

STATION: 42003

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (11/1976 - 12/2001) (167557 RECORDS, 91.3% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN				
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	#	7	#	-	-	-	-	-	-	-	-	32	#	
31	-	-	-	-	-	-	-	-	-	-	31	#	122	#	471	998	56	999	2	#	-	-	-	-	-	-	682	999	
30	-	-	-	-	-	-	-	-	10	#	512	998	1545	992	2265	968	696	996	142	999	-	-	-	-	-	-	5170	996	
29	-	-	-	-	48	#	29	#	516	999	2374	962	6383	887	7005	821	4869	946	842	990	12	#	-	-	-	-	22078	965	
28	-	-	8	#	98	996	251	998	1450	959	5348	797	4768	454	4071	365	5332	602	2223	933	243	999	11	#	23803	833			
27	57	#	268	999	349	989	1012	979	2993	844	4219	425	1345	130	1124	101	2062	225	3830	783	1330	982	293	999	18882	691			
26	613	996	645	977	1355	962	2069	901	3209	608	1454	132	358	39	279	28	705	79	3651	523	2848	891	778	980	17964	578			
25	1506	952	1466	924	1932	857	2624	742	2796	356	350	31	144	14	103	10	287	29	2178	276	3057	694	2637	927	19080	471			
24	1844	844	1731	803	1604	708	2544	541	1107	135	63	7	54	5	35	3	94	9	1112	129	2653	484	2757	751	15598	357			
23	1798	711	1672	660	1759	584	1622	346	360	48	28	2	10	1	9	1	27	2	438	53	1554	301	1978	566	11255	264			
22	1582	582	1396	522	1994	449	1219	222	148	20	6	*	4	*	-	-	2	*	198	24	1073	194	1546	433	9168	197			
21	1620	469	1216	407	1341	295	858	128	57	8	1	*	-	-	-	-	-	-	117	10	783	120	1466	329	7459	142			
20	1418	352	1327	306	870	191	447	63	37	3	-	-	-	-	-	-	-	-	24	2	502	66	1227	231	5852	98			
19	1073	250	738	197	653	124	244	28	6	*	-	-	-	-	-	-	-	-	2	1	262	31	922	149	3900	63			
18	845	173	531	136	414	74	108	10	-	-	-	-	-	-	-	-	-	-	4	1	142	13	640	87	2684	40			
17	723	113	440	92	218	42	14	1	-	-	-	-	-	-	-	-	-	-	6	*	45	3	281	44	1727	24			
16	407	61	266	56	125	25	2	*	-	-	-	-	-	-	-	-	-	-	-	-	2	*	154	25	956	13			
15	264	31	162	34	72	15	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	114	15	613	8	
14	119	12	117	20	59	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	7	358	4	
13	30	4	80	11	47	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	3	166	2	
12	11	2	47	4	20	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	2	88	1	
11	14	1	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	2	26	*	
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1	8	*
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1	8	*
MEAN	21.4		21.8		22.6		24.0		26.0		27.6		28.4		28.7		28.1		26.2		24.2		22.4		25.2		25.2		
S.D.	2.9		3.0		2.7		2.1		1.5		1.1		1.0		1.0		1.1		1.6		2.1		2.7		3.3		3.3		
TOTAL	13924		12112		12958		13044		12689		14386		14733		15387		14137		14769		14506		14912		167557		167557		
MAX	27.0		27.6		29.1		28.7		29.8		31.4		31.4		32.0		32.0		31.3		29.2		27.9		32.0		32.0		
DATE	1993010815		1986020613		1986032010		1984042318		1985052323		1985060723		1997072814		1990082215		1990091721		1985100205		1989112620		1985121323		1990091721		1990091721		
MIN	10.8		11.3		11.6		15.2		19.2		21.1		22.2		22.6		21.8		16.8		15.6		9.2		9.2		9.2		
DATE	1981011221		1996020503		1980030302		1989041009		1999050110		1995062522		1978072016		1978082613		1983091802		1993103123		1976113021		1989122411		1989122411		1989122411		

STATION: 42003

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (11/1976 - 12/2001) (180522 RECORDS, 98.3% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	1	#
33	-	-	-	-	-	-	-	-	-	-	-	-	18	#	21	999	3	#	-	-	-	-	-	-	-	-	42	999
32	-	-	-	-	-	-	-	-	-	20	#	191	999	215	999	60	999	-	-	-	-	-	-	-	-	-	486	999
31	-	-	-	-	-	-	-	-	2	#	241	999	1163	987	1985	986	654	996	6	#	-	-	-	-	-	-	4051	997
30	-	-	-	-	-	-	-	-	38	999	1306	983	5755	915	8148	868	4727	954	145	999	-	-	-	-	-	-	20119	975
29	-	-	-	-	-	-	15	#	712	997	6165	901	8077	560	5969	384	7958	648	4156	991	11	#	-	-	-	33063	863	
28	-	-	21	#	68	#	286	999	3785	948	5967	511	993	62	479	29	1901	133	7756	735	2925	999	462	#	24643	680		
27	765	#	864	998	789	995	3238	979	6077	687	1779	134	6	*	5	*	158	11	3316	258	6408	805	3835	970	27240	544		
26	4591	947	3903	931	4996	937	6336	751	2813	267	338	21	-	-	-	-	2	*	675	53	2756	380	5884	721	32294	393		
25	4324	628	4273	625	4007	571	2500	306	904	73	-	-	-	-	-	-	-	-	193	12	2703	197	1967	339	20871	214		
24	1567	327	1297	289	1612	278	1213	130	130	10	-	-	-	-	-	-	-	-	-	-	266	18	2171	211	8256	98		
23	1619	218	1047	188	1072	160	602	45	15	1	-	-	-	-	-	-	-	-	2	*	-	-	-	-	934	70	5291	52
22	1356	106	906	106	813	81	35	3	3	*	-	-	-	-	-	-	-	-	1	*	-	-	-	-	134	9	3248	23
21	155	12	401	35	296	22	2	*	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	*	862	5
20	12	1	34	3	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	*
19	2	*	5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	*
MEAN	24.7		24.8		24.9		25.8		27.0		28.4		29.4		29.7		29.2		27.9		26.5		25.6		27.1		27.1	
S.D.	1.4		1.5		1.4		1.1		1.0		0.9		0.7		0.7		0.7		0.8		1.0		1.3		2.1		2.1	
TOTAL	14391		12751		13655		14227		14482		15816		16203		16823		15466		16247		15069		15392		180522		180522	
MAX	27.3		27.9		27.9		29.3		30.8		32.4		33.4		33.6		32.9		30.9		28.9		27.9		33.6		33.6	
DATE	1999010120		1982022020		1982032219		1984041323		1999052720		1996062622		1998070920		1999083020		1987092021		1986101420		1983110420		1997120419		1999083020		1999083020	
MIN	19.2		19.0		20.1		20.9		20.5		25.7		27.3		26.9		22.2		25.0		23.6		21.4		19.0		19.0	
DATE	1978011306		1978021106		1983031803		1978042905		1978050114		1993060114		1981072215		1977082912		1985092620		1989103123		1984112308		1985122615		1978021106		1978021106	

STATION: 42003

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (11/1976 - 12/2001) (166651 RECORDS, 90.8% 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	
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
6	-	-	-	-	31	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	#
5	1	#	-	-	91	998	4	#	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	98	999
4	20	999	150	#	106	991	100	999	4	#	-	-	-	-	-	-	-	-	-	-	-	-	-	7	#	387	999
3	180	998	254	988	163	982	197	992	73	999	39	#	-	-	1	#	-	-	2	#	133	#	111	999	1153	997	
2	324	985	157	967	167	970	544	977	536	994	249	997	81	#	102	999	31	999	146	999	360	991	421	992	3118	990	
1	530	962	419	954	670	957	478	935	703	952	577	980	484	994	340	993	291	998	475	990	445	965	576	963	5988	971	
0	1170	923	1125	919	1670	905	1571	898	2147	896	3355	940	2437	962	2125	971	2128	977	1399	958	1519	934	1142	924	21788	935	
-1	2068	837	2097	826	2413	776	3126	778	4748	727	7375	707	8286	796	9050	833	7454	826	4996	863	3035	828	2164	846	56812	805	
-2	1902	686	1763	652	2187	589	2820	538	2937	353	2190	194	2623	233	2943	243	3017	299	4209	525	3227	615	2538	698	32356	464	
-3	1452	547	1480	506	1715	420	1640	322	1122	121	449	41	537	55	550	51	806	85	1949	240	1843	389	1753	524	15296	270	
-4	1326	441	1107	384	1386	288	1011	196	257	33	100	10	191	18	164	16	294	28	895	108	1312	260	1516	405	9559	178	
-5	1274	344	1068	292	829	181	807	118	78	12	25	3	67	5	61	5	77	7	419	47	957	168	1325	301	6987	120	
-6	1199	251	977	204	560	117	460	56	51	6	11	1	11	1	12	1	20	2	177	19	648	100	1109	211	5235	78	
-7	886	163	547	123	335	73	206	21	25	2	9	1	1	*	1	*	3	*	86	7	383	55	651	135	3133	47	
-8	674	98	287	78	263	47	62	5	3	*	-	-	-	-	-	-	-	-	6	1	249	28	583	90	2127	28	
-9	347	49	293	54	138	27	7	1	-	-	-	-	-	-	-	-	-	-	4	1	134	11	349	50	1272	15	
-10	159	24	191	30	75	16	1	*	-	-	-	-	-	-	-	-	-	-	6	*	16	1	230	27	678	8	
-11	82	12	79	14	70	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	85	11	319	4	
-12	72	6	54	8	29	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	5	192	2	
-13	9	1	36	3	32	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	3	86	1	
-14	-	-	1	*	6	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	13	*	
-15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	2	14	*	
-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	1	9	*	
-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	-3.3		-3.0		-2.3		-1.8		-1.1		-0.8		-1.0		-1.1		-1.2		-1.7		-2.3		-3.1		-1.9		
S.D.	3.0		3.0		2.7		2.1		1.3		0.9		0.9		0.8		0.9		1.4		2.2		2.9		2.2		
TOTAL	13675		12085		12936		13034		12684		14379		14718		15349		14123		14769		14264		14635		166651		
MAX	4.6		4.4		6.2		4.6		4.1		2.9		2.4		2.9		5.3		3.0		3.3		3.6		6.2		
DATE	1986011004		1986021013		1986031514		1986041305		1978050404		1984061212		1985071214		1985081713		1998092911		1985100205		1985112004		1985122912		1986031514		
MIN	-12.9		-13.5		-14.0		-9.9		-7.9		-7.3		-6.7		-6.6		-6.8		-9.9		-11.0		-16.4		-16.4		
DATE	1996010814		1996020503		1980030302		1989041009		1999050109		2000061602		1978072016		1981081106		1984090521		1993103119		1976113018		1989122400		1989122400		

(\* &lt; 0.05% , # = 100.0%)

STATION: 42003

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C) -- POR: (6/2000 - 12/2001) (13466 RECORDS, 7.3% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
26	-	-	-	-	-	-	-	-	-	-	-	-	4	#	6	#	-	-	-	-	-	-	-	-	-	10	#
25	-	-	-	-	-	-	-	-	-	-	23	#	49	997	50	996	27	#	37	#	-	-	-	-	-	186	999
24	-	-	-	-	-	-	2	#	3	#	314	979	405	964	401	962	333	981	150	975	-	-	-	-	-	1608	985
23	6	#	4	#	36	#	43	997	85	996	365	687	703	692	678	693	530	743	207	874	12	#	19	#	2688	866	
22	34	992	27	994	89	951	91	937	74	882	286	348	288	219	308	237	303	366	194	734	84	992	68	987	1846	666	
21	16	946	134	954	85	831	111	810	28	782	75	83	28	25	33	30	132	150	67	603	128	933	168	941	1005	529	
20	27	925	201	754	61	717	154	655	88	744	11	13	9	6	7	7	62	56	42	558	146	844	154	828	962	455	
19	32	888	99	455	68	634	59	440	93	626	3	3	-	-	4	3	8	11	82	530	178	742	129	724	755	383	
18	33	845	24	307	45	543	46	358	105	501	-	-	-	-	-	-	5	6	148	474	176	618	122	637	704	327	
17	41	801	45	271	29	482	55	293	127	359	-	-	-	-	-	-	3	2	158	374	147	495	91	555	696	275	
16	35	746	21	204	51	443	43	216	80	188	-	-	-	-	-	-	-	-	139	268	137	392	97	494	603	223	
15	30	699	22	173	9	374	32	156	56	81	-	-	-	-	-	-	-	-	87	174	140	297	149	429	525	178	
14	20	658	21	140	19	362	23	112	4	5	-	-	-	-	-	-	-	-	61	115	111	199	92	328	351	139	
13	53	631	16	109	34	336	4	80	-	-	-	-	-	-	-	-	-	-	54	74	64	121	77	266	302	113	
12	59	560	24	85	59	290	15	74	-	-	-	-	-	-	-	-	-	-	26	38	34	77	77	214	294	91	
11	81	480	26	49	54	211	4	53	-	-	-	-	-	-	-	-	-	-	20	20	43	53	50	162	278	69	
10	67	371	4	10	61	138	12	47	-	-	-	-	-	-	-	-	-	-	10	7	23	23	55	129	232	48	
9	67	281	3	4	35	55	17	31	-	-	-	-	-	-	-	-	-	-	-	-	9	7	37	92	168	31	
8	60	191	-	-	6	8	4	7	-	-	-	-	-	-	-	-	-	-	-	-	1	1	19	67	90	19	
7	52	110	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	54	97	12
6	24	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	24	48	5
5	5	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	8	14	1
4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	4	*
MEAN	12.8		18.5		16.6		18.7		18.8		22.8		23.0		23.0		22.6		19.1		17.2		16.0		19.5		
S.D.	4.6		3.0		4.6		3.4		2.5		1.0		0.8		0.9		1.2		3.7		3.1		4.3		4.3		
TOTAL	743		671		741		716		743		1077		1486		1487		1403		1482		1433		1484		13466		
MAX	22.6		22.7		23.4		23.5		23.6		25.0		26.0		26.4		25.1		25.1		23.3		22.8		26.4		
DATE	2001013123		2001020100		2001031317		2001041401		2001052904		2001061317		2000072009		2000083006		2000092305		2000100600		2000112509		2001121418		2000083006		
MIN	4.4		9.2		7.7		7.4		13.																		



998	-	-	8	2	4	1	-	-	-	-	2	*	-	-	-	2	2	8	2	-	-	-	-	24	1	
997	-	-	13	1	-	-	-	-	-	-	-	-	-	2	*	4	2	6	1	1	1	-	-	-	26	1
996	-	-	2	*	1	1	-	-	-	-	1	*	-	-	-	2	2	12	1	1	1	-	-	-	19	*
995	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	3	*
994	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	1	1	4	*	-	-	-	-	-	6	*
993	-	-	-	-	2	1	-	-	-	-	1	*	-	-	-	2	1	2	*	1	*	-	-	-	8	*
992	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	1	1	-	-	-	-	-	-	-	2	*
991	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	4	*
990	-	-	-	-	2	*	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	3	*
989	-	-	-	-	1	*	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	-	4	*
988	-	-	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	2	*
987	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	1	*	-	-	-	3	*
986	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	2	*
984	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	1	*
983	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	2	*
982	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
981	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
980	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	-	-	-	1	*
979	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	1	*
978	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
977	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
974	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	1	*
972	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	-	-	-	-	-	-	-	2	*
970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
967	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
966	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
962	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	-	-	1	*	-	-	-	3	*
961	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	-	-	-	1	*
958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
957	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	1	*
MEAN	1019.1		1018.6		1016.8		1016.2		1015.1		1015.7		1017.3		1016.2		1014.3		1015.8		1017.5		1019.1		1016.8	
S.D.	4.3		4.7		4.8		3.4		2.6		2.5		2.2		2.4		3.2		3.4		3.9		3.9		3.8	
TOTAL	14610		12770		13663		14229		13873		15498		16222		16866		15466		16248		15302		15642		180389	
MAX	1034.7		1034.2		1031.6		1027.0		1023.1		1022.3		1023.1		1022.4		1021.6		1026.5		1029.2		1031.3		1034.7	
DATE	1979010315	1996020516	1986032416	1981041616	1992050216	2001062716	1994071617	2000081516	1986092015	2001102916	1996111216	1991122016	1979010315													
MIN	1000.9	996.1	988.0	1004.9	1002.2	992.3	1008.9	997.4	959.3	992.8	957.1	1003.1	957.1													
DATE	1979012100	1998020311	1983031709	1995040602	1978050409	1995060416	2001072222	1992082504	1979091202	1995100412	1985112018	1986123123	1985112018													

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

STATION: 42003

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (11/1976 - 12/2001) (177614 RECORDS, 96.7% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	#		
91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999		



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

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

ELEMENT: PEAK WIND GUST (KNOTS) -- POR: (1/1980 - 12/2001) (166842 RECORDS, 90.9% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF		
114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	#		
113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	2	999		
92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999		
83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999		
72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999		
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
66	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	2	999
65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	1	999
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	1	999	-	-	3	999		
62	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	2	999		
61	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
60	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	3	999	
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999		
58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	999	-	-	2	999		
57	-	-	-	-	2	999	-	-	-	-	-	-	-	-	2	999	-	-	-	1	999	-	-	5	999			
56	-	-	-	-	2	999	-	-	-	-	-	-	-	-	1	999	-	-	-	2	999	-	-	5	999			
55	-	-	-	-	3	999	-	-	-	1	999	-	-	-	2	999	2	999	-	-	-	-	-	-	8	999		
54	-	-	-	-	-	-	-	-	-	2	999	-	-	-	1	999	1	999	1	999	1	999	-	-	5	999		
53	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	1	999	3	999	-	-	5	999		
52	-	-	-	-	1	999	-	-	-	-	-	-	-	-	2	999	1	999	1	999	5	999	1	#	11	999		
51	-	-	-	-	1	999	-	-	-	1	999	-	-	-	4	999	-	-	-	-	2	998	-	-	8	999		
50	-	-	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	3	999	-	-	-	-	5	999		
49	-	-	-	-	2	999	-	-	-	1	999	-	-	-	2	999	1	999	-	-	-	-	1	999	7	999		
48	1	#	1	#	1	999	-	-	-	-	-	-	-	-	3	999	2	999	3	998	3	998	1	999	12	999		
47	1	999	-	-	2	999	-	-	-	1	999	-	-	-	-	-	-	-	1	999	2	998	-	-	7	999		
46	1	999	2	999	4	998	-	-	-	-	-	-	-	-	1	999	2	999	2	999	6	998	-	-	16	999		
45	1	999	3	999	5	998	-	-	-	-	1	999	-	-	-	3	999	2	999	2	999	9	998	4	999	28	999	
44	3	999	2	999	7	998	2	#	-	-	-	-	-	-	2	999	-	-	-	5	997	3	999	24	999			
43	-	-	5	999	5	997	3	999	1	#	-	-	-	-	4	999	2	998	-	-	8	997	4	999	32	999		
42	8	999	8	999	9	997	6	999	-	-	1	999	-	-	-	-	4	998	3	999	6	996	3	999	48	999		
41	5	999	11	998	14	996	3	999	-	-	1	999	-	-	-	-	7	998	4	999	3	996	3	999	51	999		
40	15	999	10	997	25	995	4	999	-	-	2	999	-	-	-	-	7	998	4	999	8	995	8	999	83	998		

39	20	997	15	996	21	993	4	999	-	-	1	999	1	#	4	999	3	997	8	998	18	995	15	998	110	998
38	25	996	21	995	32	992	7	998	1	999	1	999	-	-	2	999	5	997	6	998	14	994	14	997	128	997
37	31	994	27	993	37	989	11	998	1	999	-	-	-	-	1	999	12	996	8	997	13	993	15	996	156	996
36	40	992	30	991	58	986	10	997	-	-	2	999	3	999	1	999	9	996	13	997	17	992	21	995	204	995
35	44	989	39	989	62	982	7	996	-	-	3	999	4	999	3	999	18	995	16	996	24	991	33	994	253	994
34	41	985	48	985	54	977	7	995	4	999	1	999	1	999	-	-	13	994	22	995	38	989	37	991	266	993
33	96	982	104	981	111	973	42	995	10	999	1	999	8	999	5	998	17	993	57	993	72	986	82	989	605	991
32	81	975	77	972	69	965	22	992	5	999	5	999	3	999	8	998	21	992	44	990	60	981	50	983	445	987
31	111	969	122	966	120	959	40	990	9	998	4	998	5	999	5	998	36	990	70	987	102	977	81	980	705	985
30	147	961	127	956	131	950	52	987	13	998	3	998	9	998	11	997	35	988	105	982	98	970	111	974	842	981
29	184	950	155	945	187	940	79	983	13	997	7	998	10	998	13	997	32	985	144	975	103	963	139	967	1066	975
28	211	936	215	932	216	926	110	976	23	996	9	997	16	997	14	996	58	983	169	966	179	956	179	956	1399	969
27	236	920	213	914	268	909	141	968	40	994	21	997	12	996	15	995	68	979	222	955	219	944	222	945	1677	961
26	366	903	314	896	393	889	238	956	62	991	25	995	19	995	34	994	118	974	255	940	397	929	365	930	2586	951
25	328	875	304	869	341	859	201	938	74	986	32	993	29	994	30	992	136	965	296	923	364	902	395	905	2530	935
24	389	851	390	843	364	833	301	922	108	981	47	991	38	992	58	990	127	956	388	904	507	876	423	878	3140	920
23	471	822	411	811	455	805	326	898	119	972	81	988	33	989	80	986	169	947	408	878	519	842	507	849	3579	901
22	532	786	470	776	495	770	472	872	193	963	104	982	42	987	84	981	195	935	531	851	651	806	645	814	4414	880
21	579	747	518	736	546	732	588	835	310	949	142	974	78	984	99	976	225	921	636	816	708	761	736	770	5165	853
20	623	703	570	692	520	690	492	788	333	925	152	964	65	979	123	969	214	905	599	774	727	712	726	720	5144	822
19	830	657	715	644	770	651	771	749	592	900	290	953	165	974	192	962	417	890	923	735	959	662	947	670	7571	791
18	729	595	635	584	656	592	658	688	571	855	308	933	173	963	221	949	424	860	864	674	831	596	909	606	6979	746
17	706	540	611	530	734	542	735	636	640	811	383	911	237	951	344	935	495	830	918	617	877	539	1028	544	7708	704
16	742	487	570	479	643	486	733	578	746	763	507	884	348	935	360	913	584	795	813	556	846	478	957	473	7849	658
15	712	432	589	430	665	436	734	520	808	706	553	847	475	911	481	890	639	754	846	502	786	420	922	408	8210	611
14	684	379	598	381	696	386	689	462	856	645	729	808	694	879	591	860	747	708	877	447	803	366	799	345	8763	562
13	657	328	547	330	663	332	683	407	913	580	856	756	805	831	830	822	842	655	844	389	705	310	727	290	9072	509
12	743	278	598	284	733	282	762	353	1103	510	1201	695	1118	776	1150	769	1014	596	858	333	780	262	779	241	10839	455
11	573	223	487	233	563	226	654	293	956	426	1187	609	1050	700	1093	696	885	524	752	276	599	208	558	187	9357	390
10	579	180	461	192	525	183	636	241	914	354	1155	525	1224	628	1290	626	914	461	679	227	536	167	481	149	9394	334
9	471	137	408	153	452	143	586	191	791	284	1132	442	1289	545	1341	544	997	396	570	182	449	130	409	116	8895	278
8	356	101	351	119	419	108	483	144	721	224	1074	362	1193	457	1294	459	971	325	507	144	368	99	324	88	8061	224
7	293	75	302	89	288	76	338	106	575	169	892	285	1108	375	1180	376	897	256	435	111	293	74	262	66	6863	176
6	259	53	221	64	216	54	318	79	499	126	897	222	1080	299	1293	301	781	193	378	82	237	53	236	48	6415	135
5	196	34	213	45	209	37	289	54	460	88	888	158	1235	226	1322	219	743	137	358	57	215	37	184	32	6312	96
4	113	19	150	27	138	21	170	31	288	53	562	94	847	141	830	134	490	85	207	34	152	22	116	20	4063	58
3	75	10	103	14	80	11	118	18	223	31	387	54	613	83	580	82	362	50	153	20	88	12	73	12	2855	34
2	51	5	44	6	45	5	65	9	123	14	229	27	404	42	394	45	238	24	86	10	51	6	64	7	1794	17
1	10	1	20	2	13	1	32	3	32	4	114	10	136	14	152	20	70	7	37	4	21	2	32	2	669	6
0	4	*	3	*	5	*	11	1	27	2	32	2	68	5	155	10	33	2	27	2	10	1	3	*	378	2
MEAN	17.1		17.1		17.3		15.3		12.7		10.5		9.3		9.5		11.9		15.7		17.0		17.0		14.1	
S.D.	7.0		7.3		7.5		6.4		5.3		5.0		4.7		5.1		6.4		6.7		6.9		6.4		7.0	
TOTAL	13373		11838		13082		12633		13157		14029		14638		15697		14096		15155		14510		14634		166842	
MAX	48.0		47.6		62.0		44.3		42.8		65.7		38.9		59.5		65.7		57.9		113.7		51.9		113.7	
DATE	1999010301	1998020401	1993031305	1985041212	1999050723	1995060416	1984072909	1992082504	1998092620	1985103111	1985112017	1997122919	1985112017	1997122919	1985112017	1997122919	1985112017	1997122919	1985112017	1997122919	1985112017	1997122919	1985112017	1997122919	1985112017	1997122919
MIN	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.2		0.0	
DATE	2000010101	2000022000	2000030605	2001041611	1998052110	2001062603	2001071002	2001081701	1999090714	2001102518	1999112519	1983121421	2001102518	1999112519	1983121421	2001102518	1999112519	1983121421	2001102518	1999112519	1983121421	2001102518	1999112519	1983121421	2001102518	1999112519

