999
41	-	-	-	-	1	995	2	997	21	992	-	-	1	999	-	-	-	-	1	#	-	-	2	998	28	998
40	1	#	2	#	4	994	8	996	42	984	2	#	6	999	-	-	-	-	1	999	1	#	7	997	74	997
39	-	-	6	998	10	991	8	992	38	968	7	999	8	997	1	#	-	-	1	999	1	999	3	994	83	994
38	2	999	7	994	15	984	14	988	40	954	9	997	8	994	-	-	-	-	4	999	2	999	5	992	106	991
37	-	-	10	989	17	974	20	981	35	938	10	994	11	991	3	999	-	-	10	997	2	998	9	990	127	987
36	3	998	10	981	21	962	39	971	40	925	32	990	12	987	3	998	2	#	9	992	2	997	13	986	186	982
35	3	996	3	974	22	948	37	952	50	910	58	979	22	982	8	997	6	999	19	988	5	996	18	980	251	975
34	4	994	6	971	32	933	41	933	47	891	61	958	31	974	20	993	12	996	18	980	5	994	17	972	294	965
33	2	991	6	967	41	911	61	913	67	873	94	937	51	962	35	985	18	991	36	971	22	992	30	964	463	953
32	10	990	15	962	39	882	46	882	60	847	110	904	48	943	54	969	24	982	26	955	20	981	26	951	478	935
31	12	983	14	951	34	856	51	859	55	824	107	865	65	925	65	946	40	971	35	943	26	972	35	939	539	916
30	19	975	14	940	42	832	65	834	58	803	117	828	85	901	59	917	33	952	38	927	46	960	39	923	615	895
29	34	963	26	930	40	803	72	802	89	781	122	786	78	869	94	891	41	936	35	910	35	939	46	906	712	871
28	21	940	28	910	39	776	90	766	85	747	137	744	93	839	96	850	35	917	51	894	38	923	51	885	764	843
27	27	926	17	889	51	749	64	721	93	714	134	695	96	805	126	808	40	900	42	871	49	905	57	862	796	812
26	55	908	31	876	34	714	90	689	111	679	126	648	104	768	145	753	47	882	64	852	72	882	64	837	943	781
25	48	872	35	853	40	691	70	644	102	636	100	604	70	729	143	689	37	859	69	823	64	849	64	808	842	744
24	53	840	29	826	29	663	75	609	101	597	103	569	88	703	95	626	50	842	53	791	69	819	70	779	815	711
23	62	805	49	805	45	643	61	572	89	558	73	533	97	670	101	585	43	818	71	767	63	787	67	747	821	679
22	39	764	36	768	44	612	102	542	78	524	62	507	94	633	91	540	54	798	49	735	78	758	61	717	788	646
21	57	738	33	740	60	582	85	491	79	494	49	485	86	598	65	500	57	773	61	712	68	722	77	690	777	615
20	55	700	59	715	56	541	59	448	86	464	69	468	118	566	72	472	68	746	52	685	82	690	75	655	851	585
19	74	664	79	671	59	502	72	419	97	431	89	444	122	521	75	440	66	714	82	661	101	652	86	621	1002	551
18	48	614	49	611	55	462	67	383	59	394	76	412	94	476	57	407	66	682	81	624	82	606	80	583	814	512
17	64	583	64	574	52	424	74	350	87	372	73	386	73	440	52	382	65	651	74	587	113	568	54	547	845	480
16	62	540	65	526	38	388	58	313	59	338	70	360	92	413	43	360	83	621	84	553	93	515	71	522	818	446
15	52	499	71	477	45	362	69	284	54	316	72	335	99	378	72	341	104	581	87	515	113	472	63	490	901	414
14	50	464	66	423	39	331	46	250	53	295	55	310	90	341	78	309	112	532	84	475	88	420	79	462	840	379
13	52	431	67	374	40	304	46	227	63	275	67	291	68	307	72	275	100	479	95	437	123	379	84	426	877	346
12	67	397	61	323	56	277	49	204	53	251	97	267	84	282	69	243	146	432	101	394	124	322	96	389	1003	311
11	87	352	62	277	48	238	52	179	60	230	65	233	69	250	76	213	112	363	102	348	90	265	74	345	897	272
10	65	295	52	230	42	205	43	153	61	207	97	210	63	224	62	180	102	311	104	302	89	223	76	312	856	236
9	63	251	46	191	58	177	52	132	100	184	79	176	90	200	58	153	87	262	104	254	87	182	73	278	897	202
8	66	210	61	156	40	137	36	106	80	146	106	148	85	167	54	127	84	221	121	207	92	141	102	245	927	167
7	66	166	42	110	42	109	55	88	74	115	105	111	79	135	52	104	84	182	99	152	72	99	126	199	896	131
6	82	122	30	78	46	80	42	61	87	87	79	74	88	105	60	81	92	142	71	107	60	65	108	142	845	95
5	54	68	35	56	38	49	40	40	77	54	73	46	84	72	67	54	114	99	89	75	48	38	117	94	836	62
4	28	32	22	29	23	23	29	20	48	24	41	20	56	40	29	25	62	45	39	34	21	15	67	41	465	29
3	15	13	13	13	8	7	3	5	11	6	13	6	41	19	19	12	28	16	23	16	10	6	23	11	207	11
2	5	3	1	3	2	1	-	-	4	2	4	1	7	4	8	4	5	2	9	6	2	1	1	*	48	3
1	-	-	3	2	-	-	2	4	-	-	-	-	2	1	1	*	-	-	3	2	-	-	-	-	11	1
0	-	-	-	-	-	-	6	3	-	-	-	-	1	*	-	-	-	-	1	*	-	-	-	-	8	*
MEAN	15.9		16.8		19.9		21.2		21.1		20.6		18.7		19.7		15.3		16.4		16.8		16.7		18.4	
S.D.	7.7		7.9		9.5		9.0		10.1		9.4		8.9		8.4		7.9		8.5		7.4		9.0		9.0	
TOTAL	1507		1325		1455		2007		2613		2843		2660		2280		2119		2198		2158		2221		25386	
MAX	40.2		39.7		47.0		46.9		45.7		40.4		42.6		39.3		36.0		41.2		40.4		47.4		47.4	
DATE	2001011019		2001020704		2001030418		1999040402		1999050823		2001060403		1999070713		2001082902		2000090503		2000102111		2000110620		2001121019		2001121019	
MIN	1.6		1.0		2.1		0.0		1.7		1.7		0.2		1.2		1.6		0.4		1.7		2.3		0.0	
DATE	1999010310		2001021508		2001032008		2000040613		2001053121		1999062208		2000071316		1999081016		2000091822		2001100717		2001112719		2001122511		2000040613	

(* < 0.05% , # = 100.0%)

STATION: 46028

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS) -- POR: (12/1983 - 12/2001) (122260 RECORDS, 94.0% 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
9.0	4	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	5	#
8.5	4	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	6	999
8.0	4	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	7	999
7.5	10	999	4	999	1	#	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	999	34	999
7.0	19	998	10	999	11	999	5	999	8	#	-	-	-	-	-	-	-	-	2	#	2	#	29	998	86	999
6.5	14	995	22	998	18	999	9	999	12	999	-	-	-	-	-	-	-	-	1	999	8	999	39	995	123	999
6.0	21	994	68	995	36	996	11	998	20	998	-	-	-	-	-	-	-	-	5	999	20	999	94	992	275	998
5.5	52	992	123	986	52	992	37	997	26	996	1	#	-	-	-	-	-	-	22	999	47	997	175	983	535	996
5.0	133	986	226	971	156	986	97	993	34	993	25	999	-	-	1	#	2	#	52	997	152	993	347	967	1225	991
4.5	286	971	362	942	369	967	257	983	104	990	45	998	1	#	-	-	19	999	155	993	281	978	567	936	2446	981
4.0	560	939	535	896	663	922	527	955	238	980	159	993	21	999	15	999	57	998	282	979	551	952	892	884	4500	961

3.5	910	877	802	828	1081	842	831	899	654	956	650	979	144	998	103	999	155	993	517	954	996	900	1325	803	8168	924
3.0	1398	776	1181	725	1280	711	1315	810	1404	892	1552	919	752	986	482	989	517	978	1171	908	1510	805	1698	682	14260	858
2.5	1892	621	1557	575	1448	556	1669	670	2411	753	2452	777	2342	925	1737	946	1565	930	1997	804	2086	662	1868	528	23024	741
2.0	2014	411	1509	376	1493	380	2008	491	2923	515	2782	552	3737	733	3681	790	3063	783	2848	626	2249	465	1875	357	30182	553
1.5	1262	188	1084	184	1120	199	1947	277	1853	227	2342	297	3559	426	3814	459	3846	495	3135	373	2029	252	1521	187	27512	306
1.0	363	48	348	45	457	63	634	68	443	44	868	82	1603	135	1282	117	1407	134	1033	94	628	60	513	48	9579	81
0.5	67	7	7	1	65	8	1	1	4	*	25	2	41	3	15	1	20	2	22	2	7	1	14	1	288	2
0.0	-	-	-	-	-	-	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	*
MEAN		2.6		2.7		2.7		2.4		2.3		2.2		1.9		1.9		1.8		2.1		2.5		2.8		2.3
S.D.		1.0		1.1		1.0		0.9		0.8		0.7		0.6		0.5		0.6		0.8		0.9		1.1		0.9
TOTAL		9013		7840		8250		9355		10134		10901		12200		11130		10651		11242		10566		10978		122260
MAX		9.0		8.3		7.3		7.7		7.2		5.3		4.3		5.0		4.9		6.9		7.1		8.8		9.0
DATE		1990013107		1984022507		1995032320		1999040403		2001050208		1995060704		1999070708		2001083012		1987091619		2000102914		1998112620		1983120400		1990013107
MIN		0.4		0.7		0.6		0.0		0.7		0.6		0.6		0.6		0.5		0.5		0.7		0.6		0.0
DATE		1999010703		1991020101		1997031613		2000040614		1997052400		1992062805		1988072112		1988080621		1992093008		1988101311		1989113006		1985122012		2000040614

(* < 0.05% , # = 100.0%)

STATION: 46028

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

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (12/1983 - 12/2001) (122248 RECORDS, 94.0% 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
18	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
17	6	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#	8	999
16	8	999	-	-	2	#	-	-	-	-	-	-	-	-	-	-	7	999	-	-	3	#	13	999	33	999
15	24	998	7	#	4	999	-	-	4	#	-	-	-	-	-	-	13	999	1	#	9	999	45	999	107	999
14	72	996	20	999	14	999	4	#	3	999	-	-	-	-	-	-	14	998	1	999	30	999	66	995	224	999
13	161	988	75	997	37	998	19	999	3	999	1	#	-	-	-	-	37	997	37	999	103	996	233	989	706	997
12	437	970	259	987	121	993	36	998	20	999	7	999	-	-	1	#	64	993	173	997	179	986	598	967	1895	991
11	796	921	549	954	272	978	143	994	41	997	35	999	2	#	14	999	112	987	353	981	399	969	1010	913	3726	976
10	1151	833	917	884	636	945	390	978	141	993	135	996	76	999	100	999	266	977	803	950	945	932	1473	821	7033	945
9	1518	705	1279	767	1291	868	934	937	622	979	610	984	713	994	523	990	974	952	1505	878	1699	842	1885	686	13553	888
8	1782	537	1833	604	1823	712	1819	837	1396	918	1676	928	2116	935	1483	943	1730	860	2176	744	2407	681	2269	514	22510	777
7	1663	339	1588	370	2178	491	2517	642	2463	780	2437	774	2773	762	2119	809	2410	698	2583	551	2579	454	1872	308	27182	593
6	1016	155	972	167	1503	227	2648	373	3539	537	3716	550	3500	534	3842	619	2809	472	2574	321	1654	209	1173	137	28946	370
5	346	42	326	43	358	45	812	90	1843	188	2216	210	2881	248	2996	274	2066	208	1028	92	547	53	305	30	15724	134
4	32	4	15	2	11	1	28	4	59	6	68	6	139	11	52	5	148	14	8	1	12	1	23	2	595	5
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
0	-	-	-	-	-	-	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	*
MEAN		8.5		8.2		7.7		7.1		6.6		6.5		6.5		6.3		6.8		7.4		7.8		8.6		7.3
S.D.		2.0		1.8		1.6		1.4		1.3		1.2		1.2		1.2		1.6		1.6		1.7		2.0		1.7
TOTAL		9013		7840		8250		9355		10134		10901		12200		11130		10651		11242		10566		10966		122248
MAX		17.8		15.3		16.0		14.2		14.8		12.8		11.2		12.1		16.7		14.7		15.8		16.5		17.8
DATE		1986012308		1988022506		1999032205		1987040213		1986050201		1985061917		1988072412		1988080623		1990092601		1987103103		1998112617		1985122310		1986012308
MIN		3.7		4.1		3.8		0.0		3.9		4.0		3.9		4.1		3.8		4.2		3.8		3.7		0.0
DATE		1984011913		1984020605		1984030521		2000040614		1985051108		1991062603		1988071217		1991082806		1990091414		1992101212		1985112108		1983122318		2000040614

(* < 0.05% , # = 100.0%)

STATION: 46028

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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (12/1983 - 12/2001) (122238 RECORDS, 94.0% 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
25	85	#	25	#	28	#	5	#	4	#	-	-	2	#	-	-	36	#	5	#	18	#	49	#	257	#
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	998
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	998
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	998
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	998
20	515	991	353	997	276	997	153	999	94	999	117	#	113	999	97	#	179	997	252	999	322	998	520	996	2991	998
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	973
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	973
17	1398	933	1325	952	1018	963	921	983	699	990	662	989	945	991	685	991	860	980	1137	977	1209	968	1908	948	12767	973
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	869
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	869
14	2816	778	2425	783	2084	840	1775	885	1066	921	763	929	759	913	636	930	1310	899	2083	876	2761	853	3390	774	21868	869
13	2020	466	1838	473	1824	587	1957	695	969	816	670	859	330	851	305	873	1066	776	2292	691	2503	592	2401	466	18175	690
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	541
11	736	242	808	239	1211	366	1455	486	1296	720	1124	797	839	824	691	845	1248	676	1680	487	1425	355	1195	247	13708	541
10	421	160	346	136	637	219	903	330	1589	592	1860	694	1855	755	1512	783	1516	559	1202	337	749	220	600	138	13190	429
9	295	113	210	92	361	142	609	234	1291	436	1748	523	2186	603	1770	647	1077	416	844	230	465	149	294	83	11150	321

8	332	81	237	65	401	98	667	169	1193	308	1713	363	2384	424	2393	488	1325	315	653	155	552	105	239	57	12089	230
7	161	44	108	35	187	50	380	97	782	190	1027	206	1175	228	1228	273	719	191	442	97	277	53	145	35	6631	131
6	160	26	96	21	138	27	390	57	805	113	869	111	1081	132	1248	163	893	123	482	58	164	26	156	22	6482	77
5	57	8	59	9	75	10	116	15	326	34	298	32	475	44	505	51	367	40	153	15	105	11	73	7	2609	24
4	15	2	10	1	9	1	19	3	13	1	48	4	56	5	57	5	53	5	14	1	10	1	9	1	313	3
3	1	*	-	-	-	-	-	-	1	*	-	-	-	-	-	-	1	*	-	-	-	-	-	-	3	*
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
0	-	-	-	-	-	-	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	*
MEAN	13.5		13.4		12.7		11.8		10.3		9.9		9.6		9.3		10.6		11.8		12.6		13.5		11.5	
S.D.	3.3		3.0		3.1		3.1		3.2		3.1		3.2		3.1		3.5		3.2		3.0		3.0		3.5	
TOTAL	9012		7840		8249		9355		10128		10899		12200		11127		10650		11239		10560		10979		122238	
MAX	25.0		25.0		25.0		25.0		25.0		20.0		25.0		20.0		25.0		25.0		25.0		25.0		25.0	
DATE	2001011902		1999022816		1999032516		2000040608		1989050107		2000062823		1996072403		2001080403		2000092805		1998103006		2001110909		2001122710		2001122710	
MIN	3.3		3.8		3.8		0.0		3.4		3.6		3.6		3.7		3.1		3.8		3.6		3.7		0.0	
DATE	1984011910		1989021702		1989030208		2000040614		1985051108		1991062603		1995072207		1999081204		1986091619		1986103009		1985112108		1990120500		2000040614	

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: 46028
(A) TOTAL STDMET RECORDS READ = 130103
(B) TOTAL CWIND RECORDS READ = 154608
(C) TOTAL RECORDS USED IN STATS = 284711

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	129686	110307	110285	11173	129679	129663	129590	25386	122260	122248	122238	0
(E) ELEMENT OUT OF RANGE	417	19796	19818	118930	424	440	513	129222	7843	7855	7865	130103

STATION: 46028 -- POR (12/1983 - 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
1983	MEAN	-	-	-	-	-	-	-	-	-	-	-	13.2	13.2
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	16.0	16.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	08-21	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	10.4	10.4
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	21-15	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	611	611
1984	MEAN	12.7	12.3	12.4	11.1	11.3	12.2	14.5	15.2	16.6	14.6	13.6	12.0	13.2
	MAXIMUM	16.0	14.7	14.7	15.3	14.1	13.8	16.8	18.0	20.8	18.8	15.8	16.5	20.8
	DAY-HR	28-18	27-23	19-21	14-22	28-02	16-20	14-02	11-00	09-00	26-00	13-23	07-22	SEP
	MINIMUM	10.2	9.7	9.1	9.0	9.6	10.7	11.8	13.0	13.6	10.7	10.9	8.6	8.6
	DAY-HR	16-18	21-15	31-11	26-14	01-11	16-12	11-08	09-12	03-15	19-11	25-17	18-15	DEC
	# OBS	743	693	735	718	743	719	740	741	718	744	716	739	8749
1985	MEAN	12.0	10.8	-	-	12.2	14.0	14.3	15.0	15.5	14.6	12.0	12.7	13.7
	MAXIMUM	14.7	11.6	-	-	14.2	17.6	18.1	18.1	18.6	21.7	14.4	16.0	21.7
	DAY-HR	05-08	01-00	-	-	17-23	22-02	09-09	14-02	26-01	04-01	10-18	17-18	OCT
	MINIMUM	8.7	9.7	-	-	10.3	11.4	11.4	13.0	12.7	12.1	8.9	9.4	8.7
	DAY-HR	18-06	02-18	-	-	08-14	11-14	14-17	09-12	25-11	29-14	12-15	27-11	JAN
	# OBS	610	22	-	-	578	720	738	744	719	742	717	741	6331
1986	MEAN	13.4	13.2	13.3	12.3	11.9	13.9	14.2	14.5	15.0	14.8	14.3	14.1	13.7
	MAXIMUM	16.0	16.1	15.3	15.5	15.0	16.5	18.3	16.7	17.4	18.1	17.2	15.8	18.3
	DAY-HR	09-18	26-22	20-01	20-22	03-01	12-01	23-22	18-05	17-23	04-22	02-20	17-23	JUL
	MINIMUM	10.0	11.4	10.1	10.3	10.1	11.4	11.8	13.0	12.4	12.6	11.4	12.3	10.0
	DAY-HR	07-22	08-13	16-20	30-11	19-15	21-19	02-15	26-17	01-17	20-17	27-17	09-16	JAN
	# OBS	743	660	738	718	739	717	744	742	718	740	695	744	8698
1987	MEAN	12.6	13.0	12.4	12.0	13.0	13.4	14.6	15.5	15.5	15.7	15.0	12.6	13.8
	MAXIMUM	14.8	18.3	16.1	16.0	15.0	16.0	16.9	18.4	17.4	21.3	17.9	15.8	21.3
	DAY-HR	03-17	08-01	30-22	21-00	15-00	16-00	22-03	21-01	07-01	06-00	04-18	06-23	OCT
	MINIMUM	8.3	7.6	9.0	9.8	11.3	11.4	12.4	13.0	13.4	12.5	13.0	7.0	7.0
	DAY-HR	16-12	25-00	19-18	14-18	03-15	25-16	09-14	03-16	29-14	16-15	25-19	29-18	DEC
	# OBS	740	670	742	717	741	716	741	741	677	741	714	743	8683
1988	MEAN	12.3	12.6	12.2	12.6	12.6	13.8	13.8	15.5	14.5	13.8	13.6	11.9	13.3
	MAXIMUM	15.6	18.1	15.1	16.5	16.2	16.4	17.2	18.6	16.6	19.8	17.0	15.5	19.8
	DAY-HR	25-23	11-22	31-23	10-01	21-02	22-20	21-00	07-02	25-23	16-22	04-21	01-00	OCT
	MINIMUM	10.1	9.9	10.1	9.6	9.3	11.4	10.3	12.0	12.0	11.3	10.9	7.5	7.5
	DAY-HR	31-15	02-02	18-17	02-15	05-22	06-13	10-14	19-16	29-15	01-09	14-12	25-18	DEC
	# OBS	742	694	744	715	742	719	741	742	717	743	718	742	8759
1989	MEAN	11.1	10.2	11.8	12.8	13.0	13.7	13.3	13.8	15.3	14.7	14.5	14.0	13.0
	MAXIMUM	15.1	13.0	14.1	16.8	15.8	16.4	15.5	16.4	17.2	17.9	18.7	17.1	18.7
	DAY-HR	20-20	25-22	19-00	05-20	03-22	30-16	01-02	06-01	30-01	30-23	19-16	26-00	NOV