STATION: 42003

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

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (6/1989 - 12/2001) (86477 RECORDS, 25.8% 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	F
69	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
67	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	2	999
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	1	999
65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	1	999
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	2	999	-	-	-	-	-	-	4	999
62	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
61	-	-	-	-	5	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999
60	-	-	-	-	4	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999
59	-	-	-	-	-																						

47	-	-	3	999	6	996	-	-	-	-	-	-	-	2	999	4	997	2	999	-	-	3	999	20	999		
46	1	999	5	998	1	995	1	999	-	-	-	-	-	2	998	2	997	1	999	-	-	3	999	16	999		
45	2	999	4	997	4	994	1	999	-	-	-	-	-	-	-	2	996	1	999	-	-	6	998	20	999		
44	4	999	5	997	7	994	-	-	-	-	-	-	-	-	-	-	-	-	1	#	2	997	19	998			
43	3	998	7	996	5	993	2	999	1	#	-	-	-	2	998	6	996	1	999	-	-	7	997	34	998		
42	6	998	10	995	11	992	2	999	-	-	-	1	999	-	-	9	995	1	999	1	999	10	996	51	998		
41	6	997	10	993	12	990	-	-	2	999	-	-	2	999	-	-	10	994	2	999	2	999	9	995	55	997	
40	14	996	15	992	9	988	2	999	1	999	-	-	3	999	-	-	6	993	-	-	7	999	15	994	72	996	
39	15	994	17	989	11	987	1	998	-	-	-	1	999	2	998	3	992	8	999	5	999	15	992	78	996		
38	20	992	16	986	18	985	-	-	2	999	1	#	4	999	2	998	8	992	12	998	6	998	18	990	107	995	
37	17	989	17	984	26	983	1	998	-	-	-	2	998	1	998	10	990	10	996	8	997	20	988	112	993		
36	17	987	20	981	43	979	5	998	1	999	4	999	7	998	3	997	14	989	12	995	14	996	42	986	182	992	
35	26	985	42	978	38	972	12	997	5	999	3	999	4	997	5	997	15	987	38	993	13	994	23	980	224	990	
34	34	981	47	971	52	966	6	995	5	998	1	999	6	997	2	997	17	985	32	989	36	993	39	978	277	987	
33	55	977	40	963	67	958	22	994	10	997	2	999	5	996	14	996	21	983	62	985	66	988	58	973	422	984	
32	78	969	61	957	81	948	31	990	7	995	4	998	10	995	16	995	21	980	56	977	68	980	66	966	499	979	
31	92	958	70	947	100	935	37	984	7	994	3	998	8	994	8	993	24	978	76	970	86	971	72	958	583	974	
30	93	946	92	935	98	920	45	978	9	992	9	997	18	993	15	992	23	974	124	960	98	960	106	949	730	967	
29	131	933	104	920	156	905	72	970	13	991	5	996	11	991	18	990	30	971	103	945	121	948	119	936	883	958	
28	163	915	146	903	156	881	88	957	23	988	8	995	20	990	22	988	50	967	155	932	182	932	166	921	1179	948	
27	172	892	147	879	183	857	105	942	27	984	14	994	18	987	28	986	58	961	171	913	205	909	184	901	1312	935	
26	270	869	214	855	225	829	176	923	50	979	28	992	30	985	46	983	91	953	248	891	365	883	289	878	2032	919	
25	253	832	205	820	191	794	143	892	43	970	39	988	36	981	33	978	73	941	231	860	297	836	269	842	1813	896	
24	312	797	223	787	245	765	203	867	82	962	48	982	37	977	52	974	97	931	279	832	316	798	299	809	2193	875	
23	322	754	253	751	267	727	256	831	106	947	55	975	35	972	69	968	104	919	289	797	374	758	371	772	2501	850	
22	361	710	275	709	302	686	290	785	149	927	67	967	48	968	82	960	133	905	334	761	408	710	464	727	2913	821	
21	386	660	289	664	328	640	313	734	188	900	112	958	65	962	80	951	163	887	385	719	426	658	400	669	3135	787	
20	413	607	308	617	346	589	308	679	218	865	116	941	95	954	102	942	202	866	392	671	421	604	450	620	3371	751	
19	528	550	367	567	436	536	394	624	308	825	168	924	162	943	164	931	265	839	531	622	553	550	624	565	4500	712	
18	408	478	282	507	349	469	344	554	278	768	209	900	151	923	197	912	255	804	422	556	446	480	515	488	3856	660	
17	366	422	258	461	354	416	282	493	294	717	215	869	227	904	263	890	348	771	448	503	423	423	515	425	3993	615	
16	353	372	279	419	297	361	292	443	314	663	280	838	298	877	316	861	373	725	436	447	360	369	480	361	4078	569	
15	336	323	276	373	301	316	284	392	357	605	327	797	369	840	353	825	432	675	361	392	358	323	431	302	4185	522	
14	339	277	301	328	302	269	290	341	331	540	391	749	473	795	460	786	475	618	375	347	323	277	405	249	4465	473	
13	289	230	254	279	255	223	312	290	369	479	539	692	522	737	558	734	459	556	363	300	316	236	325	199	4561	422	
12	323	191	323	238	265	184	334	235	412	411	681	614	661	673	797	671	541	495	396	255	365	196	339	159	5437	369	
11	258	146	251	185	203	143	233	176	328	335	568	514	623	593	656	582	473	424	355	206	238	149	210	117	4396	306	
10	226	111	181	144	191	112	209	135	298	274	559	432	654	516	736	508	513	361	269	161	241	119	186	91	4263	255	
9	168	80	170	115	151	82	154	98	279	219	533	350	655	436	771	426	473	293	264	128	171	88	159	69	3948	206	
8	125	57	154	87	110	59	99	70	232	168	486	272	638	356	693	339	486	231	222	95	131	66	119	49	3495	160	
7	112	39	116	62	115	42	90	53	203	125	420	201	589	278	708	261	401	167	168	67	127	50	87	34	3136	120	
6	75	24	93	43	69	25	78	37	165	88	338	140	545	206	608	182	308	114	141	46	110	34	81	24	2611	84	
5	57	14	100	28	56	14	69	23	158	57	320	91	562	140	535	114	269	73	119	28	80	20	66	14	2391	54	
4	25	6	46	11	25	5	34	11	87	28	160	44	312	71	270	54	178	38	70	14	43	9	26	6	1276	26	
3	13	2	20	4	10	2	20	5	53	12	103	21	223	33	160	23	80	14	28	5	23	4	15	2	748	11	
2	4	1	2	*	-	-	7	1	13	3	36	6	43	6	48	5	25	4	11	1	7	1	4	*	200	2	
1	1	*	1	*	-	-	-	-	1	*	4	1	2	*	1	*	-	-	-	-	-	-	-	-	-	10	*
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	-	-	-	-	-	-	-	2	*
MEAN	18.9		18.5		19.5		17.5		14.2		11.7		10.9		11.2		13.7		17.6		18.6		19.0		15.8		
S.D.	6.9		7.7		7.7		6.3		5.7		5.0		5.3		5.6		7.0		7.0		6.7		6.8		7.3		
TOTAL	7278		6127		6506		5649		5429		6856		8177		8912		7574		8007		7841		8121		86477		
MAX	51.9		69.0		62.0		66.7		42.8		37.9		52.1		63.0		66.5		57.2		44.1		51.9		69.0		
DATE	1999010300	1998021518	1993031304	1993040500	1999050723	1996060817	1999070909	1992082503	1998092619	1996100713	1998110423	1997122919	1998021518														
MIN	1.2		1.4		2.5		1.6		1.2		1.2		1.0		1.0		0.0		1.6		1.7		1.7		0.0		
DATE	1999011912	1996022411	2000030213	1998040200	1998052110	2000061608	1996071206	2001081614	1999090602	1992101716	2001112022	1992120720	1999090602														

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

STATION: 42003

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS) -- POR: (7/1977 - 12/2001) (164164 RECORDS, 89.4% 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	
11.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
10.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	#
10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999
9.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999
9.0	-	-	-	-	5	#																					



3.0	431	972	318	978	521	963	129	995	21	999	13	999	8	999	14	999	111	988	354	985	259	979	357	978	2536	987
2.5	800	938	821	950	919	923	457	985	101	997	67	999	69	999	66	998	301	981	705	960	722	959	781	950	5809	972
2.0	1628	874	1514	880	1681	852	1382	953	564	989	288	994	116	994	206	994	621	959	1411	912	1783	902	1640	890	12834	936
1.5	2923	743	2708	750	2722	724	3135	854	2077	947	1115	973	591	987	727	982	1531	915	3162	814	2953	760	3111	762	26755	858
1.0	3995	509	3588	518	3680	515	4685	629	4269	790	3943	893	3615	949	2861	937	3280	807	4374	594	4132	526	4284	520	46706	695
0.5	2339	190	2418	210	3019	234	4004	293	5767	467	8002	610	10380	716	11121	762	7059	574	3888	290	2444	198	2335	187	62776	410
0.0	29	2	27	2	34	3	84	6	416	31	488	35	744	48	1342	82	1037	74	291	20	57	5	64	5	4613	28
MEAN	1.4		1.4		1.4		1.1		0.9		0.7		0.6		0.6		0.9		1.2		1.4		1.4		1.1	
S.D.	0.8		0.7		0.9		0.6		0.5		0.4		0.3		0.4		0.7		0.7		0.8		0.7		0.7	
TOTAL	12492		11655		13064		13951		13233		13918		15533		16351		14104		14400		12611		12852		164164	
MAX	6.1		6.6		9.2		4.9		4.7		3.6		4.2		6.4		8.9		6.9		10.7		5.4		10.7	
DATE	1982011420	1998020408	1993031319	1985041213	1991052204	1982061721	1994070219	1992082503	1979091200	1995100414	1985112017	1997122921	1985112017													
MIN	0.1		0.2		0.0		0.1		0.0		0.0		0.0		0.0		0.0		0.0		0.1		0.2		0.0	
DATE	1981012714	1999022710	2001032003	1980042413	1998051423	2000061919	1996071415	1998081517	1996090506	1992103010	1985110807	1999123115	2001032003													

STATION: 42003

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

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (7/1977 - 12/2001) (164164 RECORDS, 89.4% 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	F
17	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
10	-	-	-	-	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
9	-	-	1	#	13	999	-	-	-	-	-	-	1	#	2	#	10	#	-	-	15	#	1	#	43	999	999
8	58	#	22	999	61	999	27	999	18	#	12	#	21	999	12	999	33	999	19	#	68	999	36	999	387	999	
7	462	995	344	998	673	994	217	998	114	999	235	999	278	999	125	999	249	997	361	999	416	993	394	997	3868	997	
6	2294	958	2331	968	2703	943	2224	982	1946	990	2209	982	2491	981	1824	991	1230	979	2561	974	2799	960	2598	966	27210	974	
5	5618	775	5402	767	5839	736	6713	824	5759	843	6822	824	6612	820	5781	880	4971	892	6540	796	5513	739	5669	764	71239	808	
4	3728	325	3209	302	3364	289	4353	344	4776	408	4029	334	5459	395	7468	526	6509	540	4452	342	3460	302	3834	323	54641	374	
3	332	27	290	25	411	32	454	32	607	47	520	44	662	43	1069	69	1038	78	444	32	349	28	323	25	6499	41	
2	-	-	5	*	-	-	-	-	1	1	8	7	-	-	5	4	2	4	3	2	3	*	-	-	27	2	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	2
0	-	-	-	-	1	*	-	-	12	1	86	6	8	1	61	4	59	4	20	1	-	-	-	-	247	2	
MEAN	4.9		4.9		5.0		4.8		4.7		4.7		4.7		4.5		4.4		4.8		4.9		4.9		4.8		
S.D.	0.8		0.8		0.9		0.8		0.8		0.8		0.8		0.8		0.9		0.8		0.9		0.8		0.8		
TOTAL	12492		11604		13067		13989		13233		13921		15532		16347		14101		14400		12623		12855		164164		
MAX	8.3		8.6		9.7		16.6		8.2		7.9		9.2		9.0		9.0		8.3		9.4		8.5		16.6		
DATE	1978010915	1998020408	1993031320	1986041511	1991052207	1985062005	1986072919	1992082503	1998092613	1995101110	1985112018	1991122013	1986041511														
MIN	2.5		2.3		0.0		2.6		0.0		0.0		0.0		0.0		0.0		0.0		2.2		2.6		0.0		
DATE	1981010420	1981022716	2001032003	2000043011	1998051423	2000061919	1996071415	1998081517	1996090506	1992103010	1981111700	1981120414	2001032003														

STATION: 42003

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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (10/1979 - 12/2001) (157788 RECORDS, 85.9% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	-	2	#
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
14	-	-	-	-	5	#	-	-	-	-	-	-	-	-	2	999	6	#	2	#	3	#	-	-	18	999	
13	-	-	11	#	12	999	-	-	-	-	-	1	#	-	-	27	999	16	999	5	999	-	-	72	999	999	
12	-	-	2	999	-	-	-	-	-	-	-	2	999	-	-	4	998	15	999	-	-	1	#	24	999	999	
11	29	#	42	999	58	999	6	#	2	#	5	#	13	999	35	999	42	997	46	998	29	999	27	999	334	999	
10	144	998	105	995	258	994	36	999	33	999	91	999	118	999	85	998	76	994	100	994	140	997	131	998	1317	997	
9	381	986	298	986	599	974	236	997	168	997	611	993	773	991	319	992	213	988	275	987	317	985	314	987	4504	989	
8	1876	954	1729	959	2213	926	1717	979	1239	984	1795	948	2703	939	1751	972	1055	973	1751	967	2040	959	1880	962	21749	960	
7	2891	798	2987	805	2898	750	3338	850	2814	887	2778	814	2999	757	2476	860	2175	894	3161	842	3427	792	3348	810	35292	822	
6	3710	557	3328	539	3679	520	4244	598	3922	666	3659	608	3774	556	3704	703	3567	733	4572	615	3407	510	3836	539	45402	599	
5	2107	248	1874	243	2011	227	2561	278	2897	357	2725	336	2732	302	4228	467	3667	468	2639	286	1983	229	2063	229	31487	311	
4	644	73	660	76	636	68	784	84	1200	130	1342	134	1333	118	2251	198	1926	196	1083	97	604	66	582	62	13045	111	
3	219	19	169	17	207	17	327	25	426	36	333	34	400	29	774	55	637	53	230	19	189	16	184	15	4095	29	
2	13	1	19	2	6	1	9	1	14	2	45	10	19	2	26	6	21	6	12	2	10	1	6	*	200	3	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	2
0	-	-	-	-	1	*	-	-	12	1	86	6	8	1	61	4	59	4	20	1	-	-	-	-	247	2	
MEAN	6.3		6.3		6.5		6.1		5.9		6.1		6.3		5.7		5.6		6.1		6.4		6.4		6.1		

S.D.	1.4	1.4	1.5	1.3	1.3	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.4
TOTAL	12014	11224	12583	13258	12727	13470	14875	15714	13475	13922	12154	12372	157788
MAX	11.1	12.5	14.3	11.1	11.1	11.1	12.9	16.7	14.3	13.8	14.3	12.1	16.7
DATE	1994010412	1992020618	1993031400	1992043019	1992050110	1985061902	1996071123	1992082503	1988091716	1998102809	1985112015	1997121511	1992082503
MIN	2.0	2.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0
DATE	1981012407	1981022715	2001032003	2000041913	1998051423	2000061919	1996071415	1998081517	1996090506	1992103010	1981112422	1981120413	2001032003

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

ELEMENT SUMMARY FOR STATION: 42003

- (A) TOTAL STD MET RECORDS READ = 183597
- (B) TOTAL C WIND RECORDS READ = 334559
- (C) TOTAL RECORDS USED IN STATS = 518156

(D) ELEMENT RECORDS AVAILABLE	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(E) ELEMENT OUT OF RANGE	167557	180522	166651	13466	180389	177614	166842	86477	164164	164164	157788	0
	16040	3075	16946	170131	3208	5983	16755	248082	19433	19433	25809	183597

STATION: 42003 -- POR (11/1976 - 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
1976	MEAN	-	-	-	-	-	-	-	-	-	-	21.3	20.7	20.9
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	27.9	25.4	27.9
	DAY-HR	-	-	-	-	-	-	-	-	-	-	29-06	20-21	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	-	15.6	14.3	14.3
	DAY-HR	-	-	-	-	-	-	-	-	-	-	30-21	22-00	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	74	234	308
1977	MEAN	21.2	-	-	-	-	-	28.2	27.8	27.9	25.1	23.3	21.1	25.5
	MAXIMUM	25.2	-	-	-	-	-	30.3	29.6	30.1	29.0	26.4	25.8	30.3
	DAY-HR	03-09	-	-	-	-	-	31-00	01-21	24-21	02-21	09-21	31-15	JUL
	MINIMUM	16.7	-	-	-	-	-	25.3	23.0	24.3	20.5	17.4	15.2	15.2
	DAY-HR	08-12	-	-	-	-	-	16-15	29-19	04-15	13-21	11-15	07-15	DEC
	# OBS	67	-	-	-	-	-	192	290	320	244	238	250	1601
1978	MEAN	18.8	18.6	21.1	23.6	25.4	27.6	27.9	28.2	28.1	25.4	24.6	23.0	25.3
	MAXIMUM	25.9	25.0	25.8	26.7	27.8	29.4	30.5	30.2	31.0	28.4	27.0	27.5	31.0
	DAY-HR	01-15	18-09	16-15	19-22	31-21	09-21	19-20	19-23	13-22	01-19	30-21	02-18	SEP
	MINIMUM	13.5	11.9	14.2	19.3	22.9	23.5	22.2	22.6	24.4	21.1	22.7	15.9	11.9
	DAY-HR	09-21	23-00	05-06	23-18	05-10	06-03	20-16	26-13	05-21	15-21	13-12	27-21	FEB
	# OBS	247	227	246	611	335	241	469	688	657	695	239	240	4895
1979	MEAN	20.4	21.0	21.9	24.2	25.2	27.1	28.3	28.3	27.6	25.7	-	-	24.8
	MAXIMUM	26.3	25.7	25.4	26.0	27.5	29.2	29.6	30.0	29.4	28.7	-	-	30.0
	DAY-HR	20-21	24-21	05-03	14-21	31-18	30-21	20-20	18-21	09-18	03-18	-	-	AUG
	MINIMUM	12.3	14.6	17.5	19.1	21.8	22.0	23.8	23.9	24.0	22.5	-	-	12.3
	DAY-HR	03-21	02-00	26-09	30-03	26-09	15-12	23-21	22-12	23-21	26-06	-	-	JAN
	# OBS	245	224	292	233	217	226	286	224	156	51	-	-	2154
1980	MEAN	21.0	19.1	23.1	23.8	26.0	27.7	28.6	-	28.1	26.3	23.5	21.1	24.0
	MAXIMUM	24.6	25.3	26.5	26.8	28.7	30.0	30.1	-	29.9	28.5	27.2	25.6	30.1
	DAY-HR	31-18	24-21	30-03	14-00	25-20	24-23	03-23	-	15-19	28-21	09-20	10-21	JUL
	MINIMUM	16.0	12.2	11.6	18.3	21.3	24.8	26.5	-	23.9	22.7	18.1	14.1	11.6
	DAY-HR	24-14	02-05	03-02	15-04	02-10	11-15	03-10	-	18-02	26-12	28-23	28-07	MAR
	# OBS	462	691	742	711	744	719	93	-	442	743	720	740	6807
1981	MEAN	18.1	20.4	21.1	24.1	24.8	27.9	28.3	28.4	27.9	26.3	24.0	21.9	24.5
	MAXIMUM	24.1	25.1	25.6	26.6	27.3	31.1	30.5	30.9	30.6	28.1	27.0	26.6	31.1
	DAY-HR	20-19	02-10	31-22	24-18	28-23	19-20	19-23	01-22	10-17	25-21	04-07	01-20	JUN
	MINIMUM	10.8	11.6	16.4	20.1	21.7	24.1	23.9	23.1	24.2	22.1	19.0	13.8	10.8
	DAY-HR	12-21	04-05	19-23	07-01	12-17	23-21	22-12	11-06	25-15	20-08	22-11	20-01	JAN
	# OBS	733	669	739	718	742	718	743	742	713	723	720	736	8696
1982	MEAN	22.0	24.2	24.1	25.4	25.8	27.9	29.0	28.6	27.6	26.2	24.6	23.6	25.5
	MAXIMUM	26.1	26.7	27.5	27.7	29.1	30.9	31.4	31.8	31.6	30.6	27.5	26.8	31.8
	DAY-HR	04-16	16-22	21-23	25-22	26-23	12-21	02-22	23-21	10-19	09-19	03-20	01-17	AUG
	MINIMUM	13.4	19.6	17.0	20.1	22.7	23.9	26.0	24.4	22.4	21.6	17.8	17.4	13.4
	DAY-HR	15-00	14-09	08-19	26-14	31-00	17-03	17-09	18-11	25-14	26-10	05-23	18-00	JAN
	# OBS	740	671	742	717	741	720	466	387	715	743	716	740	8098
1983	MEAN	20.4	20.2	20.8	22.6	25.2	26.8	28.2	28.8	27.4	26.6	24.4	23.5	25.3
	MAXIMUM	25.6	25.5	26.2	26.6	28.7	30.5	30.6	31.4	29.4	30.4	27.9	27.4	31.4
	DAY-HR	02-17	02-03	06-18	09-12	24-18	30-16	25-21	22-22	17-18	07-19	20-16	04-21	AUG
	MINIMUM	14.9	16.2	14.2	18.1	20.6	22.0	23.9	23.0	21.8	22.8	19.2	11.9	11.9
	DAY-HR	13-04	13-21	12-00	17-03	04-15	12-21	30-19	30-16	18-02	13-21	26-00	30-19	DEC
	# OBS	659	224	248	238	248	687	723	720	697	737	712	596	6489