	MINIMUM	8.5	4.6	9.0	9.6	11.6	11.0	11.1	12.1	14.2	12.0	11.6	11.5	4.6
	DAY-HR	31-10	05-10	03-07	24-21	27-13	02-15	22-16	04-16	29-10	20-05	14-18	27-07	FEB
	# OBS	743	668	741	717	734	717	740	210	54	740	718	739	7521
1990	MEAN	12.8	11.1	10.9	12.4	12.7	13.7	14.6	15.9	16.3	15.1	14.3	11.7	13.6
	MAXIMUM	15.9	14.8	12.6	14.1	15.4	15.6	18.3	18.6	20.8	19.4	18.0	16.2	20.8
	DAY-HR	10-23	23-00	04-20	14-02	31-02	22-20	17-02	28-02	26-19	10-01	12-04	07-23	SEP
	MINIMUM	8.0	6.1	7.9	9.7	10.2	11.4	12.0	14.2	13.8	12.6	11.9	4.3	4.3
	DAY-HR	17-09	14-18	12-17	01-14	04-14	19-11	01-14	06-13	20-16	25-16	27-15	21-19	DEC
	# OBS	744	670	437	715	741	715	739	743	717	742	719	743	8425
1991	MEAN	11.6	11.8	11.6	11.3	11.3	11.9	13.6	14.8	14.6	14.7	13.7	-	12.8
	MAXIMUM	14.0	14.7	14.0	13.6	12.8	14.7	15.8	20.8	17.1	17.8	16.6	-	20.8
	DAY-HR	13-18	14-21	04-23	24-22	08-15	29-19	08-00	13-22	07-18	20-23	07-21	-	AUG
	MINIMUM	9.5	8.6	8.6	9.7	9.8	9.7	11.5	12.6	12.8	12.6	11.4	-	8.6
	DAY-HR	09-06	25-12	21-00	16-13	24-07	01-16	02-14	24-20	12-14	10-10	04-15	-	MAR
	# OBS	743	670	464	718	744	719	742	738	720	743	640	-	7641
1992	MEAN	-	-	-	-	-	15.1	16.1	14.5	15.0	16.0	15.1	13.2	15.0
	MAXIMUM	-	-	-	-	-	18.8	20.7	18.1	17.4	18.4	18.8	15.4	20.7
	DAY-HR	-	-	-	-	-	29-23	11-01	31-00	30-23	25-23	02-09	01-23	JUL
	MINIMUM	-	-	-	-	-	12.7	13.8	12.4	12.8	12.5	12.2	10.2	10.2
	DAY-HR	-	-	-	-	-	20-18	31-17	18-17	14-10	08-16	22-13	30-05	DEC
	# OBS	-	-	-	-	-	438	740	738	711	736	710	735	4808
1993	MEAN	12.6	13.0	13.2	12.6	13.3	12.9	14.1	15.2	14.7	15.6	15.1	13.5	13.9
	MAXIMUM	16.6	16.3	15.9	14.9	16.9	13.7	17.2	18.9	18.2	20.4	20.3	16.3	20.4
	DAY-HR	26-18	18-12	17-23	01-00	29-02	28-01	29-01	31-23	01-00	28-00	02-22	03-09	OCT
	MINIMUM	9.3	10.2	11.0	10.3	10.8	11.6	11.8	11.8	12.3	13.3	11.2	11.3	9.3
	DAY-HR	09-14	26-15	07-15	24-12	11-18	26-10	02-08	25-17	24-14	03-16	12-17	14-11	JAN
	# OBS	733	636	729	714	685	112	740	737	717	742	717	543	7805
1994	MEAN	-	-	-	12.3	12.6	12.3	13.0	13.9	15.1	14.9	12.2	12.1	13.2
	MAXIMUM	-	-	-	14.1	15.2	14.8	17.1	16.5	18.3	21.1	14.9	14.9	21.1
	DAY-HR	-	-	-	18-22	31-19	10-01	24-00	18-23	25-00	08-19	29-21	21-23	OCT
	MINIMUM	-	-	-	10.2	10.6	10.3	10.6	11.8	11.8	12.1	9.5	9.8	9.5
	DAY-HR	-	-	-	12-16	24-14	30-16	02-10	13-20	07-13	23-15	10-09	05-04	NOV
	# OBS	-	-	-	571	738	717	734	732	708	651	713	741	6305
1995	MEAN	12.7	12.7	13.1	11.8	12.1	12.7	14.6	14.3	14.7	14.3	13.7	13.3	13.4
	MAXIMUM	14.0	20.0	16.4	14.5	14.4	16.5	17.3	16.8	16.9	18.3	17.3	15.3	20.0
	DAY-HR	03-02	20-22	30-21	07-19	08-23	29-23	19-22	22-22	10-21	03-01	11-23	26-19	FEB
	MINIMUM	11.7	10.2	9.4	8.3	10.2	10.5	12.2	11.4	12.6	11.7	10.6	10.6	8.3
	DAY-HR	01-11	14-16	23-11	16-05	30-15	01-08	31-15	13-12	21-15	27-16	20-16	09-14	APR
	# OBS	82	483	736	715	739	712	736	739	714	738	710	738	7842
1996	MEAN	13.0	12.7	12.8	12.7	12.7	11.9	13.2	13.5	14.0	13.9	13.2	12.9	13.0
	MAXIMUM	17.5	18.3	17.3	15.1	16.4	15.2	16.1	16.5	16.8	18.8	17.6	16.0	18.8
	DAY-HR	11-22	13-23	08-00	30-23	18-19	27-23	11-22	12-23	12-19	08-20	08-22	19-00	OCT
	MINIMUM	9.1	6.3	10.6	10.5	10.9	10.2	11.2	11.4	11.4	10.5	10.5	10.2	6.3
	DAY-HR	22-09	25-16	29-14	07-16	10-12	01-17	02-13	10-16	09-12	30-16	11-08	22-08	FEB
	# OBS	733	686	736	736	742	714	836	784	712	736	694	738	8847
1997	MEAN	12.5	12.1	11.2	11.5	13.0	13.7	13.8	-	-	-	-	-	12.5
	MAXIMUM	14.9	15.2	13.7	14.1	18.2	16.4	15.6	-	-	-	-	-	18.2
	DAY-HR	29-23	14-23	20-00	21-00	17-00	04-00	14-22	-	-	-	-	-	MAY
	MINIMUM	8.4	9.8	9.4	9.8	10.5	11.8	12.5	-	-	-	-	-	8.4
	DAY-HR	14-21	28-17	18-11	15-15	12-17	08-15	13-11	-	-	-	-	-	JAN
	# OBS	733	653	741	711	742	718	476	-	-	-	-	-	4774
1998	MEAN	-	-	-	-	-	-	-	14.5	15.3	14.1	12.7	11.0	13.4
	MAXIMUM	-	-	-	-	-	-	-	16.4	18.1	18.1	15.2	15.7	18.1
	DAY-HR	-	-	-	-	-	-	-	14-01	07-22	06-22	26-23	17-00	OCT
	MINIMUM	-	-	-	-	-	-	-	12.1	0.0	10.6	10.0	6.4	0.0
	DAY-HR	-	-	-	-	-	-	-	27-11	09-18	19-15	11-05	21-09	SEP
	# OBS	-	-	-	-	-	-	-	443	713	744	720	739	3359
1999	MEAN	11.4	10.8	10.4	10.6	10.6	11.5	12.9	14.5	-	-	-	-	11.4
	MAXIMUM	14.0	12.5	12.5	17.6	13.4	14.1	15.7	16.5	-	-	-	-	17.6
	DAY-HR	04-18	28-21	22-01	17-02	31-22	30-23	14-02	07-01	-	-	-	-	APR
	MINIMUM	8.9	8.3	7.8	6.4	9.1	9.7	10.2	13.0	-	-	-	-	6.4
	DAY-HR	24-15	10-17	15-06	09-03	21-16	02-16	09-17	07-18	-	-	-	-	APR
	# OBS	741	658	721	720	744	716	742	375	-	-	-	-	5417
2000	MEAN	-	-	-	11.9	12.4	13.1	13.4	13.8	15.6	14.5	12.3	12.9	13.4
	MAXIMUM	-	-	-	14.6	14.9	16.4	17.9	17.5	18.3	17.5	15.2	15.2	18.3
	DAY-HR	-	-	-	15-19	25-00	19-00	13-17	31-19	07-22	23-23	04-17	07-19	SEP
	MINIMUM	-	-	-	9.9	10.6	10.6	11.8	11.4	12.1	12.1	9.4	11.3	9.4
	DAY-HR	-	-	-	11-15	14-13	04-14	24-14	02-12	12-14	16-15	10-16	31-15	NOV
	# OBS	-	-	-	569	726	706	737	741	715	735	714	744	6387
2001	MEAN	11.6	11.0	11.6	10.6	12.5	12.9	13.7	13.8	14.2	13.7	13.4	12.0	12.6
	MAXIMUM	14.8	14.8	14.1	13.6	18.0	17.6	16.0	15.9	19.7	16.7	16.0	14.9	19.7
	DAY-HR	04-18	04-19	22-21	19-00	31-23	01-00	11-20	11-03	12-01	07-19	24-17	08-21	SEP

	MINIMUM	9.1	7.6	9.0	7.3	10.6	10.2	12.1	11.7	11.8	11.4	11.0	10.2	7.3
	DAY-HR	26-21	10-15	02-18	09-12	21-12	17-14	23-13	29-18	02-17	15-14	01-18	18-09	APR
	# OBS	743	672	741	718	742	717	742	741	704	744	718	742	8724
POR	MEAN	12.3	12.0	12.1	11.9	12.3	13.1	14.0	14.7	15.1	14.7	13.7	12.7	13.3
	MAXIMUM	17.5	20.0	17.3	17.6	18.2	18.8	20.7	20.8	20.8	21.7	20.3	17.1	21.7
	YEAR	1996	1995	1996	1999	1997	1992	1992	1991	1990	1985	1993	1989	OCT/1985
	MINIMUM	8.0	4.6	7.8	6.4	9.1	9.7	10.2	11.4	0.0	10.5	8.9	4.3	0.0
	YEAR	1990	1989	1999	1999	1999	1999	1999	2000	1998	1996	1985	1990	SEP/1998
	# OBS	9573	8535	9005	10472	11620	11292	12408	11431	10734	11761	11333	11522	129686

STATION: 46028 -- POR (12/1983 - 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
1983	MEAN	-	-	-	-	-	-	-	-	-	-	-	13.9	13.9
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	15.0	15.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	08-21	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	13.3	13.3
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	25-03	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	611	611
1984	MEAN	13.5	13.0	12.6	11.0	10.7	12.4	15.1	16.0	16.9	14.9	14.2	13.0	13.6
	MAXIMUM	14.2	14.1	14.1	14.3	13.0	14.0	17.0	18.0	18.7	17.4	15.4	14.0	18.7
	DAY-HR	28-23	05-00	07-23	15-01	31-23	16-23	21-01	29-01	14-01	10-23	11-00	08-00	SEP
	MINIMUM	13.0	12.3	11.0	9.7	9.4	10.6	11.5	14.0	15.2	11.9	13.3	12.2	9.4
	DAY-HR	31-12	27-16	31-13	28-16	07-10	13-15	01-03	17-15	07-17	20-12	04-17	31-07	MAY
	# OBS	743	694	737	718	743	719	740	741	718	744	716	739	8752
1985	MEAN	12.6	12.4	-	-	12.4	13.9	13.7	15.3	15.4	15.0	12.8	13.0	13.9
	MAXIMUM	13.4	12.6	-	-	14.2	16.7	16.5	17.8	18.9	18.1	14.2	13.7	18.9
	DAY-HR	24-00	01-00	-	-	26-23	22-01	28-00	14-01	07-01	04-23	08-06	27-02	SEP
	MINIMUM	12.1	12.2	-	-	10.6	11.3	11.2	12.4	12.0	12.1	11.6	12.4	10.6
	DAY-HR	06-12	03-15	-	-	08-12	09-10	14-12	31-17	01-15	31-23	23-17	12-18	MAY
	# OBS	610	22	-	-	578	720	738	744	719	742	717	741	6331
1986	MEAN	13.6	13.4	13.5	13.0	12.0	13.8	14.7	15.4	15.0	15.6	14.6	15.0	14.1
	MAXIMUM	14.6	14.8	14.9	14.6	14.5	16.6	17.5	17.0	16.9	17.1	16.0	15.9	17.5
	DAY-HR	27-01	27-00	20-01	20-23	01-23	12-01	25-22	16-03	12-22	05-01	18-12	11-16	JUL
	MINIMUM	12.3	12.7	12.0	11.3	10.6	11.5	12.2	12.2	12.3	13.9	12.4	13.8	10.6
	DAY-HR	04-06	15-08	25-14	29-17	08-17	01-12	03-15	29-17	01-16	24-06	10-17	08-05	MAY
	# OBS	743	660	738	718	739	717	744	742	718	740	695	744	8698
1987	MEAN	13.6	13.3	12.9	11.9	13.4	13.6	14.5	16.0	15.9	16.2	16.0	13.8	14.3
	MAXIMUM	15.2	14.4	14.0	14.4	15.5	16.1	16.7	18.3	17.2	18.8	17.4	15.3	18.8
	DAY-HR	03-00	06-21	21-00	21-00	14-22	16-00	22-02	20-20	05-18	05-23	01-03	03-00	OCT
	MINIMUM	12.4	12.3	11.7	10.5	11.8	11.9	12.4	14.4	13.6	14.6	14.6	12.4	10.5
	DAY-HR	19-16	26-16	28-12	18-18	03-03	23-14	09-18	15-19	24-14	03-00	29-11	17-17	APR
	# OBS	740	670	742	717	741	716	741	741	678	741	714	743	8684
1988	MEAN	12.6	12.6	12.6	13.1	12.7	14.2	13.7	16.1	15.5	14.5	13.9	13.1	13.7
	MAXIMUM	13.5	14.4	13.6	14.7	14.6	16.6	17.2	18.6	17.8	15.9	16.0	14.2	18.6
	DAY-HR	27-00	26-23	21-03	11-01	28-22	22-23	22-23	06-22	13-23	29-22	02-23	05-08	AUG
	MINIMUM	12.1	11.9	11.7	11.0	11.2	11.8	10.6	11.5	12.4	12.7	12.3	11.7	10.6
	DAY-HR	23-18	05-16	31-11	08-14	06-15	29-14	07-17	19-11	07-06	12-02	12-11	08-19	JUL
	# OBS	742	694	744	715	742	719	741	742	717	743	718	742	8759
1989	MEAN	11.8	11.5	12.1	13.0	13.5	13.3	12.5	13.3	15.5	14.9	14.6	14.5	13.2
	MAXIMUM	13.3	12.4	13.4	15.2	15.2	16.0	15.4	15.2	17.0	16.7	16.5	15.5	17.0
	DAY-HR	04-00	25-23	19-02	27-00	08-07	28-23	01-00	08-00	30-00	31-00	01-00	09-00	SEP
	MINIMUM	11.2	11.1	11.2	10.7	11.1	10.4	10.5	11.7	13.7	13.3	13.5	13.9	10.4
	DAY-HR	29-16	15-14	31-16	04-15	29-05	19-15	20-16	02-16	28-18	05-09	07-10	30-17	JUN
	# OBS	743	668	741	717	734	716	740	208	54	740	718	739	7518
1990	MEAN	13.5	12.4	11.4	-	-	-	14.6	15.7	15.6	14.9	-	-	14.1
	MAXIMUM	14.8	13.5	12.8	-	-	-	17.0	18.1	18.8	16.9	-	-	18.8
	DAY-HR	01-22	23-03	04-22	-	-	-	18-01	28-00	23-01	08-23	-	-	SEP
	MINIMUM	12.7	10.8	10.2	-	-	-	11.7	13.8	12.0	11.9	-	-	10.2
	DAY-HR	27-13	15-14	11-16	-	-	-	12-00	18-17	13-08	17-09	-	-	MAR
	# OBS	744	670	437	-	-	-	490	740	716	478	-	-	4275
1991	MEAN	-	-	12.2	11.2	11.6	12.1	14.0	14.8	15.3	15.6	14.1	-	13.5
	MAXIMUM	-	-	12.9	13.2	12.9	14.2	16.3	17.6	17.4	16.5	15.9	-	17.6
	DAY-HR	-	-	25-22	01-23	12-01	29-21	31-00	14-11	22-22	21-01	01-00	-	AUG
	MINIMUM	-	-	11.7	9.6	10.1	10.3	11.5	12.7	12.1	14.1	12.5	-	9.6
	DAY-HR	-	-	29-17	11-11	30-18	01-16	15-09	23-09	02-13	31-10	20-14	-	APR
	# OBS	-	-	285	718	744	719	742	738	720	743	640	-	6049

1992	MEAN	-	-	-	-	-	17.9	-	-	-	-	-	-	17.9
	MAXIMUM	-	-	-	-	-	22.4	-	-	-	-	-	-	22.4
	DAY-HR	-	-	-	-	-	25-20	-	-	-	-	-	-	JUN
	MINIMUM	-	-	-	-	-	15.0	-	-	-	-	-	-	15.0
	DAY-HR	-	-	-	-	-	15-15	-	-	-	-	-	-	JUN
	# OBS	-	-	-	-	-	438	-	-	-	-	-	-	438
1993	MEAN	-	-	-	-	-	15.0	16.6	17.7	18.0	18.2	-	-	17.3
	MAXIMUM	-	-	-	-	-	16.2	19.8	20.4	19.7	18.2	-	-	20.4
	DAY-HR	-	-	-	-	-	27-02	29-02	28-23	01-00	01-00	-	-	AUG
	MINIMUM	-	-	-	-	-	14.2	13.7	15.7	16.7	18.2	-	-	13.7
	DAY-HR	-	-	-	-	-	30-15	01-13	22-09	08-15	01-00	-	-	JUL
	# OBS	-	-	-	-	-	103	739	736	715	1	-	-	2294
1994	MEAN	-	-	-	13.2	13.0	11.7	13.0	-	-	-	-	-	12.7
	MAXIMUM	-	-	-	14.1	15.3	15.2	18.5	-	-	-	-	-	18.5
	DAY-HR	-	-	-	29-23	06-23	11-23	27-15	-	-	-	-	-	JUL
	MINIMUM	-	-	-	11.3	10.2	9.7	9.8	-	-	-	-	-	9.7
	DAY-HR	-	-	-	11-13	24-15	29-14	01-05	-	-	-	-	-	JUN
	# OBS	-	-	-	571	738	717	627	-	-	-	-	-	2653
1995	MEAN	-	13.5	13.7	12.1	12.5	13.0	14.5	14.2	14.3	14.4	14.5	14.1	13.7
	MAXIMUM	-	15.6	15.4	14.1	15.1	16.7	17.2	16.8	17.2	16.8	15.6	14.8	17.2
	DAY-HR	-	20-21	30-21	08-00	09-00	30-23	02-01	22-23	29-04	03-02	23-21	26-22	SEP
	MINIMUM	-	12.9	13.3	10.5	11.4	11.0	12.1	11.8	12.1	12.8	13.3	13.3	10.5
	DAY-HR	-	18-16	11-17	22-15	07-17	13-15	14-15	11-13	17-18	28-13	01-00	02-18	APR
	# OBS	-	483	736	714	739	712	736	739	714	738	710	738	7759
1996	MEAN	13.8	13.8	13.4	12.6	12.8	11.8	14.0	14.2	14.8	14.2	13.4	13.1	13.5
	MAXIMUM	15.2	15.5	15.9	14.5	15.7	15.2	15.7	16.8	16.8	17.0	15.2	14.2	17.0
	DAY-HR	12-23	14-01	08-00	16-23	18-19	28-01	31-22	13-00	22-00	08-22	09-00	23-23	OCT
	MINIMUM	12.6	12.8	11.3	10.6	10.6	10.5	12.6	12.1	12.9	12.2	12.1	12.1	10.5
	DAY-HR	31-02	01-15	30-09	28-06	30-13	02-09	19-02	04-16	12-05	28-13	02-17	10-01	JUN
	# OBS	733	686	736	736	742	714	836	784	712	736	694	738	8847
1997	MEAN	13.2	12.5	11.7	11.3	12.0	13.1	13.5	-	-	-	-	-	12.4
	MAXIMUM	13.7	14.4	13.5	13.3	15.5	15.5	15.2	-	-	-	-	-	15.5
	DAY-HR	30-00	14-23	30-23	06-22	20-22	16-00	13-23	-	-	-	-	-	JUN
	MINIMUM	12.5	11.0	10.3	9.6	9.5	11.0	12.0	-	-	-	-	-	9.5
	DAY-HR	15-17	28-19	15-17	29-06	04-09	11-15	10-17	-	-	-	-	-	MAY
	# OBS	733	653	741	711	742	719	476	-	-	-	-	-	4775
1998	MEAN	-	-	-	-	-	-	-	15.4	16.2	14.4	13.1	12.1	14.1
	MAXIMUM	-	-	-	-	-	-	-	16.7	18.4	17.3	14.3	13.6	18.4
	DAY-HR	-	-	-	-	-	-	-	17-00	07-22	07-01	26-23	17-00	SEP
	MINIMUM	-	-	-	-	-	-	-	13.7	14.1	12.1	12.5	11.3	11.3
	DAY-HR	-	-	-	-	-	-	-	30-17	19-15	12-03	29-21	25-05	DEC
	# OBS	-	-	-	-	-	-	-	429	712	744	719	738	3342
1999	MEAN	11.8	11.4	11.7	11.7	11.2	12.0	13.4	14.7	-	-	-	-	12.1
	MAXIMUM	12.9	12.2	12.9	14.7	14.1	14.1	15.6	16.8	-	-	-	-	16.8
	DAY-HR	20-02	28-21	22-00	16-21	31-23	30-00	29-00	07-01	-	-	-	-	AUG
	MINIMUM	11.3	11.0	11.3	10.2	9.0	10.2	11.4	13.4	-	-	-	-	9.0
	DAY-HR	31-23	11-15	30-17	14-11	20-17	09-04	04-15	06-17	-	-	-	-	MAY
	# OBS	741	657	719	719	743	717	741	376	-	-	-	-	5413
2000	MEAN	-	-	-	12.1	12.2	13.5	13.5	13.6	15.9	15.4	13.3	13.3	13.7
	MAXIMUM	-	-	-	15.1	14.9	16.7	16.8	17.5	18.4	17.2	15.7	14.4	18.4
	DAY-HR	-	-	-	15-20	24-23	21-23	13-19	31-00	12-00	08-00	03-21	10-03	SEP
	MINIMUM	-	-	-	10.2	10.2	10.2	11.4	11.0	14.4	13.6	11.7	12.2	10.2
	DAY-HR	-	-	-	30-11	11-21	13-16	07-16	22-18	20-22	22-20	27-10	30-17	JUN
	# OBS	-	-	-	574	726	706	735	742	712	732	714	744	6385
2001	MEAN	12.3	11.7	12.2	11.4	12.8	12.5	13.9	13.5	14.7	13.9	14.1	12.5	13.0
	MAXIMUM	13.4	13.3	14.1	16.4	15.0	17.2	16.8	15.7	18.2	15.9	15.2	14.1	18.2
	DAY-HR	06-00	05-00	23-00	16-23	31-22	01-01	11-20	10-02	12-00	07-21	23-10	01-17	SEP
	MINIMUM	11.8	10.6	11.4	9.7	10.3	10.2	11.7	11.0	11.7	12.1	12.9	11.3	9.7
	DAY-HR	31-15	12-18	05-13	16-14	17-14	15-17	03-16	22-10	30-08	03-18	09-09	17-10	APR
	# OBS	743	672	741	718	743	717	741	742	704	743	718	742	8724
POR	MEAN	12.9	12.6	12.6	12.1	12.3	13.1	14.1	15.2	15.7	14.9	14.0	13.4	13.6
	MAXIMUM	15.2	15.6	15.9	16.4	15.7	22.4	19.8	20.4	19.7	18.8	17.4	15.9	22.4
	YEAR	1996	1995	1996	2001	1996	1992	1993	1993	1993	1987	1987	1986	JUN/1992
	MINIMUM	11.2	10.6	10.2	9.6	9.0	9.7	9.8	11.0	11.7	11.9	11.6	11.3	9.0
	YEAR	1989	2001	1990	1997	1999	1994	1994	2001	2001	1990	1985	2001	MAY/1999
	# OBS	8015	7229	8097	9046	10194	10569	11307	9944	9309	9365	8473	8759	110307

STATION: 46028 -- POR (2/1989 - 7/1991)

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	-	6.3	9.6	10.4	10.5	11.9	11.9	12.6	14.7	13.2	13.6	-	10.8
	MAXIMUM	-	12.2	13.1	13.6	13.7	15.4	13.6	14.1	16.0	16.3	15.8	-	16.3
	DAY-HR	-	22-01	19-20	21-19	04-08	30-20	01-00	06-01	30-01	22-00	01-17	-	OCT
	MINIMUM	-	-9.2	1.2	3.9	6.6	9.4	10.4	11.5	13.2	8.6	10.9	-	-9.2
	DAY-HR	-	07-00	03-21	24-11	10-20	17-07	10-17	04-18	29-11	29-11	06-14	-	FEB
	# OBS	-	668	741	717	733	716	736	171	54	740	196	-	5472
1990	MEAN	-	-	8.3	10.9	10.9	12.4	13.6	-	14.9	14.3	-	-	12.1
	MAXIMUM	-	-	9.4	13.7	14.7	15.1	16.8	-	16.7	17.0	-	-	17.0
	DAY-HR	-	-	31-13	23-16	30-19	21-02	10-23	-	30-22	04-21	-	-	OCT
	MINIMUM	-	-	7.3	7.3	7.9	10.1	12.0	-	14.2	11.5	-	-	7.3
	DAY-HR	-	-	30-10	30-05	17-17	18-15	01-14	-	28-11	09-14	-	-	APR
	# OBS	-	-	57	715	741	715	343	-	74	410	-	-	3055
1991	MEAN	-	-	7.2	8.9	9.1	10.1	12.5	-	-	-	-	-	9.3
	MAXIMUM	-	-	11.5	12.5	11.9	14.0	14.4	-	-	-	-	-	14.4
	DAY-HR	-	-	24-20	24-22	08-15	29-19	07-22	-	-	-	-	-	JUL
	MINIMUM	-	-	3.0	1.3	5.6	7.5	11.4	-	-	-	-	-	1.3
	DAY-HR	-	-	27-01	11-16	01-18	07-08	03-16	-	-	-	-	-	APR
	# OBS	-	-	285	718	744	718	181	-	-	-	-	-	2646
POR	MEAN	-	6.3	8.9	10.1	10.1	11.4	12.5	12.6	14.8	13.6	13.6	-	10.8
	MAXIMUM	-	12.2	13.1	13.7	14.7	15.4	16.8	14.1	16.7	17.0	15.8	-	17.0
	YEAR	-	1989	1989	1990	1990	1989	1990	1989	1990	1990	1989	-	OCT/1990
	MINIMUM	-	-9.2	1.2	1.3	5.6	7.5	10.4	11.5	13.2	8.6	10.9	-	-9.2
	YEAR	-	1989	1989	1991	1991	1991	1989	1989	1989	1989	1989	-	FEB/1989
	# OBS	-	668	1083	2150	2218	2149	1260	171	128	1150	196	-	11173