1984	MEAN	-	-	25.0	26.3	28.2	27.4	26.9	27.3	26.9	26.2	24.2	24.1	26.3
	MAXIMUM	-	-	28.0	28.7	29.6	29.4	28.3	28.9	28.0	27.3	26.6	26.3	29.6
	DAY-HR	-	-	28-22	23-18	07-07	13-01	29-04	12-22	23-07	28-01	19-14	05-07	MAY
	MINIMUM	-	-	21.0	22.1	25.0	23.5	22.9	24.9	23.0	23.2	21.0	18.3	18.3
	DAY-HR	-	-	22-02	06-09	22-20	26-12	30-03	21-19	05-21	02-05	22-15	07-18	DEC
	# OBS	-	-	239	718	741	720	739	743	717	743	716	743	6819
1985	MEAN	22.1	23.5	25.2	25.5	27.7	29.3	29.7	30.4	29.0	28.9	26.8	23.9	26.7
	MAXIMUM	26.5	26.9	27.2	28.2	29.8	31.4	31.4	31.9	29.9	31.3	28.8	27.9	31.9
	DAY-HR	31-12	06-16	31-12	29-22	23-23	07-23	12-14	20-00	30-05	02-05	02-18	13-23	AUG
	MINIMUM	14.2	17.5	21.0	19.8	25.0	24.8	25.6	28.6	25.3	24.7	23.5	17.7	14.2
	DAY-HR	21-16	13-20	19-02	02-10	24-20	14-14	12-22	13-18	20-19	29-22	05-20	26-14	JAN
	# OBS	743	670	741	717	744	720	743	559	397	737	714	735	8220
1986	MEAN	23.8	25.2	24.8	24.6	25.8	27.5	28.3	28.5	28.5	26.5	26.0	22.6	26.0
	MAXIMUM	26.7	27.6	29.1	28.3	28.3	29.8	31.2	30.7	31.3	29.6	28.3	26.3	31.3
	DAY-HR	10-08	06-13	20-10	13-05	02-17	15-17	22-22	29-18	12-22	14-19	19-22	11-13	SEP
	MINIMUM	17.3	19.5	17.4	18.8	23.1	23.3	22.3	23.6	24.4	21.2	22.2	19.1	17.3
	DAY-HR	28-02	13-01	01-19	28-04	04-07	20-21	18-16	20-14	09-20	21-17	30-21	30-23	JAN
	# OBS	738	667	740	697	742	720	743	744	718	743	719	743	8714
1987	MEAN	20.2	21.8	21.7	22.3	26.1	27.8	29.0	29.5	28.8	25.2	23.6	20.6	25.5
	MAXIMUM	25.8	26.3	26.0	25.4	28.3	30.6	30.4	31.4	31.8	28.1	26.7	21.6	31.8
	DAY-HR	18-21	22-19	01-08	29-08	12-20	24-16	02-16	14-22	20-21	02-19	09-21	01-18	SEP
	MINIMUM	14.6	14.6	19.0	17.5	23.1	23.6	25.5	26.1	23.8	20.1	18.2	19.6	14.6
	DAY-HR	23-12	10-00	06-12	07-09	12-10	21-17	20-19	07-01	30-09	29-00	30-15	01-09	FEB
	# OBS	739	672	156	313	741	720	588	604	682	483	238	22	5958
1988	MEAN	-	-	-	-	24.8	26.2	28.1	28.3	27.8	25.4	24.3	22.0	26.0
	MAXIMUM	-	-	-	-	25.8	31.2	31.2	31.4	29.2	28.5	27.4	26.1	31.4
	DAY-HR	-	-	-	-	31-04	30-16	17-20	17-22	28-21	02-20	20-19	11-19	AUG
	MINIMUM	-	-	-	-	23.5	21.6	23.7	23.8	24.2	23.0	18.1	15.5	15.5
	DAY-HR	-	-	-	-	30-17	19-14	07-18	29-00	07-10	14-06	29-00	19-08	DEC
	# OBS	-	-	-	-	126	718	743	740	717	744	716	741	5245
1989	MEAN	22.3	20.5	21.2	21.0	-	-	-	-	-	-	24.0	20.4	21.6
	MAXIMUM	26.8	25.0	24.5	25.8	-	-	-	-	-	-	29.2	26.7	29.2
	DAY-HR	01-19	07-22	31-21	05-20	-	-	-	-	-	-	26-20	20-17	NOV
	MINIMUM	17.2	12.0	15.1	15.2	-	-	-	-	-	-	18.4	9.2	9.2
	DAY-HR	21-16	24-07	10-02	10-09	-	-	-	-	-	-	17-00	24-11	DEC
	# OBS	743	669	735	464	-	-	-	-	-	-	628	739	3978
1990	MEAN	22.5	23.2	22.8	23.7	26.1	27.7	27.9	28.8	28.3	26.3	23.7	22.4	25.3
	MAXIMUM	26.1	25.9	25.9	26.6	29.2	31.1	30.5	32.0	32.0	29.8	26.1	24.6	32.0
	DAY-HR	21-22	10-22	31-17	30-20	27-22	05-16	23-22	22-15	17-21	18-16	09-22	31-22	SEP
	MINIMUM	15.2	17.6	16.4	19.2	22.0	24.5	22.7	25.0	23.5	20.3	19.8	17.5	15.2
	DAY-HR	14-00	24-13	21-00	04-07	22-20	28-20	03-22	25-14	28-22	27-01	30-16	06-01	JAN
	# OBS	744	672	730	704	734	710	741	744	718	740	720	744	8701
1991	MEAN	22.6	21.6	23.3	25.0	26.5	27.3	28.0	28.4	27.8	25.9	22.6	22.7	25.2
	MAXIMUM	26.3	25.6	26.6	27.3	27.6	30.6	31.3	31.2	29.7	29.8	26.9	26.7	31.3
	DAY-HR	30-21	22-21	29-20	30-21	15-23	16-15	26-23	11-15	15-14	03-16	02-02	14-18	JUL
	MINIMUM	17.6	13.6	16.5	19.5	22.4	23.7	23.7	24.0	24.6	22.2	17.2	16.9	13.6
	DAY-HR	13-12	16-21	11-09	01-04	16-16	18-14	15-09	24-23	27-09	17-12	26-02	04-21	FEB
	# OBS	742	601	726	698	743	719	739	739	717	742	715	743	8624
1992	MEAN	21.0	21.1	21.9	23.0	24.5	27.5	28.7	28.4	28.0	25.7	23.9	22.5	25.0
	MAXIMUM	25.9	25.3	26.0	26.5	27.7	29.7	29.8	30.3	29.2	28.5	27.4	25.6	30.3
	DAY-HR	14-03	17-22	10-23	24-19	27-22	23-15	30-20	19-23	05-19	03-05	26-15	07-20	AUG
	MINIMUM	16.0	16.7	15.2	17.3	19.2	22.3	23.9	23.4	24.2	21.6	19.0	18.8	15.2
	DAY-HR	21-01	10-07	11-21	03-15	08-04	03-23	15-19	10-18	25-00	25-02	28-11	12-00	MAR
	# OBS	740	688	740	719	743	712	739	1458	714	737	713	740	9443
1993	MEAN	23.5	21.2	21.7	22.4	24.7	27.5	28.7	29.0	28.5	26.4	24.1	21.6	25.0
	MAXIMUM	27.0	26.4	26.3	26.4	27.4	30.5	31.0	31.1	29.9	28.8	27.8	26.3	31.1
	DAY-HR	08-15	11-21	31-17	15-16	03-22	29-18	19-15	01-18	14-15	08-23	14-16	23-08	AUG
	MINIMUM	18.0	16.3	13.1	18.3	21.5	24.9	22.3	23.5	23.8	16.8	16.8	17.2	13.1
	DAY-HR	27-11	19-21	13-15	23-08	23-05	01-09	02-13	24-14	29-16	31-23	01-05	27-00	MAR
	# OBS	730	670	735	713	740	718	741	742	718	742	714	743	8706
1994	MEAN	21.7	22.9	23.2	24.5	-	-	-	-	-	-	24.8	22.5	23.0
	MAXIMUM	26.2	26.4	27.2	27.1	-	-	-	-	-	-	27.8	26.0	27.8
	DAY-HR	29-23	12-19	28-20	16-22	-	-	-	-	-	-	10-15	11-02	NOV
	MINIMUM	16.6	15.6	16.5	18.4	-	-	-	-	-	-	21.2	17.6	15.6
	DAY-HR	05-16	02-14	11-15	02-07	-	-	-	-	-	-	24-11	25-02	FEB
	# OBS	743	658	742	476	-	-	-	-	-	-	228	251	3098
1995	MEAN	21.0	21.0	21.9	24.3	27.3	27.2	28.4	28.9	28.8	26.7	23.5	22.0	25.2
	MAXIMUM	26.3	25.6	26.1	27.4	28.8	29.0	31.4	31.7	30.8	29.4	28.6	26.6	31.7
	DAY-HR	07-10	18-23	30-22	23-22	19-22	30-23	22-14	19-16	19-23	03-22	03-16	09-15	AUG
	MINIMUM	16.4	13.8	14.9	19.5	24.3	21.1	23.6	24.8	24.1	21.5	17.7	16.1	13.8
	DAY-HR	24-21	09-12	09-16	26-06	05-02	25-22	13-01	17-09	08-23	21-22	13-01	25-04	FEB
	# OBS	491	660	735	716	736	710	736	736	713	736	707	736	8412

1996	MEAN	20.9	20.9	21.1	23.5	26.1	27.5	28.5	28.5	28.5	26.0	23.7	22.1	24.8
	MAXIMUM	26.5	25.4	26.0	26.9	28.7	31.1	30.5	30.2	30.2	29.2	27.0	25.6	31.1
	DAY-HR	01-23	02-23	30-22	29-16	28-23	23-14	12-19	03-23	06-21	01-18	07-15	01-19	JUN
	MINIMUM	12.7	11.3	12.6	18.4	20.4	23.0	24.4	24.1	24.7	21.2	19.6	13.6	11.3
	DAY-HR	08-14	05-03	09-13	16-18	01-03	08-20	04-22	21-06	15-17	20-09	27-20	20-03	FEB
	# OBS	732	686	732	735	735	711	833	779	710	733	695	741	8822
1997	MEAN	21.1	21.5	-	-	27.1	27.6	29.2	29.4	28.5	-	-	-	26.9
	MAXIMUM	24.7	23.0	-	-	28.3	30.4	31.4	31.2	30.6	-	-	-	31.4
	DAY-HR	08-21	05-22	-	-	26-23	17-00	28-14	12-21	04-23	-	-	-	JUL
	MINIMUM	13.9	19.1	-	-	23.7	22.1	25.3	24.4	26.3	-	-	-	13.9
	DAY-HR	19-00	01-05	-	-	31-02	03-13	05-22	30-08	02-16	-	-	-	JAN
	# OBS	670	78	-	-	142	703	719	736	95	-	-	-	3143
1998	MEAN	-	-	-	-	26.0	28.5	29.1	29.0	28.3	26.8	24.7	23.4	27.1
	MAXIMUM	-	-	-	-	28.0	30.2	31.0	30.8	29.8	29.0	26.7	25.9	31.0
	DAY-HR	-	-	-	-	31-23	13-14	06-23	15-23	01-20	03-22	03-18	07-16	JUL
	MINIMUM	-	-	-	-	23.1	25.8	23.7	24.1	24.7	23.5	20.9	18.3	18.3
	DAY-HR	-	-	-	-	30-18	24-18	02-00	22-13	16-12	23-11	07-12	31-00	DEC
	# OBS	-	-	-	-	405	693	731	786	705	735	718	739	5512
1999	MEAN	21.9	22.0	22.0	24.4	25.8	27.4	28.3	28.9	28.1	26.0	23.2	22.1	25.0
	MAXIMUM	26.6	26.1	25.7	27.1	28.8	29.5	30.3	30.6	30.5	28.5	26.7	26.4	30.6
	DAY-HR	03-00	08-23	14-12	15-20	28-00	28-22	12-23	30-16	05-23	02-17	01-18	13-17	AUG
	MINIMUM	13.9	14.9	16.7	18.3	19.2	23.4	24.3	24.1	23.9	20.4	18.5	16.6	13.9
	DAY-HR	06-08	23-00	15-12	17-17	01-10	01-00	20-19	04-13	23-10	25-03	03-16	26-08	JAN
	# OBS	740	659	719	720	743	719	740	739	713	736	713	733	8674
2000	MEAN	21.7	21.8	23.5	23.6	24.6	27.5	28.5	28.7	28.0	25.8	23.9	21.1	24.8
	MAXIMUM	25.8	26.2	26.3	27.7	25.5	29.5	30.8	30.9	30.3	29.4	27.2	27.5	30.9
	DAY-HR	11-14	16-21	30-22	16-21	04-15	23-19	26-15	30-18	15-15	06-16	09-21	12-17	AUG
	MINIMUM	15.2	15.6	18.8	17.6	23.4	22.6	23.2	25.6	24.5	20.7	17.8	13.9	13.9
	DAY-HR	27-02	06-06	13-00	09-15	03-18	16-08	03-16	13-00	15-20	09-23	22-02	20-12	DEC
	# OBS	733	685	738	710	104	364	742	743	717	739	716	743	7734
2001	MEAN	19.3	22.2	22.0	23.1	25.0	27.8	28.2	28.7	27.7	25.9	24.6	23.4	24.8
	MAXIMUM	25.5	25.4	26.3	26.7	27.8	29.1	30.6	31.5	31.7	28.7	26.6	27.1	31.7
	DAY-HR	31-22	16-20	03-21	15-23	31-21	25-14	18-17	16-20	06-23	13-22	25-21	11-16	SEP
	MINIMUM	14.3	18.1	18.0	17.5	22.4	22.7	23.4	25.3	22.7	20.4	21.3	17.2	14.3
	DAY-HR	10-08	03-20	28-03	19-01	01-01	23-21	01-17	02-22	27-17	28-17	21-05	27-02	JAN
	# OBS	743	671	741	716	743	718	744	744	686	743	717	740	8706
POR	MEAN	21.4	21.8	22.6	24.0	26.0	27.6	28.4	28.7	28.1	26.2	24.2	22.4	25.2
	MAXIMUM	27.0	27.6	29.1	28.7	29.8	31.4	31.4	32.0	32.0	31.3	29.2	27.9	32.0
	YEAR	1993	1986	1986	1984	1985	1985	1997	1990	1990	1985	1989	1985	SEP/1990
	MINIMUM	10.8	11.3	11.6	15.2	19.2	21.1	22.2	22.6	21.8	16.8	15.6	9.2	9.2
	YEAR	1981	1996	1980	1989	1999	1995	1978	1978	1983	1993	1976	1989	DEC/1989
	# OBS	13924	12112	12958	13044	12689	14386	14733	15387	14137	14769	14506	14912	167557

STATION: 42003 -- POR (11/1976 - 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
1976	MEAN	-	-	-	-	-	-	-	-	-	-	26.7	25.8	26.0
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	27.3	26.7	27.3
	DAY-HR	-	-	-	-	-	-	-	-	-	-	21-12	18-00	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	-	26.1	25.0	25.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	26-15	27-09	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	71	227	298
1977	MEAN	25.6	-	-	-	-	-	29.1	28.9	28.6	26.9	25.1	24.8	27.2
	MAXIMUM	26.4	-	-	-	-	-	32.1	30.7	30.4	30.4	26.6	27.0	32.1
	DAY-HR	08-21	-	-	-	-	-	31-00	01-21	25-21	02-21	04-09	21-09	JUL
	MINIMUM	24.8	-	-	-	-	-	27.3	26.9	26.8	25.0	23.7	22.5	22.5
	DAY-HR	03-09	-	-	-	-	-	23-18	29-12	04-15	25-09	20-03	18-15	DEC
	# OBS	59	-	-	-	-	-	189	289	315	244	236	245	1577
1978	MEAN	22.8	22.7	24.9	25.0	25.3	28.1	29.3	29.2	29.1	27.1	25.7	25.8	26.9
	MAXIMUM	26.9	25.3	25.9	26.7	28.5	30.0	31.8	31.4	31.4	28.9	26.9	27.6	31.8
	DAY-HR	01-00	28-15	15-21	20-01	31-21	26-21	04-21	19-20	13-22	06-18	29-21	10-00	JUL
	MINIMUM	19.2	19.0	23.3	20.9	20.5	25.7	28.2	27.6	27.7	25.4	24.9	23.2	19.0
	DAY-HR	13-06	11-06	10-12	29-05	01-14	21-12	26-14	28-12	26-09	21-15	26-00	30-06	FEB
	# OBS	246	217	247	609	332	239	467	685	657	696	239	240	4874
1979	MEAN	25.8	25.5	25.4	25.4	27.0	28.4	29.4	29.4	28.4	26.9	-	-	27.1
	MAXIMUM	26.4	26.4	26.1	26.6	28.3	30.1	30.9	30.7	29.8	28.2	-	-	30.9

	DAY-HR	20-21	16-21	14-18	15-00	14-22	30-21	17-21	02-21	08-18	04-18	-	-	JUL
	MINIMUM	23.6	24.9	24.8	24.9	25.1	27.4	28.7	28.9	26.2	26.1	-	-	23.6
	DAY-HR	04-12	14-09	17-22	09-06	01-03	23-18	28-12	29-15	24-12	30-18	-	-	JAN
	# OBS	245	224	292	233	217	227	286	224	156	51	-	-	2155
1980	MEAN	22.2	24.5	25.9	26.1	27.6	28.8	29.4	-	29.1	28.5	27.4	25.9	26.7
	MAXIMUM	25.7	26.1	26.7	27.3	29.1	30.9	30.1	-	31.4	29.7	28.5	26.9	31.4
	DAY-HR	31-23	28-19	29-22	30-22	25-20	19-01	04-20	-	15-20	20-21	04-19	11-12	SEP
	MINIMUM	21.6	21.3	25.1	25.6	26.1	27.8	28.9	-	28.3	27.8	26.3	24.7	21.3
	DAY-HR	30-17	20-18	04-07	22-16	03-13	05-11	01-14	-	18-02	22-03	24-14	31-11	FEB
	# OBS	462	691	742	711	744	719	93	-	442	744	720	740	6808
1981	MEAN	24.1	23.7	23.2	25.8	26.0	28.4	29.3	29.6	29.4	28.4	27.6	26.2	26.8
	MAXIMUM	25.9	25.7	25.3	28.2	28.6	31.5	31.5	31.6	31.9	30.0	28.4	27.3	31.9
	DAY-HR	03-20	21-22	15-21	30-21	28-21	19-21	31-21	01-23	01-20	18-20	05-19	01-22	SEP
	MINIMUM	20.9	20.6	21.2	23.8	24.7	26.5	27.3	28.5	27.8	27.7	27.0	25.0	20.6
	DAY-HR	12-14	03-15	06-03	28-07	01-13	01-14	22-15	20-03	30-10	02-09	25-12	27-22	FEB
	# OBS	734	670	739	719	742	718	743	742	713	723	720	736	8699
1982	MEAN	25.7	26.9	27.0	27.2	27.3	28.8	30.6	29.5	29.1	28.5	27.0	26.2	27.6
	MAXIMUM	26.9	27.9	27.9	29.1	30.4	32.1	33.2	32.6	31.3	29.6	27.8	27.0	33.2
	DAY-HR	31-23	20-20	22-19	27-20	27-19	30-20	08-22	15-20	10-20	09-20	03-20	01-01	JUL
	MINIMUM	25.2	26.1	26.0	26.4	25.7	27.0	29.1	28.5	28.0	27.5	26.5	25.2	25.2
	DAY-HR	26-12	07-19	11-23	04-14	21-12	04-12	18-12	30-10	26-02	31-06	29-14	30-11	DEC
	# OBS	740	671	742	717	741	720	466	387	716	744	717	741	8102
1983	MEAN	25.1	24.6	24.5	25.8	27.1	27.9	29.1	29.9	29.0	28.5	27.6	26.5	27.6
	MAXIMUM	25.8	25.3	25.7	26.7	28.9	29.9	31.1	31.5	30.1	30.6	28.9	27.3	31.5
	DAY-HR	02-23	27-15	07-00	09-00	24-18	30-17	25-01	16-00	01-22	06-18	04-20	04-21	AUG
	MINIMUM	24.5	23.0	20.1	22.5	25.8	26.5	28.0	28.3	28.1	27.8	26.9	22.6	20.1
	DAY-HR	30-12	20-03	18-03	04-12	07-09	21-11	03-14	31-11	15-12	31-23	30-23	30-10	MAR
	# OBS	659	224	248	238	248	687	727	700	699	742	716	596	6484
1984	MEAN	-	-	26.1	25.8	26.8	27.6	28.8	28.9	28.3	26.9	25.8	23.5	26.9
	MAXIMUM	-	-	27.0	29.3	28.8	30.9	30.8	30.5	30.1	28.1	28.8	25.4	30.9
	DAY-HR	-	-	26-22	13-23	28-21	27-21	15-22	24-23	10-20	01-00	03-20	02-00	JUN
	MINIMUM	-	-	25.3	24.4	25.9	25.8	27.4	27.5	26.9	26.3	23.6	22.3	22.3
	DAY-HR	-	-	31-14	18-12	31-13	01-09	06-13	04-04	27-14	20-15	23-08	07-13	DEC
	# OBS	-	-	239	719	741	720	742	743	717	743	716	743	6823
1985	MEAN	24.3	25.2	25.5	24.8	27.0	28.7	29.1	29.8	28.4	28.1	25.4	23.3	26.5
	MAXIMUM	25.7	26.9	27.1	27.3	29.8	31.3	32.0	32.5	30.3	30.3	27.4	25.6	32.5
	DAY-HR	29-22	27-22	12-21	16-21	04-23	07-23	19-23	19-22	27-20	04-21	07-21	01-00	AUG
	MINIMUM	21.5	24.0	24.4	22.3	25.2	27.0	28.6	28.2	26.9	24.2	21.4	21.4	21.4
	DAY-HR	06-09	14-12	19-08	19-13	08-13	01-12	06-14	17-13	26-20	31-17	24-15	26-15	DEC
	# OBS	743	670	741	717	744	720	743	559	404	738	715	741	8235
1986	MEAN	22.7	23.0	23.0	24.8	27.2	28.5	29.4	29.5	29.4	28.0	26.9	25.0	26.5
	MAXIMUM	24.9	25.2	25.5	26.8	28.3	31.0	31.9	31.8	31.3	30.9	28.1	26.5	31.9
	DAY-HR	25-22	20-20	24-22	30-22	20-22	12-22	22-23	16-22	07-21	14-20	19-21	01-10	JUL
	MINIMUM	21.1	21.8	20.7	22.3	26.4	27.2	28.4	28.1	28.8	26.1	26.2	23.7	20.7
	DAY-HR	28-09	28-23	02-03	02-13	11-15	03-13	18-17	21-20	01-13	19-21	30-10	28-06	MAR
	# OBS	738	668	740	698	742	720	743	744	718	743	719	743	8716
1987	MEAN	23.2	25.7	25.9	25.9	27.5	28.4	29.7	30.3	30.3	27.7	25.1	23.2	27.5
	MAXIMUM	25.1	26.3	26.3	28.1	29.2	31.2	32.3	32.2	32.9	29.6	26.7	23.8	32.9
	DAY-HR	02-01	28-21	01-08	29-22	12-21	24-20	13-22	16-21	20-21	01-04	27-21	02-15	SEP
	MINIMUM	21.7	23.6	25.5	22.9	26.2	27.3	28.7	29.3	29.3	26.2	23.7	22.8	21.7
	DAY-HR	31-10	04-11	07-11	26-08	05-08	02-12	01-14	12-14	30-13	23-12	30-21	02-03	JAN
	# OBS	739	672	156	320	741	720	588	604	682	483	238	22	5965
1988	MEAN	-	-	-	-	26.2	26.9	29.2	29.6	28.7	28.0	26.1	26.1	27.8
	MAXIMUM	-	-	-	-	26.6	31.3	31.2	32.1	30.0	29.7	28.1	26.8	32.1
	DAY-HR	-	-	-	-	29-22	30-22	26-21	27-18	25-20	02-21	18-00	12-19	AUG
	MINIMUM	-	-	-	-	25.9	25.8	27.6	28.9	28.1	26.6	23.7	23.5	23.5
	DAY-HR	-	-	-	-	30-17	14-08	08-17	04-16	18-13	31-23	30-18	03-06	DEC
	# OBS	-	-	-	-	126	718	743	740	717	744	716	740	5244
1989	MEAN	24.2	22.9	23.7	24.3	25.9	27.7	29.1	29.2	28.7	27.3	26.0	25.9	26.3
	MAXIMUM	26.6	25.3	25.6	27.0	28.4	30.3	31.9	31.3	31.6	30.0	28.1	27.5	31.9
	DAY-HR	01-21	07-22	12-19	05-21	29-22	19-21	02-21	17-20	01-21	08-19	28-23	01-01	JUL
	MINIMUM	22.9	21.4	21.6	22.7	24.5	27.4	28.1	28.1	27.3	25.0	25.0	23.0	21.4
	DAY-HR	06-11	28-14	03-10	14-19	12-15	27-13	26-15	25-15	25-14	31-23	21-15	16-04	FEB
	# OBS	743	668	733	706	729	702	737	736	709	735	716	738	8652
1990	MEAN	25.9	25.5	25.2	25.7	26.8	28.7	29.0	30.0	29.6	28.0	25.2	24.0	27.0
	MAXIMUM	26.6	26.1	26.0	26.8	29.7	31.3	31.9	33.1	32.8	30.0	26.6	25.1	33.1
	DAY-HR	22-00	25-23	29-23	28-20	27-22	04-22	23-21	08-21	17-21	01-22	05-19	31-23	AUG
	MINIMUM	25.1	25.0	24.6	25.0	25.8	27.6	27.7	29.0	28.4	26.1	24.5	23.4	23.4
	DAY-HR	27-14	27-14	26-07	06-11	10-14	01-14	15-18	02-13	30-14	31-23	30-11	06-15	DEC
	# OBS	744	671	724	704	733	711	741	744	718	740	720	744	8694
1991	MEAN	24.6	25.7	25.7	26.0	27.3	28.3	29.4	29.6	28.9	28.2	26.9	26.3	27.3
	MAXIMUM	25.8	26.5	26.9	28.4	28.2	31.2	32.0	31.6	29.7	29.0	28.2	26.9	32.0