STATION: 46028 -- POR (12/1983 - 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
1983	MEAN	-	-	-	-	-	-	-	-	-	-	-	1020.5	1020.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	1029.6	1029.6
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	13-19	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	1005.2	1005.2
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	25-03	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	611	611
1984	MEAN	1021.8	1021.5	1019.3	1018.6	1017.1	1015.5	1014.2	1015.1	1012.5	1017.9	1019.7	1017.0	1017.5
	MAXIMUM	1028.4	1027.2	1028.1	1025.5	1022.8	1021.3	1021.7	1021.0	1017.9	1026.2	1027.7	1027.4	1028.4
	DAY-HR	01-19	17-19	18-08	29-21	02-19	07-20	24-20	30-19	27-20	18-18	09-18	30-18	JAN
	MINIMUM	1011.1	1016.2	1013.7	1010.2	1010.9	1011.5	1007.4	1009.6	1003.8	1007.8	1004.6	1008.0	1003.8
	DAY-HR	13-23	02-01	30-00	06-12	27-04	10-12	07-02	09-13	22-03	17-02	13-04	26-21	SEP
	# OBS	743	694	737	718	743	719	740	741	718	744	716	738	8751
1985	MEAN	1021.7	1017.3	-	-	1016.0	1014.1	1014.4	1014.9	1014.5	1016.2	1017.3	1021.8	1016.7
	MAXIMUM	1028.6	1021.1	-	-	1020.5	1019.6	1019.8	1019.0	1020.1	1022.3	1028.8	1028.5	1028.8
	DAY-HR	02-18	01-18	-	-	17-19	01-19	02-20	27-19	12-09	19-16	19-18	13-19	NOV
	MINIMUM	1015.8	1013.6	-	-	1009.4	1008.6	1010.0	1009.2	1008.1	1007.9	999.9	1007.0	999.9
	DAY-HR	08-08	02-12	-	-	15-13	21-01	24-12	16-12	18-23	09-12	25-13	02-13	NOV
	# OBS	610	22	-	-	578	720	738	744	719	742	717	741	6331
1986	MEAN	1020.6	1018.1	1018.1	1018.4	1015.8	1015.7	1017.1	1015.2	1015.8	1017.2	1019.9	1020.1	1017.6
	MAXIMUM	1031.1	1027.6	1028.1	1026.2	1022.2	1021.0	1023.2	1019.0	1020.9	1023.5	1029.5	1027.9	1031.1
	DAY-HR	17-19	21-20	21-07	17-19	04-20	18-20	19-19	21-19	14-19	25-07	22-18	29-19	JAN
	MINIMUM	1005.6	1002.6	1002.0	1010.4	1011.6	1011.1	1011.8	1010.7	1006.3	1006.1	1009.4	1013.2	1002.0
	DAY-HR	30-14	14-21	16-12	05-14	28-02	10-02	21-13	24-12	24-15	02-11	18-08	15-22	MAR
	# OBS	743	660	738	718	739	717	744	742	718	740	695	744	8698
1987	MEAN	1020.9	1018.0	1018.3	1017.7	1016.1	1016.4	1014.6	1015.6	1016.2	1016.4	1019.3	1019.3	1017.4
	MAXIMUM	1029.3	1024.9	1024.3	1022.4	1021.5	1021.3	1019.4	1020.1	1021.0	1024.0	1025.0	1028.3	1029.3
	DAY-HR	09-19	17-18	11-20	07-18	01-20	18-19	01-21	22-20	14-19	25-17	19-18	31-19	JAN
	MINIMUM	1007.5	1001.7	1010.9	1011.4	1011.6	1012.1	1009.3	1010.5	1010.8	1009.1	1008.8	995.2	995.2
	DAY-HR	05-00	24-14	21-14	04-00	11-03	10-12	09-11	06-03	12-12	31-23	01-01	16-14	DEC
	# OBS	740	670	742	717	741	716	741	741	678	741	714	743	8684
1988	MEAN	1021.2	1019.8	1020.5	1016.1	1017.9	1015.6	1015.3	1013.3	1014.1	1016.6	1019.8	1021.0	1017.6
	MAXIMUM	1030.6	1027.5	1029.2	1026.0	1027.5	1022.5	1019.8	1019.0	1022.2	1023.8	1026.9	1029.1	1030.6
	DAY-HR	22-19	05-19	09-20	30-19	01-19	08-16	21-18	03-19	26-20	08-19	29-18	29-18	JAN
	MINIMUM	988.7	1011.4	1012.3	1006.2	1011.6	1010.1	1009.5	1006.8	1008.4	1011.9	1009.1	1010.1	988.7
	DAY-HR	17-20	28-03	31-03	21-12	29-02	18-13	01-09	31-02	01-01	21-00	25-10	15-23	JAN

	# OBS	742	694	744	715	742	719	741	742	717	743	718	742	8759
1989	MEAN	1022.4	1021.6	1019.2	1016.8	1017.5	1014.8	1015.8	1014.7	1017.4	1017.3	1018.0	1020.3	1018.3
	MAXIMUM	1034.7	1030.5	1026.7	1025.1	1024.0	1020.1	1021.1	1018.0	1019.3	1024.6	1025.6	1027.2	1034.7
	DAY-HR	08-19	10-19	13-18	03-20	23-18	29-20	12-20	06-18	30-18	26-19	30-19	23-07	JAN
	MINIMUM	1009.8	1013.2	1006.2	1008.9	1010.8	1005.2	1011.1	1012.1	1015.3	1011.7	1010.2	1011.9	1005.2
	DAY-HR	23-14	28-12	02-15	09-03	09-12	23-12	21-04	10-02	29-01	05-11	18-00	17-02	JUN
	# OBS	743	668	741	717	737	717	740	211	54	740	718	739	7525
1990	MEAN	1020.8	1022.7	1020.0	1016.7	1015.9	1015.5	1014.9	1016.0	1015.3	1016.4	1019.5	1020.3	1017.7
	MAXIMUM	1030.8	1029.5	1028.9	1024.6	1020.5	1021.1	1018.9	1020.8	1019.9	1021.8	1026.6	1027.9	1030.8
	DAY-HR	07-19	09-20	14-18	09-19	20-20	18-20	26-19	27-18	25-18	09-18	22-18	23-19	JAN
	MINIMUM	1010.0	1010.9	1013.9	1006.9	1005.3	1008.9	1010.1	1012.3	1009.3	1011.4	1010.2	1009.1	1005.3
	DAY-HR	30-22	17-00	30-12	16-13	28-09	09-09	15-12	24-02	20-22	03-03	20-00	19-23	MAY
	# OBS	744	670	437	715	741	715	739	743	716	742	719	743	8424
1991	MEAN	1021.1	1019.2	1015.9	1019.1	1017.3	1015.3	1015.8	1017.0	1014.7	1015.3	1019.4	-	1017.3
	MAXIMUM	1028.7	1029.0	1025.7	1025.9	1022.7	1020.4	1020.8	1021.1	1021.1	1023.5	1028.4	-	1029.0
	DAY-HR	12-18	19-20	28-19	02-18	04-19	19-19	27-21	12-19	30-19	31-19	20-19	-	FEB
	MINIMUM	1011.6	993.5	992.6	1013.1	1009.8	1009.1	1009.9	1010.4	1009.2	1005.2	1011.3	-	992.6
	DAY-HR	09-14	28-16	01-11	30-12	31-23	01-03	02-04	10-09	06-02	21-00	15-01	-	MAR
	# OBS	743	670	464	718	744	719	742	738	720	743	640	-	7641
1992	MEAN	-	-	-	-	-	1014.5	1015.0	1015.3	1013.9	1015.1	1019.2	1017.9	1015.9
	MAXIMUM	-	-	-	-	-	1023.3	1019.8	1020.8	1019.8	1021.8	1029.4	1025.6	1029.4
	DAY-HR	-	-	-	-	-	12-18	25-19	27-07	03-18	31-19	27-08	22-18	NOV
	MINIMUM	-	-	-	-	-	1009.7	1010.1	1007.4	1008.0	1007.9	1011.3	1004.5	1004.5
	DAY-HR	-	-	-	-	-	21-11	03-12	24-02	26-02	30-07	09-04	28-23	DEC
	# OBS	-	-	-	-	-	438	740	738	711	736	710	734	4807
1993	MEAN	1014.9	1015.0	1019.5	1018.3	1015.0	1010.4	1014.3	1014.3	1014.8	1016.2	1018.1	1019.6	1016.2
	MAXIMUM	1026.5	1026.1	1028.9	1023.6	1020.2	1012.7	1019.5	1021.4	1020.2	1021.6	1025.0	1028.5	1028.9
	DAY-HR	20-19	01-18	04-19	18-18	07-08	26-20	19-19	10-19	03-21	20-17	19-18	01-18	MAR
	MINIMUM	998.0	994.9	1006.7	1014.4	1010.0	1007.9	1008.1	1010.3	1007.8	1009.1	1009.8	1004.1	994.9
	DAY-HR	14-06	08-12	26-12	30-23	10-13	30-11	04-11	07-13	13-12	29-14	12-15	11-15	FEB
	# OBS	733	636	729	713	685	112	739	736	718	742	716	543	7802
1994	MEAN	-	-	-	1016.5	1015.6	1015.0	1015.8	1014.6	1015.5	1015.0	1019.4	1019.2	1016.3
	MAXIMUM	-	-	-	1023.6	1021.4	1019.2	1019.8	1019.8	1020.0	1021.6	1029.6	1029.5	1029.6
	DAY-HR	-	-	-	29-19	19-19	04-19	19-20	25-19	14-18	27-17	27-18	08-18	NOV
	MINIMUM	-	-	-	1010.7	1009.8	1009.8	1010.9	1009.8	1010.0	1003.8	1008.7	1010.5	1003.8
	DAY-HR	-	-	-	24-00	30-12	15-02	08-12	17-03	30-23	04-13	10-23	24-12	OCT
	# OBS	-	-	-	571	738	717	735	732	708	650	713	741	6305
1995	MEAN	1015.6	1018.2	1016.4	1017.5	1015.7	1015.0	1015.3	1012.5	1014.5	1015.2	1019.3	1020.2	1016.3
	MAXIMUM	1021.3	1026.3	1025.0	1024.5	1021.3	1020.6	1020.2	1018.6	1019.0	1023.5	1023.2	1028.0	1028.0
	DAY-HR	01-18	18-19	13-20	08-21	09-20	09-19	22-20	21-18	12-19	20-19	07-19	15-03	DEC
	MINIMUM	1009.1	1005.7	999.4	1009.1	1006.6	1008.2	1009.8	1006.5	1010.0	1008.6	1011.3	1007.7	999.4
	DAY-HR	03-04	14-14	10-15	16-12	14-03	16-13	31-03	09-03	27-06	05-02	01-07	12-17	MAR
	# OBS	82	483	736	715	739	712	736	739	714	738	710	738	7842
1996	MEAN	1019.9	1017.5	1018.2	1018.7	1016.2	1014.9	1014.8	1014.6	1013.9	1015.9	1018.7	1019.0	1016.8
	MAXIMUM	1029.9	1028.3	1026.6	1026.9	1021.5	1020.1	1020.2	1019.2	1019.2	1025.3	1025.3	1029.1	1029.9
	DAY-HR	23-19	06-19	01-20	19-19	05-19	28-19	23-17	19-21	28-17	21-19	07-07	23-19	JAN
	MINIMUM	1000.9	1001.6	1008.0	1008.2	1008.9	1009.9	1010.5	1009.5	1009.4	1008.2	1007.1	1002.0	1000.9
	DAY-HR	31-20	01-00	13-04	01-19	25-12	26-12	09-02	31-03	06-06	30-01	21-23	10-01	JAN
	# OBS	733	686	736	736	742	714	836	784	712	736	694	738	8847
1997	MEAN	1019.1	1019.4	1018.3	1016.5	1014.7	1012.4	1013.7	-	-	-	-	-	1016.4
	MAXIMUM	1028.0	1025.2	1026.7	1022.6	1020.3	1019.1	1018.1	-	-	-	-	-	1028.0
	DAY-HR	17-19	14-19	18-17	01-06	05-19	30-19	15-18	-	-	-	-	-	JAN
	MINIMUM	1004.1	1003.7	1010.9	1007.8	1009.6	1004.0	1009.7	-	-	-	-	-	1003.7
	DAY-HR	13-07	28-01	11-14	04-01	18-10	07-10	03-05	-	-	-	-	-	FEB
	# OBS	733	653	741	711	742	719	476	-	-	-	-	-	4775
1998	MEAN	-	-	-	-	-	-	-	1013.8	1011.0	1015.1	1018.2	1022.4	1016.3
	MAXIMUM	-	-	-	-	-	-	-	1018.4	1016.7	1021.4	1024.8	1030.7	1030.7
	DAY-HR	-	-	-	-	-	-	-	18-20	23-18	22-19	12-19	25-18	DEC
	MINIMUM	-	-	-	-	-	-	-	1008.5	1004.0	1009.7	1006.1	1014.2	1004.0
	DAY-HR	-	-	-	-	-	-	-	24-11	03-02	15-01	28-11	31-01	SEP
	# OBS	-	-	-	-	-	-	-	443	712	743	719	739	3356
1999	MEAN	1019.7	1021.8	1016.9	1016.5	1016.4	1014.3	1015.2	1015.4	-	-	-	-	1017.1
	MAXIMUM	1027.4	1030.4	1024.2	1028.9	1019.9	1020.4	1021.9	1019.0	-	-	-	-	1030.4
	DAY-HR	28-19	10-19	28-19	09-19	31-19	05-19	23-21	16-22	-	-	-	-	FEB
	MINIMUM	1008.0	1009.8	1006.9	1004.9	1010.3	1008.0	1008.5	1011.1	-	-	-	-	1004.9
	DAY-HR	31-09	09-15	25-07	11-12	22-12	22-12	03-09	10-04	-	-	-	-	APR
	# OBS	740	657	719	719	744	715	741	376	-	-	-	-	5411
2000	MEAN	-	-	-	1017.3	1015.0	1013.8	1015.3	1013.9	1012.4	1014.2	1018.5	1019.7	1015.5
	MAXIMUM	-	-	-	1022.5	1022.1	1019.7	1020.5	1018.1	1019.0	1023.2	1027.1	1028.9	1028.9
	DAY-HR	-	-	-	23-19	11-19	03-20	13-20	23-21	28-19	13-18	18-18	15-18	DEC
	MINIMUM	-	-	-	1006.0	1009.7	1004.5	1010.0	1009.2	1004.1	1004.8	1008.9	1014.0	1004.1
	DAY-HR	-	-	-	17-04	23-03	17-03	31-04	14-03	22-14	27-01	06-23	12-09	SEP

	# OBS	-	-	-	575	726	706	735	742	712	732	712	744	6384
2001	MEAN	1018.9	1016.2	1016.1	1017.2	1014.1	1014.1	1014.4	1014.3	1012.8	1015.4	1017.2	1019.1	1015.8
	MAXIMUM	1027.9	1028.2	1022.5	1025.8	1019.5	1020.5	1019.5	1019.7	1016.6	1021.8	1023.5	1028.8	1028.8
	DAY-HR	17-19	02-07	08-20	22-20	14-19	28-19	08-19	13-18	21-18	29-18	19-18	06-18	DEC
	MINIMUM	1004.1	1000.2	1003.4	1009.6	1009.3	1008.0	1008.1	1005.5	1006.5	1007.3	1003.6	1009.4	1000.2
	DAY-HR	11-01	13-14	04-22	02-00	03-02	04-11	03-03	29-02	30-12	01-01	24-16	29-13	FEB
	# OBS	743	672	741	718	743	717	741	743	705	743	718	742	8726
POR	MEAN	1020.2	1019.2	1018.2	1017.5	1016.0	1014.8	1015.1	1014.7	1014.1	1016.0	1018.8	1019.8	1016.9
	MAXIMUM	1034.7	1030.5	1029.2	1028.9	1027.5	1023.3	1023.2	1021.4	1022.2	1026.2	1029.6	1030.7	1034.7
	YEAR	1989	1989	1988	1999	1988	1992	1986	1993	1988	1984	1994	1998	JAN/1989
	MINIMUM	988.7	993.5	992.6	1004.9	1005.3	1004.0	1007.4	1005.5	1003.8	1003.8	999.9	995.2	988.7
	YEAR	1988	1991	1991	1999	1990	1997	1984	2001	1984	1994	1985	1987	JAN/1988
	# OBS	9572	8535	9005	10476	11624	11292	12404	11435	10732	11755	11329	11520	129679

STATION: 46028 -- POR (12/1983 - 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
1983	MEAN	-	-	-	-	-	-	-	-	-	-	-	12.7	12.7
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	29.2	29.2
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	24-21	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	30-04	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	611	611
1984	MEAN	8.9	10.6	14.4	16.8	19.2	16.5	9.7	15.3	11.8	14.1	10.2	12.2	13.3
	MAXIMUM	26.4	24.5	30.1	34.2	32.9	30.3	25.7	28.4	27.6	29.7	27.8	33.0	34.2
	DAY-HR	26-04	22-00	21-14	25-04	25-02	10-05	26-05	31-02	07-02	15-00	13-04	13-04	APR
	MINIMUM	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0
	DAY-HR	04-23	12-21	06-17	14-22	29-02	16-19	13-17	21-18	27-23	03-00	16-23	22-15	DEC
	# OBS	739	694	737	718	743	719	740	741	718	744	716	740	8749
1985	MEAN	7.2	16.9	-	-	16.9	11.9	13.5	13.5	9.5	12.0	11.7	6.8	11.4
	MAXIMUM	24.9	24.7	-	-	28.0	29.9	28.0	27.6	25.5	26.6	26.6	29.9	29.9
	DAY-HR	31-21	01-00	-	-	25-06	15-02	05-01	08-01	16-05	31-06	24-19	02-11	DEC
	MINIMUM	0.0	8.0	-	-	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	23-15	03-15	-	-	15-15	22-22	26-09	14-03	30-19	04-00	14-11	31-18	DEC
	# OBS	608	22	-	-	578	720	738	744	719	742	717	741	6329
1986	MEAN	8.3	11.8	10.7	13.9	15.3	12.8	10.7	11.2	8.7	9.8	10.8	8.4	11.0
	MAXIMUM	25.3	35.0	29.7	29.9	29.2	27.4	25.9	23.5	23.3	23.9	26.8	24.5	35.0
	DAY-HR	31-14	14-21	10-06	29-05	15-07	19-05	12-05	29-14	30-11	31-09	21-22	25-00	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	0.0
	DAY-HR	27-17	10-09	31-23	22-23	31-04	27-00	24-13	14-13	23-11	23-12	17-07	31-04	DEC
	# OBS	743	660	738	718	739	717	744	742	718	740	695	744	8698
1987	MEAN	10.1	10.7	12.1	13.1	12.1	11.3	13.8	5.8	11.8	7.1	11.4	13.2	11.0
	MAXIMUM	30.7	28.2	25.5	27.6	23.9	27.8	28.0	19.2	24.5	21.2	30.3	37.5	37.5
	DAY-HR	13-10	23-17	16-00	12-02	28-05	22-02	31-06	01-02	11-05	22-17	25-08	16-09	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	0.0
	DAY-HR	22-23	11-16	31-16	26-15	20-18	29-07	22-02	31-17	29-18	31-17	30-09	31-21	DEC
	# OBS	740	670	742	717	741	716	741	741	679	740	714	743	8684
1988	MEAN	9.3	10.3	16.6	10.9	16.2	13.4	11.2	9.6	10.8	8.0	10.5	10.1	11.4
	MAXIMUM	35.8	25.7	32.1	31.1	28.6	31.3	25.9	24.7	30.1	24.3	24.7	25.7	35.8
	DAY-HR	18-06	18-14	27-11	07-23	01-04	29-00	16-07	16-05	27-05	11-05	27-00	07-20	JAN
	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	27-17	26-22	31-23	29-12	21-01	22-20	25-05	28-17	22-08	29-20	30-22	27-16	DEC
	# OBS	742	694	744	715	742	719	740	741	717	743	718	742	8757
1989	MEAN	10.0	10.9	11.5	8.9	17.0	13.3	17.8	9.8	5.3	9.6	9.6	6.5	11.4
	MAXIMUM	28.0	25.3	25.7	25.3	29.2	28.4	29.2	23.7	14.2	24.1	23.5	25.9	29.2
	DAY-HR	11-12	28-08	14-04	11-03	27-08	14-06	15-03	01-09	30-22	14-10	08-02	06-00	JUL
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
	DAY-HR	29-19	15-13	18-18	23-10	23-11	30-11	23-11	06-02	29-21	09-14	15-22	26-15	DEC
	# OBS	743	667	741	719	737	718	740	213	54	740	718	740	7530
1990	MEAN	12.5	12.9	11.2	13.7	12.0	17.6	11.5	11.2	14.2	13.6	12.1	11.4	12.9
	MAXIMUM	28.4	28.6	25.1	30.5	26.0	29.4	25.1	29.4	27.0	28.0	29.4	28.2	30.5
	DAY-HR	26-18	14-06	06-03	24-21	07-04	13-00	24-04	13-05	12-04	16-04	06-05	20-00	APR
	MINIMUM	0.0	0.0	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.0	0.0	0.0
	DAY-HR	25-15	21-23	30-04	07-08	30-12	22-17	26-20	10-19	30-03	05-20	17-00	07-19	DEC
	# OBS	744	670	437	715	741	715	691	743	718	742	719	743	8378
1991	MEAN	9.1	11.8	13.4	16.4	16.9	13.3	8.8	12.5	8.5	11.1	12.4	-	12.2

	MAXIMUM	29.9	26.6	27.0	30.7	28.6	27.2	26.4	27.2	23.7	26.8	28.6	-	30.7
	DAY-HR	16-03	18-11	07-03	08-00	10-05	20-11	14-08	10-06	01-06	28-04	14-22	-	APR
	MINIMUM	0.2	0.2	0.6	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.2	-	0.0
	DAY-HR	24-20	25-15	07-19	26-05	21-21	14-20	03-06	12-05	10-10	26-03	23-10	-	OCT
	# OBS	743	670	464	718	744	719	742	738	720	743	640	-	7641
1992	MEAN	-	-	-	-	-	11.1	14.2	14.2	11.6	9.4	12.7	10.5	12.0
	MAXIMUM	-	-	-	-	-	26.0	29.2	27.2	30.1	23.3	27.8	27.8	30.1
	DAY-HR	-	-	-	-	-	13-02	20-23	22-00	25-03	22-01	02-23	13-09	SEP
	MINIMUM	-	-	-	-	-	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	DAY-HR	-	-	-	-	-	25-04	11-17	30-21	30-11	26-15	14-16	26-09	DEC
	# OBS	-	-	-	-	-	438	740	738	712	738	710	737	4813
1993	MEAN	11.3	12.1	12.2	17.3	12.8	17.4	11.8	11.6	13.8	10.3	9.8	11.7	12.3
	MAXIMUM	34.0	33.2	27.0	30.5	29.7	26.8	29.7	27.4	29.4	25.7	30.5	29.0	34.0
	DAY-HR	14-07	07-23	20-21	30-02	08-14	30-05	23-05	21-04	12-03	07-04	14-15	11-15	JAN
	MINIMUM	0.2	0.4	0.2	0.6	0.2	2.5	0.2	0.6	0.0	0.2	0.4	0.8	0.0
	DAY-HR	04-08	10-22	09-05	24-08	28-15	27-05	07-03	22-20	30-07	29-16	15-21	19-22	SEP
	# OBS	732	637	730	715	685	112	740	737	718	742	717	543	7808
1994	MEAN	-	-	-	15.4	15.7	20.5	9.6	17.0	11.8	12.1	12.0	11.0	13.9
	MAXIMUM	-	-	-	26.6	28.8	31.7	26.8	28.4	29.4	28.8	28.0	28.2	31.7
	DAY-HR	-	-	-	20-07	13-23	14-06	01-02	30-10	03-05	12-15	02-14	25-18	JUN
	MINIMUM	-	-	-	0.8	0.6	0.4	0.0	0.0	0.2	0.2	0.2	0.2	0.0
	DAY-HR	-	-	-	23-14	30-13	11-23	16-20	18-03	20-18	25-05	28-10	12-18	AUG
	# OBS	-	-	-	571	738	715	737	732	708	650	712	741	6304
1995	MEAN	14.7	8.2	12.5	14.5	13.4	15.7	13.2	12.5	14.1	10.9	12.4	12.8	12.9
	MAXIMUM	29.0	24.9	31.5	29.7	24.7	33.2	27.0	27.4	25.7	29.2	29.2	30.3	33.2
	DAY-HR	03-05	14-16	10-07	18-17	12-04	06-01	29-16	18-05	26-10	12-10	26-19	12-16	JUN
	MINIMUM	3.3	0.0	0.0	0.4	0.4	0.0	0.0	0.2	0.0	0.2	0.0	0.2	0.0
	DAY-HR	03-20	27-20	05-19	22-16	08-23	29-23	18-21	16-01	20-21	28-19	22-00	30-01	NOV
	# OBS	82	483	736	715	739	712	736	739	714	738	710	738	7842
1996	MEAN	11.6	11.1	10.7	14.3	16.6	17.5	11.6	14.7	10.9	14.2	12.7	10.5	13.0
	MAXIMUM	29.4	25.7	24.7	29.5	27.6	30.7	27.2	29.0	26.8	30.7	29.7	28.0	30.7
	DAY-HR	22-17	04-00	22-10	26-02	24-02	10-03	19-06	03-05	05-03	26-08	29-06	14-01	OCT
	MINIMUM	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	23-22	13-19	28-04	16-20	15-11	27-22	11-22	12-18	26-21	01-23	16-17	23-20	DEC
	# OBS	733	686	735	736	742	714	836	784	711	736	694	738	8845
1997	MEAN	11.3	15.9	13.9	17.6	15.6	17.6	14.5	-	-	-	-	-	15.2
	MAXIMUM	29.2	31.9	29.7	29.5	26.2	29.9	28.8	-	-	-	-	-	31.9
	DAY-HR	20-07	27-14	08-14	02-18	06-08	18-04	06-05	-	-	-	-	-	FEB
	MINIMUM	0.2	0.2	0.6	0.4	0.2	0.2	0.0	-	-	-	-	-	0.0
	DAY-HR	17-21	16-16	25-11	06-00	20-04	14-10	19-21	-	-	-	-	-	JUL
	# OBS	733	653	741	712	742	719	476	-	-	-	-	-	4776
1998	MEAN	-	-	-	-	-	-	-	15.8	10.4	14.2	12.4	13.2	13.0
	MAXIMUM	-	-	-	-	-	-	-	28.0	28.2	29.4	27.8	28.8	29.4
	DAY-HR	-	-	-	-	-	-	-	23-05	20-04	14-23	05-21	20-22	OCT
	MINIMUM	-	-	-	-	-	-	-	3.5	0.0	0.0	0.2	0.2	0.0
	DAY-HR	-	-	-	-	-	-	-	27-19	24-03	06-07	12-10	21-21	OCT
	# OBS	-	-	-	-	-	-	-	438	713	742	720	739	3352
1999	MEAN	11.4	12.1	14.6	15.8	19.0	16.5	13.4	15.1	-	-	-	-	14.7
	MAXIMUM	27.4	25.9	31.9	35.2	35.4	29.2	32.1	28.8	-	-	-	-	35.4
	DAY-HR	01-01	09-18	27-04	04-02	13-06	08-01	07-14	13-12	-	-	-	-	MAY
	MINIMUM	0.0	0.8	0.0	0.4	0.6	0.0	0.4	0.0	-	-	-	-	0.0
	DAY-HR	03-10	18-19	03-06	30-23	31-21	29-02	14-16	17-02	-	-	-	-	AUG
	# OBS	741	658	721	720	744	717	741	379	-	-	-	-	5421
2000	MEAN	-	-	-	15.7	17.0	11.3	16.9	14.0	11.5	11.9	13.1	9.1	13.3
	MAXIMUM	-	-	-	31.1	32.1	29.9	30.1	27.8	28.4	33.2	30.9	23.7	33.2
	DAY-HR	-	-	-	17-06	30-15	13-02	20-09	18-02	05-03	21-11	06-20	24-17	OCT
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
	DAY-HR	-	-	-	15-19	14-01	16-03	13-18	30-20	20-03	29-07	16-23	19-12	DEC
	# OBS	-	-	-	575	726	708	738	742	716	735	714	744	6398
2001	MEAN	11.1	12.1	14.6	16.4	13.6	16.9	11.9	15.5	12.0	9.8	11.2	13.4	13.2
	MAXIMUM	29.0	30.7	35.2	29.7	33.4	32.3	27.0	29.0	27.2	29.2	25.9	33.4	35.2
	DAY-HR	10-21	07-05	04-18	03-02	02-02	03-22	14-07	28-02	29-01	23-01	29-08	10-19	MAR
	MINIMUM	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	31-21	22-03	19-22	16-17	31-22	20-21	26-20	31-21	12-01	07-19	27-21	17-11	DEC
	# OBS	743	672	741	718	743	717	741	743	705	744	718	742	8727
POR	MEAN	10.2	11.6	13.0	14.7	15.6	14.9	12.6	12.9	11.4	11.1	11.5	10.8	12.6
	MAXIMUM	35.8	35.0	35.2	35.2	35.4	33.2	32.1	29.4	30.1	33.2	30.9	37.5	37.5
	YEAR	1988	1986	2001	1999	1999	1995	1999	1990	1992	2000	2000	1987	DEC/1987
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	1999	2001	2001	2001	2001	2000	2001	2001	2001	2001	2001	2001	DEC/2001
	# OBS	9566	8536	9007	10482	11624	11295	12361	11435	10740	11759	11332	11526	129663