	DAY-HR	31-08	06-21	14-20	17-22	31-20	17-01	27-19	15-22	22-20	06-20	02-07	14-22	JUL
	MINIMUM	23.0	23.7	25.1	25.3	26.8	26.9	28.2	28.1	27.7	27.4	26.1	25.3	23.0
	DAY-HR	15-16	09-17	12-10	08-13	23-15	11-09	06-13	01-15	29-19	24-21	30-07	29-10	JAN
	# OBS	742	588	716	696	743	718	739	739	717	742	716	743	8599
1992	MEAN	25.5	22.8	24.9	26.1	26.4	28.5	29.3	29.6	28.9	27.4	25.8	24.3	26.9
	MAXIMUM	26.6	25.8	26.2	28.1	29.9	32.3	31.6	32.0	29.9	28.5	27.7	26.8	32.3
	DAY-HR	05-19	05-02	16-18	24-21	25-21	11-20	31-21	20-00	16-21	17-21	01-01	31-12	JUN
	MINIMUM	24.5	21.2	21.5	25.3	25.4	26.6	28.3	28.6	28.3	25.6	24.7	23.2	21.2
	DAY-HR	29-12	13-11	05-07	30-12	10-13	05-02	14-13	27-13	30-15	25-05	18-05	16-15	FEB
	# OBS	740	688	740	719	743	712	739	1452	711	738	712	739	9433
1993	MEAN	26.6	25.8	25.3	25.9	25.9	27.9	29.6	30.1	29.5	27.9	26.7	25.9	27.3
	MAXIMUM	27.1	26.2	26.6	26.9	27.3	31.3	32.0	32.2	31.4	29.5	28.8	27.7	32.2
	DAY-HR	13-14	14-20	10-22	26-23	07-22	29-21	24-20	02-01	10-19	07-21	19-20	10-19	AUG
	MINIMUM	25.2	25.2	24.4	24.8	24.6	25.7	28.5	28.9	27.9	26.4	23.8	23.3	23.3
	DAY-HR	25-11	28-14	25-10	10-04	15-12	01-14	05-12	18-12	30-08	31-23	30-01	19-13	DEC
	# OBS	730	670	735	712	739	716	740	742	718	742	714	743	8701
1994	MEAN	25.9	25.9	25.8	26.6	27.6	28.6	29.2	29.3	-	-	-	-	27.4
	MAXIMUM	26.9	27.2	26.8	27.9	29.2	30.3	31.9	32.1	-	-	-	-	32.1
	DAY-HR	02-20	13-20	19-22	03-21	09-22	28-22	21-21	22-22	-	-	-	-	AUG
	MINIMUM	25.1	24.9	24.8	25.4	25.8	26.0	28.5	28.3	-	-	-	-	24.8
	DAY-HR	26-00	03-12	15-09	10-03	02-11	05-09	12-14	15-14	-	-	-	-	MAR
	# OBS	743	656	741	720	738	717	732	730	-	-	-	-	5777
1995	MEAN	25.9	24.5	22.8	26.8	28.2	28.8	29.8	29.9	30.0	28.0	27.4	26.9	27.5
	MAXIMUM	26.4	26.5	26.5	27.6	29.6	31.3	32.5	32.9	32.1	29.5	28.3	27.9	32.9
	DAY-HR	26-02	18-23	24-21	24-02	16-18	30-20	26-20	19-19	03-19	02-22	18-00	05-21	AUG
	MINIMUM	25.3	21.0	20.9	24.8	26.6	28.0	29.1	28.4	28.9	26.7	25.7	25.7	20.9
	DAY-HR	31-22	26-15	12-15	08-06	01-12	05-08	14-13	05-06	30-21	21-12	12-17	30-07	MAR
	# OBS	256	660	735	716	736	710	736	736	713	736	707	736	8177
1996	MEAN	25.4	24.6	25.2	26.2	27.4	28.6	29.5	29.8	29.9	27.9	26.0	25.0	27.2
	MAXIMUM	26.5	25.3	26.5	28.2	29.5	32.4	33.0	32.6	32.1	29.9	27.7	26.5	33.0
	DAY-HR	04-19	29-21	31-20	24-20	31-22	26-22	12-21	02-23	03-22	01-02	02-18	07-21	JUL
	MINIMUM	24.8	24.2	24.1	21.7	26.2	27.4	28.4	28.8	28.9	26.8	24.9	23.3	21.7
	DAY-HR	30-14	20-12	09-07	08-21	03-05	03-14	06-09	22-00	15-20	30-14	16-12	27-06	APR
	# OBS	732	686	732	735	735	711	833	779	710	733	695	741	8822
1997	MEAN	23.2	22.5	-	-	28.5	28.8	30.1	30.3	29.3	27.9	27.7	27.0	28.0
	MAXIMUM	24.5	22.9	-	-	29.3	30.4	32.8	32.4	30.3	29.9	28.3	27.9	32.8
	DAY-HR	07-21	05-22	-	-	27-22	15-20	24-20	10-20	26-20	02-19	23-20	04-19	JUL
	MINIMUM	22.2	22.3	-	-	27.8	27.5	28.8	29.1	28.5	26.5	27.1	26.0	22.2
	DAY-HR	19-11	04-14	-	-	26-05	02-13	20-13	30-09	30-23	23-13	16-14	31-13	JAN
	# OBS	670	78	-	-	142	717	719	736	715	733	702	738	5950
1998	MEAN	25.8	24.9	24.2	25.5	26.4	29.3	30.1	30.2	29.0	28.1	26.4	25.9	27.2
	MAXIMUM	26.6	25.7	25.6	26.9	30.2	31.5	33.4	33.2	30.0	30.2	27.8	27.3	33.4
	DAY-HR	23-03	03-03	02-20	10-22	19-22	13-21	09-20	14-21	05-21	03-21	03-19	28-22	JUL
	MINIMUM	25.3	24.4	22.2	23.7	24.0	27.0	28.7	28.7	22.9	26.2	25.3	24.4	22.2
	DAY-HR	30-16	26-05	25-05	26-07	04-12	01-09	23-12	07-12	29-11	30-06	14-12	20-12	MAR
	# OBS	710	664	714	692	736	693	731	786	705	735	718	739	8623
1999	MEAN	25.0	26.2	25.2	26.5	27.7	28.6	29.5	30.3	29.5	27.7	25.9	26.3	27.4
	MAXIMUM	27.3	27.7	26.6	27.8	30.8	30.9	32.8	33.6	31.7	29.5	27.3	27.0	33.6
	DAY-HR	01-20	08-22	11-20	29-18	27-20	28-22	28-21	30-20	06-20	01-22	21-20	10-21	AUG
	MINIMUM	22.6	25.4	22.4	23.7	25.5	27.4	28.9	29.2	27.9	26.0	24.4	25.5	22.4
	DAY-HR	25-09	25-13	28-08	01-07	12-15	04-13	24-11	02-12	24-12	31-08	23-09	31-10	MAR
	# OBS	740	659	720	720	743	719	740	739	713	736	713	733	8675
2000	MEAN	25.5	24.9	25.7	26.2	26.6	28.8	29.5	29.4	29.3	27.9	26.9	26.1	27.3
	MAXIMUM	26.3	26.3	27.7	29.1	26.9	31.1	32.0	30.8	30.8	30.5	27.3	27.1	32.0
	DAY-HR	18-19	29-21	28-21	17-21	05-00	25-01	26-21	30-20	26-21	06-21	04-21	16-00	JUL
	MINIMUM	24.6	24.4	24.8	24.8	26.1	27.5	28.2	28.6	28.6	27.1	25.7	24.1	24.1
	DAY-HR	31-23	09-07	09-13	28-11	01-06	16-18	03-18	20-13	22-14	31-16	29-11	31-23	DEC
	# OBS	733	685	738	710	104	364	742	743	717	739	716	744	7735
2001	MEAN	23.6	24.1	24.6	24.1	27.1	28.6	29.4	29.6	29.5	28.3	27.0	26.2	26.8
	MAXIMUM	25.7	26.3	26.3	26.2	29.4	32.0	31.8	32.8	31.8	29.6	27.7	26.8	32.8
	DAY-HR	02-11	28-21	01-22	14-23	16-23	25-20	18-21	16-22	06-23	07-19	20-21	11-18	AUG
	MINIMUM	21.4	21.6	22.4	22.4	25.8	27.2	28.2	27.9	28.0	27.3	26.5	24.4	21.4
	DAY-HR	08-14	20-07	29-00	02-07	01-17	01-16	27-13	06-02	27-20	31-23	30-14	30-22	JAN
	# OBS	743	671	741	716	743	718	744	744	684	743	717	740	8704
POR	MEAN	24.7	24.8	24.9	25.8	27.0	28.4	29.4	29.7	29.2	27.9	26.5	25.6	27.1
	MAXIMUM	27.3	27.9	27.9	29.3	30.8	32.4	33.4	33.6	32.9	30.9	28.9	27.9	33.6
	YEAR	1999	1982	1982	1984	1999	1996	1998	1999	1987	1986	1983	1997	AUG/1999
	MINIMUM	19.2	19.0	20.1	20.9	20.5	25.7	27.3	26.9	22.2	25.0	23.6	21.4	19.0
	YEAR	1978	1978	1983	1978	1978	1993	1981	1977	1985	1989	1984	1985	FEB/1978
	# OBS	14391	12751	13655	14227	14482	15816	16203	16823	15466	16247	15069	15392	180522

STATION: 42003 -- POR (6/2000 - 12/2001)

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
2000	MEAN	-	-	-	-	-	22.4	22.9	23.0	23.0	18.3	17.0	14.8	20.0
	MAXIMUM	-	-	-	-	-	24.3	26.0	26.4	25.1	25.1	23.3	22.7	26.4
	DAY-HR	-	-	-	-	-	18-22	20-09	30-06	23-05	06-00	25-09	14-13	AUG
	MINIMUM	-	-	-	-	-	19.3	19.5	18.6	18.8	11.7	8.0	4.0	4.0
	DAY-HR	-	-	-	-	-	27-02	03-06	18-16	16-18	10-13	21-14	31-07	DEC
	# OBS	-	-	-	-	-	359	742	743	717	739	716	744	4760
2001	MEAN	12.8	18.5	16.6	18.7	18.8	23.1	23.2	23.1	22.3	19.9	17.3	17.2	19.3
	MAXIMUM	22.6	22.7	23.4	23.5	23.6	25.0	25.2	25.1	24.5	24.6	22.0	22.8	25.2
	DAY-HR	31-23	01-00	13-17	14-01	29-04	13-17	25-05	07-02	11-18	14-12	03-07	14-18	JUL
	MINIMUM	4.4	9.2	7.7	7.4	13.6	19.4	19.9	20.4	16.8	10.0	10.2	4.8	4.4
	DAY-HR	23-14	06-08	21-16	19-09	07-16	25-08	24-19	28-10	30-23	28-03	06-11	26-22	JAN
	# OBS	743	671	741	716	743	718	744	744	686	743	717	740	8706
POR	MEAN	12.8	18.5	16.6	18.7	18.8	22.8	23.0	23.0	22.6	19.1	17.2	16.0	19.5
	MAXIMUM	22.6	22.7	23.4	23.5	23.6	25.0	26.0	26.4	25.1	25.1	23.3	22.8	26.4
	YEAR	2001	2001	2001	2001	2001	2001	2000	2000	2000	2000	2000	2001	AUG/2000
	MINIMUM	4.4	9.2	7.7	7.4	13.6	19.3	19.5	18.6	16.8	10.0	8.0	4.0	4.0
	YEAR	2001	2001	2001	2001	2001	2000	2000	2000	2001	2000	2000	2000	DEC/2000
	# OBS	743	671	741	716	743	1077	1486	1487	1403	1482	1433	1484	13466

STATION: 42003 -- POR (11/1976 - 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
1976	MEAN	-	-	-	-	-	-	-	-	-	-	1017.1	1017.7	1017.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	1026.3	1028.4	1028.4
	DAY-HR	-	-	-	-	-	-	-	-	-	-	23-15	09-15	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	1002.9	1005.5	1002.9
	DAY-HR	-	-	-	-	-	-	-	-	-	-	26-21	26-09	NOV
	# OBS	-	-	-	-	-	-	-	-	-	-	73	227	300
1977	MEAN	1015.0	-	-	-	-	-	1017.9	1016.2	1014.6	1016.6	1016.8	1017.9	1016.5
	MAXIMUM	1019.3	-	-	-	-	-	1021.3	1021.2	1019.8	1022.0	1027.1	1028.8	1028.8
	DAY-HR	02-15	-	-	-	-	-	10-18	16-15	17-03	15-15	12-15	23-03	DEC
	MINIMUM	1004.4	-	-	-	-	-	1014.0	1011.2	1009.3	1011.8	1009.7	1008.4	1004.4
	DAY-HR	09-21	-	-	-	-	-	26-09	31-09	03-07	09-21	02-09	05-21	JAN
	# OBS	50	-	-	-	-	-	193	290	318	244	238	250	1583
1978	MEAN	1019.9	1017.6	1017.7	1015.8	1013.4	1017.0	1017.8	1017.6	1015.6	1016.1	1018.5	1018.5	1016.8
	MAXIMUM	1029.2	1028.3	1031.5	1025.4	1021.1	1020.8	1022.2	1021.4	1020.0	1021.9	1022.5	1027.6	1031.5
	DAY-HR	11-15	22-15	18-15	04-17	11-15	17-18	25-04	15-15	23-16	18-16	19-15	12-15	MAR
	MINIMUM	1004.5	1005.8	1004.3	1010.0	1002.2	1013.6	1011.7	1014.3	1011.9	1010.9	1011.9	1009.2	1002.2
	DAY-HR	25-21	08-21	03-12	26-09	04-09	01-09	17-09	25-09	16-22	26-10	26-21	24-12	MAY
	# OBS	247	227	247	613	336	241	468	684	654	696	239	240	4892
1979	MEAN	1018.2	1020.1	1019.6	1015.8	1015.3	1017.2	1016.8	1016.7	1007.8	1015.6	-	-	1016.8
	MAXIMUM	1034.7	1027.5	1026.7	1023.5	1020.6	1021.9	1021.5	1021.7	1016.1	1018.8	-	-	1034.7
	DAY-HR	03-15	10-15	17-17	07-03	18-15	20-15	06-15	09-18	25-15	07-18	-	-	JAN
	MINIMUM	1000.9	1008.5	1007.4	1007.0	1008.8	1012.1	1009.3	1009.9	959.3	1012.5	-	-	959.3
	DAY-HR	21-00	06-21	24-09	25-09	08-09	06-00	22-09	29-09	12-02	24-06	-	-	SEP
	# OBS	245	224	290	233	217	227	286	224	156	51	-	-	2153
1980	MEAN	1017.5	1019.5	1016.7	1015.7	1014.5	1017.7	1017.6	-	1015.1	1015.6	1016.7	1020.0	1016.9
	MAXIMUM	1024.6	1027.7	1028.5	1023.8	1018.7	1020.9	1020.1	-	1019.7	1021.9	1025.5	1026.1	1028.5
	DAY-HR	20-16	27-16	03-16	16-16	18-18	17-16	04-16	-	19-16	26-16	30-16	21-16	MAR
	MINIMUM	1007.6	1009.0	1004.8	1005.6	1008.2	1012.6	1015.1	-	1010.3	1008.7	1007.5	1007.8	1004.8
	DAY-HR	23-10	16-21	30-09	13-21	26-11	10-10	02-08	-	30-22	01-09	11-08	16-20	MAR
	# OBS	462	691	742	711	744	719	93	-	442	744	720	740	6808
1981	MEAN	1020.0	1020.0	1016.1	1019.3	1013.7	1015.6	1017.0	1015.1	1015.4	1016.5	1017.4	1018.2	1017.0
	MAXIMUM	1029.9	1031.1	1025.0	1027.0	1018.3	1019.5	1021.2	1020.7	1020.7	1023.4	1022.3	1027.5	1031.1
	DAY-HR	18-15	12-16	10-16	16-16	13-15	29-18	27-16	01-16	25-15	20-16	09-15	20-16	FEB
	MINIMUM	1009.9	1008.7	1004.8	1011.7	1005.9	1012.1	1013.2	1008.8	1011.5	1010.9	1011.1	1010.2	1004.8
	DAY-HR	20-20	10-21	19-00	25-00	06-21	08-08	22-09	17-22	02-00	25-09	30-22	01-20	MAR
	# OBS	727	670	739	718	742	718	743	742	715	723	719	736	8692
1982	MEAN	1019.3	1018.7	1017.0	1016.2	1015.5	1015.1	1017.9	1016.8	1014.0	1015.6	1018.2	1018.6	1016.9

	MAXIMUM	1025.7	1025.3	1029.1	1021.9	1019.9	1020.0	1021.6	1021.1	1019.3	1023.8	1024.8	1024.1	1029.1
	DAY-HR	11-16	07-16	09-16	22-16	05-16	28-05	02-16	20-16	13-16	26-16	26-15	09-04	MAR
	MINIMUM	1001.8	1009.2	1006.2	1009.4	1009.9	1005.3	1014.9	1011.8	1007.0	1007.7	1009.1	1009.7	1001.8
	DAY-HR	14-08	17-09	07-00	10-23	25-23	18-00	20-08	18-09	25-23	02-22	03-23	12-10	JAN
	# OBS	740	671	742	717	741	720	466	387	718	744	717	741	8104
1983	MEAN	1017.8	1013.5	1011.9	1013.9	1015.3	1014.1	1017.7	1017.1	1016.6	1016.7	1016.1	1018.1	1016.3
	MAXIMUM	1027.4	1024.0	1022.4	1020.8	1019.5	1018.4	1020.7	1021.5	1020.4	1024.8	1022.8	1030.6	1030.6
	DAY-HR	13-16	04-15	29-15	11-15	07-03	30-17	19-18	24-16	25-16	29-16	01-16	30-17	DEC
	MINIMUM	1005.0	1001.0	988.0	1005.0	1005.8	1008.7	1013.6	1010.4	1009.8	1011.3	1008.0	1005.1	988.0
	DAY-HR	20-22	17-00	17-09	23-21	30-12	01-00	29-09	31-23	02-10	23-21	20-11	14-10	MAR
	# OBS	658	224	248	238	248	687	743	742	699	742	716	595	6540
1984	MEAN	-	-	1011.7	1013.8	1016.1	1016.5	1016.6	1016.7	1014.7	1017.6	1018.3	1021.1	1016.7
	MAXIMUM	-	-	1019.6	1020.3	1021.9	1020.1	1021.7	1020.8	1020.1	1022.4	1026.5	1028.7	1028.7
	DAY-HR	-	-	31-16	30-18	18-17	07-15	14-16	06-03	08-16	07-15	14-15	07-16	DEC
	MINIMUM	-	-	998.5	1007.1	1007.5	1011.3	1012.7	1010.9	1006.3	1011.4	1008.9	1014.1	998.5
	DAY-HR	-	-	28-19	11-22	03-22	27-09	31-10	19-21	20-22	14-21	03-22	13-09	MAR
	# OBS	-	-	239	719	741	720	742	743	717	743	716	743	6823
1985	MEAN	1019.5	1019.9	1018.4	1016.9	1014.3	1016.2	1017.1	1015.7	1015.3	1014.2	1016.3	1021.0	1017.2
	MAXIMUM	1029.0	1026.1	1025.8	1023.5	1019.2	1020.4	1022.8	1018.2	1019.5	1022.1	1022.9	1029.7	1029.7
	DAY-HR	22-16	18-16	08-16	09-16	06-16	18-04	02-16	05-17	28-16	18-15	09-15	26-15	DEC
	MINIMUM	1011.6	1010.6	1007.5	1011.9	1008.3	1012.8	1010.5	1012.3	1011.3	998.5	957.1	1012.2	957.1
	DAY-HR	18-21	01-21	21-09	15-22	18-00	15-09	22-09	12-09	27-00	31-10	20-18	24-21	NOV
	# OBS	743	670	741	717	744	720	743	559	397	738	713	738	8223
1986	MEAN	1020.6	1017.0	1019.2	1017.1	1014.4	1015.4	1018.8	1016.1	1017.3	1017.2	1017.0	1018.1	1017.4
	MAXIMUM	1028.7	1028.1	1031.6	1023.0	1019.8	1021.6	1023.1	1019.8	1021.6	1021.8	1022.6	1025.7	1031.6
	DAY-HR	16-15	13-16	24-16	24-16	02-16	27-16	07-16	23-04	20-15	21-17	01-15	13-16	MAR
	MINIMUM	1011.2	1009.4	1006.9	1009.5	1009.2	1007.4	1013.1	1011.2	1012.4	1012.6	1008.2	1003.1	1003.1
	DAY-HR	10-21	27-21	14-08	13-08	31-23	01-23	30-09	19-23	01-09	25-20	30-20	31-23	DEC
	# OBS	737	668	740	697	742	720	743	744	718	743	719	743	8714
1987	MEAN	1017.8	1015.7	1017.0	1017.2	1016.3	1016.3	1017.6	1017.5	1014.7	1016.1	1017.1	1017.3	1016.6
	MAXIMUM	1027.0	1028.1	1022.3	1021.0	1019.1	1020.5	1020.7	1021.8	1019.3	1023.9	1024.7	1023.1	1028.1
	DAY-HR	28-16	10-16	05-04	28-16	28-15	08-16	21-16	26-16	14-16	31-15	21-15	03-15	FEB
	MINIMUM	1001.7	1003.0	1006.5	1013.7	1012.2	1012.5	1014.9	1012.4	1005.8	1007.2	1006.7	1011.2	1001.7
	DAY-HR	22-08	16-09	07-11	23-22	03-01	22-11	19-09	13-10	30-20	12-09	04-21	01-00	JAN
	# OBS	739	672	156	313	741	720	588	604	682	483	238	22	5958
1988	MEAN	-	-	-	-	1015.0	1015.2	1018.0	1015.2	1014.2	1017.2	1016.4	1021.8	1016.8
	MAXIMUM	-	-	-	-	1018.8	1021.2	1022.6	1019.6	1021.0	1023.5	1024.1	1028.3	1028.3
	DAY-HR	-	-	-	-	28-15	15-17	29-17	02-20	21-16	14-03	29-16	03-16	DEC
	MINIMUM	-	-	-	-	1011.9	1008.8	1011.1	1009.6	1005.9	1011.2	999.7	1011.6	999.7
	DAY-HR	-	-	-	-	31-23	04-08	01-08	31-09	05-10	03-20	22-16	11-21	NOV
	# OBS	-	-	-	-	126	718	743	740	718	744	715	741	5245
1989	MEAN	1021.0	1022.3	1017.4	1016.8	1016.8	1016.6	1017.6	1015.2	1012.9	1016.8	1017.5	1019.2	1017.5
	MAXIMUM	1025.8	1031.5	1024.3	1022.7	1022.2	1021.4	1021.5	1019.5	1016.5	1025.7	1024.3	1029.9	1031.5
	DAY-HR	11-16	09-16	11-16	06-16	27-16	01-16	11-15	02-16	01-16	22-15	19-16	24-16	FEB
	MINIMUM	1012.7	1010.3	1008.0	1011.0	1010.2	1011.1	1013.3	1010.4	1006.6	1011.3	1009.4	1008.5	1006.6
	DAY-HR	21-20	21-23	03-08	21-08	01-10	08-11	20-23	08-10	25-00	01-10	08-20	12-21	SEP
	# OBS	743	669	736	709	735	705	738	735	708	736	716	738	8668
1990	MEAN	1020.2	1020.3	1020.2	1017.5	1017.5	1016.6	1017.8	1017.6	1016.0	1015.8	1019.2	1020.8	1018.4
	MAXIMUM	1027.4	1031.9	1026.7	1024.7	1019.7	1021.2	1022.0	1021.9	1020.2	1023.4	1026.6	1027.8	1031.9
	DAY-HR	13-16	26-17	21-16	20-03	04-15	30-17	09-17	02-16	02-16	30-16	12-15	09-16	FEB
	MINIMUM	1013.2	1009.7	1012.4	1010.0	1015.6	1012.5	1012.7	1012.7	1011.9	1004.1	1009.3	1011.7	1004.1
	DAY-HR	07-23	10-21	17-10	28-03	05-11	19-23	30-00	31-09	16-10	10-22	09-20	18-21	OCT
	# OBS	744	671	729	704	115	385	740	744	718	740	720	744	7754
1991	MEAN	1019.3	1019.8	1014.1	1015.2	1014.6	1016.0	1017.8	1017.6	1016.5	1015.6	1019.6	1021.0	1017.2
	MAXIMUM	1025.2	1029.1	1024.7	1025.1	1020.4	1020.6	1022.0	1021.3	1020.6	1022.0	1025.8	1031.3	1031.3
	DAY-HR	01-16	16-16	10-17	01-17	11-16	28-17	22-17	07-16	07-17	18-15	25-15	20-16	DEC
	MINIMUM	1009.8	1008.0	998.0	1006.8	1004.6	1011.0	1012.5	1011.3	1009.0	1008.8	1013.7	1012.6	998.0
	DAY-HR	15-21	14-19	03-08	23-10	22-02	05-01	01-00	31-00	25-22	02-10	21-21	03-21	MAR
	# OBS	742	595	717	699	743	719	739	739	717	742	716	743	8611
1992	MEAN	1018.4	1017.0	1017.8	1016.2	1016.6	1013.5	1018.9	1017.5	1015.7	1016.3	1017.1	1020.6	1017.2
	MAXIMUM	1027.7	1024.7	1026.2	1021.9	1023.1	1018.2	1022.6	1021.0	1020.6	1026.0	1025.7	1026.5	1027.7
	DAY-HR	25-15	12-16	02-17	27-15	02-16	17-17	25-16	01-16	06-17	22-17	30-15	28-16	JAN
	MINIMUM	1009.6	999.4	1009.6	1007.5	1010.6	1008.3	1015.0	997.4	1010.1	1002.8	1010.6	1014.1	997.4
	DAY-HR	13-22	06-00	23-09	20-22	28-22	25-23	01-00	25-04	25-10	02-23	24-09	10-11	AUG
	# OBS	740	688	740	719	743	712	740	1454	713	738	714	740	9441
1993	MEAN	1018.2	1018.0	1017.5	1015.3	1013.6	1015.9	1017.8	1017.1	1016.2	1015.2	1019.1	1019.2	1016.9
	MAXIMUM	1025.3	1025.2	1031.1	1021.8	1018.2	1020.0	1021.7	1022.0	1020.5	1020.3	1027.1	1030.3	1031.1
	DAY-HR	31-04	19-16	15-16	23-16	06-17	30-16	10-16	05-04	23-15	31-23	02-16	27-16	MAR
	MINIMUM	1008.2	1010.0	999.6	1005.7	1005.6	1005.8	1013.9	1011.3	1011.6	1006.0	1012.2	1006.9	999.6
	DAY-HR	26-21	22-22	13-05	15-09	31-23	01-00	27-23	31-23	01-00	30-19	25-09	14-11	MAR
	# OBS	731	670	735	713	739	717	739	742	718	742	716	743	8705
1994	MEAN	1020.4	1019.6	1017.2	1018.0	1015.6	1017.2	1018.6	1017.3	-	-	1016.5	1018.8	1018.0



	MAXIMUM	1029.3	1028.3	1027.4	1025.1	1021.4	1020.7	1023.1	1020.9	-	-	1025.4	1024.2	1029.3
	DAY-HR	21-16	03-16	12-16	02-16	06-16	26-18	16-17	24-17	-	-	24-14	01-15	JAN
	MINIMUM	1008.4	1010.6	1006.6	1011.9	1006.5	1013.7	1010.3	1014.1	-	-	1006.8	1010.7	1006.5
	DAY-HR	13-20	23-23	02-08	06-09	19-23	19-09	02-22	16-08	-	-	16-10	22-23	MAY
	# OBS	743	658	741	720	738	718	730	730	-	-	229	249	6256
1995	MEAN	1018.5	1018.6	1015.9	1012.7	1013.5	1013.2	1015.0	1011.9	1012.5	1011.4	1017.5	1017.6	1014.7
	MAXIMUM	1027.3	1027.4	1026.8	1020.0	1017.6	1017.9	1019.7	1016.4	1017.6	1019.6	1024.1	1026.2	1027.4
	DAY-HR	25-15	09-16	10-17	03-15	29-14	09-14	06-05	08-17	14-15	29-16	16-16	11-16	FEB
	MINIMUM	1005.5	1006.9	1008.2	1004.9	1008.4	992.3	1009.1	1005.9	1007.7	992.8	1011.8	1006.6	992.3
	DAY-HR	13-22	12-00	08-13	06-02	20-09	04-16	28-22	24-23	08-09	04-12	14-21	19-10	JUN
	# OBS	491	660	735	716	736	710	736	736	713	736	707	736	8412
1996	MEAN	1017.4	1018.1	1016.4	1015.7	1015.7	1015.1	1016.2	1016.7	1013.1	1014.1	1018.5	1019.0	1016.3
	MAXIMUM	1026.1	1034.2	1028.8	1021.7	1021.0	1018.8	1021.4	1019.8	1017.1	1023.3	1029.2	1027.8	1034.2
	DAY-HR	09-16	05-16	10-04	11-16	09-17	05-16	29-04	24-16	27-17	27-15	12-16	21-16	FEB
	MINIMUM	1002.6	1008.7	1003.7	1008.7	1005.5	1011.1	1010.3	1010.1	1008.8	995.5	1011.8	1010.8	995.5
	DAY-HR	01-21	03-00	18-22	01-00	22-00	18-10	04-09	31-23	05-08	07-18	20-21	18-20	OCT
	# OBS	732	686	732	735	735	711	833	779	709	733	695	741	8821
1997	MEAN	1018.9	1018.7	-	-	1014.7	1013.5	1016.5	1016.3	1013.5	1015.1	1015.7	1014.4	1015.5
	MAXIMUM	1028.8	1021.1	-	-	1017.2	1020.4	1020.9	1020.9	1018.3	1021.0	1026.1	1027.1	1028.8
	DAY-HR	18-16	05-17	-	-	30-04	19-17	08-04	17-18	14-17	20-16	17-15	31-23	JAN
	MINIMUM	1008.5	1017.3	-	-	1010.4	1005.9	1012.1	1011.1	1006.7	1008.8	1002.3	1006.4	1002.3
	DAY-HR	09-10	03-23	-	-	31-23	06-10	03-08	30-23	26-21	31-23	13-21	27-11	NOV
	# OBS	670	78	-	-	142	717	719	736	715	733	702	736	5948
1998	MEAN	1016.0	1011.4	1016.8	1014.8	1014.2	1016.0	1016.8	1014.8	1010.1	1015.9	1017.1	1019.1	1015.3
	MAXIMUM	1032.4	1021.5	1029.5	1022.2	1019.9	1020.5	1020.0	1020.9	1016.4	1021.0	1023.9	1024.3	1032.4
	DAY-HR	01-16	24-17	13-17	12-17	20-17	10-16	03-17	09-16	05-16	24-15	12-15	16-16	JAN
	MINIMUM	1004.4	996.1	1001.4	1008.3	1008.2	1010.0	1011.6	1008.8	983.2	1010.8	1001.4	1010.5	983.2
	DAY-HR	07-21	03-11	08-22	09-08	11-09	15-09	14-09	26-00	26-18	01-00	05-00	29-20	SEP
	# OBS	710	663	715	692	735	693	731	786	705	735	718	739	8622
1999	MEAN	1019.1	1019.0	1016.7	1016.0	1015.1	1015.4	1017.3	1013.8	1011.4	1014.7	1018.0	1019.3	1016.3
	MAXIMUM	1030.5	1026.7	1021.7	1026.0	1019.2	1019.0	1021.8	1020.1	1017.0	1021.7	1026.8	1028.8	1030.5
	DAY-HR	05-16	13-16	16-16	18-16	30-16	03-14	21-17	17-03	29-04	28-16	05-16	01-16	JAN
	MINIMUM	1006.3	1009.7	1004.6	1008.0	1009.6	1012.0	1011.5	1009.2	1001.6	1007.5	1010.6	1011.2	1001.6
	DAY-HR	03-00	18-22	14-09	15-09	05-01	01-10	31-09	29-10	20-22	15-22	15-21	13-09	SEP
	# OBS	740	659	720	720	743	719	740	739	713	736	713	733	8675
2000	MEAN	1020.5	1021.1	1016.3	1016.5	1016.9	1017.6	1015.9	1016.4	1012.4	1017.4	1016.6	1019.8	1017.3
	MAXIMUM	1033.6	1029.2	1024.2	1024.4	1019.2	1022.2	1019.9	1022.4	1016.6	1023.2	1028.5	1025.3	1033.6
	DAY-HR	15-16	06-16	01-16	09-16	01-03	19-16	18-17	15-16	23-16	23-16	22-15	31-16	JAN
	MINIMUM	1008.8	1013.8	1005.1	1007.8	1015.1	1011.3	1010.6	1009.4	998.5	1009.5	1008.6	1009.3	998.5
	DAY-HR	24-11	14-09	27-23	24-11	03-10	16-00	15-22	30-22	17-02	01-21	09-11	28-21	SEP
	# OBS	733	685	738	710	104	364	742	743	717	739	716	744	7735
2001	MEAN	1020.5	1020.1	1014.4	1018.8	1015.9	1016.5	1015.9	1016.6	1013.2	1016.8	1017.6	1017.2	1017.0
	MAXIMUM	1027.6	1025.8	1021.8	1025.8	1020.6	1022.3	1021.2	1021.5	1018.1	1026.5	1025.0	1024.4	1027.6
	DAY-HR	03-04	18-16	06-16	21-16	13-16	27-16	28-17	07-17	17-16	29-16	09-16	21-16	JAN
	MINIMUM	1011.1	1014.7	1005.4	1011.2	1010.5	1011.1	1008.9	1009.7	1003.3	1008.3	1010.4	1010.7	1003.3
	DAY-HR	19-22	28-23	29-22	01-00	22-23	02-09	22-22	04-10	13-21	13-23	05-09	09-10	SEP
	# OBS	743	671	741	716	743	718	744	744	686	743	717	740	8706
POR	MEAN	1019.1	1018.6	1016.8	1016.2	1015.1	1015.7	1017.3	1016.2	1014.3	1015.8	1017.5	1019.1	1016.8
	MAXIMUM	1034.7	1034.2	1031.6	1027.0	1023.1	1022.3	1023.1	1022.4	1021.6	1026.5	1029.2	1031.3	1034.7
	YEAR	1979	1996	1986	1981	1992	2001	1994	2000	1986	2001	1996	1991	JAN/1979
	MINIMUM	1000.9	996.1	988.0	1004.9	1002.2	992.3	1008.9	997.4	959.3	992.8	957.1	1003.1	957.1
	YEAR	1979	1998	1983	1995	1978	1995	2001	1992	1979	1995	1985	1986	NOV/1985
	# OBS	14610	12770	13663	14229	13873	15498	16222	16866	15466	16248	15302	15642	180389

STATION: 42003 -- POR (11/1976 - 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
1976	MEAN	-	-	-	-	-	-	-	-	-	-	15.7	15.4	15.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	26.4	27.2	27.2
	DAY-HR	-	-	-	-	-	-	-	-	-	-	30-21	01-03	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	3.9	2.1	2.1
	DAY-HR	-	-	-	-	-	-	-	-	-	-	28-09	13-00	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	89	251	340
1977	MEAN	13.6	-	-	-	-	-	6.7	9.6	8.9	8.9	11.4	12.1	9.8
	MAXIMUM	26.8	-	-	-	-	-	22.4	21.2	19.2	21.4	22.0	24.3	26.8
	DAY-HR	10-09	-	-	-	-	-	16-15	29-10	01-08	13-03	10-15	25-21	JAN
	MINIMUM	0.6	-	-	-	-	-	0.8	0.2	0.4	0.2	0.4	1.7	0.2

	DAY-HR	05-00	-	-	-	-	-	30-15	22-06	29-12	10-06	24-12	19-09	OCT
	# OBS	72	-	-	-	-	-	193	291	319	244	238	250	1607
1978	MEAN	12.8	12.0	12.2	11.2	9.3	8.5	7.2	7.7	7.0	11.1	11.0	12.8	9.7
	MAXIMUM	32.7	27.0	26.6	21.8	21.2	17.9	21.0	22.2	16.1	22.4	18.1	26.6	32.7
	DAY-HR	08-18	22-03	03-06	23-17	16-21	19-12	27-18	27-16	21-01	10-03	27-18	28-00	JAN
	MINIMUM	0.4	0.6	0.0	1.2	0.4	0.4	0.0	0.2	0.2	0.2	0.8	1.0	0.0
	DAY-HR	07-18	08-21	26-03	16-00	05-08	22-01	19-20	01-18	03-14	27-18	05-15	19-12	JUL
	# OBS	247	227	245	611	336	239	465	678	650	695	239	239	4871
1979	MEAN	15.5	11.6	14.0	12.1	12.8	9.7	11.9	8.9	16.8	11.3	-	-	12.5
	MAXIMUM	29.7	24.1	25.5	22.4	29.9	20.4	27.2	21.4	66.1	21.6	-	-	66.1
	DAY-HR	12-00	25-12	05-00	24-03	07-03	14-09	23-21	29-12	12-00	15-18	-	-	SEP
	MINIMUM	1.2	0.6	0.8	0.2	1.6	0.4	0.6	0.4	0.8	0.4	-	-	0.2
	DAY-HR	22-21	16-21	14-15	28-06	24-18	30-09	17-15	22-15	23-03	03-18	-	-	APR
	# OBS	245	224	292	233	217	226	286	224	156	51	-	-	2154
1980	MEAN	12.4	12.4	14.7	12.0	11.2	7.5	7.9	-	8.3	10.4	15.2	12.9	11.8
	MAXIMUM	28.4	28.2	31.3	27.8	23.5	20.6	14.4	-	18.5	21.8	38.1	27.0	38.1
	DAY-HR	23-14	26-08	30-08	14-00	17-12	14-14	03-10	-	17-14	29-02	11-04	16-21	NOV
	MINIMUM	0.6	0.6	2.9	0.2	0.8	0.2	0.2	-	0.0	0.0	0.2	0.0	0.0
	DAY-HR	24-23	28-16	26-03	19-15	07-04	29-15	04-00	-	30-05	20-10	04-13	24-20	DEC
	# OBS	462	691	742	711	744	719	93	-	442	744	720	740	6808
1981	MEAN	11.2	14.3	13.3	10.7	9.1	8.3	6.4	7.4	8.1	10.3	11.1	11.9	10.2
	MAXIMUM	26.0	28.8	27.2	24.7	21.0	22.0	24.1	28.8	23.1	25.7	24.5	24.5	28.8
	DAY-HR	20-19	08-16	19-14	06-13	04-19	29-08	21-20	11-06	18-18	26-20	02-04	15-15	AUG
	MINIMUM	0.0	1.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	27-08	22-16	21-05	30-07	29-14	28-16	31-04	30-17	27-00	03-11	18-23	27-07	DEC
	# OBS	733	669	739	718	742	718	743	742	715	723	720	735	8697
1982	MEAN	12.8	11.6	12.0	10.9	11.3	7.3	4.7	4.7	8.2	11.0	13.1	14.9	10.6
	MAXIMUM	32.9	21.8	29.7	23.9	22.6	27.0	13.0	19.1	21.8	24.5	26.2	25.9	32.9
	DAY-HR	14-17	03-10	29-01	26-14	06-13	17-18	10-14	31-08	08-05	24-05	05-14	27-11	JAN
	MINIMUM	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	17-22	21-00	23-19	14-05	27-00	30-01	19-05	29-08	20-01	14-10	13-11	30-22	DEC
	# OBS	740	671	742	717	739	717	463	384	715	740	717	740	8085
1983	MEAN	11.0	16.3	15.5	14.3	11.1	8.9	6.9	4.9	10.7	10.0	12.6	13.6	10.4
	MAXIMUM	31.9	34.4	32.9	26.4	23.7	22.6	27.8	17.7	27.6	21.0	32.3	26.6	34.4
	DAY-HR	20-06	13-15	01-03	09-09	04-15	20-13	17-00	30-14	04-01	31-14	20-17	30-12	FEB
	MINIMUM	0.2	1.6	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
	DAY-HR	25-04	16-09	14-00	18-06	24-18	30-16	25-03	31-06	22-06	12-00	14-05	14-21	DEC
	# OBS	659	224	248	238	248	685	743	740	698	739	711	591	6524
1984	MEAN	-	-	16.6	15.9	14.4	11.2	8.4	8.6	12.5	15.1	15.4	13.6	12.9
	MAXIMUM	-	-	35.6	33.6	29.7	27.6	26.2	26.8	31.1	24.9	32.1	25.1	35.6
	DAY-HR	-	-	29-09	04-13	03-16	10-19	17-13	27-18	17-13	01-03	19-20	06-17	MAR
	MINIMUM	-	-	0.4	0.4	1.7	0.4	0.4	0.4	0.4	3.9	0.4	0.4	0.4
	DAY-HR	-	-	22-05	13-19	23-23	28-01	22-08	12-22	10-18	14-02	03-17	12-04	DEC
	# OBS	-	-	239	717	741	718	742	742	717	743	716	741	6816
1985	MEAN	16.2	18.7	14.6	13.5	9.0	9.3	8.2	7.9	15.5	15.8	15.3	13.8	13.1
	MAXIMUM	32.3	35.4	35.0	34.8	26.2	40.2	23.7	29.0	31.3	35.6	92.0	31.7	92.0
	DAY-HR	04-15	11-14	21-08	12-05	19-22	14-14	21-15	14-13	15-05	31-11	20-17	14-11	NOV
	MINIMUM	1.2	1.2	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4	1.0	0.2
	DAY-HR	24-10	27-19	25-06	29-15	25-20	20-08	14-13	22-10	27-06	21-00	30-02	02-15	SEP
	# OBS	743	670	740	717	744	720	743	559	399	737	715	739	8226
1986	MEAN	14.0	12.9	15.2	10.8	10.6	7.0	7.1	8.3	9.2	11.0	12.0	13.1	10.9
	MAXIMUM	33.8	27.8	37.5	25.1	19.6	23.1	22.4	27.6	22.0	23.5	23.7	31.1	37.5
	DAY-HR	26-17	25-11	01-07	04-07	11-01	23-11	07-01	21-11	10-22	26-22	14-04	31-13	MAR
	MINIMUM	1.2	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
	DAY-HR	18-12	22-01	11-03	20-20	20-16	25-01	25-11	29-18	13-19	15-12	19-23	24-04	NOV
	# OBS	738	667	740	697	742	720	743	744	717	743	719	743	8713
1987	MEAN	13.7	13.7	17.0	8.1	8.7	9.1	8.2	5.6	5.8	15.4	14.6	7.3	10.1
	MAXIMUM	32.3	29.0	37.3	16.7	21.4	21.8	21.2	22.6	22.2	27.4	27.6	16.9	37.3
	DAY-HR	22-10	05-05	07-06	12-21	11-23	27-06	19-22	07-22	30-19	12-09	02-03	01-21	MAR
	MINIMUM	1.2	0.0	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
	DAY-HR	08-20	11-15	02-09	30-07	15-12	24-16	20-17	16-17	23-10	07-10	28-06	03-12	NOV
	# OBS	739	672	156	313	730	720	588	742	682	483	238	22	6085
1988	MEAN	-	-	-	-	13.4	8.6	7.5	7.2	12.1	10.8	13.6	12.7	10.4
	MAXIMUM	-	-	-	-	19.6	22.4	23.7	19.1	29.2	24.3	49.6	30.3	49.6
	DAY-HR	-	-	-	-	31-16	05-10	07-14	13-22	15-23	07-01	22-16	13-02	NOV
	MINIMUM	-	-	-	-	7.4	0.2	0.0	0.4	0.8	0.4	0.2	0.4	0.0
	DAY-HR	-	-	-	-	26-19	28-06	21-18	26-19	23-13	27-13	30-06	16-09	JUL
	# OBS	-	-	-	-	126	718	743	740	718	744	715	741	5245
1989	MEAN	10.1	13.0	11.6	9.1	8.8	9.7	6.7	7.4	7.8	10.9	12.1	13.5	9.9
	MAXIMUM	18.7	29.0	24.7	23.5	23.9	23.1	21.0	24.9	26.2	23.9	26.8	30.7	30.7
	DAY-HR	04-15	23-22	10-11	06-12	01-08	09-07	30-22	10-21	25-00	19-13	30-02	23-23	DEC
	MINIMUM	0.2	1.9	1.6	0.0	0.8	0.2	0.0	0.0	0.0	0.6	0.4	0.8	0.0



	DAY-HR	15-18	28-10	30-17	16-11	16-17	26-03	20-10	17-04	22-22	25-18	21-01	11-15	DEC
	# OBS	743	671	741	716	743	718	744	744	687	743	717	740	8707
POR	MEAN	13.6	13.7	14.0	12.5	10.5	8.6	7.6	7.6	9.7	12.7	13.6	13.5	11.4
	MAXIMUM	37.5	38.3	48.0	35.8	30.5	52.9	30.5	45.5	66.1	41.8	92.0	39.9	92.0
	YEAR	1994	1998	1993	1999	1999	1995	2001	1992	1979	1995	1985	2000	NOV/1985
	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	2000	2000	2000	2001	2001	2001	2001	2001	2001	2001	2001	2001	DEC/2001
	# OBS	14262	12405	13675	13509	13738	14525	15606	16999	15463	16154	15423	15855	177614

STATION: 42003 -- POR (1/1980 - 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
1980	MEAN	15.2	16.3	18.2	15.3	13.9	9.7	9.9	-	10.5	13.2	19.1	16.6	14.9
	MAXIMUM	34.0	37.5	42.0	37.3	29.0	26.2	23.1	-	23.3	28.6	47.4	32.9	47.4
	DAY-HR	23-14	17-06	30-08	14-03	17-12	14-14	03-10	-	17-14	29-01	11-05	28-07	NOV
	# OBS	462	691	742	711	744	719	93	-	442	744	720	740	6808
1981	MEAN	14.8	17.3	16.3	13.0	11.1	10.0	8.0	9.3	10.1	12.8	14.3	15.1	12.6
	MAXIMUM	34.0	37.5	33.6	29.9	27.4	26.8	29.2	38.5	28.8	32.9	31.5	29.7	38.5
	DAY-HR	28-10	08-16	19-14	06-13	20-03	29-08	21-20	11-06	30-06	26-20	01-05	19-12	AUG
	# OBS	733	618	739	718	742	716	743	742	714	723	720	735	8643
1982	MEAN	16.0	14.4	14.6	13.3	13.7	8.9	6.3	6.4	10.3	13.7	16.1	18.5	13.2
	MAXIMUM	42.0	29.7	35.8	33.6	26.8	32.3	20.8	35.2	27.0	30.1	32.9	32.3	42.0
	DAY-HR	14-17	03-19	29-01	26-14	06-12	17-18	10-14	31-00	08-05	24-05	05-14	27-11	JAN
	# OBS	740	671	742	717	739	717	463	384	715	740	717	740	8085
1983	MEAN	14.5	20.5	19.8	17.9	13.8	10.9	8.6	6.5	13.2	12.4	16.0	16.8	13.0
	MAXIMUM	39.9	39.7	43.5	31.9	27.8	28.8	33.0	21.0	36.2	29.2	42.2	35.2	43.5
	DAY-HR	20-06	13-15	01-03	02-12	04-15	20-13	17-00	26-04	09-20	19-08	20-17	30-12	MAR
	# OBS	659	224	248	238	248	685	743	740	698	739	711	591	6524
1984	MEAN	-	-	19.8	18.8	16.5	13.0	10.1	10.0	14.5	17.1	18.5	16.0	15.1
	MAXIMUM	-	-	45.3	43.2	33.4	35.6	38.9	32.5	35.6	27.0	37.7	30.3	45.3
	DAY-HR	-	-	29-09	04-13	03-12	10-19	29-09	27-18	23-07	01-20	23-02	07-05	MAR
	# OBS	-	-	236	716	735	707	729	737	713	741	715	721	6750
1985	MEAN	19.7	22.3	17.3	15.9	10.3	10.8	9.6	9.4	17.9	18.4	17.7	16.3	15.5
	MAXIMUM	38.9	43.2	44.3	44.3	33.4	55.0	34.6	33.4	36.7	57.9	113.7	37.5	113.7
	DAY-HR	21-06	15-21	21-08	12-12	19-22	14-14	21-15	14-13	15-05	31-11	20-17	14-16	NOV
	# OBS	743	670	735	711	737	716	740	553	397	736	713	734	8185
1986	MEAN	16.7	15.3	18.2	13.1	12.9	8.8	9.1	10.3	11.2	13.5	14.4	16.1	13.3
	MAXIMUM	41.6	32.5	50.7	30.5	22.9	29.2	33.0	39.1	27.6	28.0	28.4	38.9	50.7
	DAY-HR	11-02	25-11	01-07	04-07	11-01	09-15	07-01	20-15	22-22	19-22	14-03	31-13	MAR
	# OBS	733	629	726	696	742	720	743	744	717	743	719	743	8655
1987	MEAN	17.1	17.1	21.3	10.8	10.9	11.0	10.3	8.2	7.9	19.2	17.8	10.0	12.9
	MAXIMUM	43.9	36.2	47.6	19.6	30.7	26.8	35.6	36.5	31.7	32.1	32.9	20.6	47.6
	DAY-HR	22-10	05-04	07-04	12-21	11-23	27-06	19-06	05-21	30-16	12-09	02-03	01-21	MAR
	# OBS	739	672	156	313	730	720	588	655	682	483	238	22	5998
1988	MEAN	-	-	-	-	16.2	10.5	9.4	9.1	14.9	13.7	17.0	16.1	13.0
	MAXIMUM	-	-	-	-	24.5	35.8	29.2	23.9	39.7	30.1	63.4	38.1	63.4
	DAY-HR	-	-	-	-	31-16	19-14	07-14	04-22	09-10	07-01	22-16	13-02	NOV
	# OBS	-	-	-	-	126	718	743	740	718	744	713	738	5240
1989	MEAN	12.4	16.2	14.3	11.2	10.7	11.8	8.6	9.2	9.9	13.5	14.8	17.4	12.3
	MAXIMUM	23.1	37.1	30.7	27.4	29.0	29.2	27.0	29.0	36.5	28.8	32.7	38.9	38.9
	DAY-HR	04-14	23-22	10-11	06-12	01-08	09-06	07-02	10-21	24-21	19-16	30-02	24-05	DEC
	# OBS	287	296	730	705	725	702	734	733	705	732	716	737	7802
1990	MEAN	15.7	18.6	18.0	15.4	13.1	9.1	10.0	7.9	9.9	14.4	15.6	16.4	13.6
	MAXIMUM	39.3	39.1	33.2	36.4	26.4	25.7	24.7	25.9	29.4	35.6	36.0	36.5	39.3
	DAY-HR	26-01	22-23	17-18	01-01	21-06	23-21	03-21	24-22	28-22	26-05	30-04	08-07	JAN
	# OBS	744	671	727	700	733	710	739	744	718	740	720	744	8690
1991	MEAN	17.1	18.2	19.9	16.1	13.8	8.9	8.5	9.3	11.3	16.0	18.2	17.9	14.5
	MAXIMUM	30.5	35.8	42.8	32.1	34.0	30.1	31.1	25.7	27.6	34.8	33.6	35.6	42.8
	DAY-HR	20-04	15-22	03-03	20-05	25-19	22-00	02-20	01-12	01-05	26-03	09-03	20-03	MAR
	# OBS	742	580	706	693	743	717	737	739	717	657	716	743	8490
1992	MEAN	17.2	15.4	14.8	-	-	15.8	10.2	10.7	12.1	15.3	19.1	15.6	14.1
	MAXIMUM	32.5	45.9	31.5	-	-	31.7	34.6	59.5	26.0	37.9	33.6	29.9	59.5
	DAY-HR	23-17	06-05	11-12	-	-	28-10	13-05	25-04	30-22	02-06	11-07	15-11	AUG