STATION: 46028 -- POR (12/1983 - 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
1983	MEAN	-	-	-	-	-	-	-	-	-	-	-	15.9	15.9
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	50.2	50.2
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	03-15	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	611	611
1984	MEAN	11.4	13.3	17.9	20.9	23.6	20.5	12.3	18.8	14.4	17.3	12.8	15.3	16.6
	MAXIMUM	32.1	30.5	38.3	42.4	39.3	37.9	32.1	35.4	34.2	36.7	33.0	41.8	42.4
	DAY-HR	26-04	16-20	21-14	25-04	25-02	10-05	26-06	31-04	07-03	15-00	13-04	13-03	APR
	# OBS	739	694	737	718	743	719	740	741	718	744	716	740	8749
1985	MEAN	9.2	21.0	-	-	20.6	14.8	16.6	16.7	11.8	14.8	14.6	8.8	14.2
	MAXIMUM	30.9	32.1	-	-	35.0	37.9	35.0	33.0	33.0	32.3	34.2	38.7	38.7
	DAY-HR	31-21	01-00	-	-	25-06	15-02	05-02	08-03	16-05	31-06	29-16	02-11	DEC
	# OBS	608	22	-	-	578	720	738	744	719	742	716	741	6328
1986	MEAN	10.4	14.7	13.3	17.2	18.8	15.8	13.4	14.1	10.7	12.2	13.4	10.5	13.7
	MAXIMUM	33.4	44.7	37.5	35.8	37.1	33.6	32.5	29.7	28.0	29.2	33.0	30.3	44.7
	DAY-HR	31-14	14-21	10-06	29-05	15-07	20-01	04-06	29-08	30-11	01-06	25-04	25-00	FEB
	# OBS	743	660	738	718	739	717	744	742	718	740	695	744	8698
1987	MEAN	12.7	13.4	15.0	16.2	14.9	14.1	17.1	7.7	14.8	9.3	14.4	17.0	13.9
	MAXIMUM	36.9	37.3	31.7	33.6	29.7	36.0	35.2	22.7	30.7	25.1	37.1	48.2	48.2
	DAY-HR	15-17	23-17	15-10	09-02	03-06	22-01	31-05	01-05	11-06	22-17	25-08	16-11	DEC
	# OBS	740	670	742	717	741	716	741	741	678	740	714	743	8683
1988	MEAN	11.9	13.1	20.9	13.7	20.3	16.9	14.1	12.1	13.6	10.3	13.0	12.7	14.4
	MAXIMUM	44.9	33.0	40.8	40.6	36.2	41.4	32.7	31.5	40.8	30.3	31.9	33.4	44.9
	DAY-HR	18-06	18-18	27-11	08-01	19-00	29-00	16-09	16-05	27-05	11-04	06-23	07-03	JAN
	# OBS	742	694	744	715	742	719	740	741	716	743	718	742	8756
1989	MEAN	12.6	13.6	14.3	11.2	21.1	16.6	22.1	12.2	7.0	12.1	12.1	8.5	14.3
	MAXIMUM	35.2	31.5	31.7	31.3	35.4	35.8	38.3	29.7	17.7	29.9	29.7	32.5	38.3
	DAY-HR	11-12	28-11	14-03	11-02	26-04	20-11	15-03	01-05	30-22	14-10	08-02	06-00	JUL
	# OBS	743	667	741	719	737	718	740	213	54	740	718	740	7530
1990	MEAN	15.6	16.2	14.1	16.9	14.9	21.6	14.2	13.9	17.3	16.5	14.9	14.4	15.9
	MAXIMUM	35.6	36.4	31.3	37.5	31.5	37.3	30.3	34.8	33.2	33.8	36.7	39.1	39.1
	DAY-HR	26-18	13-09	05-11	24-21	13-08	05-06	07-03	13-05	12-03	16-02	26-05	20-04	DEC
	# OBS	744	670	437	715	741	715	691	743	718	742	719	743	8378
1991	MEAN	11.4	14.6	16.7	20.4	21.2	16.8	11.6	15.8	11.3	14.2	15.4	-	15.3
	MAXIMUM	36.7	32.9	32.1	39.3	35.8	34.0	33.6	34.6	30.5	34.0	35.6	-	39.3
	DAY-HR	16-04	27-14	07-03	10-12	31-01	20-10	14-11	10-01	01-07	28-04	14-22	-	APR
	# OBS	743	670	464	718	744	719	742	738	720	743	640	-	7641
1992	MEAN	-	-	-	-	-	13.8	17.6	17.4	14.6	12.0	15.8	13.6	15.0
	MAXIMUM	-	-	-	-	-	31.1	36.5	34.0	39.7	28.4	34.8	33.8	39.7
	DAY-HR	-	-	-	-	-	13-02	07-01	22-04	25-03	22-01	23-02	13-09	SEP
	# OBS	-	-	-	-	-	438	740	737	711	737	704	737	4804
1993	MEAN	14.3	15.4	15.3	21.3	15.9	21.3	15.1	14.6	17.0	12.7	12.4	15.2	15.5
	MAXIMUM	42.6	43.5	33.6	38.1	36.9	32.1	36.0	32.9	36.5	32.3	36.5	36.9	43.5
	DAY-HR	14-08	07-23	20-21	30-02	08-14	30-05	16-01	21-04	12-03	07-04	14-15	11-15	FEB
	# OBS	732	635	730	714	685	112	738	736	716	742	716	543	7799
1994	MEAN	-	-	-	19.1	19.5	25.4	12.3	21.1	14.9	15.2	15.3	14.3	17.4
	MAXIMUM	-	-	-	33.8	37.1	40.8	33.2	35.4	37.7	36.0	37.1	35.4	40.8
	DAY-HR	-	-	-	20-07	13-23	14-07	01-07	21-06	03-05	12-16	26-16	25-18	JUN
	# OBS	-	-	-	571	737	715	726	731	707	648	712	740	6287
1995	MEAN	18.9	10.6	15.8	18.0	16.7	19.5	16.3	15.6	17.4	13.8	15.4	16.1	16.1
	MAXIMUM	36.5	29.4	41.0	36.4	32.3	42.0	33.8	36.0	32.9	37.7	36.0	39.3	42.0
	DAY-HR	03-03	14-16	10-07	10-00	05-14	06-02	29-16	18-07	27-04	12-09	26-19	12-16	JUN
	# OBS	82	483	736	714	739	712	736	739	714	738	710	738	7841
1996	MEAN	14.6	14.3	13.4	17.7	20.3	21.4	14.6	18.1	13.8	17.7	15.8	13.4	16.2
	MAXIMUM	37.5	31.5	30.1	36.4	34.8	38.3	35.0	36.7	34.4	37.1	37.5	35.4	38.3
	DAY-HR	22-17	03-14	13-04	26-01	22-22	10-01	04-07	03-06	05-13	26-08	14-06	14-01	JUN
	# OBS	733	686	735	736	742	714	836	784	710	736	694	738	8844
1997	MEAN	14.4	19.7	17.3	21.5	18.9	21.6	17.9	-	-	-	-	-	18.7
	MAXIMUM	36.2	40.2	36.5	37.7	31.5	36.9	34.8	-	-	-	-	-	40.2
	DAY-HR	06-00	27-14	08-12	02-20	01-10	06-13	02-07	-	-	-	-	-	FEB
	# OBS	733	653	741	711	742	719	476	-	-	-	-	-	4775

1998	MEAN	-	-	-	-	-	-	-	19.6	13.0	17.4	15.6	16.8	16.2
	MAXIMUM	-	-	-	-	-	-	-	34.6	35.4	35.2	33.8	38.1	38.1
	DAY-HR	-	-	-	-	-	-	-	23-05	19-03	14-23	05-21	20-22	DEC
	# OBS	-	-	-	-	-	-	-	437	710	742	719	739	3347
1999	MEAN	14.2	15.2	18.3	19.5	23.4	20.3	16.5	18.4	-	-	-	-	18.3
	MAXIMUM	33.6	31.5	38.3	44.5	43.2	36.5	41.0	34.4	-	-	-	-	44.5
	DAY-HR	01-02	09-18	27-19	04-02	09-04	07-22	07-14	04-07	-	-	-	-	APR
	# OBS	740	657	719	718	742	717	738	376	-	-	-	-	5407
2000	MEAN	-	-	-	19.2	20.9	14.3	20.7	17.2	14.2	15.0	16.2	11.5	16.5
	MAXIMUM	-	-	-	40.8	40.4	37.5	38.1	33.8	35.2	39.7	38.5	28.8	40.8
	DAY-HR	-	-	-	17-06	29-16	13-01	20-06	19-00	16-05	21-11	06-20	17-17	APR
	# OBS	-	-	-	574	726	707	734	742	713	732	714	744	6386
2001	MEAN	14.3	15.3	18.4	20.0	17.1	20.6	14.8	18.9	15.0	12.5	14.2	17.0	16.5
	MAXIMUM	36.4	39.1	44.3	36.9	42.2	38.5	33.2	34.6	34.2	36.7	32.7	44.9	44.9
	DAY-HR	10-22	23-14	04-18	03-00	02-04	03-22	14-07	29-02	06-05	23-13	05-14	10-19	DEC
	# OBS	743	672	741	718	743	717	742	743	705	742	718	742	8726
POR	MEAN	13.0	14.6	16.3	18.1	19.2	18.5	15.7	16.0	14.2	13.9	14.4	13.8	15.7
	MAXIMUM	44.9	44.7	44.3	44.5	43.2	42.0	41.0	36.7	40.8	39.7	38.5	50.2	50.2
	YEAR	1988	1986	2001	1999	1999	1995	1999	1996	1988	2000	2000	1983	DEC/1983
	# OBS	9565	8533	9005	10476	11621	11294	12342	11428	10727	11751	11323	11525	129590

STATION: 46028 -- 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	-	-	-	-	17.2	23.1	19.4	-	-	-	-	-	20.5
	MAXIMUM	-	-	-	-	33.2	38.5	38.9	-	-	-	-	-	38.9
	DAY-HR	-	-	-	-	25-00	18-03	02-06	-	-	-	-	-	JUL
	MINIMUM	-	-	-	-	1.9	3.7	1.0	-	-	-	-	-	1.0
	DAY-HR	-	-	-	-	20-04	30-16	13-13	-	-	-	-	-	JUL
	# OBS	-	-	-	-	408	719	475	-	-	-	-	-	1602
1998	MEAN	-	-	-	-	-	-	-	20.9	14.1	18.8	17.1	18.5	17.7
	MAXIMUM	-	-	-	-	-	-	-	37.1	35.4	38.5	36.7	38.1	38.5
	DAY-HR	-	-	-	-	-	-	-	23-04	20-03	14-23	06-00	20-21	OCT
	MINIMUM	-	-	-	-	-	-	-	8.4	2.5	1.4	2.5	2.7	1.4
	DAY-HR	-	-	-	-	-	-	-	27-19	28-16	06-07	10-10	10-17	OCT
	# OBS	-	-	-	-	-	-	-	429	705	732	728	738	3332
1999	MEAN	15.9	16.7	19.7	21.2	24.8	21.8	17.8	19.7	-	-	-	-	19.7
	MAXIMUM	35.2	37.1	40.2	46.9	45.7	36.7	42.6	36.0	-	-	-	-	46.9
	DAY-HR	01-00	10-00	27-08	04-02	08-23	07-23	07-13	04-06	-	-	-	-	APR
	MINIMUM	1.6	3.1	2.1	2.7	2.9	1.7	4.1	1.2	-	-	-	-	1.2
	DAY-HR	03-10	12-14	03-05	24-10	01-09	22-08	15-20	10-16	-	-	-	-	AUG
	# OBS	765	657	716	718	743	715	734	372	-	-	-	-	5420
2000	MEAN	-	-	-	20.5	22.4	15.6	22.0	18.4	15.4	16.6	17.6	12.9	17.8
	MAXIMUM	-	-	-	40.6	42.0	39.3	40.4	35.4	36.0	41.2	40.4	31.1	42.0
	DAY-HR	-	-	-	17-05	30-16	13-03	26-09	20-05	05-03	21-11	06-20	16-02	MAY
	MINIMUM	-	-	-	0.0	2.1	2.1	0.2	1.6	1.6	1.7	2.7	2.7	0.0
	DAY-HR	-	-	-	06-13	14-01	16-02	13-16	31-10	18-22	24-03	18-22	18-21	APR
	# OBS	-	-	-	575	724	700	710	738	712	724	712	742	6337
2001	MEAN	15.9	16.9	20.0	21.7	18.4	22.0	16.1	20.3	16.3	13.9	15.8	18.7	18.0
	MAXIMUM	40.2	39.7	47.0	38.5	43.0	40.4	33.8	39.3	34.4	37.5	37.5	47.4	47.4
	DAY-HR	10-19	07-04	04-18	02-12	02-02	04-03	14-06	29-02	05-19	23-13	24-17	10-19	DEC
	MINIMUM	1.9	1.0	2.1	1.0	1.7	2.5	2.3	2.1	2.3	0.4	1.7	2.3	0.4
	DAY-HR	31-21	15-08	20-08	16-16	31-21	17-15	08-21	31-19	11-17	07-17	27-19	25-11	OCT
	# OBS	742	668	739	714	738	709	741	741	702	742	718	741	8695
POR	MEAN	15.9	16.8	19.9	21.2	21.1	20.6	18.7	19.7	15.3	16.4	16.8	16.7	18.4
	MAXIMUM	40.2	39.7	47.0	46.9	45.7	40.4	42.6	39.3	36.0	41.2	40.4	47.4	47.4
	YEAR	2001	2001	2001	1999	1999	2001	1999	2001	2000	2000	2000	2001	DEC/2001
	MINIMUM	1.6	1.0	2.1	0.0	1.7	1.7	0.2	1.2	1.6	0.4	1.7	2.3	0.0
	YEAR	1999	2001	2001	2000	2001	1999	2000	1999	2000	2001	2001	2001	APR/2000
	# OBS	1507	1325	1455	2007	2613	2843	2660	2280	2119	2198	2158	2221	25386

STATION: 46028 -- POR (12/1983 - 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
1983	MEAN	-	-	-	-	-	-	-	-	-	-	-	2.5	2.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	8.8	8.8
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	04-00	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	613	613
1984	MEAN	2.0	2.6	2.9	3.0	-	2.3	2.0	2.1	2.0	2.5	2.8	2.5	2.4
	MAXIMUM	5.3	8.3	5.4	5.5	-	3.6	3.7	3.5	3.9	5.5	5.9	6.6	8.3
	DAY-HR	11-06	25-07	14-16	12-07	-	30-06	01-11	31-00	21-22	15-09	29-08	13-11	FEB
	# OBS	742	691	732	361	-	387	738	735	716	744	715	729	7290
1985	MEAN	2.3	-	-	-	2.0	1.9	1.8	1.9	1.7	2.2	2.2	2.5	2.1
	MAXIMUM	4.5	-	-	-	3.4	3.8	3.0	3.0	3.1	3.8	5.5	7.4	7.4
	DAY-HR	17-14	-	-	-	15-18	15-19	13-05	08-11	15-06	13-07	30-16	03-03	DEC
	# OBS	533	-	-	-	578	719	730	743	718	738	717	738	6214
1986	MEAN	2.5	3.4	2.6	2.6	2.4	1.9	2.0	1.7	1.5	2.0	2.5	2.8	2.3
	MAXIMUM	5.5	7.3	7.1	5.1	4.5	3.8	3.4	2.7	3.7	4.6	5.2	6.2	7.3
	DAY-HR	23-15	01-19	12-01	26-17	11-02	19-05	12-05	18-09	26-06	02-10	22-05	27-22	FEB
	# OBS	742	657	738	717	738	716	743	741	716	740	695	744	8687
1987	MEAN	3.1	3.1	2.6	2.5	2.2	2.2	2.0	1.7	2.0	1.4	2.2	3.1	2.3
	MAXIMUM	6.3	6.9	5.1	5.3	4.1	4.4	4.2	2.8	4.9	2.5	4.1	6.3	6.9
	DAY-HR	26-01	23-15	15-22	08-09	16-16	01-05	09-11	01-03	16-19	03-16	26-00	16-18	FEB
	# OBS	740	670	740	716	741	713	738	739	676	694	697	729	8593
1988	MEAN	2.4	2.2	2.7	1.9	2.1	2.0	1.5	1.5	1.7	1.4	-	3.4	2.1
	MAXIMUM	8.0	4.2	4.8	4.3	4.0	4.4	2.9	2.6	3.0	2.4	-	6.5	8.0
	DAY-HR	18-12	19-00	27-20	08-04	01-11	29-11	01-11	18-15	18-13	01-19	-	22-08	JAN
	# OBS	727	671	733	688	724	706	701	698	692	304	-	276	6920
1989	MEAN	2.5	2.1	2.1	1.9	2.3	2.0	2.4	-	1.7	2.0	2.1	2.0	2.1
	MAXIMUM	5.5	4.2	4.6	4.0	4.3	3.7	3.5	-	2.1	4.0	4.4	4.1	5.5
	DAY-HR	01-03	25-07	27-08	11-08	12-12	20-11	21-08	-	30-20	24-15	27-13	29-13	JAN
	# OBS	743	666	741	712	719	712	645	-	36	740	718	735	7167
1990	MEAN	3.1	3.1	2.4	2.2	2.3	2.4	1.7	1.6	1.9	2.4	2.4	2.5	2.3
	MAXIMUM	9.0	7.4	5.1	4.7	4.2	4.4	2.9	2.9	3.4	4.7	4.6	6.1	9.0
	DAY-HR	31-07	03-06	08-23	25-06	31-21	13-17	03-04	13-09	26-09	03-05	27-02	20-08	JAN
	# OBS	743	668	436	715	738	715	738	743	713	741	719	743	8412
1991	MEAN	2.1	2.4	2.9	2.6	2.7	2.2	1.8	1.7	1.9	2.1	2.6	-	2.2
	MAXIMUM	5.0	4.7	5.2	5.4	4.7	3.9	3.2	3.4	3.4	5.0	5.4	-	5.4
	DAY-HR	14-21	12-13	21-09	05-12	10-14	13-14	06-11	10-22	15-10	27-14	19-08	-	NOV
	# OBS	743	670	464	718	743	714	740	735	719	743	640	-	7629
1992	MEAN	-	-	-	-	-	1.7	1.8	1.7	1.9	2.1	2.3	2.9	2.1
	MAXIMUM	-	-	-	-	-	3.3	3.3	3.1	4.1	4.5	4.7	6.1	6.1
	DAY-HR	-	-	-	-	-	14-13	24-08	23-07	26-06	31-22	27-08	10-03	DEC
	# OBS	-	-	-	-	-	438	740	737	710	734	693	696	4748
1993	MEAN	2.1	-	-	-	-	2.7	2.3	1.9	1.8	1.7	2.1	3.4	2.2
	MAXIMUM	3.5	-	-	-	-	3.6	3.7	4.1	3.2	3.2	6.1	6.5	6.5
	DAY-HR	07-02	-	-	-	-	30-06	16-11	25-09	11-16	25-03	13-01	15-15	DEC
	# OBS	270	-	-	-	-	104	736	727	715	739	716	543	4550
1994	MEAN	-	-	-	2.4	2.4	2.3	1.7	1.9	1.7	2.2	2.8	3.1	2.3
	MAXIMUM	-	-	-	6.7	4.7	4.6	3.3	3.0	2.8	4.6	6.2	6.4	6.7
	DAY-HR	-	-	-	26-11	14-00	15-02	01-05	21-06	27-20	29-21	18-12	08-00	APR
	# OBS	-	-	-	568	732	714	711	730	707	645	712	740	6259
1995	MEAN	3.5	1.7	2.7	2.5	2.3	2.4	1.5	2.0	2.1	2.4	2.2	2.9	2.3
	MAXIMUM	4.7	3.0	7.3	5.9	4.7	5.3	2.9	3.5	4.5	4.9	4.3	7.7	7.7
	DAY-HR	03-06	14-16	23-20	19-04	13-18	07-04	30-06	08-15	26-00	22-22	06-12	13-12	DEC
	# OBS	83	483	736	714	739	712	735	739	714	738	709	738	7840
1996	MEAN	2.4	2.9	2.4	2.6	2.3	2.3	1.9	1.9	1.8	2.3	2.3	2.5	2.3
	MAXIMUM	5.5	6.2	6.3	5.4	4.8	4.1	3.3	3.3	3.5	5.7	4.8	5.2	6.3
	DAY-HR	01-12	25-08	13-12	17-11	27-19	10-02	10-03	22-08	17-07	26-20	29-15	06-19	MAR
	# OBS	733	684	736	736	739	714	836	784	711	736	694	738	8841
1997	MEAN	2.6	2.9	2.6	2.6	1.8	2.6	1.9	-	-	-	-	-	2.4
	MAXIMUM	4.8	6.8	4.9	5.5	3.5	4.5	3.0	-	-	-	-	-	6.8
	DAY-HR	06-08	27-14	30-07	02-04	05-04	13-14	02-10	-	-	-	-	-	FEB
	# OBS	733	653	741	711	742	719	475	-	-	-	-	-	4774
1998	MEAN	-	-	-	-	-	-	-	2.1	2.0	2.3	2.9	3.5	2.6
	MAXIMUM	-	-	-	-	-	-	-	3.4	3.7	5.3	7.1	7.5	7.5
	DAY-HR	-	-	-	-	-	-	-	29-07	20-15	30-11	26-20	09-11	DEC

	# OBS	-	-	-	-	-	-	-	437	700	736	711	735	3319
1999	MEAN	2.8	3.3	3.3	2.9	2.7	2.3	2.0	1.5	-	-	-	-	2.7
	MAXIMUM	7.7	5.7	6.7	7.7	6.5	3.8	4.3	2.6	-	-	-	-	7.7
	DAY-HR	27-02	26-06	30-15	04-03	09-00	14-10	07-08	04-14	-	-	-	-	APR
	# OBS	739	656	715	714	740	715	737	372	-	-	-	-	5388
2000	MEAN	-	-	-	2.2	2.5	1.9	2.0	2.0	1.8	2.6	2.7	2.6	2.3
	MAXIMUM	-	-	-	4.7	5.5	3.9	3.7	3.9	3.4	6.9	5.2	7.9	7.9
	DAY-HR	-	-	-	29-15	30-17	11-12	26-11	15-09	30-15	29-14	28-01	22-23	DEC
	# OBS	-	-	-	572	724	701	718	736	711	728	712	739	6341
2001	MEAN	3.3	2.9	3.0	2.4	2.4	2.3	1.8	2.1	1.9	2.2	2.8	3.3	2.5
	MAXIMUM	8.5	6.3	6.2	4.3	7.2	4.8	3.4	5.0	4.5	5.2	6.6	7.7	8.5
	DAY-HR	11-22	10-12	26-10	08-10	02-08	04-08	14-07	30-12	27-22	24-12	22-04	21-02	JAN
	# OBS	742	671	738	713	737	702	739	734	697	742	718	742	8675
POR	MEAN	2.6	2.7	2.7	2.4	2.3	2.2	1.9	1.9	1.8	2.1	2.5	2.8	2.3
	MAXIMUM	9.0	8.3	7.3	7.7	7.2	5.3	4.3	5.0	4.9	6.9	7.1	8.8	9.0
	YEAR	1990	1984	1995	1999	2001	1995	1999	2001	1987	2000	1998	1983	JAN/1990
	# OBS	9013	7840	8250	9355	10134	10901	12200	11130	10651	11242	10566	10978	122260

STATION: 46028

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

Month: JAN

	WIND DIRECTION													
WIND SPEED	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	TOT %	TOT N
0	1.0	0.1	0.1	0.1	0.1	0.3	0.2	0.1	0.1	0.1	0.1	0.3	0.2	2.8	267
1 - 3		1.2	1.0	0.7	0.9	1.3	1.2	1.0	1.0	1.4	1.7	2.5	1.8	15.7	1504
4 - 6		1.3	0.5	0.4	0.7	1.2	1.8	1.4	0.9	0.9	1.9	3.6	3.3	17.8	1702
7 - 10		1.0	0.1	0.1	0.4	1.5	2.1	1.7	0.8	0.4	1.0	4.7	5.8	19.5	1866
11 - 15		0.6	*	*	0.1	1.3	1.7	1.2	0.4	0.4	0.7	4.4	9.7	20.7	1980
16 - 20		0.3	-	-	-	1.0	1.4	0.6	0.2	0.1	0.2	2.5	8.7	15.0	1434
21 - 24		0.1	-	-	-	0.4	0.7	0.2	*	*	*	1.0	3.8	6.2	594
25 - 33		*	-	-	-	0.2	0.2	0.1	*	-	*	0.1	1.6	2.2	214
34 - 47		-	-	-	-	-	-	-	-	*	-	-	*	0.0	4
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.0	4.7	1.7	1.2	2.2	7.1	9.3	6.2	3.5	3.4	5.6	19.1	34.9	100.0	
TOTAL N	97	450	167	119	207	678	887	595	339	328	532	1827	3339		9565

(* < 0.05%)

STATION: 46028

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

Month: FEB

	WIND DIRECTION													
WIND SPEED	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	TOT %	TOT N
0	0.4	*	0.1	0.1	0.1	0.1	*	*	0.1	*	0.1	0.1	*	1.2	104
1 - 3		1.0	0.8	0.5	0.6	0.7	0.8	0.6	0.8	0.8	1.0	1.6	1.3	10.5	894
4 - 6		1.3	0.4	0.2	0.6	0.9	1.4	1.4	0.9	1.1	1.5	2.7	2.6	14.8	1263
7 - 10		1.2	0.1	0.1	0.3	1.4	1.7	1.6	1.0	0.7	1.4	4.3	6.8	20.7	1765
11 - 15		0.6	-	-	0.3	1.7	1.7	0.9	0.8	0.4	0.8	4.3	11.8	23.3	1985
16 - 20		0.1	-	-	0.2	1.1	1.4	0.7	0.2	0.1	0.2	3.4	11.1	18.4	1568
21 - 24		0.1	-	-	-	0.3	0.7	0.2	0.1	-	*	1.7	4.9	8.1	689
25 - 33		-	-	-	-	0.2	0.4	0.1	*	-	*	0.6	1.8	3.1	266
34 - 47		-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	4.3	1.4	0.8	1.9	6.6	8.1	5.4	3.9	3.1	4.9	18.8	40.2	100.0	
TOTAL N	36	369	119	71	165	560	694	462	332	267	421	1608	3431		8535

(* < 0.05%)

STATION: 46028

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

Month: MAR

	WIND DIRECTION													
WIND SPEED	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	TOT %	TOT N
0	0.4	0.1	*	*	0.1	*	0.1	*	0.1	*	0.1	*	*	1.0	94
1 - 3		0.8	0.4	0.4	0.5	0.7	0.6	0.7	0.7	0.6	0.8	1.1	1.0	8.2	734
4 - 6		0.7	0.3	0.2	0.5	0.9	1.1	0.5	0.6	0.8	1.3	2.6	2.3	12.0	1080
7 - 10		0.7	0.1	0.1	0.2	1.2	1.5	0.8	0.5	0.6	1.3	5.3	6.1	18.4	1656
11 - 15		0.4	*	-	0.1	1.1	1.7	0.7	0.5	0.3	0.7	6.2	11.4	23.1	2081
16 - 20		0.2	-	-	*	0.7	1.2	0.5	0.1	0.1	0.2	5.2	13.0	21.2	1906
21 - 24		*	-	-	-	0.1	0.4	0.1	*	*	*	2.9	7.1	10.8	972
25 - 33		-	-	-	-	0.3	0.3	*	-	-	-	2.0	2.7	5.3	476
34 - 47		-	-	-	-	*	*	-	-	-	-	-	-	0.0	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0

TOTAL %	0.4	2.9	0.8	0.7	1.4	5.1	6.9	3.4	2.6	2.4	4.3	25.3	43.7	100.0	
TOTAL N	40	261	73	62	128	457	620	307	236	219	391	2278	3930		9002

(* < 0.05%)

STATION: 46028

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

Month: APR

	WIND DIRECTION													
WIND SPEED	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	TOT %	TOT N
0	0.5	*	0.1	*	*	*	*	*	*	*	*	0.1	0.1	0.9	90
1 - 3		0.5	0.4	0.3	0.4	0.5	0.5	0.6	0.5	0.5	0.7	1.1	0.8	6.7	705
4 - 6		0.6	0.3	0.3	0.5	0.8	0.9	0.7	0.5	0.3	0.6	1.8	2.1	9.2	963
7 - 10		0.6	0.1	*	0.3	1.2	0.9	0.5	0.4	0.3	0.5	4.4	5.5	14.7	1544
11 - 15		1.0	-	*	*	0.7	0.5	0.2	0.1	0.1	0.3	7.1	10.9	21.1	2212
16 - 20		0.8	-	-	*	0.2	0.1	*	0.1	*	0.1	7.5	13.2	22.1	2317
21 - 24		0.6	-	-	-	*	*	-	*	-	*	5.3	10.0	16.1	1685
25 - 33		0.9	-	-	-	0.1	*	-	-	-	-	3.3	4.8	9.2	961
34 - 47		-	-	-	-	-	-	-	-	-	-	*	*	0.0	4
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	5.1	0.9	0.7	1.2	3.6	3.0	1.9	1.6	1.2	2.2	30.7	47.2	100.0	
TOTAL N	48	538	95	69	130	376	312	204	170	130	235	3222	4952		10481

(* < 0.05%)

STATION: 46028

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

Month: MAY

	WIND DIRECTION													
WIND SPEED	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	TOT %	TOT N
0	0.2	*	0.1	*	*	*	*	*	0.1	*	*	0.1	*	0.6	65
1 - 3		0.5	0.3	0.3	0.4	0.5	0.5	0.6	0.5	0.4	0.5	0.7	0.5	5.7	665
4 - 6		0.4	0.1	0.2	0.4	0.9	0.9	0.9	0.2	0.4	0.7	1.8	1.4	8.3	968
7 - 10		0.3	*	*	0.1	1.2	1.4	0.5	0.1	0.2	0.6	3.7	3.8	11.9	1378
11 - 15		0.2	*	-	0.1	0.8	0.5	0.1	*	*	0.2	7.0	9.2	18.2	2112
16 - 20		*	-	-	*	0.2	0.1	*	-	-	*	11.0	15.6	27.0	3141
21 - 24		-	-	-	-	-	-	*	-	-	-	8.3	11.3	19.6	2281
25 - 33		-	-	-	-	-	-	-	-	-	-	5.0	3.7	8.7	1010
34 - 47		-	-	-	-	-	-	-	-	-	-	*	-	0.0	2
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	1.4	0.5	0.5	1.0	3.7	3.3	2.1	0.9	1.1	2.1	37.7	45.5	100.0	
TOTAL N	18	167	62	54	120	432	388	243	103	126	242	4376	5291		11622

(* < 0.05%)

STATION: 46028

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

Month: JUN

	WIND DIRECTION													
WIND SPEED	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	TOT %	TOT N
0	0.4	0.1	0.1	0.1	*	0.1	0.1	*	0.1	*	0.1	0.1	0.1	1.3	143
1 - 3		0.5	0.4	0.3	0.5	0.7	0.7	0.7	0.7	0.5	0.7	1.1	1.0	7.7	873
4 - 6		0.6	0.1	0.1	0.4	1.2	1.1	0.7	0.3	0.3	0.8	2.1	2.6	10.3	1166
7 - 10		0.5	0.1	-	0.2	1.4	1.3	0.2	0.1	0.1	0.3	3.9	5.2	13.1	1483
11 - 15		0.1	-	-	-	0.5	0.7	0.1	-	-	0.1	6.5	8.0	15.9	1797
16 - 20		*	-	-	-	0.1	*	*	-	-	-	9.0	13.1	22.2	2508
21 - 24		-	-	-	-	-	-	-	-	-	-	8.9	9.8	18.8	2120
25 - 33		-	-	-	-	-	-	-	-	-	-	5.4	5.2	10.7	1204
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	1.8	0.7	0.4	1.1	4.0	3.9	1.8	1.2	1.0	1.9	37.0	44.9	100.0	
TOTAL N	48	201	76	45	127	449	440	200	133	108	210	4183	5074		11294

(* < 0.05%)

STATION: 46028

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

Month: JUL

	WIND DIRECTION													
WIND SPEED	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	TOT %	TOT N
0	0.6	0.1	*	0.1	*	0.1	*	*	0.1	*	0.1	0.1	*	1.4	172
1 - 3		0.9	0.5	0.4	0.5	0.8	0.8	1.0	1.2	1.1	1.4	2.0	1.5	12.1	1500
4 - 6		0.8	0.2	0.1	0.3	0.6	1.3	1.0	0.3	0.3	1.2	3.7	3.6	13.3	1648
7 - 10		0.6	*	-	0.1	0.4	0.5	0.1	*	*	0.2	6.4	7.7	16.0	1981
11 - 15		0.3	-	-	-	*	*	-	-	-	*	7.6	11.6	19.6	2424
16 - 20		0.1	-	-	-	-	-	-	-	-	*	7.0	12.1	19.2	2371

21 - 24	-	-	-	-	-	-	-	-	-	-	5.5	8.1	13.6	1681
25 - 33	-	-	-	-	-	-	-	-	-	-	2.1	2.6	4.7	581
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	2.8	0.7	0.6	0.9	2.0	2.6	2.2	1.6	1.5	2.9	34.3	47.3	100.0
TOTAL N	72	341	90	72	108	253	325	266	197	184	361	4244	5845	12358

(* < 0.05%)

STATION: 46028

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

Month: AUG

WIND DIRECTION

WIND SPEED	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	TOT %	TOT N
0	0.5	*	0.1	*	-	0.1	0.1	*	0.1	0.1	*	0.1	0.1	1.3	151
1 - 3		0.7	0.3	0.2	0.3	1.0	0.9	0.7	0.6	0.6	1.0	1.9	1.4	9.8	1119
4 - 6		0.7	0.2	*	0.3	0.9	1.0	0.6	0.3	0.2	1.0	3.8	3.5	12.6	1437
7 - 10		0.3	*	-	*	0.5	0.6	0.1	*	-	0.2	6.2	7.7	15.6	1786
11 - 15		0.1	-	-	-	*	0.1	-	-	-	0.1	7.3	12.8	20.3	2318
16 - 20		*	-	-	-	-	-	-	-	-	-	7.9	16.4	24.4	2785
21 - 24		*	-	-	-	-	-	-	-	-	-	6.6	6.5	13.1	1493
25 - 33		-	-	-	-	-	-	-	-	-	-	1.9	1.0	3.0	340
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	1.9	0.6	0.3	0.6	2.5	2.7	1.5	1.0	0.9	2.2	35.8	49.4	100.0	
TOTAL N	61	219	73	33	71	281	303	172	120	108	248	4094	5646		11429

(* < 0.05%)

STATION: 46028

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

Month: SEP

WIND DIRECTION

WIND SPEED	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	TOT %	TOT N
0	0.5	*	0.1	0.1	*	0.1	0.1	*	0.1	0.1	0.1	0.1	*	1.3	135
1 - 3		0.8	0.6	0.5	0.9	1.1	0.9	0.8	0.7	0.7	1.1	1.7	1.6	11.4	1221
4 - 6		0.8	0.2	0.1	0.4	1.4	1.2	0.6	0.3	0.3	1.2	4.5	3.9	14.9	1601
7 - 10		0.6	*	*	0.3	1.1	0.8	0.2	*	0.1	0.6	7.6	9.7	21.0	2255
11 - 15		0.1	*	-	-	0.1	0.1	*	-	*	0.1	8.4	14.7	23.6	2536
16 - 20		-	-	-	-	-	-	-	-	-	*	5.8	11.3	17.1	1841
21 - 24		-	-	-	-	-	-	-	-	-	-	3.1	5.4	8.5	911
25 - 33		-	-	-	-	-	-	-	-	-	-	0.8	1.3	2.2	235
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	2.4	1.0	0.7	1.6	3.7	3.1	1.6	1.0	1.2	3.1	32.0	48.0	100.0	
TOTAL N	49	256	103	79	173	401	330	172	111	126	337	3440	5158		10735

(* < 0.05%)

STATION: 46028

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

Month: OCT

WIND DIRECTION

WIND SPEED	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	TOT %	TOT N
0	0.4	0.1	0.1	*	*	0.2	*	*	0.1	0.1	*	0.2	0.1	1.3	156
1 - 3		1.0	0.8	0.6	0.7	1.0	1.0	0.6	0.8	0.8	1.4	1.9	1.7	12.4	1456
4 - 6		1.1	0.3	0.3	0.8	1.6	1.3	0.7	0.2	0.5	1.4	4.3	3.9	16.6	1951
7 - 10		0.7	-	*	0.3	1.2	1.2	0.3	0.1	0.1	0.7	6.5	9.4	20.6	2419
11 - 15		0.3	-	-	*	0.3	0.8	0.2	0.2	0.1	0.2	5.8	14.1	22.0	2586
16 - 20		*	-	-	-	*	0.1	0.1	0.1	0.1	0.2	4.6	12.1	17.2	2016
21 - 24		-	-	-	-	*	-	-	-	-	*	2.6	4.8	7.4	865
25 - 33		-	-	-	-	-	-	-	-	-	*	1.1	1.5	2.6	306
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	3.2	1.3	1.0	1.8	4.3	4.4	2.0	1.4	1.7	4.0	26.9	47.5	100.0	
TOTAL N	51	376	149	120	216	507	518	239	167	197	469	3161	5585		11755

(* < 0.05%)

STATION: 46028

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

Month: NOV

WIND DIRECTION

WIND SPEED	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	TOT %	TOT N
0	0.4	*	0.1	*	*	0.1	*	*	0.1	*	*	0.1	0.1	1.0	112
1 - 3		1.0	0.6	0.6	0.6	0.8	0.8	0.9	1.0	0.8	1.2	1.7	1.4	11.4	1295

4 - 6	1.2	0.3	0.2	0.5	0.8	1.1	0.8	0.6	0.7	1.1	3.8	4.2	15.5	1756
7 - 10	1.1	0.1	0.1	0.2	1.2	1.4	0.5	0.4	0.4	1.0	5.2	8.5	20.0	2269
11 - 15	0.6	-	*	0.1	1.0	1.2	0.2	0.3	0.2	0.3	5.2	13.5	22.7	2571
16 - 20	0.4	-	-	-	0.5	0.7	0.1	0.1	0.1	0.1	3.3	13.0	18.2	2056
21 - 24	0.1	-	-	*	0.1	0.3	*	*	*	*	0.9	6.9	8.4	957
25 - 33	*	-	-	-	-	0.1	*	*	*	-	0.3	2.3	2.7	311
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	4.4	1.1	1.0	1.5	4.4	5.6	2.7	2.5	2.2	3.8	20.4	50.0	100.0
TOTAL N	49	504	121	114	169	493	634	302	282	247	431	2312	5669	11327

(* < 0.05%)

STATION: 46028

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

Month: DEC

	WIND DIRECTION														
WIND SPEED	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	TOT %	TOT N
0	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	*	1.8	207
1 - 3		1.4	0.8	0.6	0.8	1.1	1.0	1.0	1.2	1.1	1.8	2.2	1.9	15.0	1725
4 - 6		1.5	0.5	0.5	0.6	1.0	1.8	1.4	0.8	0.8	1.7	3.1	3.4	17.3	1991
7 - 10		1.1	0.1	0.1	0.4	1.3	2.4	1.2	0.6	0.3	0.9	4.5	6.5	19.6	2256
11 - 15		1.0	*	*	0.3	1.5	2.0	0.8	0.3	0.3	0.4	3.9	9.0	19.7	2271
16 - 20		0.4	-	*	0.3	1.1	1.4	0.4	0.2	0.2	0.1	3.5	8.5	16.2	1866
21 - 24		0.3	-	-	*	0.5	0.7	0.1	*	*	*	1.2	4.6	7.7	882
25 - 33		0.1	-	-	-	0.2	0.4	*	*	*	*	0.4	1.5	2.8	317
34 - 47		-	-	-	-	*	0.1	-	-	-	-	-	-	0.1	11
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	5.8	1.5	1.4	2.6	7.0	10.0	5.2	3.3	2.9	5.2	19.3	35.5	100.0	
TOTAL N	57	664	175	156	299	803	1147	594	386	337	597	2220	4091		11526

(* < 0.05%)

STATION: 46028

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

All Months: Annual

	WIND DIRECTION														
WIND SPEED	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	TOT %	TOT N
0	0.5	*	0.1	*	*	0.1	0.1	*	0.1	0.1	0.1	0.1	0.1	1.3	1696
1 - 3		0.9	0.6	0.5	0.6	0.8	0.8	0.8	0.8	0.8	1.1	1.6	1.3	10.6	13691
4 - 6		0.9	0.3	0.2	0.5	1.0	1.2	0.9	0.5	0.5	1.2	3.2	3.1	13.5	17526
7 - 10		0.7	0.1	*	0.2	1.1	1.3	0.6	0.3	0.2	0.7	5.3	6.9	17.5	22658
11 - 15		0.4	*	*	0.1	0.7	0.9	0.3	0.2	0.1	0.3	6.2	11.4	20.7	26873
16 - 20		0.2	-	*	*	0.4	0.5	0.2	0.1	0.1	0.1	6.0	12.4	19.9	25809
21 - 24		0.1	-	-	*	0.1	0.2	0.1	*	*	*	4.1	7.0	11.7	15130
25 - 33		0.1	-	-	-	0.1	0.1	*	*	*	*	2.0	2.5	4.8	6221
34 - 47		-	-	-	-	*	*	-	-	*	-	*	*	0.0	25
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	3.4	1.0	0.8	1.5	4.4	5.1	2.9	2.0	1.8	3.5	28.5	44.8	100.0	
TOTAL N	626	4346	1303	994	1913	5690	6598	3756	2576	2377	4474	36965	58011		129629

(* < 0.05%)

STATION: 46028

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

Months: DEC, JAN, FEB (Winter)

	WIND DIRECTION														
WIND SPEED	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	TOT %	TOT N
0	0.6	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	2.0	578
1 - 3		1.2	0.9	0.6	0.7	1.1	1.0	0.9	1.0	1.1	1.5	2.1	1.7	13.9	4123
4 - 6		1.4	0.5	0.4	0.7	1.0	1.7	1.4	0.9	0.9	1.7	3.1	3.2	16.7	4956
7 - 10		1.1	0.1	0.1	0.4	1.4	2.1	1.5	0.8	0.4	1.1	4.6	6.3	19.9	5887
11 - 15		0.7	*	*	0.2	1.5	1.8	1.0	0.5	0.4	0.6	4.2	10.0	21.0	6236
16 - 20		0.3	-	*	0.2	1.1	1.4	0.5	0.2	0.1	0.2	3.2	9.3	16.4	4868
21 - 24		0.2	-	-	*	0.4	0.7	0.2	0.1	*	*	1.3	4.4	7.3	2165
25 - 33		0.1	-	-	-	0.2	0.3	0.1	*	*	*	0.4	1.6	2.7	797
34 - 47		-	-	-	-	*	*	-	-	*	-	-	*	0.1	16
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	5.0	1.6	1.2	2.3	6.9	9.2	5.6	3.6	3.1	5.2	19.1	36.7	100.0	
TOTAL N	190	1483	461	346	671	2041	2728	1651	1057	932	1550	5655	10861		29626

(* < 0.05%)

STATION: 46028

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

Months: MAR, APR, MAY (Spring)

WIND DIRECTION

WIND SPEED	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	TOT %	TOT N
0	0.3	*	0.1	*	*	*	*	*	0.1	*	*	0.1	0.1	0.8	249
1 - 3		0.6	0.4	0.3	0.4	0.6	0.6	0.6	0.6	0.5	0.6	0.9	0.7	6.8	2104
4 - 6		0.6	0.2	0.2	0.5	0.9	1.0	0.7	0.4	0.5	0.9	2.0	1.9	9.7	3011
7 - 10		0.6	0.1	*	0.2	1.2	1.2	0.6	0.3	0.3	0.8	4.4	5.0	14.7	4578
11 - 15		0.5	*	*	0.1	0.9	0.8	0.3	0.2	0.1	0.4	6.8	10.4	20.6	6405
16 - 20		0.3	-	-	*	0.4	0.4	0.2	0.1	*	0.1	8.2	14.0	23.7	7364
21 - 24		0.2	-	-	-	0.1	0.1	*	*	*	*	5.8	9.6	15.9	4938
25 - 33		0.3	-	-	-	0.1	0.1	*	-	-	-	3.6	3.8	7.9	2447
34 - 47		-	-	-	-	*	*	-	-	-	-	*	*	0.0	9
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	3.1	0.7	0.6	1.2	4.1	4.2	2.4	1.6	1.5	2.8	31.8	45.6	100.0	
TOTAL N	106	966	230	185	378	1265	1320	754	509	475	868	9876	14173		31105

(* < 0.05%)

STATION: 46028

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

Months: JUN, JUL, AUG (Summer)

WIND DIRECTION

WIND SPEED	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	TOT %	TOT N
0	0.5	0.1	0.1	*	*	0.1	0.1	*	0.1	*	*	0.1	0.1	1.3	466
1 - 3		0.7	0.4	0.3	0.4	0.8	0.8	0.8	0.8	0.8	1.0	1.7	1.3	10.0	3492
4 - 6		0.7	0.2	0.1	0.3	0.9	1.1	0.8	0.3	0.3	1.0	3.2	3.3	12.1	4251
7 - 10		0.4	*	-	0.1	0.8	0.8	0.2	*	*	0.2	5.5	6.9	15.0	5250
11 - 15		0.2	-	-	-	0.2	0.2	*	-	-	*	7.2	10.8	18.6	6539
16 - 20		0.1	-	-	-	*	*	*	-	-	*	7.9	13.8	21.8	7664
21 - 24		*	-	-	-	-	-	-	-	-	-	7.0	8.1	15.1	5294
25 - 33		-	-	-	-	-	-	-	-	-	-	3.1	3.0	6.1	2125
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	2.2	0.7	0.4	0.9	2.8	3.0	1.8	1.3	1.1	2.3	35.7	47.2	100.0	
TOTAL N	181	761	239	150	306	983	1068	638	450	400	819	12521	16565		35081

(* < 0.05%)

STATION: 46028

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

Months: SEP, OCT, NOV (Autumn)

WIND DIRECTION

WIND SPEED	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	TOT %	TOT N
0	0.4	*	0.1	*	*	0.1	*	*	0.1	0.1	*	0.1	0.1	1.2	403
1 - 3		0.9	0.7	0.6	0.7	0.9	0.9	0.8	0.8	0.8	1.3	1.8	1.6	11.7	3972
4 - 6		1.1	0.3	0.2	0.6	1.3	1.2	0.7	0.4	0.5	1.3	4.2	4.0	15.7	5308
7 - 10		0.8	*	*	0.3	1.2	1.1	0.3	0.2	0.2	0.7	6.4	9.2	20.5	6943
11 - 15		0.3	*	*	*	0.5	0.7	0.2	0.2	0.1	0.2	6.4	14.1	22.7	7693
16 - 20		0.1	-	-	-	0.2	0.2	0.1	0.1	*	0.1	4.5	12.2	17.5	5913
21 - 24		*	-	-	*	*	0.1	*	*	*	*	2.2	5.7	8.1	2733
25 - 33		*	-	-	-	-	*	*	*	*	*	0.8	1.7	2.5	852
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	3.4	1.1	0.9	1.7	4.1	4.4	2.1	1.7	1.7	3.7	26.4	48.5	100.0	
TOTAL N	149	1136	373	313	558	1401	1482	713	560	570	1237	8913	16412		33817

(* < 0.05%)