	# OBS	740	688	740	-	-	124	738	1454	710	737	710	738	7379
1993	MEAN	17.9	21.0	18.9	18.7	14.3	11.6	8.4	10.0	12.0	14.2	17.2	17.4	15.1
	MAXIMUM	40.8	38.3	62.0	40.8	33.2	25.5	28.8	30.3	29.4	37.9	30.3	34.2	62.0
	DAY-HR	05-10	08-00	13-05	05-02	03-05	18-20	08-23	10-21	30-00	09-21	01-00	14-23	MAR
	# OBS	729	670	735	712	739	716	740	742	717	742	714	739	8695
1994	MEAN	21.4	17.3	16.6	13.7	10.6	10.5	9.8	10.5	-	-	-	-	14.9
	MAXIMUM	46.5	35.4	42.4	37.1	32.7	21.6	21.2	35.6	-	-	-	-	46.5
	DAY-HR	03-23	02-13	29-03	21-21	18-17	01-06	29-22	14-18	-	-	-	-	JAN
	# OBS	742	655	741	716	735	11	121	727	-	-	-	-	4448
1995	MEAN	17.9	16.7	15.0	18.2	13.1	12.9	10.3	11.1	10.2	18.6	17.4	17.3	14.7
	MAXIMUM	36.2	42.2	42.0	41.6	32.1	65.7	30.5	29.9	27.6	53.8	34.4	42.8	65.7
	DAY-HR	23-17	04-12	15-01	05-23	05-19	04-16	31-03	17-09	30-23	04-09	24-20	23-01	JUN
	# OBS	256	660	735	715	736	710	736	736	713	736	707	736	8176
1996	MEAN	19.1	15.1	21.5	16.8	13.6	10.8	12.0	10.1	9.5	17.7	20.3	17.6	15.3
	MAXIMUM	44.3	38.1	46.3	41.8	33.8	37.9	33.4	30.7	22.7	49.8	39.5	37.9	49.8
	DAY-HR	03-20	04-14	21-01	15-19	21-06	08-17	17-07	20-02	19-01	07-14	16-04	19-14	OCT
	# OBS	732	686	732	735	735	711	833	779	710	733	695	741	8822
1997	MEAN	14.6	12.3	-	-	11.5	11.2	7.6	9.3	10.6	16.5	17.9	20.9	13.5
	MAXIMUM	37.7	21.0	-	-	22.4	23.5	24.3	26.8	27.8	28.4	34.0	51.9	51.9
	DAY-HR	10-00	04-05	-	-	30-22	08-18	14-17	27-14	06-12	18-20	13-09	29-19	DEC
	# OBS	670	78	-	-	142	717	718	736	715	732	702	736	5946
1998	MEAN	19.4	21.4	20.6	18.8	10.7	9.9	8.9	9.6	19.5	16.4	14.1	16.3	15.4
	MAXIMUM	35.4	47.6	47.2	33.4	28.6	25.9	36.2	29.9	65.7	36.2	41.6	42.6	65.7
	DAY-HR	07-14	04-01	18-02	09-06	27-20	25-04	11-22	05-20	26-20	23-07	05-00	26-14	SEP
	# OBS	708	664	713	691	736	692	731	786	703	735	718	739	8616
1999	MEAN	18.3	13.5	15.8	13.8	11.6	9.3	10.4	9.1	13.9	17.3	17.8	17.7	14.0
	MAXIMUM	48.0	37.3	40.2	42.6	42.8	28.2	29.5	33.2	41.4	30.5	31.7	38.7	48.0
	DAY-HR	03-01	13-07	03-13	17-11	07-23	01-15	30-17	15-12	19-22	15-03	03-09	28-11	JAN
	# OBS	738	659	720	720	743	719	740	739	713	736	713	733	8673
2000	MEAN	17.0	15.8	14.6	14.1	18.8	8.7	7.8	10.1	13.6	16.8	17.0	18.6	14.3
	MAXIMUM	46.1	29.7	31.3	33.0	23.7	35.0	30.7	24.1	55.4	37.3	31.5	48.2	55.4
	DAY-HR	24-14	02-08	27-23	09-06	01-17	27-01	03-16	13-00	17-02	09-18	21-14	19-15	SEP
	# OBS	733	685	738	710	104	364	742	743	494	739	716	744	7512
2001	MEAN	16.8	15.5	17.4	15.4	12.7	11.0	10.9	10.5	10.3	19.2	17.9	16.2	14.5
	MAXIMUM	33.8	30.1	46.7	31.7	26.8	26.8	36.4	32.9	34.4	33.8	33.6	32.5	46.7
	DAY-HR	20-17	02-21	29-21	18-12	09-11	23-20	23-17	05-14	13-19	09-08	05-04	26-13	MAR
	# OBS	743	671	741	716	743	718	744	744	685	743	717	740	8705
POR	MEAN	17.1	17.1	17.3	15.3	12.7	10.5	9.3	9.5	11.9	15.7	17.0	17.0	14.1
	MAXIMUM	48.0	47.6	62.0	44.3	42.8	65.7	38.9	59.5	65.7	57.9	113.7	51.9	113.7
	YEAR	1999	1998	1993	1985	1999	1995	1984	1992	1998	1985	1985	1997	NOV/1985
	# OBS	13373	11838	13082	12633	13157	14029	14638	15697	14096	15155	14510	14634	166842

STATION: 42003 -- POR (6/1989 - 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
1989	MEAN	-	-	-	-	-	12.9	10.0	10.5	11.2	14.9	16.0	19.2	13.5
	MAXIMUM	-	-	-	-	-	29.4	35.6	31.9	36.4	30.5	36.2	42.4	42.4
	DAY-HR	-	-	-	-	-	09-07	25-09	13-18	24-21	19-11	23-05	24-01	DEC
	MINIMUM	-	-	-	-	-	2.7	1.7	1.7	1.7	2.3	2.1	3.1	1.7
	DAY-HR	-	-	-	-	-	19-19	16-05	16-06	03-05	08-07	26-20	20-17	SEP
	# OBS	-	-	-	-	-	690	726	730	700	727	715	736	5024
1990	MEAN	17.0	19.9	19.3	16.6	14.2	10.5	11.5	9.2	11.4	15.5	16.7	17.6	14.9
	MAXIMUM	39.1	39.1	38.7	36.4	30.5	31.7	38.3	34.8	36.4	35.6	36.0	37.1	39.1
	DAY-HR	26-01	22-23	17-15	01-01	22-20	29-02	14-01	31-19	28-22	26-05	30-04	08-08	FEB
	MINIMUM	3.1	2.7	4.3	5.1	1.6	1.2	1.7	1.7	1.6	2.3	3.1	4.1	1.2
	DAY-HR	31-04	07-21	05-08	11-07	29-04	12-05	23-03	22-15	23-02	18-16	23-10	13-16	JUN
	# OBS	741	669	719	694	726	699	736	744	717	740	720	744	8649
1991	MEAN	18.5	19.6	20.9	17.1	15.2	10.1	10.1	10.7	12.7	17.7	19.7	19.3	15.9
	MAXIMUM	34.0	39.9	47.4	36.5	39.5	31.1	35.6	31.7	27.6	35.6	34.4	43.5	47.4
	DAY-HR	20-04	15-23	03-09	20-05	25-20	18-14	20-12	07-01	01-05	01-05	24-16	03-22	MAR
	MINIMUM	2.5	2.5	2.9	2.3	5.1	1.7	1.7	1.7	2.3	2.7	3.1	2.9	1.7
	DAY-HR	08-09	25-05	20-20	17-01	28-03	16-15	27-11	17-22	15-14	03-17	23-08	14-18	AUG
	# OBS	742	563	671	672	741	715	735	738	717	657	716	742	8409

1992	MEAN	18.7	17.0	16.1	-	-	18.3	11.6	12.4	13.6	16.7	20.7	16.9	15.6
	MAXIMUM	34.2	49.4	35.8	-	-	35.8	50.7	63.0	31.3	41.0	38.9	31.1	63.0
	DAY-HR	23-17	06-02	11-00	-	-	27-14	15-19	25-03	04-12	01-22	05-17	10-11	AUG
	MINIMUM	1.7	1.7	2.7	-	-	4.5	2.5	1.6	0.0	1.6	1.7	1.7	0.0
	DAY-HR	10-06	29-03	07-11	-	-	26-03	07-14	02-12	26-23	17-16	26-00	07-20	SEP
	# OBS	740	688	740	-	-	124	736	1437	706	733	700	733	7337
1993	MEAN	19.8	22.8	20.9	20.5	15.5	12.7	9.7	11.6	13.8	15.9	18.5	19.0	16.7
	MAXIMUM	50.5	51.7	62.0	66.7	41.4	29.5	28.8	32.1	38.1	46.3	33.2	44.5	66.7
	DAY-HR	16-10	11-21	13-04	05-00	03-04	18-09	08-22	10-21	03-19	05-09	06-17	14-11	APR
	MINIMUM	4.3	4.5	3.5	4.5	3.1	2.3	1.9	2.7	2.1	2.1	4.1	4.3	1.9
	DAY-HR	05-22	12-04	26-00	26-22	16-16	30-13	22-01	15-04	04-02	08-23	19-17	10-15	JUL
	# OBS	728	669	733	712	736	710	733	737	715	736	708	739	8656
1995	MEAN	-	-	-	-	-	-	-	-	-	-	-	19.6	19.6
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	19.6	19.6
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	31-23	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	19.6	19.6
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	31-23	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	1	1
1996	MEAN	20.9	16.4	23.4	18.3	14.7	12.3	13.7	11.7	11.2	19.3	21.8	19.1	16.8
	MAXIMUM	44.3	39.5	55.6	46.3	34.6	37.9	41.0	38.9	38.5	57.2	40.8	40.8	57.2
	DAY-HR	03-20	16-22	27-19	15-18	21-05	08-17	17-06	21-15	30-17	07-13	16-03	19-14	OCT
	MINIMUM	5.1	1.4	5.1	2.9	2.7	1.9	1.0	1.6	1.9	2.7	3.7	2.9	1.0
	DAY-HR	05-01	24-11	16-01	27-08	31-09	24-10	12-06	03-14	06-00	24-03	02-11	06-12	JUL
	# OBS	733	707	731	735	781	712	834	778	709	733	695	741	8889
1997	MEAN	15.9	13.5	-	-	12.7	12.7	8.9	10.9	12.2	18.1	19.7	22.8	15.0
	MAXIMUM	40.4	22.6	-	-	22.4	35.8	27.2	30.5	28.8	39.1	40.4	51.9	51.9
	DAY-HR	10-00	04-06	-	-	30-22	03-08	05-21	30-07	06-12	17-23	13-12	29-19	DEC
	MINIMUM	2.3	4.5	-	-	3.3	3.1	1.6	1.6	2.3	2.7	3.5	8.4	1.6
	DAY-HR	24-19	05-09	-	-	26-23	27-21	21-15	08-02	03-04	01-12	06-20	26-09	AUG
	# OBS	672	154	-	-	119	715	720	736	715	732	701	735	5999
1998	MEAN	21.1	23.5	22.2	20.2	11.9	11.0	10.2	11.0	21.5	17.7	15.3	17.7	16.8
	MAXIMUM	47.6	69.0	49.4	34.0	36.2	35.8	39.7	36.0	66.5	39.1	44.1	47.2	69.0
	DAY-HR	30-12	15-18	18-06	09-06	27-19	25-02	01-23	22-12	26-19	23-07	04-23	26-13	FEB
	MINIMUM	4.7	4.5	6.2	1.6	1.2	1.2	1.7	1.6	3.5	2.3	2.1	3.5	1.2
	DAY-HR	18-01	18-19	01-03	02-00	21-10	27-21	19-15	01-05	04-09	09-06	04-02	13-06	JUN
	# OBS	707	664	713	691	736	692	731	786	706	735	742	738	8641
1999	MEAN	20.0	15.2	17.6	15.2	13.0	10.7	12.0	10.7	15.5	18.9	19.3	19.5	15.6
	MAXIMUM	51.9	38.1	42.4	44.7	42.8	29.9	52.1	34.4	42.2	36.9	34.2	38.7	52.1
	DAY-HR	03-00	18-02	15-11	17-11	07-23	01-14	09-09	15-11	01-15	04-14	03-04	28-10	JUL
	MINIMUM	1.2	2.7	3.3	2.5	2.5	1.6	2.7	1.9	0.0	4.7	3.3	3.7	0.0
	DAY-HR	19-12	02-20	02-01	12-06	27-17	10-10	12-23	15-05	06-02	10-22	25-23	10-20	SEP
	# OBS	739	658	720	720	743	719	740	739	713	736	713	733	8673
2000	MEAN	18.5	17.3	16.0	15.5	19.9	10.1	9.0	11.5	15.5	18.1	18.4	20.2	15.8
	MAXIMUM	46.1	30.9	38.1	34.6	24.9	29.5	36.2	28.4	56.8	37.3	34.2	49.4	56.8
	DAY-HR	24-14	01-22	17-10	09-08	04-14	27-01	03-17	10-18	17-01	09-17	25-09	19-15	SEP
	MINIMUM	2.3	3.1	2.5	1.7	12.1	1.2	1.6	1.6	2.1	2.9	1.9	2.1	1.2
	DAY-HR	11-13	20-08	02-13	17-16	02-07	16-08	13-04	19-09	15-14	06-15	05-09	10-08	JUN
	# OBS	733	685	738	709	104	362	742	743	493	736	714	740	7499
2001	MEAN	18.4	16.7	19.2	16.5	13.9	12.2	12.6	11.9	12.3	20.8	19.2	17.6	16.0
	MAXIMUM	33.8	32.3	59.9	31.9	29.5	34.8	41.6	39.3	35.6	35.2	34.8	38.7	59.9
	DAY-HR	20-16	03-05	09-21	29-13	28-22	23-19	24-18	05-13	13-21	27-14	04-06	28-22	MAR
	MINIMUM	2.7	4.7	2.9	2.1	2.3	2.1	1.9	1.0	1.6	3.7	1.7	2.3	1.0
	DAY-HR	15-17	28-10	30-17	15-23	17-07	26-02	10-02	16-14	21-15	25-17	20-22	11-15	AUG
	# OBS	743	670	741	716	743	718	744	744	683	742	717	739	8700
POR	MEAN	18.9	18.5	19.5	17.5	14.2	11.7	10.9	11.2	13.7	17.6	18.6	19.0	15.8
	MAXIMUM	51.9	69.0	62.0	66.7	42.8	37.9	52.1	63.0	66.5	57.2	44.1	51.9	69.0
	YEAR	1999	1998	1993	1993	1999	1996	1999	1992	1998	1996	1998	1997	FEB/1998
	MINIMUM	1.2	1.4	2.5	1.6	1.2	1.2	1.0	1.0	0.0	1.6	1.7	1.7	0.0
	YEAR	1999	1996	2000	1998	1998	1996	1996	2001	1999	1992	2001	1992	SEP/1999
	# OBS	7278	6127	6506	5649	5429	6856	8177	8912	7574	8007	7841	8121	86477

STATION: 42003 -- POR (7/1977 - 12/2001)

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1977	MEAN	-	-	-	-	-	-	0.6	0.9	0.7	1.0	1.4	1.4	1.0
	MAXIMUM	-	-	-	-	-	-	1.1	2.1	2.1	3.0	4.2	4.0	4.2
	DAY-HR	-	-	-	-	-	-	16-18	29-12	02-00	13-18	11-03	07-00	NOV

	# OBS	-	-	-	-	-	-	136	175	269	238	232	244	1294
1978	MEAN	1.7	1.4	1.3	1.1	1.1	0.8	0.6	0.7	0.6	1.2	1.1	1.6	1.1
	MAXIMUM	4.8	4.0	3.7	3.3	3.4	2.1	1.4	2.1	1.4	3.7	2.4	3.9	4.8
	DAY-HR	09-09	22-12	03-18	23-17	04-13	19-12	22-12	27-03	21-03	16-00	28-00	28-15	JAN
	# OBS	236	208	240	494	295	229	240	237	230	244	238	238	3129
1979	MEAN	2.2	1.5	1.6	1.5	1.1	0.8	1.2	0.7	1.6	1.1	-	-	1.3
	MAXIMUM	5.3	3.9	3.6	4.2	3.1	2.0	2.8	2.1	8.9	2.6	-	-	8.9
	DAY-HR	21-21	25-21	03-15	24-21	07-12	15-12	24-18	29-12	12-00	15-18	-	-	SEP
	# OBS	242	223	244	233	211	226	275	224	130	51	-	-	2059
1980	MEAN	1.3	1.2	1.6	1.2	0.9	0.8	0.6	-	0.8	1.0	1.8	1.4	1.2
	MAXIMUM	4.0	2.9	4.9	3.8	2.5	2.0	0.8	-	1.8	2.3	6.1	3.5	6.1
	DAY-HR	24-01	01-13	02-22	14-19	17-15	14-15	01-20	-	23-05	29-05	11-14	25-20	NOV
	# OBS	462	690	738	711	744	719	93	-	439	744	720	740	6800
1981	MEAN	1.1	1.6	1.5	1.1	0.8	0.8	0.6	0.8	0.7	1.1	1.2	1.2	1.1
	MAXIMUM	3.3	4.2	4.9	2.6	2.3	2.6	2.0	2.2	2.6	3.4	3.9	3.5	4.9
	DAY-HR	20-21	12-09	20-05	06-20	04-23	30-15	24-22	28-09	18-23	19-17	01-08	19-00	MAR
	# OBS	734	670	739	718	741	718	743	742	704	722	720	734	8685
1982	MEAN	1.5	1.2	1.3	1.1	1.2	0.8	0.4	0.5	0.7	1.1	1.4	1.8	1.1
	MAXIMUM	6.1	3.1	4.8	2.8	2.4	3.6	0.9	2.5	2.0	3.0	3.5	3.5	6.1
	DAY-HR	14-20	04-11	29-03	11-05	06-12	17-21	14-12	31-14	01-01	24-11	05-11	13-08	JAN
	# OBS	739	671	741	717	741	720	464	385	662	679	544	619	7682
1983	MEAN	1.2	-	-	-	-	0.8	0.6	0.5	1.2	1.1	1.3	-	0.8
	MAXIMUM	5.0	-	-	-	-	1.9	2.7	1.4	3.2	2.4	3.0	-	5.0
	DAY-HR	20-07	-	-	-	-	21-02	17-01	27-01	25-12	31-16	02-12	-	JAN
	# OBS	289	-	-	-	-	657	738	740	624	265	138	-	3451
1984	MEAN	-	-	1.8	1.4	1.2	0.7	0.6	0.5	1.0	1.1	1.3	1.3	1.0
	MAXIMUM	-	-	5.2	3.6	2.9	2.1	1.5	1.6	2.5	2.3	3.4	2.8	5.2
	DAY-HR	-	-	29-11	17-23	03-15	01-04	31-13	03-21	24-00	25-19	23-04	27-20	MAR
	# OBS	-	-	238	718	741	718	739	742	717	743	716	742	6814
1985	MEAN	1.4	1.7	1.2	1.1	0.5	0.7	0.6	0.6	1.3	1.4	1.4	1.2	1.1
	MAXIMUM	3.8	4.8	4.1	4.9	1.5	2.0	1.2	2.9	3.6	4.4	10.7	4.3	10.7
	DAY-HR	04-05	12-17	21-10	12-13	20-02	15-21	21-22	14-06	15-05	31-17	20-17	14-17	NOV
	# OBS	743	670	738	717	744	719	738	558	348	715	689	722	8101
1986	MEAN	1.3	1.1	1.5	0.9	1.0	0.6	0.6	0.7	0.7	0.9	-	-	0.9
	MAXIMUM	4.3	2.5	4.6	2.6	2.3	1.2	3.3	2.1	1.8	3.2	-	-	4.6
	DAY-HR	05-23	12-02	01-14	04-15	11-20	24-11	29-19	21-17	01-10	19-22	-	-	MAR
	# OBS	734	662	736	694	741	716	742	741	713	728	-	-	7207
1987	MEAN	-	-	-	0.7	0.6	0.7	0.8	0.5	0.4	1.6	1.7	-	0.8
	MAXIMUM	-	-	-	2.1	1.4	2.1	1.6	1.4	1.6	3.5	3.0	-	3.5
	DAY-HR	-	-	-	17-06	28-03	08-19	19-23	09-06	30-22	12-02	11-21	-	OCT
	# OBS	-	-	-	571	741	719	741	741	677	478	229	-	4897
1988	MEAN	-	-	-	-	1.2	0.8	0.6	0.6	1.4	1.0	1.5	1.2	1.0
	MAXIMUM	-	-	-	-	2.0	2.1	2.9	1.6	5.6	2.8	7.8	3.8	7.8
	DAY-HR	-	-	-	-	31-21	13-18	07-11	28-02	15-02	07-07	22-13	13-03	NOV
	# OBS	-	-	-	-	126	716	740	731	707	744	714	734	5212
1989	MEAN	1.0	1.2	1.2	0.7	0.7	1.0	0.6	0.5	0.7	1.0	1.2	1.5	0.9
	MAXIMUM	3.9	4.9	3.4	2.2	2.5	2.8	1.8	1.6	2.7	3.4	3.6	4.4	4.9
	DAY-HR	22-09	23-16	07-05	11-14	02-01	09-12	25-19	01-14	25-03	20-03	16-22	24-03	FEB
	# OBS	740	666	722	678	709	683	725	726	698	721	692	733	8493
1990	MEAN	1.2	1.5	1.4	1.1	1.0	0.6	0.7	0.4	0.5	1.1	1.3	1.3	1.0
	MAXIMUM	3.6	3.6	3.4	2.7	2.4	1.8	2.0	1.3	1.9	3.5	4.1	3.6	4.1
	DAY-HR	26-07	24-03	17-17	20-17	26-17	13-22	14-18	25-21	24-22	26-06	30-10	08-15	NOV
	# OBS	740	669	719	684	718	703	730	744	717	737	719	744	8624
1991	MEAN	1.3	1.4	1.6	1.2	1.1	0.6	0.5	0.5	0.8	1.2	1.3	1.5	1.1
	MAXIMUM	2.7	4.1	5.1	2.4	4.7	2.7	1.1	1.2	2.0	3.0	3.1	4.9	5.1
	DAY-HR	16-03	15-22	03-09	03-16	22-04	07-11	20-20	01-19	29-15	07-03	09-04	20-19	MAR
	# OBS	742	557	663	657	742	716	738	739	716	742	713	743	8468
1992	MEAN	1.3	1.4	1.1	1.2	0.7	1.1	0.6	0.6	0.7	1.2	1.5	1.1	1.0
	MAXIMUM	2.9	5.7	2.6	3.6	2.2	1.9	1.7	6.4	1.8	4.2	3.1	2.7	6.4
	DAY-HR	14-20	06-03	11-20	07-04	07-10	27-23	13-09	25-03	14-20	02-12	11-12	11-16	AUG
	# OBS	740	687	740	719	742	106	737	1448	705	721	666	724	8735
1993	MEAN	1.5	1.6	1.5	1.4	1.0	0.8	0.5	0.6	0.8	1.1	1.4	1.3	1.1
	MAXIMUM	3.5	4.2	9.2	3.2	2.7	2.5	1.1	1.5	3.5	4.4	3.0	3.5	9.2
	DAY-HR	25-17	07-22	13-19	10-09	03-13	19-00	26-03	25-02	30-02	31-15	01-00	15-11	MAR
	# OBS	725	665	720	703	736	711	738	735	717	737	710	742	8639
1994	MEAN	1.8	1.4	1.3	1.0	0.6	0.8	0.8	0.6	-	-	-	-	1.0
	MAXIMUM	5.6	3.3	4.8	2.4	2.2	2.0	4.2	2.0	-	-	-	-	5.6





TOTAL %	0.1	9.3	9.6	12.9	13.5	14.4	10.8	8.1	4.1	2.3	2.3	4.8	7.9	100.0	
TOTAL N	8	1149	1187	1595	1675	1790	1342	1002	504	286	291	592	983		12404

(\* < 0.05%)

STATION: 42003

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

Month: MAR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.1	*	*	*	*	*	*	*	*	*	*	*	*	*	0.2	23
1 - 3		0.2	0.3	0.4	0.3	0.1	0.3	0.3	0.2	0.2	0.2	0.2	0.3	3.0	401	
4 - 6		0.7	0.9	0.9	1.0	0.9	0.8	0.6	0.6	0.4	0.4	0.5	0.5	7.9	1067	
7 - 10		1.4	2.0	3.1	3.1	3.0	2.3	1.7	1.0	0.5	0.4	0.5	1.1	20.0	2693	
11 - 15		1.8	3.0	4.3	4.5	5.1	3.9	2.4	1.3	0.5	0.4	0.7	1.8	29.7	3995	
16 - 20		2.0	1.8	2.0	2.8	3.5	4.2	2.6	1.2	0.6	0.6	0.9	1.7	23.8	3199	
21 - 24		0.9	0.5	0.6	1.5	1.4	1.1	1.1	0.5	0.2	0.2	1.0	0.8	10.0	1340	
25 - 33		0.7	0.2	0.1	0.4	0.6	0.2	0.6	0.3	0.1	0.2	0.8	0.6	4.9	662	
34 - 47		*	-	-	0.1	-	*	*	*	-	*	0.2	*	0.4	55	
> 48		-	-	-	-	-	-	-	-	-	-	*	-	0.0	1	
TOTAL %	0.1	7.7	8.7	11.4	13.7	14.7	12.8	9.3	5.0	2.5	2.5	4.8	6.8	100.0		
TOTAL N	7	1040	1170	1537	1842	1970	1715	1243	677	334	337	648	916		13436	

(\* < 0.05%)

STATION: 42003

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

Month: APR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	*	*	*	*	*	*	*	*	*	*	*	*	0.4	49
1 - 3		0.4	0.4	0.3	0.5	0.4	0.3	0.4	0.2	0.2	0.2	0.3	0.4	4.0	539
4 - 6		0.6	1.0	1.2	1.6	1.1	0.8	0.7	0.4	0.4	0.4	0.5	0.6	9.5	1280
7 - 10		1.6	2.1	3.8	5.6	4.0	2.7	1.5	0.5	0.4	0.5	0.8	1.2	24.6	3324
11 - 15		2.2	2.1	4.1	6.6	7.1	4.2	2.1	0.7	0.3	0.4	0.5	1.8	32.1	4338
16 - 20		1.5	1.9	1.8	3.5	5.3	4.2	1.1	0.5	0.3	0.2	0.7	1.2	22.2	3005
21 - 24		0.5	0.5	0.3	0.6	1.2	1.0	0.6	0.1	0.1	0.1	0.3	0.3	5.6	757
25 - 33		0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.1	*	0.1	0.2	0.1	1.5	206
34 - 47		*	-	-	*	-	-	*	-	-	*	-	*	0.1	11
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	6.9	8.1	11.7	18.6	19.3	13.5	6.6	2.6	1.8	1.9	3.4	5.6	100.0	
TOTAL N	17	931	1088	1574	2514	2602	1822	895	353	245	258	455	755		13509

(\* < 0.05%)

STATION: 42003

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

Month: MAY

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.3	0.1	*	*	*	*	*	*	*	*	*	*	*	0.6	80
1 - 3		0.5	0.7	0.6	0.6	0.8	0.6	0.5	0.4	0.3	0.4	0.3	0.4	6.1	844
4 - 6		1.0	1.5	1.7	2.6	2.7	1.7	0.9	0.5	0.4	0.4	0.4	0.5	14.3	1967
7 - 10		1.6	2.7	5.0	7.1	6.8	3.7	1.5	0.7	0.5	0.4	0.5	0.9	31.4	4309
11 - 15		1.0	2.0	4.6	10.0	7.5	4.1	1.4	0.6	0.3	0.3	0.4	0.6	33.0	4527
16 - 20		0.4	0.8	1.3	3.6	3.4	1.8	0.7	0.3	0.1	0.2	0.2	0.2	13.0	1780
21 - 24		0.1	0.3	0.1	0.2	0.2	0.2	0.1	*	*	*	*	*	1.4	190
25 - 33		*	*	*	*	*	*	0.1	-	-	-	-	*	0.3	41
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	4.8	8.0	13.4	24.1	21.5	12.2	5.3	2.6	1.7	1.6	1.8	2.7	100.0	
TOTAL N	38	658	1102	1837	3315	2960	1676	722	362	230	219	245	374		13738