STATION: 46028

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

Month: JAN

WAVE HEIGHT

WIND SPEED	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	TOT %	TOT N
0	-	0.7	1.6	0.5	0.1	-	-	-	-	-	-	-	-	-	-	2.9	265
1 - 3	-	2.6	8.0	4.2	0.9	0.2	*	-	-	-	-	-	-	-	-	15.8	1427
4 - 6	-	2.2	8.5	5.3	1.3	0.3	*	-	-	-	-	-	-	-	-	17.6	1590
7 - 10	-	1.9	8.6	6.0	2.5	0.3	0.1	-	-	-	-	-	-	-	-	19.5	1758
11 - 15	-	1.0	8.6	7.8	2.5	0.6	0.1	*	-	*	-	-	-	-	-	20.7	1862
16 - 20	*	0.1	5.1	5.9	3.0	0.7	0.2	0.2	*	*	-	-	-	-	-	15.1	1358
21 - 24	-	-	0.9	2.2	2.0	0.8	*	0.1	*	*	-	-	-	-	-	6.1	552
25 - 33	-	-	0.1	0.4	0.9	0.6	*	0.1	0.1	-	-	-	-	-	-	2.1	191
34 - 47	-	-	-	-	-	*	-	*	-	-	-	-	-	-	-	0.0	3
> 48	-	*	0.1	-	*	-	-	-	-	-	-	-	-	-	-	0.1	7
TOTAL %	0.0	8.5	41.4	32.2	13.3	3.4	0.5	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	767	3735	2905	1195	310	48	35	10	7	0	0	0	0	0		9013

(* < 0.05%)

STATION: 46028

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

Month: FEB

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.2	0.8	0.3	*	-	-	*	-	-	-	-	-	-	-	1.3	100
1 - 3	-	2.1	4.9	2.5	0.7	0.1	0.1	*	-	-	-	-	-	-	-	10.5	822
4 - 6	-	2.5	6.5	4.3	1.2	0.3	0.1	*	-	-	-	-	-	-	-	14.8	1163
7 - 10	-	2.4	9.1	6.1	2.1	1.0	0.2	*	-	-	-	-	-	-	-	20.9	1635
11 - 15	-	2.0	9.3	7.8	3.3	0.9	0.2	*	-	-	-	-	-	-	-	23.5	1840
16 - 20	-	0.2	4.8	6.8	4.4	1.4	0.3	0.1	*	-	-	-	-	-	-	17.9	1406
21 - 24	-	-	1.0	3.0	2.1	1.5	0.5	*	*	-	-	-	-	-	-	8.2	641
25 - 33	-	-	*	0.5	1.0	1.0	0.3	0.1	-	-	-	-	-	-	-	2.9	231
34 - 47	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
> 48	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	9.3	36.3	31.2	14.8	6.2	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	730	2847	2450	1163	489	134	24	3	0	0	0	0	0	0		7840

(* < 0.05%)

STATION: 46028

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

Month: MAR

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.4	0.7	0.1	*	*	-	-	-	-	-	-	-	-	-	1.1	93
1 - 3	-	2.4	3.6	1.6	0.5	0.1	*	-	-	-	-	-	-	-	-	8.3	682
4 - 6	-	3.0	5.3	2.4	1.0	0.3	0.1	*	-	-	-	-	-	-	-	12.0	988
7 - 10	-	3.2	7.8	4.2	2.0	0.5	0.1	*	-	-	-	-	-	-	-	17.8	1465
11 - 15	-	1.6	10.1	7.6	3.0	0.4	0.2	0.1	-	-	-	-	-	-	-	23.0	1898
16 - 20	-	0.2	5.9	9.3	4.9	0.8	0.2	*	-	-	-	-	-	-	-	21.4	1762
21 - 24	-	*	1.3	4.3	4.0	1.2	0.1	-	-	-	-	-	-	-	-	11.0	904
25 - 33	-	-	*	1.8	2.3	1.2	0.1	-	-	-	-	-	-	-	-	5.5	454
34 - 47	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	3
> 48	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	10.7	34.7	31.3	17.7	4.5	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	881	2860	2582	1462	370	74	21	0	0	0	0	0	0	0		8250

(* < 0.05%)

STATION: 46028

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

Month: APR

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	0.1	0.4	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	0.9	88
1 - 3	-	2.6	3.6	1.0	0.1	*	*	-	-	-	-	-	-	-	-	7.3	681
4 - 6	-	2.9	5.3	1.4	0.1	*	*	-	-	-	-	-	-	-	-	9.8	916
7 - 10	-	3.8	8.0	3.0	0.4	0.1	*	*	-	-	-	-	-	-	-	15.2	1426
11 - 15	-	3.4	12.0	4.7	1.0	0.1	*	*	-	-	-	-	-	-	-	21.2	1984
16 - 20	-	0.7	10.1	7.8	2.6	0.4	-	-	-	-	-	-	-	-	-	21.7	2029
21 - 24	-	*	3.2	7.2	3.6	0.9	0.1	-	-	-	-	-	-	-	-	15.1	1409
25 - 33	-	-	0.3	3.6	3.7	0.9	0.1	0.1	*	-	-	-	-	-	-	8.8	819
34 - 47	-	-	-	-	-	*	*	*	-	-	-	-	-	-	-	0.0	3
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	13.7	42.9	28.8	11.5	2.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	1286	4012	2690	1080	241	29	9	2	0	0	0	0	0	0		9355

(* < 0.05%)

STATION: 46028

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

Month: MAY

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.2	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	0.6	59
1 - 3	-	1.3	3.5	0.8	*	-	-	-	-	-	-	-	-	-	-	5.7	577
4 - 6	-	1.9	5.0	1.2	0.1	-	-	-	-	-	-	-	-	-	-	8.2	828
7 - 10	-	2.5	6.5	2.3	0.2	*	-	-	-	-	-	-	-	-	-	11.6	1172
11 - 15	-	2.9	11.0	4.4	0.5	*	-	-	-	-	-	-	-	-	-	18.7	1896
16 - 20	-	1.5	17.0	8.5	1.1	0.1	-	-	-	-	-	-	-	-	-	28.2	2858
21 - 24	-	*	7.8	9.2	2.2	0.1	-	-	-	-	-	-	-	-	-	19.3	1959
25 - 33	-	-	0.6	4.0	1.9	0.7	0.4	0.2	-	-	-	-	-	-	-	7.7	783
34 - 47	-	-	-	-	*	-	-	*	-	-	-	-	-	-	-	0.0	2
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0

TOTAL %	0.0	10.4	51.6	30.5	6.0	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
TOTAL N	0	1050	5228	3093	613	93	40	17	0	0	0	0	0	0	0	10134

(* < 0.05%)

STATION: 46028

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

Month: JUN

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.4	0.8	0.1	-	-	-	-	-	-	-	-	-	-	-	1.3	142
1 - 3	-	2.7	4.5	0.7	0.1	-	-	-	-	-	-	-	-	-	-	7.9	863
4 - 6	-	3.7	5.4	1.2	0.1	-	-	-	-	-	-	-	-	-	-	10.5	1146
7 - 10	-	4.1	7.3	1.7	0.1	-	-	-	-	-	-	-	-	-	-	13.2	1436
11 - 15	-	3.7	9.0	2.6	0.3	-	-	-	-	-	-	-	-	-	-	15.7	1715
16 - 20	-	1.0	13.8	7.0	0.6	*	-	-	-	-	-	-	-	-	-	22.4	2438
21 - 24	-	*	7.3	10.0	1.2	0.1	-	-	-	-	-	-	-	-	-	18.5	2020
25 - 33	-	-	1.1	6.8	2.2	0.3	-	-	-	-	-	-	-	-	-	10.4	1139
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	15.7	49.3	30.0	4.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1709	5369	3275	499	49	0	0	0	0	0	0	0	0	0		10901

(* < 0.05%)

STATION: 46028

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

Month: JUL

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.4	0.8	0.1	*	-	-	-	-	-	-	-	-	-	-	1.4	170
1 - 3	-	3.6	7.5	1.0	*	-	-	-	-	-	-	-	-	-	-	12.1	1481
4 - 6	-	5.5	7.0	0.9	*	-	-	-	-	-	-	-	-	-	-	13.4	1632
7 - 10	-	7.6	7.6	0.8	*	-	-	-	-	-	-	-	-	-	-	16.1	1963
11 - 15	-	5.8	11.8	2.0	0.1	-	-	-	-	-	-	-	-	-	-	19.6	2392
16 - 20	-	1.7	13.7	3.5	0.1	-	-	-	-	-	-	-	-	-	-	19.0	2323
21 - 24	-	*	7.7	5.4	0.1	-	-	-	-	-	-	-	-	-	-	13.2	1608
25 - 33	-	-	1.5	3.0	0.2	-	-	-	-	-	-	-	-	-	-	4.8	580
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.4	51
TOTAL %	0.0	24.9	57.7	16.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	3040	7036	2051	73	0	0	0	0	0	0	0	0	0	0		12200

(* < 0.05%)

STATION: 46028

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

Month: AUG

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.4	0.7	*	-	*	-	-	-	-	-	-	-	-	-	1.2	128
1 - 3	-	3.5	5.7	0.3	0.1	-	-	-	-	-	-	-	-	-	-	9.7	1075
4 - 6	-	4.4	7.5	0.4	0.1	-	-	-	-	-	-	-	-	-	-	12.4	1380
7 - 10	-	6.6	8.4	0.6	*	-	-	-	-	-	-	-	-	-	-	15.6	1737
11 - 15	-	7.2	12.8	0.5	*	-	-	-	-	-	-	-	-	-	-	20.5	2283
16 - 20	-	1.5	19.9	3.1	*	-	-	-	-	-	-	-	-	-	-	24.5	2729
21 - 24	-	*	7.9	5.1	0.1	-	-	-	-	-	-	-	-	-	-	13.1	1458
25 - 33	-	-	0.9	2.1	0.1	-	-	-	-	-	-	-	-	-	-	3.0	337
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	23.6	63.8	12.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2627	7099	1360	43	1	0	0	0	0	0	0	0	0	0		11130

(* < 0.05%)

STATION: 46028

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

Month: SEP

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.4	0.8	0.1	*	-	-	-	-	-	-	-	-	-	-	1.2	133
1 - 3	-	3.6	6.6	1.0	0.1	-	-	-	-	-	-	-	-	-	-	11.3	1200

4 - 6	-	5.6	8.0	1.2	0.1	-	-	-	-	-	-	-	-	-	-	14.9	1587
7 - 10	-	8.4	11.2	1.3	0.1	*	-	-	-	-	-	-	-	-	-	21.0	2239
11 - 15	-	8.5	13.1	1.8	0.2	-	-	-	-	-	-	-	-	-	-	23.6	2517
16 - 20	-	1.3	12.8	2.8	0.2	*	-	-	-	-	-	-	-	-	-	17.2	1833
21 - 24	-	-	5.1	3.0	0.5	*	-	-	-	-	-	-	-	-	-	8.5	908
25 - 33	-	-	0.6	1.5	*	-	-	-	-	-	-	-	-	-	-	2.2	233
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	27.7	58.3	12.6	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2952	6210	1344	136	9	0	0	0	0	0	0	0	0	0		10651

(* < 0.05%)

STATION: 46028

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

Month: OCT

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.4	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	1.1	124
1 - 3	-	3.6	6.4	1.4	0.2	-	-	-	-	-	-	-	-	-	-	11.7	1313
4 - 6	-	5.0	8.8	2.3	0.3	-	*	*	-	-	-	-	-	-	-	16.3	1838
7 - 10	-	5.6	11.3	3.0	0.5	0.2	0.1	*	-	-	-	-	-	-	-	20.7	2327
11 - 15	-	4.0	12.9	4.3	0.8	0.1	-	-	-	-	-	-	-	-	-	22.1	2479
16 - 20	-	0.8	9.5	5.6	1.6	0.2	*	-	-	-	-	-	-	-	-	17.8	1997
21 - 24	-	*	1.9	3.9	1.4	0.3	*	-	-	-	-	-	-	-	-	7.6	858
25 - 33	-	-	0.2	1.4	0.8	0.4	*	-	-	-	-	-	-	-	-	2.7	303
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	19.4	51.6	21.9	5.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2177	5800	2467	643	137	16	2	0	0	0	0	0	0	0		11242

(* < 0.05%)

STATION: 46028

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

Month: NOV

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.2	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	0.8	80
1 - 3	-	2.6	6.0	1.9	0.5	0.3	0.1	*	-	-	-	-	-	-	-	11.5	1210
4 - 6	-	3.5	7.8	3.2	0.8	0.2	0.1	*	-	-	-	-	-	-	-	15.6	1651
7 - 10	-	4.0	9.4	5.0	1.2	0.3	0.1	*	-	-	-	-	-	-	-	20.0	2108
11 - 15	-	1.7	11.2	7.2	2.1	0.4	*	-	-	-	-	-	-	-	-	22.5	2381
16 - 20	-	0.3	6.3	7.0	3.5	0.8	0.1	-	-	-	-	-	-	-	-	18.0	1902
21 - 24	-	*	1.3	4.3	2.5	0.6	0.1	-	-	-	-	-	-	-	-	8.7	924
25 - 33	-	-	0.1	1.1	1.3	0.4	*	-	-	-	-	-	-	-	-	2.9	308
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	12.2	42.5	29.9	11.8	3.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1290	4492	3163	1249	319	45	8	0	0	0	0	0	0	0		10566

(* < 0.05%)

STATION: 46028

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

Month: DEC

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.4	0.9	0.4	0.1	*	*	-	-	-	-	-	-	-	-	1.8	195
1 - 3	-	2.6	6.5	3.4	1.9	0.5	*	*	-	-	-	-	-	-	-	14.9	1631
4 - 6	-	2.5	6.7	4.7	2.3	0.6	0.1	0.1	*	-	-	-	-	-	-	17.0	1865
7 - 10	-	2.6	7.0	6.0	2.8	0.8	0.2	0.1	*	-	-	-	-	-	-	19.5	2137
11 - 15	-	1.1	6.7	7.2	3.4	1.1	0.2	0.1	*	-	-	-	-	-	-	19.7	2163
16 - 20	-	0.3	4.5	6.0	3.4	1.7	0.5	0.1	*	-	-	-	-	-	-	16.5	1813
21 - 24	-	-	1.0	2.7	2.4	1.4	0.2	0.1	*	*	-	-	-	-	-	7.8	853
25 - 33	-	-	*	0.6	0.8	0.9	0.5	0.1	-	-	-	-	-	-	-	2.8	307
34 - 47	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	0.1	11
> 48	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	9.5	33.2	30.9	17.2	6.9	1.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1040	3649	3387	1886	755	187	62	10	2	0	0	0	0	0		10978

(* < 0.05%)

STATION: 46028

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

All Months: Annual

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	*	0.4	0.7	0.2	*	*	*	*	-	-	-	-	-	-	-	1.3	1577
1 - 3	-	2.8	5.7	1.6	0.4	0.1	*	*	-	-	-	-	-	-	-	10.6	12962
4 - 6	-	3.7	6.9	2.3	0.6	0.1	*	*	*	-	-	-	-	-	-	13.6	16584
7 - 10	-	4.5	8.5	3.2	0.9	0.3	0.1	*	*	-	-	-	-	-	-	17.5	21403
11 - 15	-	3.7	10.8	4.6	1.3	0.3	0.1	*	*	*	-	-	-	-	-	20.8	25410
16 - 20	*	0.9	10.6	6.0	2.0	0.5	0.1	*	*	*	-	-	-	-	-	20.0	24448
21 - 24	-	*	4.1	5.1	1.7	0.5	0.1	*	*	*	-	-	-	-	-	11.5	14094
25 - 33	-	-	0.5	2.3	1.2	0.5	0.1	*	*	-	-	-	-	-	-	4.6	5685
34 - 47	-	-	-	-	*	*	*	*	-	-	-	-	-	-	-	0.0	23
> 48	-	*	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	74
TOTAL %	0.0	16.0	47.7	25.2	8.2	2.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	7	19549	58337	30767	10042	2773	573	178	25	9	0	0	0	0	0		122260

(* < 0.05%)

STATION: 46028

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

Months: DEC, JAN, FEB (Winter)

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.4	1.1	0.4	0.1	*	*	*	-	-	-	-	-	-	-	2.0	560
1 - 3	-	2.5	6.5	3.4	1.2	0.3	*	*	-	-	-	-	-	-	-	13.9	3880
4 - 6	-	2.4	7.2	4.8	1.7	0.4	0.1	*	*	-	-	-	-	-	-	16.6	4618
7 - 10	-	2.3	8.1	6.0	2.5	0.7	0.2	*	*	-	-	-	-	-	-	19.9	5530
11 - 15	-	1.3	8.0	7.5	3.1	0.9	0.2	*	*	*	-	-	-	-	-	21.1	5865
16 - 20	*	0.2	4.8	6.2	3.5	1.3	0.3	0.1	*	*	-	-	-	-	-	16.4	4577
21 - 24	-	-	1.0	2.6	2.2	1.2	0.2	0.1	*	*	-	-	-	-	-	7.4	2046
25 - 33	-	-	*	0.5	0.9	0.8	0.3	0.1	*	-	-	-	-	-	-	2.6	729
34 - 47	-	-	-	-	*	*	*	*	-	-	-	-	-	-	-	0.1	15
> 48	-	*	*	-	*	-	-	-	-	-	-	-	-	-	-	0.0	11
TOTAL %	0.0	9.1	36.8	31.4	15.2	5.6	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	2537	10231	8742	4244	1554	369	121	23	9	0	0	0	0	0		27831

(* < 0.05%)

STATION: 46028

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

Months: MAR, APR, MAY (Spring)

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	*	0.3	0.4	0.1	*	*	-	-	-	-	-	-	-	-	-	0.9	240
1 - 3	-	2.0	3.6	1.1	0.2	0.1	*	-	-	-	-	-	-	-	-	7.0	1940
4 - 6	-	2.6	5.2	1.6	0.4	0.1	*	*	-	-	-	-	-	-	-	9.8	2732
7 - 10	-	3.1	7.4	3.1	0.8	0.2	*	*	-	-	-	-	-	-	-	14.6	4063
11 - 15	-	2.6	11.1	5.4	1.4	0.2	0.1	*	-	-	-	-	-	-	-	20.8	5778
16 - 20	-	0.9	11.4	8.5	2.8	0.4	0.1	*	-	-	-	-	-	-	-	24.0	6649
21 - 24	-	*	4.3	7.1	3.2	0.7	0.1	-	-	-	-	-	-	-	-	15.4	4272
25 - 33	-	-	0.3	3.2	2.7	0.9	0.2	0.1	*	-	-	-	-	-	-	7.4	2056
34 - 47	-	-	-	-	*	*	*	*	-	-	-	-	-	-	-	0.0	8
> 48	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	11.6	43.6	30.2	11.4	2.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	3217	12100	8365	3155	704	143	47	2	0	0	0	0	0	0		27739

(* < 0.05%)

STATION: 46028

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

Months: JUN, JUL, AUG (Summer)

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.4	0.8	0.1	*	*	-	-	-	-	-	-	-	-	-	1.3	440
1 - 3	-	3.3	6.0	0.7	0.1	-	-	-	-	-	-	-	-	-	-	10.0	3419
4 - 6	-	4.6	6.7	0.8	0.1	-	-	-	-	-	-	-	-	-	-	12.1	4158
7 - 10	-	6.2	7.8	1.0	*	-	-	-	-	-	-	-	-	-	-	15.0	5136
11 - 15	-	5.6	11.2	1.7	0.1	-	-	-	-	-	-	-	-	-	-	18.7	6390
16 - 20	-	1.4	15.8	4.5	0.2	*	-	-	-	-	-	-	-	-	-	21.9	7490
21 - 24	-	*	7.6	6.8	0.4	*	-	-	-	-	-	-	-	-	-	14.9	5086
25 - 33	-	-	1.2	3.9	0.8	0.1	-	-	-	-	-	-	-	-	-	6.0	2056
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	0.1	*	*	-	-	-	-	-	-	-	-	-	-	-	0.2	56

TOTAL %	0.0	21.5	57.0	19.5	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	7376	19504	6686	615	50	0	0	0	0	0	0	0	0	0		34231

(* < 0.05%)

STATION: 46028

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

Months: SEP, OCT, NOV (Autumn)

	WAVE HEIGHT																
WIND SPEED	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	TOT %	TOT N
0	-	0.3	0.6	0.1	*	-	-	-	-	-	-	-	-	-	-	1.0	337
1 - 3	-	3.3	6.4	1.4	0.3	0.1	*	*	-	-	-	-	-	-	-	11.5	3723
4 - 6	-	4.7	8.2	2.2	0.4	0.1	*	*	-	-	-	-	-	-	-	15.6	5076
7 - 10	-	6.0	10.7	3.1	0.6	0.2	*	*	-	-	-	-	-	-	-	20.6	6674
11 - 15	-	4.7	12.4	4.4	1.0	0.2	*	-	-	-	-	-	-	-	-	22.7	7377
16 - 20	-	0.8	9.5	5.2	1.8	0.3	*	-	-	-	-	-	-	-	-	17.7	5732
21 - 24	-	*	2.7	3.7	1.4	0.3	*	-	-	-	-	-	-	-	-	8.3	2690
25 - 33	-	-	0.3	1.3	0.7	0.3	*	-	-	-	-	-	-	-	-	2.6	844
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	6
TOTAL %	0.0	19.8	50.8	21.5	6.2	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	6419	16502	6974	2028	465	61	10	0	0	0	0	0	0	0		32459

(* < 0.05%)

STATION: 46028

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

Month: JAN

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	15
4.5 - 5.4	-	0.2	0.4	*	-	-	-	-	-	-	-	-	-	-	-	0.6	57
5.5 - 6.4	*	0.1	1.5	0.2	-	-	-	-	-	-	-	-	-	-	-	1.8	160
6.5 - 7.4	-	0.2	0.9	0.5	0.1	*	-	-	-	-	-	-	-	-	-	1.8	161
7.5 - 8.4	-	0.6	1.5	1.2	0.3	*	-	-	-	-	-	-	-	-	-	3.7	332
8.5 - 9.4	-	0.8	1.3	0.9	0.2	*	-	-	-	-	-	-	-	-	-	3.3	295
9.5 - 10.4	-	0.8	2.2	0.9	0.7	0.1	-	-	-	-	-	-	-	-	-	4.7	421
10.5 - 11.4	-	0.7	4.2	2.1	0.9	0.2	-	-	-	-	-	-	-	-	-	8.2	736
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.9	11.5	6.5	2.1	0.4	*	*	-	-	-	-	-	-	-	22.4	2020
13.5 - 14.4	-	2.5	10.8	12.0	4.7	0.9	0.2	0.2	*	-	-	-	-	-	-	31.2	2816
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.5	5.0	5.5	3.0	1.0	0.3	0.2	0.1	*	-	-	-	-	-	15.5	1398
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	1.8	2.0	1.0	0.7	0.1	-	*	0.1	-	-	-	-	-	5.7	515
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	0.3	0.3	0.2	*	-	-	-	-	-	-	-	-	-	0.9	85
TOTAL %	0.0	8.5	41.4	32.2	13.3	3.4	0.5	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	767	3734	2905	1195	310	48	35	10	7	0	0	0	0	0		9012

(* < 0.05%)

STATION: 46028

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

Month: FEB

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	10
4.5 - 5.4	-	0.2	0.6	*	-	-	-	-	-	-	-	-	-	-	-	0.8	59
5.5 - 6.4	-	*	1.0	0.2	-	-	-	-	-	-	-	-	-	-	-	1.2	96
6.5 - 7.4	-	0.1	0.5	0.8	-	-	-	-	-	-	-	-	-	-	-	1.4	108
7.5 - 8.4	-	0.2	0.9	1.4	0.5	0.1	-	-	-	-	-	-	-	-	-	3.0	237
8.5 - 9.4	-	0.4	1.1	0.6	0.3	0.2	*	-	-	-	-	-	-	-	-	2.7	210
9.5 - 10.4	-	0.6	1.9	1.0	0.7	0.2	*	-	-	-	-	-	-	-	-	4.4	346

10.5 - 11.4	-	1.5	4.6	2.8	0.7	0.6	0.1	-	-	-	-	-	-	-	-	10.3	808
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.1	9.5	8.2	2.3	1.1	0.2	0.1	-	-	-	-	-	-	-	23.4	1838
13.5 - 14.4	-	2.8	9.1	10.2	6.6	1.9	0.3	*	-	-	-	-	-	-	-	30.9	2425
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.1	5.5	4.1	3.0	2.1	1.0	0.2	*	-	-	-	-	-	-	16.9	1325
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	1.5	1.9	0.6	0.1	0.1	*	*	-	-	-	-	-	-	4.5	353
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	25
TOTAL %	0.0	9.3	36.3	31.3	14.8	6.2	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	730	2847	2450	1163	489	134	24	3	0	0	0	0	0	0		7840

(* < 0.05%)

STATION: 46028

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

Month: MAR

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
4.5 - 5.4	-	0.1	0.8	-	-	-	-	-	-	-	-	-	-	-	-	0.9	75
5.5 - 6.4	-	0.1	1.2	0.4	*	-	-	-	-	-	-	-	-	-	-	1.7	138
6.5 - 7.4	-	0.1	0.8	1.3	0.1	*	-	-	-	-	-	-	-	-	-	2.3	187
7.5 - 8.4	-	0.3	1.2	2.3	0.9	0.1	-	-	-	-	-	-	-	-	-	4.9	401
8.5 - 9.4	-	0.4	1.5	1.3	0.8	0.3	*	-	-	-	-	-	-	-	-	4.4	361
9.5 - 10.4	-	1.1	2.9	2.0	1.4	0.4	*	-	-	-	-	-	-	-	-	7.7	637
10.5 - 11.4	-	1.3	6.8	4.3	1.9	0.4	*	-	-	-	-	-	-	-	-	14.7	1211
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.1	8.7	7.7	2.7	0.7	0.2	-	-	-	-	-	-	-	-	22.1	1824
13.5 - 14.4	-	3.7	6.4	7.8	6.0	1.3	0.1	*	-	-	-	-	-	-	-	25.3	2084
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.2	3.5	3.2	3.0	0.8	0.4	0.2	-	-	-	-	-	-	-	12.3	1018
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	1.0	1.0	0.8	0.4	0.1	*	-	-	-	-	-	-	-	3.3	276
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	28
TOTAL %	0.0	10.7	34.7	31.3	17.7	4.5	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	881	2860	2581	1462	370	74	21	0	0	0	0	0	0	0		8249

(* < 0.05%)

STATION: 46028

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

Month: APR

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	19
4.5 - 5.4	-	0.2	1.0	*	-	-	-	-	-	-	-	-	-	-	-	1.2	116
5.5 - 6.4	-	0.1	2.9	1.1	-	-	-	-	-	-	-	-	-	-	-	4.2	390
6.5 - 7.4	-	0.1	1.4	2.4	0.1	-	-	-	-	-	-	-	-	-	-	4.1	380
7.5 - 8.4	-	0.3	2.8	2.9	1.0	*	-	-	-	-	-	-	-	-	-	7.1	667
8.5 - 9.4	-	0.6	2.5	2.0	1.3	0.1	-	-	-	-	-	-	-	-	-	6.5	609
9.5 - 10.4	-	0.9	4.0	2.6	1.8	0.4	*	-	-	-	-	-	-	-	-	9.7	903
10.5 - 11.4	-	1.9	7.0	4.0	1.8	0.7	0.1	*	-	-	-	-	-	-	-	15.6	1455
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	3.0	9.0	6.6	1.9	0.3	0.1	*	*	-	-	-	-	-	-	20.9	1957
13.5 - 14.4	-	3.9	7.6	4.5	2.5	0.4	*	*	-	-	-	-	-	-	-	19.0	1775
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0

16.5 - 17.4	-	2.3	3.9	2.2	0.9	0.5	0.1	*	-	-	-	-	-	-	-	9.8	921
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	0.7	0.5	0.1	0.1	-	-	-	-	-	-	-	-	-	1.6	153
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	*	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
TOTAL %	0.1	13.7	42.9	28.8	11.5	2.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	1286	4012	2690	1080	241	29	9	2	0	0	0	0	0	0		9355

(* < 0.05%)

STATION: 46028

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

Month: MAY

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	13
4.5 - 5.4	-	0.4	2.8	*	-	-	-	-	-	-	-	-	-	-	-	3.2	326
5.5 - 6.4	-	0.2	6.5	1.2	-	-	-	-	-	-	-	-	-	-	-	7.9	805
6.5 - 7.4	-	0.3	3.4	3.9	*	-	-	-	-	-	-	-	-	-	-	7.7	782
7.5 - 8.4	-	0.6	6.2	4.5	0.6	*	-	-	-	-	-	-	-	-	-	11.8	1193
8.5 - 9.4	-	0.7	5.9	4.8	1.3	0.1	-	-	-	-	-	-	-	-	-	12.7	1291
9.5 - 10.4	-	0.9	6.8	5.7	2.0	0.3	*	-	-	-	-	-	-	-	-	15.7	1589
10.5 - 11.4	-	0.9	5.4	4.5	1.4	0.3	0.2	*	-	-	-	-	-	-	-	12.8	1296
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.2	4.3	3.3	0.5	0.1	0.1	0.1	-	-	-	-	-	-	-	9.6	969
13.5 - 14.4	-	3.6	4.9	1.6	0.2	*	*	0.1	-	-	-	-	-	-	-	10.5	1066
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.3	4.7	0.8	*	-	-	-	-	-	-	-	-	-	-	6.9	699
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.6	0.2	-	-	-	-	-	-	-	-	-	-	-	0.9	94
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	10.4	51.6	30.5	6.1	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1050	5222	3093	613	93	40	17	0	0	0	0	0	0	0		10128

(* < 0.05%)

STATION: 46028

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

Month: JUN

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.4	48
4.5 - 5.4	-	0.4	2.3	*	-	-	-	-	-	-	-	-	-	-	-	2.7	298
5.5 - 6.4	-	0.1	5.8	2.0	-	-	-	-	-	-	-	-	-	-	-	8.0	869
6.5 - 7.4	-	0.2	4.0	5.1	0.1	-	-	-	-	-	-	-	-	-	-	9.4	1027
7.5 - 8.4	-	1.8	7.2	5.9	0.8	-	-	-	-	-	-	-	-	-	-	15.7	1713
8.5 - 9.4	-	2.7	7.5	5.1	0.6	0.1	-	-	-	-	-	-	-	-	-	16.0	1748
9.5 - 10.4	-	2.1	8.1	5.7	1.1	0.1	-	-	-	-	-	-	-	-	-	17.1	1860
10.5 - 11.4	-	0.9	5.6	3.0	0.7	0.2	-	-	-	-	-	-	-	-	-	10.3	1124
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.6	3.1	1.8	0.6	*	-	-	-	-	-	-	-	-	-	6.1	670
13.5 - 14.4	-	3.0	2.2	1.0	0.7	*	-	-	-	-	-	-	-	-	-	7.0	763
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.0	2.7	0.4	*	-	-	-	-	-	-	-	-	-	-	6.1	662
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.4	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	1.1	117
TOTAL %	0.0	15.7	49.3	30.0	4.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	

TOTAL N	0	1707	5369	3275	499	49	0	0	0	0	0	0	0	0	0	10899

(* < 0.05%)

STATION: 46028

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

Month: JUL

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.5	56
4.5 - 5.4	-	1.0	2.8	-	-	-	-	-	-	-	-	-	-	-	-	3.9	475
5.5 - 6.4	-	0.4	7.8	0.7	-	-	-	-	-	-	-	-	-	-	-	8.9	1081
6.5 - 7.4	-	0.9	5.7	3.0	-	-	-	-	-	-	-	-	-	-	-	9.6	1175
7.5 - 8.4	-	4.2	11.1	4.1	0.2	-	-	-	-	-	-	-	-	-	-	19.5	2384
8.5 - 9.4	-	4.0	10.1	3.8	0.1	-	-	-	-	-	-	-	-	-	-	17.9	2186
9.5 - 10.4	-	2.7	9.1	3.4	0.1	-	-	-	-	-	-	-	-	-	-	15.2	1855
10.5 - 11.4	-	1.2	3.7	1.7	0.2	-	-	-	-	-	-	-	-	-	-	6.9	839
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.5	1.1	0.1	*	-	-	-	-	-	-	-	-	-	-	2.7	330
13.5 - 14.4	-	4.8	1.4	*	-	-	-	-	-	-	-	-	-	-	-	6.2	759
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.5	4.2	*	-	-	-	-	-	-	-	-	-	-	-	7.7	945
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.3	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	0.9	113
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	24.9	57.7	16.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	3040	7036	2051	73	0	0	0	0	0	0	0	0	0	0		12200

(* < 0.05%)

STATION: 46028

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

Month: AUG

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.5	57
4.5 - 5.4	-	1.3	3.2	*	-	-	-	-	-	-	-	-	-	-	-	4.5	505
5.5 - 6.4	-	0.7	10.0	0.5	-	-	-	-	-	-	-	-	-	-	-	11.2	1248
6.5 - 7.4	-	1.3	6.9	2.8	-	-	-	-	-	-	-	-	-	-	-	11.0	1228
7.5 - 8.4	-	4.4	13.4	3.7	*	-	-	-	-	-	-	-	-	-	-	21.5	2393
8.5 - 9.4	-	3.5	10.0	2.3	0.1	*	-	-	-	-	-	-	-	-	-	15.9	1770
9.5 - 10.4	-	2.5	9.2	1.8	0.1	-	-	-	-	-	-	-	-	-	-	13.6	1512
10.5 - 11.4	-	1.8	3.7	0.5	0.2	-	-	-	-	-	-	-	-	-	-	6.2	691
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.0	1.5	0.3	-	-	-	-	-	-	-	-	-	-	-	2.7	305
13.5 - 14.4	-	2.9	2.6	0.2	-	-	-	-	-	-	-	-	-	-	-	5.7	636
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.4	2.7	*	-	-	-	-	-	-	-	-	-	-	-	6.2	685
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.9	97
TOTAL %	0.0	23.6	63.8	12.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2626	7097	1360	43	1	0	0	0	0	0	0	0	0	0		11127

(* < 0.05%)

STATION: 46028

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

Month: SEP

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N

< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	-	0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	0.5	53
4.5 - 5.4	-	1.0	2.4	*	-	-	-	-	-	-	-	-	-	-	-	3.4	367
5.5 - 6.4	-	0.8	6.8	0.7	-	-	-	-	-	-	-	-	-	-	-	8.4	893
6.5 - 7.4	-	1.1	3.6	2.0	-	-	-	-	-	-	-	-	-	-	-	6.8	719
7.5 - 8.4	-	3.3	8.0	1.2	*	-	-	-	-	-	-	-	-	-	-	12.4	1325
8.5 - 9.4	-	2.9	6.4	0.8	*	-	-	-	-	-	-	-	-	-	-	10.1	1077
9.5 - 10.4	-	3.4	9.1	1.6	0.1	-	-	-	-	-	-	-	-	-	-	14.2	1516
10.5 - 11.4	-	2.9	7.1	1.5	0.2	-	-	-	-	-	-	-	-	-	-	11.7	1248
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.8	5.3	1.6	0.3	*	-	-	-	-	-	-	-	-	-	10.0	1066
13.5 - 14.4	-	5.1	5.2	1.7	0.3	*	-	-	-	-	-	-	-	-	-	12.3	1310
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.3	3.3	1.1	0.3	*	-	-	-	-	-	-	-	-	-	8.1	860
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.5	0.7	0.4	0.1	-	-	-	-	-	-	-	-	-	-	1.7	179
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.3	36
TOTAL %	0.0	27.7	58.3	12.6	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2951	6210	1344	136	9	0	0	0	0	0	0	0	0	0		10650

(* < 0.05%)

STATION: 46028

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

Month: OCT

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
4.5 - 5.4	-	0.6	0.8	-	-	-	-	-	-	-	-	-	-	-	-	1.4	153
5.5 - 6.4	-	0.5	3.3	0.5	-	-	-	-	-	-	-	-	-	-	-	4.3	482
6.5 - 7.4	-	0.8	2.3	0.9	*	-	-	-	-	-	-	-	-	-	-	3.9	442
7.5 - 8.4	-	1.1	3.0	1.6	0.1	-	-	-	-	-	-	-	-	-	-	5.8	653
8.5 - 9.4	-	1.4	4.4	1.5	0.3	*	-	-	-	-	-	-	-	-	-	7.5	844
9.5 - 10.4	-	2.0	5.7	2.2	0.7	*	-	-	-	-	-	-	-	-	-	10.7	1202
10.5 - 11.4	-	3.3	7.5	2.7	0.9	0.4	*	-	-	-	-	-	-	-	-	14.9	1680
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	3.5	9.9	5.7	1.1	0.2	*	-	-	-	-	-	-	-	-	20.4	2292
13.5 - 14.4	-	3.3	8.3	4.7	2.0	0.2	-	-	-	-	-	-	-	-	-	18.5	2083
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.7	5.1	1.5	0.5	0.2	0.1	*	-	-	-	-	-	-	-	10.1	1137
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	1.4	0.5	0.2	0.1	-	-	-	-	-	-	-	-	-	2.2	252
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	*	-	-	*	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.0	19.4	51.6	22.0	5.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2175	5799	2467	643	137	16	2	0	0	0	0	0	0	0		11239

(* < 0.05%)

STATION: 46028

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

Month: NOV

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	10
4.5 - 5.4	-	0.2	0.8	*	-	-	-	-	-	-	-	-	-	-	-	1.0	105

5.5 - 6.4	-	*	1.2	0.3	-	-	-	-	-	-	-	-	-	-	-	1.6	164
6.5 - 7.4	-	0.2	1.3	1.1	0.1	-	-	-	-	-	-	-	-	-	-	2.6	277
7.5 - 8.4	-	0.4	2.3	1.9	0.5	*	-	-	-	-	-	-	-	-	-	5.2	552
8.5 - 9.4	-	0.8	1.8	1.1	0.6	0.1	-	-	-	-	-	-	-	-	-	4.4	465
9.5 - 10.4	-	0.9	3.2	2.0	0.9	0.2	-	-	-	-	-	-	-	-	-	7.1	749
10.5 - 11.4	-	1.2	7.9	3.1	1.2	0.2	*	-	-	-	-	-	-	-	-	13.5	1425
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.8	11.7	7.1	1.9	0.2	*	-	-	-	-	-	-	-	-	23.7	2503
13.5 - 14.4	-	4.0	7.8	8.8	4.4	1.1	0.1	*	-	-	-	-	-	-	-	26.1	2761
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.4	3.3	3.2	2.1	1.2	0.2	*	-	-	-	-	-	-	-	11.4	1209
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	1.1	1.3	0.2	0.1	0.1	*	-	-	-	-	-	-	-	3.0	322
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	18
TOTAL %	0.0	12.2	42.5	30.0	11.8	3.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1289	4487	3163	1249	319	45	8	0	0	0	0	0	0	0		10560

(* < 0.05%)

STATION: 46028

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

Month: DEC

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
4.5 - 5.4	-	0.1	0.5	*	-	-	-	-	-	-	-	-	-	-	-	0.7	73
5.5 - 6.4	-	*	1.1	0.3	-	-	-	-	-	-	-	-	-	-	-	1.4	156
6.5 - 7.4	-	*	0.4	0.9	0.1	-	-	-	-	-	-	-	-	-	-	1.3	145
7.5 - 8.4	-	0.3	0.6	0.8	0.4	*	*	-	-	-	-	-	-	-	-	2.2	239
8.5 - 9.4	-	0.5	1.1	0.7	0.2	0.1	-	-	-	-	-	-	-	-	-	2.7	294
9.5 - 10.4	-	1.1	2.7	1.0	0.3	0.2	0.1	-	-	-	-	-	-	-	-	5.5	600
10.5 - 11.4	-	1.4	5.1	2.6	1.0	0.4	0.2	*	-	-	-	-	-	-	-	10.9	1195
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.4	7.5	8.0	2.7	1.1	0.2	*	-	-	-	-	-	-	-	21.9	2400
13.5 - 14.4	-	2.3	9.2	9.8	7.1	2.1	0.3	0.1	-	-	-	-	-	-	-	30.9	3389
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.0	3.9	4.8	4.1	2.4	0.7	0.4	0.1	*	-	-	-	-	-	17.4	1908
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	1.0	1.8	1.2	0.4	0.1	0.1	*	-	-	-	-	-	-	4.7	520
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	0.2	*	*	-	-	-	-	-	-	-	-	-	0.4	49
TOTAL %	0.0	9.5	33.2	30.9	17.2	6.9	1.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1040	3648	3387	1886	755	187	62	10	2	0	0	0	0	0		10977

(* < 0.05%)

STATION: 46028

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

All Months: Annual

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
3.5 - 4.4	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	313
4.5 - 5.4	-	0.5	1.6	*	-	-	-	-	-	-	-	-	-	-	-	2.1	2609
5.5 - 6.4	*	0.3	4.3	0.7	*	-	-	-	-	-	-	-	-	-	-	5.3	6482
6.5 - 7.4	-	0.5	2.8	2.1	0.1	*	-	-	-	-	-	-	-	-	-	5.4	6631
7.5 - 8.4	-	1.6	5.2	2.7	0.4	*	*	-	-	-	-	-	-	-	-	9.9	12089
8.5 - 9.4	-	1.7	4.8	2.1	0.5	0.1	*	-	-	-	-	-	-	-	-	9.1	11150
9.5 - 10.4	-	1.7	5.6	2.5	0.8	0.1	*	-	-	-	-	-	-	-	-	10.8	13190
10.5 - 11.4	-	1.6	5.7	2.7	0.9	0.3	0.1	*	-	-	-	-	-	-	-	11.2	13708

11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.1	6.7	4.5	1.3	0.3	0.1	*	*	-	-	-	-	-	-	14.9	18174
13.5 - 14.4	-	3.5	6.1	4.9	2.7	0.6	0.1	*	*	-	-	-	-	-	-	17.9	21867
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.1	3.9	2.1	1.3	0.6	0.2	0.1	*	*	-	-	-	-	-	10.4	12767
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.3	0.9	0.8	0.3	0.1	*	*	*	*	-	-	-	-	-	2.4	2991
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	*	*	0.1	0.1	*	*	*	-	-	-	-	-	-	-	-	0.2	257
TOTAL %	0.0	16.0	47.7	25.2	8.2	2.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	7	19542	58321	30766	10042	2773	573	178	25	9	0	0	0	0	0		122236

(* < 0.05%)

STATION: 46028

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

Months: DEC, JAN, FEB (Winter)

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	34
4.5 - 5.4	-	0.2	0.5	*	-	-	-	-	-	-	-	-	-	-	-	0.7	189
5.5 - 6.4	*	0.1	1.2	0.2	-	-	-	-	-	-	-	-	-	-	-	1.5	412
6.5 - 7.4	-	0.1	0.6	0.7	0.1	*	-	-	-	-	-	-	-	-	-	1.5	414
7.5 - 8.4	-	0.4	1.0	1.1	0.4	*	*	-	-	-	-	-	-	-	-	2.9	808
8.5 - 9.4	-	0.6	1.2	0.8	0.3	0.1	*	-	-	-	-	-	-	-	-	2.9	799
9.5 - 10.4	-	0.9	2.3	1.0	0.6	0.2	0.1	-	-	-	-	-	-	-	-	4.9	1367
10.5 - 11.4	-	1.2	4.7	2.5	0.9	0.4	0.1	*	-	-	-	-	-	-	-	9.8	2739
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.1	9.3	7.6	2.4	0.9	0.1	*	-	-	-	-	-	-	-	22.5	6258
13.5 - 14.4	-	2.5	9.7	10.6	6.2	1.7	0.3	0.1	*	-	-	-	-	-	-	31.0	8630
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.9	4.7	4.8	3.4	1.9	0.6	0.3	0.1	*	-	-	-	-	-	16.6	4631
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	1.4	1.9	1.0	0.4	0.1	*	*	*	-	-	-	-	-	5.0	1388
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	0.2	0.2	0.1	*	-	-	-	-	-	-	-	-	-	0.6	159
TOTAL %	0.0	9.1	36.8	31.4	15.3	5.6	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	2537	10229	8742	4244	1554	369	121	23	9	0	0	0	0	0		27829

(* < 0.05%)

STATION: 46028

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

Months: MAR, APR, MAY (Spring)

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	41
4.5 - 5.4	-	0.3	1.6	*	-	-	-	-	-	-	-	-	-	-	-	1.9	517
5.5 - 6.4	-	0.2	3.7	0.9	*	-	-	-	-	-	-	-	-	-	-	4.8	1333
6.5 - 7.4	-	0.2	2.0	2.6	0.1	*	-	-	-	-	-	-	-	-	-	4.9	1349
7.5 - 8.4	-	0.4	3.6	3.3	0.8	0.1	-	-	-	-	-	-	-	-	-	8.2	2261
8.5 - 9.4	-	0.6	3.5	2.8	1.2	0.2	*	-	-	-	-	-	-	-	-	8.2	2261
9.5 - 10.4	-	0.9	4.7	3.6	1.8	0.3	*	-	-	-	-	-	-	-	-	11.3	3129
10.5 - 11.4	-	1.4	6.4	4.3	1.7	0.5	0.1	*	-	-	-	-	-	-	-	14.3	3962
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.1	7.2	5.7	1.6	0.3	0.1	*	*	-	-	-	-	-	-	17.1	4750
13.5 - 14.4	-	3.7	6.3	4.4	2.7	0.5	0.1	*	-	-	-	-	-	-	-	17.8	4925
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.6	4.1	2.0	1.2	0.4	0.2	0.1	-	-	-	-	-	-	-	9.5	2638
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0

18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	0.7	0.5	0.3	0.1	*	*	-	-	-	-	-	-	-	1.9	523
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	37
TOTAL %	0.0	11.6	43.6	30.2	11.4	2.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	3217	12094	8364	3155	704	143	47	2	0	0	0	0	0	0		27732

(* < 0.05%)

STATION: 46028

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

Months: JUN, JUL, AUG (Summer)

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.5	161
4.5 - 5.4	-	0.9	2.8	*	-	-	-	-	-	-	-	-	-	-	-	3.7	1278
5.5 - 6.4	-	0.4	7.9	1.1	-	-	-	-	-	-	-	-	-	-	-	9.3	3198
6.5 - 7.4	-	0.8	5.6	3.6	*	-	-	-	-	-	-	-	-	-	-	10.0	3430
7.5 - 8.4	-	3.5	10.6	4.5	0.3	-	-	-	-	-	-	-	-	-	-	19.0	6490
8.5 - 9.4	-	3.4	9.2	3.7	0.3	*	-	-	-	-	-	-	-	-	-	16.7	5704
9.5 - 10.4	-	2.5	8.8	3.6	0.4	*	-	-	-	-	-	-	-	-	-	15.3	5227
10.5 - 11.4	-	1.3	4.3	1.7	0.4	*	-	-	-	-	-	-	-	-	-	7.8	2654
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.0	1.9	0.7	0.2	*	-	-	-	-	-	-	-	-	-	3.8	1305
13.5 - 14.4	-	3.6	2.1	0.4	0.2	*	-	-	-	-	-	-	-	-	-	6.3	2158
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.3	3.2	0.1	*	-	-	-	-	-	-	-	-	-	-	6.7	2292
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.4	0.5	*	-	-	-	-	-	-	-	-	-	-	-	1.0	327
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	21.5	57.0	19.5	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	7373	19502	6686	615	50	0	0	0	0	0	0	0	0	0		34226

(* < 0.05%)

STATION: 46028

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

Months: SEP, OCT, NOV (Autumn)

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	77
4.5 - 5.4	-	0.6	1.3	*	-	-	-	-	-	-	-	-	-	-	-	1.9	625
5.5 - 6.4	-	0.4	3.8	0.5	-	-	-	-	-	-	-	-	-	-	-	4.7	1539
6.5 - 7.4	-	0.7	2.4	1.3	*	-	-	-	-	-	-	-	-	-	-	4.4	1438
7.5 - 8.4	-	1.6	4.4	1.6	0.2	*	-	-	-	-	-	-	-	-	-	7.8	2530
8.5 - 9.4	-	1.7	4.2	1.1	0.3	*	-	-	-	-	-	-	-	-	-	7.4	2386
9.5 - 10.4	-	2.1	6.0	1.9	0.6	0.1	-	-	-	-	-	-	-	-	-	10.7	3467
10.5 - 11.4	-	2.5	7.5	2.4	0.7	0.2	*	-	-	-	-	-	-	-	-	13.4	4353
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	3.0	8.9	4.8	1.1	0.2	*	-	-	-	-	-	-	-	-	18.1	5861
13.5 - 14.4	-	4.1	7.1	5.0	2.2	0.5	*	*	-	-	-	-	-	-	-	19.0	6154
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.5	3.9	2.0	1.0	0.5	0.1	*	-	-	-	-	-	-	-	9.9	3206
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.3	1.1	0.7	0.2	*	*	*	-	-	-	-	-	-	-	2.3	753
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	59

TOTAL %	0.0	19.8	50.8	21.5	6.2	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	6415	16496	6974	2028	465	61	10	0	0	0	0	0	0	0		32449

(* < 0.05%)

STATION: 46028

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

Month: JAN

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.4	32
4.5 - 5.4	*	1.2	2.6	0.1	-	-	-	-	-	-	-	-	-	-	-	3.8	346
5.5 - 6.4	-	1.6	6.7	2.9	0.2	-	-	-	-	-	-	-	-	-	-	11.3	1016
6.5 - 7.4	-	1.6	7.6	6.8	2.3	0.2	-	-	-	-	-	-	-	-	-	18.5	1663
7.5 - 8.4	-	1.3	8.0	6.5	3.0	1.0	-	-	-	-	-	-	-	-	-	19.8	1782
8.5 - 9.4	-	1.2	6.8	5.7	2.5	0.7	*	-	-	-	-	-	-	-	-	16.8	1518
9.5 - 10.4	-	0.8	4.4	4.4	2.1	0.5	0.2	0.2	*	-	-	-	-	-	-	12.8	1151
10.5 - 11.4	-	0.4	3.2	3.3	1.3	0.2	0.1	0.1	0.1	*	-	-	-	-	-	8.8	796
11.5 - 12.4	-	0.1	1.7	1.6	1.1	0.3	*	*	-	*	-	-	-	-	-	4.8	437
12.5 - 13.4	-	-	0.4	0.6	0.4	0.3	*	-	*	*	-	-	-	-	-	1.8	161
13.5 - 14.4	-	-	0.1	0.2	0.2	0.2	*	-	-	*	-	-	-	-	-	0.8	72
14.5 - 15.4	-	-	*	*	0.1	0.1	*	-	-	-	-	-	-	-	-	0.3	24
15.5 - 16.4	-	-	-	*	*	*	*	-	-	-	-	-	-	-	-	0.1	8
16.5 - 17.4	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.1	6
17.5 - 18.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	8.5	41.4	32.2	13.3	3.4	0.5	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	767	3735	2905	1195	310	48	35	10	7	0	0	0	0	0		9013