(\* < 0.05%)

STATION: 42003

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

Month: JUN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1	*	0.1	1.2	173
1 - 3		1.0	1.1	1.0	1.1	1.3	1.1	1.0	0.7	0.6	0.7	0.6	0.8	11.1	1606
4 - 6		1.1	1.5	2.4	3.6	3.5	2.8	1.7	1.2	0.8	0.7	0.6	0.7	20.8	3016
7 - 10		1.3	2.2	4.8	8.5	7.6	4.8	3.1	1.5	1.0	0.8	0.5	0.8	37.0	5367
11 - 15		0.5	0.9	3.6	6.8	4.6	2.1	1.8	1.0	0.5	0.5	0.4	0.2	23.0	3335
16 - 20		*	0.1	0.9	2.1	1.0	0.5	0.6	0.5	0.1	0.1	0.1	0.1	6.2	906
21 - 24		-	*	0.1	0.1	0.1	0.1	0.1	*	*	*	*	*	0.6	93

25 - 33	*	-	*	*	*	*	*	*	-	*	0.1	*	-	0.2	22
34 - 47	-	-	*	-	-	*	*	-	*	*	*	-	-	0.0	6
> 48	-	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.4	4.0	6.0	13.0	22.2	18.3	11.6	8.4	5.0	3.2	2.9	2.2	2.8	100.0	
TOTAL N	54	583	878	1887	3222	2659	1680	1226	726	458	423	326	403		14525

(\* < 0.05%)

STATION: 42003

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

Month: JUL

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	0.2	*	0.1	0.1	*	0.1	0.1	0.1	*	0.1	0.1	0.1	1.5	241
1 - 3		1.4	1.7	1.6	1.9	1.6	1.3	1.4	1.0	1.0	1.3	1.3	1.2	16.7	2607
4 - 6		1.6	1.7	2.8	4.0	3.7	2.4	1.9	1.7	1.3	1.4	1.4	1.1	25.0	3898
7 - 10		1.4	2.0	4.8	8.1	6.4	3.3	1.9	1.4	1.3	1.7	1.2	1.2	34.6	5405
11 - 15		0.3	0.6	2.0	5.8	3.6	1.5	0.8	0.6	0.7	1.1	0.6	0.6	18.2	2846
16 - 20		0.1	0.1	0.1	0.6	0.4	0.4	0.5	0.2	0.1	0.3	0.2	0.1	3.1	489
21 - 24		*	*	0.1	0.1	0.1	0.1	0.1	*	*	*	*	*	0.6	93
25 - 33		*	-	*	*	*	*	0.1	*	*	*	-	-	0.2	27
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	4.9	6.1	11.5	20.6	15.8	9.1	6.7	5.0	4.7	5.9	4.7	4.3	100.0	
TOTAL N	100	769	952	1790	3210	2473	1427	1047	779	726	920	738	675		15606

(\* < 0.05%)

STATION: 42003

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

Month: AUG

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.7	0.1	0.1	0.1	0.2	*	0.1	0.1	0.1	0.1	0.1	*	0.1	2.8	468
1 - 3		1.2	1.2	1.6	1.8	1.6	1.5	1.0	1.2	1.0	1.1	0.9	1.0	15.0	2554
4 - 6		1.3	2.2	3.6	4.4	3.6	2.5	1.6	1.4	1.6	1.5	1.2	1.3	26.0	4427
7 - 10		1.4	2.6	5.3	7.4	5.0	2.7	1.6	1.7	1.9	1.3	1.4	1.5	33.9	5757
11 - 15		0.5	1.0	2.6	4.3	2.9	1.5	0.8	1.0	0.8	0.6	0.7	0.5	17.3	2937
16 - 20		0.1	0.2	0.7	0.7	0.5	0.4	0.4	0.5	0.2	0.1	0.1	0.1	4.1	703
21 - 24		*	*	*	0.1	0.1	0.1	0.1	0.1	*	*	*	*	0.6	108
25 - 33		*	-	-	*	*	*	*	*	*	*	-	*	0.2	29
34 - 47		-	-	-	-	-	-	*	*	-	*	*	*	0.1	16
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.7	4.6	7.4	14.0	18.8	13.8	8.8	5.7	6.0	5.6	4.5	4.4	4.5	100.0	
TOTAL N	290	790	1254	2374	3204	2349	1503	967	1024	956	773	743	772		16999

(\* < 0.05%)

STATION: 42003

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	0.1	*	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1	*	0.1	1.1	168
1 - 3		0.9	0.9	1.3	1.5	1.3	1.0	0.8	0.6	0.6	0.5	0.7	0.8	11.0	1677
4 - 6		1.1	1.6	3.7	4.3	2.9	1.7	1.3	0.7	0.6	0.6	0.7	1.0	20.2	3070
7 - 10		1.1	2.7	6.8	7.5	4.6	2.0	1.3	0.9	0.7	0.5	0.6	0.7	29.4	4471
11 - 15		0.9	2.0	4.8	7.3	4.5	2.0	1.1	0.8	0.5	0.3	0.2	0.4	24.8	3777
16 - 20		0.4	0.8	2.1	2.0	1.9	0.6	0.8	0.4	0.2	*	0.1	0.1	9.5	1453
21 - 24		*	0.3	0.7	0.7	0.3	0.1	0.3	0.2	*	*	*	*	2.6	398
25 - 33		*	0.1	0.3	0.2	0.1	0.1	0.3	0.1	*	*	*	-	1.2	177
34 - 47		*	0.1	*	*	*	-	*	*	*	*	*	*	0.2	33
> 48		-	*	-	-	-	-	*	-	*	*	-	-	0.1	9
TOTAL %	0.4	4.6	8.5	19.9	23.6	15.6	7.4	6.1	3.8	2.6	2.0	2.3	3.2	100.0	
TOTAL N	57	705	1293	3025	3591	2374	1130	935	576	392	309	357	489		15233

(\* < 0.05%)

STATION: 42003

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

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	0.1	*	*	*	*	*	*	-	*	*	*	*	0.5	80
1 - 3		0.4	0.4	0.5	0.4	0.5	0.4	0.3	0.2	0.2	0.3	0.4	0.4	4.4	712
4 - 6		0.9	1.2	1.6	1.5	1.1	0.9	0.5	0.4	0.4	0.4	0.5	0.7	9.8	1590

7 - 10	2.1	3.6	4.8	4.3	3.0	1.4	0.8	0.5	0.3	0.4	0.4	1.0	22.6	3648
11 - 15	2.9	5.8	9.2	6.8	3.9	1.1	0.9	0.2	0.2	0.3	0.3	0.9	32.4	5231
16 - 20	1.9	3.3	6.4	5.8	2.1	0.5	0.5	0.1	0.2	0.1	0.1	0.8	21.6	3494
21 - 24	0.5	1.0	2.2	1.4	0.4	0.2	0.1	0.2	*	0.1	*	0.4	6.5	1050
25 - 33	0.1	0.2	0.3	0.4	0.1	0.1	0.2	0.2	0.1	*	*	0.1	2.0	325
34 - 47	-	*	-	-	-	*	0.1	*	*	-	-	-	0.1	24
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	8.9	15.5	25.0	20.5	11.0	4.6	3.4	1.7	1.5	1.5	1.7	4.3	100.0
TOTAL N	37	1430	2497	4037	3316	1779	750	553	282	246	249	282	696	16154

(\* < 0.05%)

STATION: 42003

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

Month: NOV

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	0.1	*	-	*	-	*	-	*	-	*	-	*	0.3	48
1 - 3		0.2	0.4	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.1	482
4 - 6		0.7	1.0	1.0	1.1	0.9	0.8	0.5	0.3	0.4	0.4	0.4	0.5	8.0	1238
7 - 10		1.8	2.4	3.1	3.8	2.8	1.7	0.9	0.5	0.5	0.5	0.5	0.8	19.4	2985
11 - 15		3.1	4.3	5.9	6.8	4.9	2.6	1.1	0.5	0.5	0.6	0.8	1.6	32.6	5029
16 - 20		2.5	4.0	5.3	4.4	3.4	2.1	0.8	0.5	0.4	0.3	0.5	1.6	25.6	3953
21 - 24		1.0	1.8	1.9	0.8	0.6	0.5	0.2	0.1	0.1	0.1	0.1	0.6	7.7	1189
25 - 33		0.6	0.5	0.7	0.5	0.1	*	*	0.1	0.1	0.1	*	0.2	2.8	429
34 - 47		0.1	*	0.2	*	-	-	-	*	*	-	-	-	0.4	56
> 48		*	*	*	-	-	-	-	*	-	-	-	-	0.1	8
TOTAL %	0.1	9.9	14.4	18.4	17.7	13.1	7.8	3.8	2.1	2.2	2.3	2.7	5.5	100.0	
TOTAL N	17	1531	2215	2832	2735	2012	1208	586	330	345	354	409	843		15417

(\* < 0.05%)

STATION: 42003

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

Month: DEC

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	*	*	*	*	*	*	*	-	*	*	*	*	0.3	43
1 - 3		0.3	0.5	0.3	0.4	0.3	0.2	0.1	0.2	0.2	0.2	0.2	0.2	3.3	519
4 - 6		0.8	1.2	1.1	1.1	0.9	0.5	0.4	0.2	0.3	0.3	0.3	0.4	7.7	1218
7 - 10		1.7	2.9	3.0	3.0	2.7	1.6	1.0	0.6	0.4	0.4	0.4	1.0	18.7	2958
11 - 15		2.6	5.0	4.9	6.4	6.5	3.6	1.7	0.9	0.5	0.4	0.7	1.7	34.7	5502
16 - 20		2.4	3.5	3.2	4.2	4.6	1.7	1.1	0.9	0.3	0.3	1.1	2.0	25.2	3999
21 - 24		1.1	0.9	0.7	0.9	1.0	0.3	0.2	0.3	0.2	0.2	0.5	1.1	7.5	1182
25 - 33		0.4	0.3	0.2	0.2	0.1	0.1	0.1	*	0.1	0.1	0.5	0.7	2.6	407
34 - 47		-	*	-	-	-	-	-	-	-	*	*	*	0.1	14
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	9.3	14.2	13.4	16.2	16.1	8.0	4.7	3.3	1.8	2.0	3.9	7.1	100.0	
TOTAL N	11	1480	2247	2120	2561	2551	1263	741	518	292	317	613	1128		15842

(\* < 0.05%)

STATION: 42003

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

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	0.1	*	*	*	*	*	*	*	*	*	*	*	0.8	1422
1 - 3		0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.5	0.5	0.5	7.3	12958
4 - 6		1.0	1.3	1.9	2.3	2.0	1.4	1.0	0.7	0.6	0.6	0.6	0.7	14.1	25021
7 - 10		1.6	2.4	4.2	5.5	4.4	2.5	1.5	0.9	0.7	0.7	0.7	1.1	26.1	46286
11 - 15		1.8	2.7	4.5	6.2	5.0	2.6	1.5	0.8	0.5	0.5	0.6	1.2	27.9	49466
16 - 20		1.3	1.7	2.5	3.0	2.8	1.7	1.0	0.6	0.3	0.3	0.5	1.0	16.6	29424
21 - 24		0.5	0.6	0.7	0.7	0.6	0.4	0.3	0.2	0.1	0.1	0.3	0.5	5.0	8777
25 - 33		0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.3	0.3	2.0	3504
34 - 47		*	*	*	*	*	*	*	*	*	*	*	*	0.1	247
> 48		*	*	*	-	*	-	*	*	*	*	*	-	0.0	19
TOTAL %	0.4	7.1	9.7	14.7	18.7	15.7	9.5	6.2	3.8	2.7	2.7	3.5	5.3	100.0	
TOTAL N	647	12604	17196	26125	33209	27735	16809	10930	6701	4801	4795	6123	9449		177124

(\* < 0.05%)

STATION: 42003

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	0.1	*	*	*	*	*	*	*	*	*	*	*	*	0.2	92
1 - 3		0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.3	3.6	1536
4 - 6		0.9	1.1	1.0	1.1	1.0	0.7	0.6	0.4	0.2	0.3	0.3	0.5	8.2	3468
7 - 10		1.8	2.3	2.8	3.2	3.0	1.8	1.4	0.8	0.4	0.4	0.7	1.2	19.6	8327
11 - 15		2.8	3.7	4.3	5.3	5.5	3.2	2.0	1.0	0.5	0.5	0.8	2.1	31.6	13451
16 - 20		2.4	2.6	2.8	3.4	4.4	2.4	1.5	0.9	0.4	0.4	1.1	2.2	24.6	10442
21 - 24		1.1	0.8	0.8	1.0	0.9	0.6	0.5	0.4	0.2	0.3	0.7	1.1	8.4	3559
25 - 33		0.4	0.3	0.2	0.3	0.2	0.1	0.3	0.1	0.1	0.2	0.7	0.8	3.7	1586
34 - 47		*	*	-	-	*	*	*	-	-	*	*	*	0.1	46
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	9.8	11.2	12.3	14.7	15.4	9.2	6.5	3.7	2.0	2.2	4.5	8.3	100.0	
TOTAL N	30	4167	4747	5232	6260	6557	3898	2756	1592	869	953	1920	3526		42507

(\* < 0.05%)

STATION: 42003

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	*	*	*	*	*	*	*	*	*	*	*	*	0.4	152
1 - 3		0.3	0.5	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.3	0.3	0.4	4.4	1784
4 - 6		0.8	1.1	1.3	1.7	1.6	1.1	0.7	0.5	0.4	0.4	0.5	0.5	10.6	4314
7 - 10		1.5	2.2	4.0	5.3	4.6	2.9	1.6	0.7	0.5	0.4	0.6	1.1	25.4	10326
11 - 15		1.7	2.4	4.3	7.0	6.6	4.1	2.0	0.9	0.4	0.4	0.5	1.4	31.6	12860
16 - 20		1.3	1.5	1.7	3.3	4.1	3.4	1.5	0.7	0.3	0.3	0.6	1.0	19.6	7984
21 - 24		0.5	0.4	0.3	0.8	0.9	0.8	0.6	0.2	0.1	0.1	0.5	0.4	5.6	2287
25 - 33		0.3	0.1	0.1	0.2	0.3	0.2	0.3	0.1	*	0.1	0.3	0.2	2.2	909
34 - 47		*	-	-	*	-	*	*	*	-	*	0.1	*	0.2	66
> 48		-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	0.2	6.5	8.3	12.2	18.9	18.5	12.8	7.0	3.4	2.0	2.0	3.3	5.0	100.0	
TOTAL N	62	2629	3360	4948	7671	7532	5213	2860	1392	809	814	1348	2045		40683

(\* < 0.05%)

STATION: 42003

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1	1.9	882
1 - 3		1.2	1.3	1.4	1.6	1.5	1.3	1.1	1.0	0.9	1.0	0.9	1.0	14.4	6767
4 - 6		1.3	1.8	3.0	4.0	3.6	2.6	1.7	1.4	1.3	1.2	1.1	1.1	24.1	11341
7 - 10		1.4	2.3	5.0	8.0	6.3	3.5	2.2	1.5	1.4	1.3	1.1	1.2	35.1	16529
11 - 15		0.5	0.9	2.7	5.6	3.7	1.7	1.1	0.9	0.7	0.7	0.6	0.5	19.3	9118
16 - 20		0.1	0.1	0.6	1.1	0.7	0.4	0.5	0.4	0.2	0.2	0.1	0.1	4.5	2098
21 - 24		*	*	*	0.1	0.1	0.1	0.1	0.1	*	*	*	*	0.6	294
25 - 33		*	-	*	*	*	*	*	*	*	*	*	*	0.2	78
34 - 47		-	-	*	-	-	*	*	*	*	*	*	*	0.0	22
> 48		-	-	-	-	*	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.9	4.5	6.5	12.8	20.4	15.9	9.8	6.9	5.4	4.5	4.5	3.8	3.9	100.0	
TOTAL N	444	2142	3084	6051	9636	7481	4610	3240	2529	2140	2116	1807	1850		47130

(\* < 0.05%)

STATION: 42003

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

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	0.1	*	*	0.1	*	*	*	*	*	*	*	*	0.6	296
1 - 3		0.5	0.6	0.7	0.8	0.7	0.5	0.5	0.3	0.3	0.3	0.5	0.5	6.1	2871
4 - 6		0.9	1.2	2.1	2.3	1.6	1.1	0.8	0.4	0.4	0.5	0.5	0.7	12.6	5898
7 - 10		1.7	2.9	4.9	5.2	3.5	1.7	1.0	0.6	0.5	0.5	0.5	0.9	23.7	11104
11 - 15		2.3	4.0	6.7	6.9	4.4	1.9	1.0	0.5	0.4	0.4	0.4	1.0	30.0	14037
16 - 20		1.6	2.7	4.7	4.1	2.5	1.0	0.7	0.3	0.2	0.1	0.2	0.8	19.0	8900
21 - 24		0.5	1.0	1.6	0.9	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.3	5.6	2637
25 - 33		0.2	0.3	0.4	0.3	0.1	0.1	0.2	0.1	0.1	*	*	0.1	2.0	931
34 - 47		*	*	0.1	*	*	*	*	*	*	*	*	*	0.2	113
> 48		*	*	*	-	-	-	*	*	*	*	-	-	0.0	17
TOTAL %	0.2	7.8	12.8	21.1	20.6	13.2	6.6	4.4	2.5	2.1	1.9	2.2	4.3	100.0	
TOTAL N	111	3666	6005	9894	9642	6165	3088	2074	1188	983	912	1048	2028		46804

(\* < 0.05%)

STATION: 42003

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

Month: JAN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.2	21
1 - 3	0.3	2.2	0.4	*	-	-	-	-	-	-	-	-	-	-	-	2.9	364
4 - 6	0.8	5.7	0.5	0.1	*	-	-	-	-	-	-	-	-	-	-	7.1	885
7 - 10	1.3	15.5	1.7	0.1	*	-	-	-	-	-	-	-	-	-	-	18.6	2325
11 - 15	0.4	22.4	6.6	0.6	0.1	*	-	-	-	-	-	-	-	-	-	30.2	3771
16 - 20	*	9.6	12.7	1.9	0.2	0.1	-	-	-	-	-	-	-	-	-	24.4	3049
21 - 24	-	0.8	4.7	2.6	0.4	0.1	-	-	-	-	-	-	-	-	-	8.6	1071
25 - 33	-	0.1	1.2	1.8	0.9	0.2	0.1	-	-	-	-	-	-	-	-	4.3	531
34 - 47	-	*	*	*	*	*	-	-	-	-	-	-	-	-	-	0.1	13
> 48	0.1	3.1	0.2	0.2	0.1	-	-	-	-	-	-	-	-	-	-	3.7	462
TOTAL %	2.9	59.5	28.1	7.5	1.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	363	7427	3509	936	209	41	7	0	0	0	0	0	0	0	0		12492

(\* < 0.05%)

STATION: 42003

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

Month: FEB

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.2	20
1 - 3	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	487
4 - 6	1.1	2.9	0.1	*	-	-	-	-	-	-	-	-	-	-	-	8.3	962
7 - 10	1.4	6.6	0.3	*	*	-	-	-	-	-	-	-	-	-	-	19.0	2211
11 - 15	1.6	15.8	1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	28.0	3269
16 - 20	0.4	20.7	6.7	0.3	*	-	-	-	-	-	-	-	-	-	-	23.7	2768
21 - 24	*	9.0	12.7	2.0	0.1	-	-	-	-	-	-	-	-	-	-	8.9	1032
25 - 33	-	0.7	5.5	2.4	0.4	*	-	-	-	-	-	-	-	-	-	4.4	516
34 - 47	-	0.1	1.3	2.0	0.8	0.2	0.1	*	-	-	-	-	-	-	-	0.1	16
> 48	-	-	-	*	*	0.1	*	-	-	-	-	-	-	-	-	3.2	374
TOTAL %	5.1	57.9	28.5	6.9	1.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	591	6747	3321	802	154	27	10	3	0	0	0	0	0	0	0		11655

(\* < 0.05%)

STATION: 42003

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

Month: MAR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.2	22
1 - 3	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	3.0	398
4 - 6	0.9	1.9	0.2	*	-	-	-	-	-	-	-	-	-	-	-	8.1	1056
7 - 10	1.7	6.0	0.4	*	-	-	-	-	-	-	-	-	-	-	-	20.6	2688
11 - 15	2.0	16.7	1.7	0.2	*	-	-	-	-	-	-	-	-	-	-	30.0	3918
16 - 20	0.5	22.1	6.9	0.4	0.1	-	-	-	-	-	-	-	-	-	-	23.5	3073
21 - 24	*	8.6	12.1	2.6	0.2	*	-	-	-	-	-	-	-	-	-	9.6	1260
25 - 33	-	0.6	5.3	3.1	0.6	0.1	*	-	-	-	-	-	-	-	-	4.5	591
34 - 47	-	*	0.9	2.1	1.2	0.2	*	*	-	*	-	-	-	-	-	0.4	48
> 48	-	-	*	0.1	0.1	0.1	-	*	*	*	-	-	-	-	-	0.1	10
TOTAL %	5.2	56.1	27.4	8.5	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	680	7323	3585	1104	304	49	5	4	4	6	0	0	0	0	0		13064

(\* < 0.05%)

STATION: 42003

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

Month: APR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.4	49
1 - 3	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	3.7	521
4 - 6	1.1	2.6	0.1	*	*	-	-	-	-	-	-	-	-	-	-	9.0	1254
7 - 10	2.3	6.4	0.2	*	*	-	-	-	-	-	-	-	-	-	-	22.9	3199
11 - 15	2.7	19.3	0.9	0.1	*	-	-	-	-	-	-	-	-	-	-	29.7	4143
16 - 20	0.5	23.4	5.6	0.2	*	-	-	-	-	-	-	-	-	-	-	20.5	2853
21 - 24	-	9.2	10.5	0.7	0.1	*	-	-	-	-	-	-	-	-	-	5.2	724
25 - 33	-	0.7	3.6	0.9	0.1	-	-	-	-	-	-	-	-	-	-	1.4	200
34 - 47	-	0.1	0.7	0.5	0.1	*	-	-	-	-	-	-	-	-	-	0.1	11
> 48	-	-	*	*	*	*	-	-	-	-	-	-	-	-	-	7.1	997
TOTAL %	7.6	65.8	23.8	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	

TOTAL N 1058 9183 3315 348 43 4 0 0 0 0 0 0 0 0 0 0 13951  
 (\* < 0.05%)

STATION: 42003

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

Month: MAY

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	0.3	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.5	66
4 - 6	2.8	2.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.6	744
7 - 10	6.1	7.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	13.6	1798
11 - 15	6.8	21.8	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	29.3	3878
16 - 20	1.1	25.8	4.2	0.1	-	-	-	-	-	-	-	-	-	-	-	31.2	4131
21 - 24	*	6.2	6.0	0.1	*	*	-	-	-	-	-	-	-	-	-	12.4	1639
25 - 33	*	0.3	0.9	0.1	*	-	-	-	-	-	-	-	-	-	-	1.3	173
34 - 47	-	*	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	0.3	41
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	19.4	67.4	12.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2570	8913	1678	60	11	1	0	0	0	0	0	0	0	0	0		13233

STATION: 42003

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

Month: JUN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	0.7	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	161
4 - 6	5.6	5.2	*	*	-	-	-	-	-	-	-	-	-	-	-	10.8	1510
7 - 10	7.8	12.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	20.0	2786
11 - 15	6.8	27.4	0.4	*	-	-	-	-	-	-	-	-	-	-	-	34.6	4812
16 - 20	0.9	18.6	2.1	0.1	-	-	-	-	-	-	-	-	-	-	-	21.7	3023
21 - 24	0.1	3.1	2.7	0.1	*	-	-	-	-	-	-	-	-	-	-	5.9	823
25 - 33	*	0.3	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.6	77
34 - 47	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	9
> 48	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	22.3	71.5	5.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3105	9948	821	43	1	0	0	0	0	0	0	0	0	0	0		13918

STATION: 42003

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

Month: JUL

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	1.0	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	229
4 - 6	9.6	6.0	*	-	-	-	-	-	-	-	-	-	-	-	-	15.7	2434
7 - 10	11.4	12.3	*	-	-	-	-	-	-	-	-	-	-	-	-	23.8	3697
11 - 15	8.3	24.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	33.0	5130
16 - 20	1.1	15.2	1.1	*	-	-	-	-	-	-	-	-	-	-	-	17.3	2688
21 - 24	0.1	1.9	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	3.0	473
25 - 33	*	0.3	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	0.6	87
34 - 47	*	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	26
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	32.1	64.8	2.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4986	10061	441	37	8	0	0	0	0	0	0	0	0	0	0		15533

STATION: 42003

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

Month: AUG

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	2.0	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	465
4 - 6	9.9	5.2	*	-	-	-	-	-	-	-	-	-	-	-	-	15.1	2465
7 - 10	15.2	10.8	*	-	-	-	-	-	-	-	-	-	-	-	-	26.0	4257
> 48	11.4	22.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	33.8	5531

11 - 15	1.5	14.2	1.3	*	-	-	-	-	-	-	-	-	-	-	-	17.0	2787
16 - 20	0.1	2.4	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	4.1	671
21 - 24	*	0.2	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	0.6	102
25 - 33	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	29
34 - 47	-	-	*	*	*	*	*	-	-	-	-	-	-	-	-	0.1	16
> 48	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	28
TOTAL %	40.3	55.9	3.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6590	9135	570	44	4	4	4	0	0	0	0	0	0	0	0		16351

(\* < 0.05%)