(* < 0.05%)

STATION: 46028

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

Month: FEB

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	15
4.5 - 5.4	-	1.3	2.8	0.1	-	-	-	-	-	-	-	-	-	-	-	4.2	326
5.5 - 6.4	-	1.7	7.1	3.5	0.1	-	-	-	-	-	-	-	-	-	-	12.4	972
6.5 - 7.4	-	1.5	8.0	7.8	2.5	0.4	*	-	-	-	-	-	-	-	-	20.3	1588
7.5 - 8.4	-	2.4	7.3	7.0	4.3	2.1	0.2	*	-	-	-	-	-	-	-	23.4	1833
8.5 - 9.4	-	1.1	5.2	5.2	3.1	1.3	0.4	0.1	-	-	-	-	-	-	-	16.3	1279
9.5 - 10.4	-	0.6	2.8	3.9	2.8	1.2	0.4	*	-	-	-	-	-	-	-	11.7	917
10.5 - 11.4	-	0.3	1.8	2.3	1.3	0.9	0.3	0.1	-	-	-	-	-	-	-	7.0	549
11.5 - 12.4	-	0.1	1.1	1.0	0.5	0.3	0.2	0.1	*	-	-	-	-	-	-	3.3	259
12.5 - 13.4	-	0.1	0.2	0.3	0.1	*	0.1	0.1	*	-	-	-	-	-	-	1.0	75
13.5 - 14.4	-	*	*	0.1	-	0.1	*	-	-	-	-	-	-	-	-	0.3	20
14.5 - 15.4	-	-	*	*	-	*	*	-	-	-	-	-	-	-	-	0.1	7
TOTAL %	0.0	9.3	36.3	31.2	14.8	6.2	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	730	2847	2450	1163	489	134	24	3	0	0	0	0	0	0		7840

(* < 0.05%)

STATION: 46028

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

Month: MAR

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	11
4.5 - 5.4	-	1.0	3.2	0.1	-	-	-	-	-	-	-	-	-	-	-	4.3	358
5.5 - 6.4	-	1.7	9.6	6.3	0.6	-	-	-	-	-	-	-	-	-	-	18.2	1503
6.5 - 7.4	-	2.6	7.4	10.8	4.9	0.7	-	-	-	-	-	-	-	-	-	26.4	2178
7.5 - 8.4	-	2.5	6.0	6.3	5.6	1.6	0.1	-	-	-	-	-	-	-	-	22.1	1823
8.5 - 9.4	-	2.0	5.2	4.3	3.1	0.9	0.2	-	-	-	-	-	-	-	-	15.6	1291
9.5 - 10.4	-	0.6	2.4	2.1	1.9	0.6	0.1	-	-	-	-	-	-	-	-	7.7	636

10.5 - 11.4	-	0.1	0.7	1.0	0.8	0.3	0.3	*	-	-	-	-	-	-	-	3.3	272
11.5 - 12.4	-	-	0.2	0.3	0.5	0.2	0.1	0.1	-	-	-	-	-	-	-	1.5	121
12.5 - 13.4	-	-	-	0.1	0.2	0.1	*	0.1	-	-	-	-	-	-	-	0.4	37
13.5 - 14.4	-	-	-	-	0.1	0.1	-	*	-	-	-	-	-	-	-	0.2	14
14.5 - 15.4	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	4
15.5 - 16.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	10.7	34.7	31.3	17.7	4.5	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	881	2860	2582	1462	370	74	21	0	0	0	0	0	0	0		8250

(* < 0.05%)

STATION: 46028

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

Month: APR

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
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	28
4.5 - 5.4	-	1.9	6.4	0.4	-	-	-	-	-	-	-	-	-	-	-	8.7	812
5.5 - 6.4	-	2.9	13.6	10.7	1.2	-	-	-	-	-	-	-	-	-	-	28.3	2648
6.5 - 7.4	-	2.8	9.2	9.2	5.2	0.4	-	-	-	-	-	-	-	-	-	26.9	2517
7.5 - 8.4	-	2.7	7.1	4.6	3.6	1.3	0.1	*	-	-	-	-	-	-	-	19.4	1819
8.5 - 9.4	-	2.3	4.0	2.3	0.8	0.4	0.1	*	*	-	-	-	-	-	-	10.0	934
9.5 - 10.4	-	0.8	1.7	1.1	0.4	0.1	-	-	-	-	-	-	-	-	-	4.2	390
10.5 - 11.4	*	0.1	0.7	0.3	0.2	0.1	*	*	-	-	-	-	-	-	-	1.5	143
11.5 - 12.4	-	-	0.1	0.1	0.1	0.1	0.1	*	-	-	-	-	-	-	-	0.4	36
12.5 - 13.4	-	-	*	0.1	*	*	-	*	-	-	-	-	-	-	-	0.2	19
13.5 - 14.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.1	13.7	42.9	28.8	11.5	2.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	1286	4012	2690	1080	241	29	9	2	0	0	0	0	0	0		9355

(* < 0.05%)

STATION: 46028

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

Month: MAY

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.6	59
4.5 - 5.4	-	2.9	13.7	1.6	-	-	-	-	-	-	-	-	-	-	-	18.2	1843
5.5 - 6.4	-	2.0	17.6	14.3	1.0	-	-	-	-	-	-	-	-	-	-	34.9	3539
6.5 - 7.4	-	2.1	9.7	8.5	3.5	0.5	-	-	-	-	-	-	-	-	-	24.3	2463
7.5 - 8.4	-	1.8	6.1	4.2	1.1	0.3	0.3	*	-	-	-	-	-	-	-	13.8	1396
8.5 - 9.4	-	0.9	3.1	1.5	0.3	0.1	0.1	0.1	-	-	-	-	-	-	-	6.1	622
9.5 - 10.4	-	0.1	0.8	0.3	0.1	-	-	*	-	-	-	-	-	-	-	1.4	141
10.5 - 11.4	-	0.1	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	0.4	41
11.5 - 12.4	-	0.1	0.1	*	*	-	-	-	-	-	-	-	-	-	-	0.2	20
12.5 - 13.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	3
13.5 - 14.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.0	3
14.5 - 15.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	10.4	51.6	30.5	6.0	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1050	5228	3093	613	93	40	17	0	0	0	0	0	0	0		10134

(* < 0.05%)

STATION: 46028

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

Month: JUN

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.6	68
4.5 - 5.4	-	2.7	14.6	3.0	-	-	-	-	-	-	-	-	-	-	-	20.3	2216
5.5 - 6.4	-	2.8	14.5	15.9	0.9	-	-	-	-	-	-	-	-	-	-	34.1	3716
6.5 - 7.4	-	3.6	9.5	6.8	2.4	0.1	-	-	-	-	-	-	-	-	-	22.4	2437

7.5 - 8.4	-	3.7	7.3	3.1	0.9	0.3	-	-	-	-	-	-	-	-	-	15.4	1676
8.5 - 9.4	-	1.7	2.7	1.0	0.3	-	-	-	-	-	-	-	-	-	-	5.6	610
9.5 - 10.4	-	0.6	0.5	0.1	*	-	-	-	-	-	-	-	-	-	-	1.2	135
10.5 - 11.4	-	0.2	*	0.1	-	-	-	-	-	-	-	-	-	-	-	0.3	35
11.5 - 12.4	-	*	-	*	*	-	-	-	-	-	-	-	-	-	-	0.1	7
12.5 - 13.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	15.7	49.3	30.0	4.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1709	5369	3275	499	49	0	0	0	0	0	0	0	0	0		10901

(* < 0.05%)

STATION: 46028

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

Month: JUL

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.6	0.5	-	-	-	-	-	-	-	-	-	-	-	-	1.1	139
4.5 - 5.4	-	5.1	17.0	1.5	-	-	-	-	-	-	-	-	-	-	-	23.6	2881
5.5 - 6.4	-	4.9	14.7	8.9	0.2	-	-	-	-	-	-	-	-	-	-	28.7	3500
6.5 - 7.4	-	7.3	11.7	3.5	0.3	-	-	-	-	-	-	-	-	-	-	22.7	2773
7.5 - 8.4	-	5.5	9.6	2.0	0.2	-	-	-	-	-	-	-	-	-	-	17.3	2116
8.5 - 9.4	-	1.3	3.7	0.8	-	-	-	-	-	-	-	-	-	-	-	5.8	713
9.5 - 10.4	-	0.2	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	0.6	76
10.5 - 11.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	24.9	57.7	16.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	3040	7036	2051	73	0	0	0	0	0	0	0	0	0	0		12200

(* < 0.05%)

STATION: 46028

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

Month: AUG

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.5	52
4.5 - 5.4	-	5.8	20.4	0.7	-	-	-	-	-	-	-	-	-	-	-	26.9	2996
5.5 - 6.4	-	6.3	20.0	8.3	*	-	-	-	-	-	-	-	-	-	-	34.5	3842
6.5 - 7.4	-	5.3	11.9	1.8	0.1	-	-	-	-	-	-	-	-	-	-	19.0	2119
7.5 - 8.4	-	4.3	8.0	0.9	*	*	-	-	-	-	-	-	-	-	-	13.3	1483
8.5 - 9.4	-	1.3	2.7	0.5	0.2	-	-	-	-	-	-	-	-	-	-	4.7	523
9.5 - 10.4	-	0.2	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	0.9	100
10.5 - 11.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
11.5 - 12.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	23.6	63.8	12.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2627	7099	1360	43	1	0	0	0	0	0	0	0	0	0		11130

(* < 0.05%)

STATION: 46028

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

Month: SEP

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.6	0.8	-	-	-	-	-	-	-	-	-	-	-	-	1.4	148
4.5 - 5.4	-	6.3	12.3	0.8	-	-	-	-	-	-	-	-	-	-	-	19.4	2066
5.5 - 6.4	-	6.7	15.8	3.9	-	-	-	-	-	-	-	-	-	-	-	26.4	2809
6.5 - 7.4	-	6.2	12.8	3.4	0.3	-	-	-	-	-	-	-	-	-	-	22.6	2410
7.5 - 8.4	-	4.2	9.6	2.0	0.3	*	-	-	-	-	-	-	-	-	-	16.2	1730
8.5 - 9.4	-	2.8	4.7	1.4	0.3	*	-	-	-	-	-	-	-	-	-	9.1	974
9.5 - 10.4	-	0.7	1.3	0.3	0.1	*	-	-	-	-	-	-	-	-	-	2.5	266
10.5 - 11.4	-	0.2	0.5	0.2	0.1	-	-	-	-	-	-	-	-	-	-	1.1	112
11.5 - 12.4	-	*	0.3	0.3	*	-	-	-	-	-	-	-	-	-	-	0.6	64
12.5 - 13.4	-	-	0.1	0.2	0.1	-	-	-	-	-	-	-	-	-	-	0.3	37

13.5 - 14.4	-	-	0.1	*	*	-	-	-	-	-	-	-	-	-	-	0.1	14
14.5 - 15.4	-	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	13
15.5 - 16.4	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	7
16.5 - 17.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	27.7	58.3	12.6	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2952	6210	1344	136	9	0	0	0	0	0	0	0	0	0		10651

(* < 0.05%)

STATION: 46028

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

Month: OCT

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
4.5 - 5.4	-	3.0	5.8	0.3	-	-	-	-	-	-	-	-	-	-	-	9.1	1028
5.5 - 6.4	-	4.0	12.7	6.0	0.1	-	-	-	-	-	-	-	-	-	-	22.9	2574
6.5 - 7.4	-	3.8	11.9	5.5	1.7	0.1	-	-	-	-	-	-	-	-	-	23.0	2583
7.5 - 8.4	-	3.5	9.3	4.0	2.0	0.6	*	-	-	-	-	-	-	-	-	19.4	2176
8.5 - 9.4	-	3.3	5.6	3.0	1.2	0.3	*	-	-	-	-	-	-	-	-	13.4	1505
9.5 - 10.4	-	1.3	3.5	1.8	0.4	0.2	-	-	-	-	-	-	-	-	-	7.1	803
10.5 - 11.4	-	0.5	1.6	0.8	0.2	0.1	-	-	-	-	-	-	-	-	-	3.1	353
11.5 - 12.4	-	*	0.8	0.4	0.1	0.1	0.1	-	-	-	-	-	-	-	-	1.5	173
12.5 - 13.4	-	-	0.2	*	-	*	*	*	-	-	-	-	-	-	-	0.3	37
13.5 - 14.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
14.5 - 15.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	19.4	51.6	21.9	5.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2177	5800	2467	643	137	16	2	0	0	0	0	0	0	0		11242

(* < 0.05%)

STATION: 46028

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

Month: NOV

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	12
4.5 - 5.4	-	1.1	3.9	0.2	-	-	-	-	-	-	-	-	-	-	-	5.2	547
5.5 - 6.4	-	1.9	9.1	4.5	0.2	-	-	-	-	-	-	-	-	-	-	15.7	1654
6.5 - 7.4	-	2.7	10.3	8.4	2.9	0.1	-	-	-	-	-	-	-	-	-	24.4	2579
7.5 - 8.4	-	2.8	9.6	6.5	3.4	0.4	-	-	-	-	-	-	-	-	-	22.8	2407
8.5 - 9.4	-	2.1	5.6	5.2	2.1	1.0	0.1	-	-	-	-	-	-	-	-	16.1	1699
9.5 - 10.4	-	1.0	2.8	2.8	1.5	0.6	0.1	-	-	-	-	-	-	-	-	8.9	945
10.5 - 11.4	-	0.4	0.7	1.4	0.9	0.4	*	-	-	-	-	-	-	-	-	3.8	399
11.5 - 12.4	-	0.1	0.3	0.5	0.5	0.2	*	-	-	-	-	-	-	-	-	1.7	179
12.5 - 13.4	-	-	0.2	0.4	0.2	0.2	*	*	-	-	-	-	-	-	-	1.0	103
13.5 - 14.4	-	-	*	0.1	0.1	*	0.1	*	-	-	-	-	-	-	-	0.3	30
14.5 - 15.4	-	-	-	-	*	*	*	*	-	-	-	-	-	-	-	0.1	9
15.5 - 16.4	-	-	-	-	*	-	*	*	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	12.2	42.5	29.9	11.8	3.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1290	4492	3163	1249	319	45	8	0	0	0	0	0	0	0		10566

(* < 0.05%)

STATION: 46028

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

Month: DEC

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	23
4.5 - 5.4	-	0.8	1.8	0.2	-	-	-	-	-	-	-	-	-	-	-	2.8	305
5.5 - 6.4	-	1.6	5.9	3.0	0.2	-	-	-	-	-	-	-	-	-	-	10.7	1173
6.5 - 7.4	-	2.8	6.5	6.0	1.7	0.1	*	-	-	-	-	-	-	-	-	17.1	1872

7.5 - 8.4	-	2.1	6.5	6.6	3.8	1.4	0.3	*	-	-	-	-	-	-	-	20.7	2269
8.5 - 9.4	-	1.2	4.9	5.5	3.5	1.8	0.3	*	-	-	-	-	-	-	-	17.2	1885
9.5 - 10.4	-	0.7	3.9	4.4	2.8	1.4	0.2	0.1	*	*	-	-	-	-	-	13.4	1473
10.5 - 11.4	-	0.2	2.4	2.7	2.4	0.8	0.5	0.1	-	-	-	-	-	-	-	9.2	1010
11.5 - 12.4	-	*	1.0	1.5	1.7	0.7	0.2	0.2	*	-	-	-	-	-	-	5.5	598
12.5 - 13.4	-	-	0.2	0.8	0.7	0.3	0.1	0.1	*	-	-	-	-	-	-	2.1	233
13.5 - 14.4	-	-	*	0.1	0.2	0.2	*	*	*	-	-	-	-	-	-	0.6	66
14.5 - 15.4	-	-	*	0.1	0.1	0.1	*	-	-	-	-	-	-	-	-	0.4	45
15.5 - 16.4	-	-	-	0.1	*	*	*	-	-	-	-	-	-	-	-	0.1	13
16.5 - 17.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	9.5	33.3	30.9	17.1	6.9	1.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1040	3649	3385	1876	755	187	62	10	2	0	0	0	0	0		10966

(* < 0.05%)

STATION: 46028

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

All Months: Annual

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
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	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.5	595
4.5 - 5.4	*	2.9	9.2	0.8	-	-	-	-	-	-	-	-	-	-	-	12.9	15724
5.5 - 6.4	-	3.3	12.5	7.5	0.4	-	-	-	-	-	-	-	-	-	-	23.7	28946
6.5 - 7.4	-	3.7	9.9	6.3	2.2	0.2	*	-	-	-	-	-	-	-	-	22.2	27182
7.5 - 8.4	-	3.2	8.0	4.3	2.2	0.7	0.1	*	-	-	-	-	-	-	-	18.4	22510
8.5 - 9.4	-	1.8	4.4	2.9	1.4	0.5	0.1	*	*	-	-	-	-	-	-	11.1	13553
9.5 - 10.4	-	0.6	2.0	1.7	0.9	0.4	0.1	*	*	*	-	-	-	-	-	5.8	7033
10.5 - 11.4	*	0.2	1.0	0.9	0.6	0.2	0.1	*	*	*	-	-	-	-	-	3.0	3726
11.5 - 12.4	-	*	0.4	0.5	0.4	0.2	0.1	*	*	*	-	-	-	-	-	1.6	1895
12.5 - 13.4	-	*	0.1	0.2	0.1	0.1	*	*	*	*	-	-	-	-	-	0.6	706
13.5 - 14.4	-	*	*	*	0.1	*	*	*	*	*	-	-	-	-	-	0.2	224
14.5 - 15.4	-	-	*	*	*	*	*	*	-	-	-	-	-	-	-	0.1	107
15.5 - 16.4	-	-	-	*	*	*	*	*	-	-	-	-	-	-	-	0.0	33
16.5 - 17.4	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.0	8
17.5 - 18.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	16.0	47.7	25.2	8.2	2.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	7	19549	58337	30765	10032	2773	573	178	25	9	0	0	0	0	0		122248

(* < 0.05%)

STATION: 46028

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

Months: DEC, JAN, FEB (Winter)

	WAVE HEIGHT																
WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	70
4.5 - 5.4	*	1.1	2.3	0.1	-	-	-	-	-	-	-	-	-	-	-	3.5	977
5.5 - 6.4	-	1.6	6.5	3.1	0.2	-	-	-	-	-	-	-	-	-	-	11.4	3161
6.5 - 7.4	-	2.0	7.3	6.7	2.1	0.2	*	-	-	-	-	-	-	-	-	18.4	5123
7.5 - 8.4	-	1.9	7.2	6.7	3.7	1.4	0.2	*	-	-	-	-	-	-	-	21.2	5884
8.5 - 9.4	-	1.2	5.6	5.5	3.0	1.3	0.3	*	-	-	-	-	-	-	-	16.8	4682
9.5 - 10.4	-	0.7	3.7	4.3	2.6	1.0	0.3	0.1	*	*	-	-	-	-	-	12.7	3541
10.5 - 11.4	-	0.3	2.5	2.8	1.7	0.7	0.3	0.1	*	*	-	-	-	-	-	8.5	2355
11.5 - 12.4	-	0.1	1.3	1.4	1.2	0.5	0.2	0.1	*	*	-	-	-	-	-	4.7	1294
12.5 - 13.4	-	*	0.3	0.6	0.5	0.2	0.1	*	*	*	-	-	-	-	-	1.7	469
13.5 - 14.4	-	*	0.1	0.2	0.2	0.1	*	*	*	*	-	-	-	-	-	0.6	158
14.5 - 15.4	-	-	*	0.1	0.1	0.1	*	-	-	-	-	-	-	-	-	0.3	76
15.5 - 16.4	-	-	-	*	*	*	*	-	-	-	-	-	-	-	-	0.1	21
16.5 - 17.4	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.0	7
17.5 - 18.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	9.1	36.8	31.4	15.2	5.6	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	2537	10231	8740	4234	1554	369	121	23	9	0	0	0	0	0		27819

(* < 0.05%)

STATION: 46028

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

Months: MAR, APR, MAY (Spring)

WAVE HEIGHT

WAVE PERIOD	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	TOT %	TOT N
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.4	98
4.5 - 5.4	-	2.0	8.1	0.8	-	-	-	-	-	-	-	-	-	-	-	10.9	3013
5.5 - 6.4	-	2.2	13.9	10.7	0.9	-	-	-	-	-	-	-	-	-	-	27.7	7690
6.5 - 7.4	-	2.5	8.9	9.4	4.5	0.5	-	-	-	-	-	-	-	-	-	25.8	7158
7.5 - 8.4	-	2.3	6.4	5.0	3.3	1.1	0.2	*	-	-	-	-	-	-	-	18.2	5038
8.5 - 9.4	-	1.7	4.0	2.6	1.3	0.5	0.1	0.1	*	-	-	-	-	-	-	10.3	2847
9.5 - 10.4	-	0.5	1.6	1.1	0.7	0.2	*	*	-	-	-	-	-	-	-	4.2	1167
10.5 - 11.4	*	0.1	0.5	0.4	0.3	0.1	0.1	*	-	-	-	-	-	-	-	1.6	456
11.5 - 12.4	-	*	0.1	0.1	0.2	0.1	0.1	*	-	-	-	-	-	-	-	0.6	177
12.5 - 13.4	-	-	*	0.1	0.1	*	*	*	-	-	-	-	-	-	-	0.2	59
13.5 - 14.4	-	-	*	*	*	*	-	*	-	-	-	-	-	-	-	0.1	21
14.5 - 15.4	-	-	*	*	*	*	-	-	-	-	-	-	-	-	-	0.0	8
15.5 - 16.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	11.6	43.6	30.2	11.4	2.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	3217	12100	8365	3155	704	143	47	2	0	0	0	0	0	0		27739

(* < 0.05%)

STATION: 46028

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

Months: JUN, JUL, AUG (Summer)

WAVE HEIGHT

WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.8	259
4.5 - 5.4	-	4.6	17.3	1.7	-	-	-	-	-	-	-	-	-	-	-	23.6	8093
5.5 - 6.4	-	4.7	16.4	10.9	0.4	-	-	-	-	-	-	-	-	-	-	32.3	11058
6.5 - 7.4	-	5.4	11.0	4.0	0.9	*	-	-	-	-	-	-	-	-	-	21.4	7329
7.5 - 8.4	-	4.6	8.4	2.0	0.4	0.1	-	-	-	-	-	-	-	-	-	15.4	5275
8.5 - 9.4	-	1.4	3.0	0.7	0.2	-	-	-	-	-	-	-	-	-	-	5.4	1846
9.5 - 10.4	-	0.3	0.5	0.1	*	-	-	-	-	-	-	-	-	-	-	0.9	311
10.5 - 11.4	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.1	51
11.5 - 12.4	-	*	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	8
12.5 - 13.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	21.5	57.0	19.5	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	7376	19504	6686	615	50	0	0	0	0	0	0	0	0	0		34231

(* < 0.05%)

STATION: 46028

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

Months: SEP, OCT, NOV (Autumn)

WAVE HEIGHT

WAVE PERIOD	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	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.5	168
4.5 - 5.4	-	3.5	7.3	0.4	-	-	-	-	-	-	-	-	-	-	-	11.2	3641
5.5 - 6.4	-	4.2	12.6	4.8	0.1	-	-	-	-	-	-	-	-	-	-	21.7	7037
6.5 - 7.4	-	4.2	11.7	5.8	1.6	0.1	-	-	-	-	-	-	-	-	-	23.3	7572
7.5 - 8.4	-	3.5	9.5	4.2	1.9	0.3	*	-	-	-	-	-	-	-	-	19.4	6313
8.5 - 9.4	-	2.7	5.3	3.2	1.2	0.4	*	-	-	-	-	-	-	-	-	12.9	4178
9.5 - 10.4	-	1.0	2.6	1.7	0.7	0.3	*	-	-	-	-	-	-	-	-	6.2	2014
10.5 - 11.4	-	0.4	1.0	0.8	0.4	0.1	*	-	-	-	-	-	-	-	-	2.7	864
11.5 - 12.4	-	0.1	0.5	0.4	0.2	0.1	*	-	-	-	-	-	-	-	-	1.3	416
12.5 - 13.4	-	-	0.2	0.2	0.1	0.1	*	*	-	-	-	-	-	-	-	0.5	177
13.5 - 14.4	-	-	*	*	*	*	*	*	-	-	-	-	-	-	-	0.1	45
14.5 - 15.4	-	-	*	*	*	*	*	*	-	-	-	-	-	-	-	0.1	23
15.5 - 16.4	-	-	-	*	*	-	*	*	-	-	-	-	-	-	-	0.0	10
16.5 - 17.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	19.8	50.8	21.5	6.2	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	6419	16502	6974	2028	465	61	10	0	0	0	0	0	0	0		32459

(* < 0.05%)

Summary complete: 09-Sep-2003 05:35:25