STATION: 42003

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

Month: SEP

		WAVE HEIGHT																
WIND SPEED		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
0		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.1	157
1 - 3		0.7	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	10.7	1503
4 - 6		7.0	3.6	0.1	*	-	-	-	-	-	-	-	-	-	-	-	20.0	2814
7 - 10		11.4	8.4	0.1	*	-	-	-	-	-	-	-	-	-	-	-	28.9	4077
11 - 15		8.7	19.6	0.5	*	-	-	-	-	-	-	-	-	-	-	-	24.9	3507
16 - 20		1.3	20.3	3.2	0.1	*	-	-	-	-	-	-	-	-	-	-	10.2	1433
21 - 24		0.1	4.1	5.2	0.7	*	-	-	-	-	-	-	-	-	-	-	2.7	385
25 - 33		*	0.3	1.6	0.6	0.2	*	-	-	-	-	-	-	-	-	-	1.2	176
34 - 47		*	*	0.3	0.4	0.4	0.1	*	*	-	-	-	-	-	-	-	0.2	29
> 48		-	-	-	*	0.1	0.1	0.1	*	*	*	-	-	-	-	-	0.2	23
		*	0.1	*	-	*	*	*	*	-	*	-	-	-	-	-		
TOTAL %		29.2	56.8	11.1	1.9	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		4117	8009	1563	272	99	26	11	4	1	2	0	0	0	0	0		14104

(\* < 0.05%)

STATION: 42003

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

Month: OCT

		WAVE HEIGHT																
WIND SPEED		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
0		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.5	71
1 - 3		0.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	596
4 - 6		2.2	1.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	9.7	1396
7 - 10		4.0	5.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	22.4	3221
11 - 15		3.7	17.8	0.8	*	-	-	-	-	-	-	-	-	-	-	-	32.4	4670
16 - 20		0.6	25.3	6.3	0.2	*	*	-	-	-	-	-	-	-	-	-	21.5	3094
21 - 24		*	8.0	12.0	1.4	*	*	-	-	-	-	-	-	-	-	-	6.5	941
25 - 33		-	0.3	3.3	2.7	0.2	*	-	-	-	-	-	-	-	-	-	2.1	296
34 - 47		-	*	0.3	1.2	0.5	*	*	-	-	-	-	-	-	-	-	0.1	19
> 48		-	-	-	*	*	*	*	*	-	-	-	-	-	-	-	0.7	96
		*	0.5	0.2	*	*	-	-	-	-	-	-	-	-	-	-		
TOTAL %		10.8	59.6	23.2	5.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		1553	8579	3340	797	109	12	6	4	0	0	0	0	0	0	0		14400

(\* < 0.05%)

STATION: 42003

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

Month: NOV

		WAVE HEIGHT																
WIND SPEED		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
0		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.3	35
1 - 3		0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	367
4 - 6		0.8	2.0	0.1	*	-	-	-	-	-	-	-	-	-	-	-	7.1	894
7 - 10		1.6	5.2	0.2	*	-	-	-	-	-	-	-	-	-	-	-	19.4	2443
11 - 15		1.9	16.3	1.1	*	-	-	-	-	-	-	-	-	-	-	-	34.0	4287
16 - 20		0.4	25.5	7.9	0.3	-	-	-	-	-	-	-	-	-	-	-	25.7	3246
21 - 24		*	8.0	15.8	1.8	0.2	*	-	-	-	-	-	-	-	-	-	7.4	939
25 - 33		-	0.7	4.7	1.8	0.2	*	-	*	-	-	-	-	-	-	-	2.6	325
34 - 47		-	*	0.6	1.2	0.5	0.3	*	*	-	-	*	-	-	-	-	0.4	56
> 48		-	-	-	-	0.1	0.2	0.1	*	*	-	-	-	-	-	-	0.2	19
		*	0.1	*	-	-	-	*	*	-	*	-	*	-	-	-		
TOTAL %		4.8	58.0	30.3	5.2	0.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		611	7311	3822	654	114	59	23	9	4	2	1	1	0	0	0		12611

(\* < 0.05%)

STATION: 42003

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

Month: DEC

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.2	31
1 - 3	0.9	2.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.2	416
4 - 6	1.5	5.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	7.1	914
7 - 10	1.3	15.5	1.4	*	-	-	-	-	-	-	-	-	-	-	-	18.3	2346
11 - 15	0.3	26.1	7.8	0.4	*	-	-	-	-	-	-	-	-	-	-	34.5	4439
16 - 20	-	8.7	14.5	2.8	0.1	-	-	-	-	-	-	-	-	-	-	26.0	3347
21 - 24	-	0.5	4.1	2.6	0.4	*	-	-	-	-	-	-	-	-	-	7.7	984
25 - 33	-	0.1	0.7	1.1	0.7	0.2	-	-	-	-	-	-	-	-	-	2.7	348
34 - 47	-	-	*	*	*	0.1	-	-	-	-	-	-	-	-	-	0.1	14
> 48	-	0.1	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	13
TOTAL %	4.0	58.7	29.0	6.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	515	7541	3731	885	148	32	0	0	0	0	0	0	0	0	0		12852

(\* < 0.05%)

STATION: 42003

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

All Months: Annual

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.8	1327
1 - 3	3.8	3.3	0.1	*	*	-	-	-	-	-	-	-	-	-	-	7.2	11805
4 - 6	5.8	7.8	0.2	*	*	-	-	-	-	-	-	-	-	-	-	13.8	22713
7 - 10	5.0	19.6	0.9	0.1	*	-	-	-	-	-	-	-	-	-	-	25.5	41861
11 - 15	0.8	21.4	4.8	0.2	*	*	-	-	-	-	-	-	-	-	-	27.2	44633
16 - 20	*	6.4	8.5	1.1	0.1	*	-	-	-	-	-	-	-	-	-	16.1	26469
21 - 24	*	0.4	2.7	1.4	0.2	*	*	-	*	-	-	-	-	-	-	4.7	7775
25 - 33	*	0.1	0.5	0.8	0.4	0.1	*	*	-	*	*	-	-	-	-	1.9	3088
34 - 47	-	*	*	*	*	*	*	*	*	*	*	-	-	-	-	0.1	223
> 48	0.4	1.8	0.4	*	*	*	*	*	-	*	-	*	-	-	-	2.6	4270
TOTAL %	16.3	61.0	18.1	3.6	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	26739	100177	29696	5982	1204	255	66	24	9	10	1	1	0	0	0		164164

(\* < 0.05%)

STATION: 42003

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.2	72
1 - 3	0.8	2.4	0.2	*	-	-	-	-	-	-	-	-	-	-	-	3.4	1267
4 - 6	1.2	5.9	0.3	*	*	-	-	-	-	-	-	-	-	-	-	7.5	2761
7 - 10	1.4	15.6	1.5	0.1	*	-	-	-	-	-	-	-	-	-	-	18.6	6882
11 - 15	0.4	23.1	7.1	0.4	0.1	*	-	-	-	-	-	-	-	-	-	31.0	11479
16 - 20	*	9.1	13.3	2.2	0.1	*	-	-	9.1	-	-	-	-	-	-	24.8	9164
21 - 24	-	0.7	4.7	2.5	0.4	*	-	-	-	-	-	-	-	-	-	8.3	3087
25 - 33	-	0.1	1.1	1.6	0.8	0.2	*	*	-	-	-	-	-	-	-	3.8	1395
34 - 47	-	*	*	*	*	*	*	-	-	-	-	-	-	-	-	0.1	43
> 48	0.2	1.7	0.3	0.1	*	-	-	-	-	-	-	-	-	-	-	2.3	849
TOTAL %	4.0	58.7	28.5	7.1	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1469	21715	10561	2623	511	100	17	3	0	0	0	0	0	0	0		36999

(\* < 0.05%)

STATION: 42003

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.3	137
1 - 3	1.6	2.4	0.1	*	*	-	-	-	-	-	-	-	-	-	-	4.1	1663
4 - 6	3.3	6.6	0.3	*	*	-	-	-	-	-	-	-	-	-	-	10.2	4108
7 - 10	3.8	19.3	1.1	0.1	*	-	-	-	-	-	-	-	-	-	-	24.3	9765
11 - 15	0.7	23.8	5.5	0.2	*	-	-	-	-	-	-	-	-	-	-	30.3	12192
16 - 20	*	8.0	9.5	1.1	0.1	*	-	-	-	-	-	-	-	-	-	18.8	7565
21 - 24	*	0.5	3.3	1.3	0.2	*	*	-	-	-	-	-	-	-	-	5.4	2157
25 - 33	-	0.1	0.6	0.9	0.4	0.1	*	*	-	*	-	-	-	-	-	2.1	832
34 - 47	-	-	*	*	0.1	*	-	*	*	*	-	-	-	-	-	0.1	59
> 48	1.1	2.3	0.9	0.1	*	-	-	*	-	-	-	-	-	-	-	4.4	1770
TOTAL %	10.7	63.2	21.3	3.8	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	



TOTAL N 4308 25419 8578 1512 358 54 5 4 4 6 0 0 0 0 0 40248  
 (\* < 0.05%)

STATION: 42003

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.9	855	
1 - 3	1.3	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.0	6409
4 - 6	8.5	5.5	*	*	-	-	-	-	-	-	-	-	-	-	-	-	23.4	10740
7 - 10	11.7	11.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	33.8	15473
11 - 15	9.0	24.5	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	18.6	8498
16 - 20	1.2	15.9	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.3	1967
21 - 24	0.1	2.5	1.7	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.6	266
25 - 33	*	0.2	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	64
34 - 47	*	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	17
> 48	-	-	*	*	*	*	*	*	-	-	-	-	-	-	-	-	3.3	1513
TOTAL %	0.4	2.7	0.2	*	*	-	-	-	-	-	-	-	-	-	-	-	100.0	
TOTAL N	32.1	63.6	4.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14681	29144

(\* < 0.05%)

STATION: 42003

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

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.6	263	
1 - 3	0.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	2466
4 - 6	3.4	2.5	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	12.4	5104
7 - 10	5.8	6.4	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	23.7	9741
11 - 15	4.9	18.0	0.8	*	-	-	-	-	-	-	-	-	-	-	-	-	30.3	12464
16 - 20	0.8	23.6	5.7	0.2	*	*	-	-	-	-	-	-	-	-	-	-	18.9	7773
21 - 24	*	6.7	10.8	1.3	0.1	*	-	-	-	-	-	-	-	-	-	-	5.5	2265
25 - 33	*	0.4	3.2	1.7	0.2	*	-	*	-	-	-	-	-	-	-	-	1.9	797
34 - 47	*	*	0.4	0.9	0.5	0.1	*	*	*	*	*	-	-	-	-	-	0.3	104
> 48	-	-	-	*	0.1	0.1	0.1	*	*	*	-	-	-	-	-	-	0.3	138
TOTAL %	*	0.2	0.1	*	*	*	*	*	-	*	-	*	-	-	-	-	100.0	
TOTAL N	15.3	58.1	21.2	4.2	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6281	23899

(\* < 0.05%)

STATION: 42003

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

Month: JAN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	13
2.5 - 3.4	0.2	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	219
3.5 - 4.4	0.7	4.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.4	644
4.5 - 5.4	1.0	15.4	1.1	-	-	-	-	-	-	-	-	-	-	-	-	17.5	2107
5.5 - 6.4	0.7	23.6	6.4	0.1	-	-	-	-	-	-	-	-	-	-	-	30.9	3710
6.5 - 7.4	0.3	11.5	11.3	1.0	*	-	-	-	-	-	-	-	-	-	-	24.1	2891
7.5 - 8.4	0.1	3.1	8.0	4.0	0.3	*	-	-	-	-	-	-	-	-	-	15.6	1876
8.5 - 9.4	-	0.2	0.7	1.5	0.6	*	*	-	-	-	-	-	-	-	-	3.2	381
9.5 - 10.4	-	*	0.2	0.4	0.4	0.1	*	-	-	-	-	-	-	-	-	1.2	144
10.5 - 11.4	-	-	*	*	0.1	0.1	*	-	-	-	-	-	-	-	-	0.2	29
TOTAL %	3.0	60.2	27.9	7.1	1.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	363	7237	3352	853	173	29	7	0	0	0	0	0	0	0	0	363	7237

(\* < 0.05%)

STATION: 42003

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

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	19
2.5 - 3.4	0.2	1.3	*	-	-	-	-	-	-	-	-	-	-	-	-	1.5	169

3.5 - 4.4	1.4	4.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.9	660
4.5 - 5.4	1.5	14.4	0.8	-	-	-	-	-	-	-	-	-	-	-	-	16.7	1874
5.5 - 6.4	0.9	22.2	6.5	0.1	-	-	-	-	-	-	-	-	-	-	-	29.7	3328
6.5 - 7.4	0.6	12.6	12.3	1.1	*	-	-	-	-	-	-	-	-	-	-	26.6	2987
7.5 - 8.4	0.4	2.8	8.0	3.9	0.3	*	-	-	-	-	-	-	-	-	-	15.4	1729
8.5 - 9.4	0.1	0.4	0.5	1.2	0.5	*	-	-	-	-	-	-	-	-	-	2.7	298
9.5 - 10.4	-	*	0.1	0.4	0.3	*	-	-	-	-	-	-	-	-	-	0.9	105
10.5 - 11.4	-	-	-	0.1	0.1	0.1	0.1	*	-	-	-	-	-	-	-	0.4	42
11.5 - 12.4	-	-	-	-	-	-	-	*	*	-	-	-	-	-	-	0.0	2
12.5 - 13.4	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	0.1	11
TOTAL %	5.1	58.2	28.3	6.7	1.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	574	6530	3175	757	148	27	10	3	0	0	0	0	0	0	0		11224

(\* < 0.05%)

STATION: 42003

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
2.5 - 3.4	0.3	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	207
3.5 - 4.4	1.1	3.9	*	-	-	-	-	-	-	-	-	-	-	-	-	5.1	636
4.5 - 5.4	1.8	13.5	0.6	*	-	-	-	-	-	-	-	-	-	-	-	16.0	2010
5.5 - 6.4	1.3	23.6	4.2	0.1	-	-	-	-	-	-	-	-	-	-	-	29.2	3679
6.5 - 7.4	0.5	10.5	11.2	0.8	*	-	-	-	-	-	-	-	-	-	-	23.0	2897
7.5 - 8.4	0.2	3.0	9.6	4.4	0.4	*	-	-	-	-	-	-	-	-	-	17.6	2212
8.5 - 9.4	0.1	0.3	1.2	2.1	0.9	0.1	-	-	-	-	-	-	-	-	-	4.8	599
9.5 - 10.4	*	*	0.2	0.8	0.8	0.2	-	*	-	-	-	-	-	-	-	2.1	258
10.5 - 11.4	*	-	*	0.1	0.2	0.1	-	*	*	-	-	-	-	-	-	0.5	58
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	*	*	-	*	*	-	-	-	-	-	0.1	12
13.5 - 14.4	-	-	-	-	-	-	-	*	*	*	-	-	-	-	-	0.0	5
TOTAL %	5.4	56.3	27.1	8.3	2.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	679	7078	3405	1049	301	49	5	4	4	6	0	0	0	0	0		12580

(\* < 0.05%)

STATION: 42003

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	9
2.5 - 3.4	0.9	1.5	*	-	-	-	-	-	-	-	-	-	-	-	-	2.5	327
3.5 - 4.4	1.2	4.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.9	783
4.5 - 5.4	2.8	15.7	0.9	*	-	-	-	-	-	-	-	-	-	-	-	19.4	2558
5.5 - 6.4	1.4	25.6	5.0	*	-	-	-	-	-	-	-	-	-	-	-	32.1	4238
6.5 - 7.4	0.7	14.3	9.9	0.3	-	-	-	-	-	-	-	-	-	-	-	25.1	3323
7.5 - 8.4	0.6	3.5	7.3	1.5	*	-	-	-	-	-	-	-	-	-	-	12.9	1708
8.5 - 9.4	0.2	0.5	0.4	0.6	0.1	-	-	-	-	-	-	-	-	-	-	1.7	231
9.5 - 10.4	*	*	*	*	0.1	*	-	-	-	-	-	-	-	-	-	0.3	36
10.5 - 11.4	*	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	6
TOTAL %	7.8	65.7	23.7	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1034	8687	3139	322	33	4	0	0	0	0	0	0	0	0	0		13219

(\* < 0.05%)

STATION: 42003

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.1	12
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
2.5 - 3.4	1.9	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	426
3.5 - 4.4	4.2	5.3	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	1200
4.5 - 5.4	5.9	16.6	0.2	-	-	-	-	-	-	-	-	-	-	-	-	22.8	2897
5.5 - 6.4	3.2	25.3	2.3	*	-	-	-	-	-	-	-	-	-	-	-	30.8	3922
6.5 - 7.4	2.0	13.9	6.1	0.1	-	-	-	-	-	-	-	-	-	-	-	22.1	2814



14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	41.0	55.4	3.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6435	8698	525	44	4	4	4	0	0	0	0	0	0	0	0	0		15714

(\* < 0.05%)

STATION: 42003

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.4	59
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	21
2.5 - 3.4	3.1	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	637
3.5 - 4.4	8.5	5.8	-	-	-	-	-	-	-	-	-	-	-	-	-	14.3	1926
4.5 - 5.4	8.7	18.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	27.2	3667
5.5 - 6.4	4.4	20.3	1.8	-	-	-	-	-	-	-	-	-	-	-	-	26.5	3567
6.5 - 7.4	1.8	8.7	5.4	0.2	*	*	-	-	-	-	-	-	-	-	-	16.1	2175
7.5 - 8.4	1.3	2.0	3.1	1.1	0.3	*	-	-	-	-	-	-	-	-	-	7.8	1055
8.5 - 9.4	0.3	0.2	0.4	0.4	0.2	*	-	-	-	-	-	-	-	-	-	1.6	213
9.5 - 10.4	0.2	*	0.1	0.2	0.1	*	-	-	-	-	-	-	-	-	-	0.6	76
10.5 - 11.4	0.1	*	0.1	*	0.1	*	-	-	-	-	-	-	-	-	-	0.3	42
11.5 - 12.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	4
12.5 - 13.4	-	-	0.1	*	*	*	*	*	-	-	-	-	-	-	-	0.2	27
13.5 - 14.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
TOTAL %	28.9	57.0	11.2	2.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3888	7676	1515	269	95	23	6	3	0	0	0	0	0	0	0		13475

(\* < 0.05%)

STATION: 42003

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

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.1	20
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	12
2.5 - 3.4	1.1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	229
3.5 - 4.4	3.4	4.4	*	-	-	-	-	-	-	-	-	-	-	-	-	7.8	1082
4.5 - 5.4	3.4	15.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	19.0	2639
5.5 - 6.4	1.6	26.8	4.5	*	-	-	-	-	-	-	-	-	-	-	-	32.8	4571
6.5 - 7.4	0.7	9.9	11.5	0.6	-	-	-	-	-	-	-	-	-	-	-	22.7	3160
7.5 - 8.4	0.3	2.2	6.2	3.7	0.2	*	-	-	-	-	-	-	-	-	-	12.6	1751
8.5 - 9.4	0.1	0.3	0.4	0.9	0.3	*	*	*	-	-	-	-	-	-	-	2.0	275
9.5 - 10.4	-	0.1	0.1	0.3	0.3	*	-	*	-	-	-	-	-	-	-	0.7	100
10.5 - 11.4	-	*	0.2	0.1	0.1	*	*	*	-	-	-	-	-	-	-	0.3	46
11.5 - 12.4	-	-	0.1	*	*	-	*	-	-	-	-	-	-	-	-	0.1	15
12.5 - 13.4	-	-	*	*	0.1	-	*	*	-	-	-	-	-	-	-	0.1	16
13.5 - 14.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	10.7	59.6	23.1	5.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1491	8299	3221	779	106	12	6	4	0	0	0	0	0	0	0		13918

(\* < 0.05%)

STATION: 42003

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	10
2.5 - 3.4	0.4	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	189
3.5 - 4.4	1.4	3.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.0	604
4.5 - 5.4	1.9	13.9	0.5	-	-	-	-	-	-	-	-	-	-	-	-	16.3	1981
5.5 - 6.4	0.5	22.6	4.9	*	-	-	-	-	-	-	-	-	-	-	-	28.0	3399
6.5 - 7.4	0.5	12.3	14.9	0.6	*	-	-	-	-	-	-	-	-	-	-	28.2	3424
7.5 - 8.4	0.1	3.8	9.3	3.3	0.2	-	*	-	-	-	-	-	-	-	-	16.8	2040
8.5 - 9.4	*	0.2	0.7	1.0	0.4	0.1	*	*	-	-	-	-	-	-	-	2.6	317
9.5 - 10.4	-	*	0.1	0.3	0.2	0.3	0.1	*	*	-	-	-	-	-	-	1.2	140
10.5 - 11.4	-	-	*	*	*	*	*	*	*	-	-	-	-	-	-	0.2	29

11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	*	*	*	*	*	-	-	-	-	0.0	5
13.5 - 14.4	-	-	-	-	-	-	-	*	*	-	*	-	-	-	-	-	0.0	3
TOTAL %	4.8	57.6	30.5	5.3	0.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	587	6995	3707	646	107	59	23	9	4	2	1	1	0	0	0			12141

(\* < 0.05%)

STATION: 42003

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
2.5 - 3.4	0.2	1.3	*	-	-	-	-	-	-	-	-	-	-	-	-	1.5	184
3.5 - 4.4	1.1	3.6	*	-	-	-	-	-	-	-	-	-	-	-	-	4.7	581
4.5 - 5.4	1.0	14.8	0.9	-	-	-	-	-	-	-	-	-	-	-	-	16.7	2062
5.5 - 6.4	0.8	23.9	6.1	0.2	*	-	-	-	-	-	-	-	-	-	-	31.0	3836
6.5 - 7.4	0.7	11.9	13.4	1.0	*	-	-	-	-	-	-	-	-	-	-	27.1	3348
7.5 - 8.4	0.3	3.1	7.8	3.7	0.3	*	-	-	-	-	-	-	-	-	-	15.2	1879
8.5 - 9.4	*	0.2	0.5	1.4	0.4	*	-	-	-	-	-	-	-	-	-	2.5	314
9.5 - 10.4	-	*	0.1	0.4	0.4	0.1	-	-	-	-	-	-	-	-	-	1.1	131
10.5 - 11.4	-	-	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	0.2	27
11.5 - 12.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	4.2	58.9	28.9	6.7	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	515	7282	3569	832	139	32	0	0	0	0	0	0	0	0	0		12369

(\* < 0.05%)

STATION: 42003

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

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.2	247
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	200
2.5 - 3.4	1.2	1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	2.6	4094
3.5 - 4.4	3.6	4.6	*	-	-	-	-	-	-	-	-	-	-	-	-	8.3	13039
4.5 - 5.4	4.5	15.1	0.4	*	-	-	-	-	-	-	-	-	-	-	-	20.0	31475
5.5 - 6.4	2.8	22.5	3.4	0.1	*	-	-	-	-	-	-	-	-	-	-	28.8	45387
6.5 - 7.4	1.8	12.0	8.1	0.4	*	*	-	-	-	-	-	-	-	-	-	22.4	35272
7.5 - 8.4	2.0	4.2	5.3	2.1	0.2	*	*	-	-	-	-	-	-	-	-	13.8	21738
8.5 - 9.4	0.3	1.0	0.4	0.7	0.3	*	*	*	-	-	-	-	-	-	-	2.9	4499
9.5 - 10.4	*	0.2	0.1	0.2	0.2	0.1	*	*	*	-	-	-	-	-	-	0.8	1317
10.5 - 11.4	*	*	*	*	0.1	*	*	*	*	-	-	-	-	-	-	0.2	334
11.5 - 12.4	*	-	*	*	*	*	*	*	-	-	-	-	-	-	-	0.0	24
12.5 - 13.4	*	-	*	*	*	*	*	*	*	*	*	*	*	*	*	0.0	72
13.5 - 14.4	-	-	*	*	-	-	*	*	*	*	-	-	-	-	-	0.0	18
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	16.4	61.1	18.0	3.6	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	25897	96365	28338	5650	1126	240	61	23	8	8	1	1	0	0	0		157718

(\* < 0.05%)

STATION: 42003

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	38
2.5 - 3.4	0.2	1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	1.6	572
3.5 - 4.4	1.0	4.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.3	1885
4.5 - 5.4	1.2	14.9	0.9	-	-	-	-	-	-	-	-	-	-	-	-	17.0	6043
5.5 - 6.4	0.8	23.2	6.3	0.1	*	-	-	-	-	-	-	-	-	-	-	30.5	10874
6.5 - 7.4	0.5	12.0	12.3	1.0	*	-	-	-	-	-	-	-	-	-	-	25.9	9226
7.5 - 8.4	0.3	3.0	7.9	3.9	0.3	*	-	-	-	-	-	-	-	-	-	15.4	5484
8.5 - 9.4	*	0.3	0.6	1.4	0.5	*	*	-	-	-	-	-	-	-	-	2.8	993
9.5 - 10.4	-	*	0.2	0.4	0.4	0.1	*	-	-	-	-	-	-	-	-	1.1	380

10.5 - 11.4	-	-	*	*	0.1	0.1	*	*	-	-	-	-	-	-	-	0.3	98
11.5 - 12.4	-	-	-	-	*	-	*	*	-	-	-	-	-	-	-	0.0	3
12.5 - 13.4	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	0.0	11
TOTAL %	4.1	59.1	28.4	6.9	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1452	21049	10096	2442	460	88	17	3	0	0	0	0	0	0	0		35607

(\* < 0.05%)

STATION: 42003

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

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	13
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	29
2.5 - 3.4	1.0	1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	2.5	960
3.5 - 4.4	2.2	4.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	6.8	2619
4.5 - 5.4	3.5	15.3	0.6	*	-	-	-	-	-	-	-	-	-	-	-	19.4	7465
5.5 - 6.4	2.0	24.8	3.8	0.1	-	-	-	-	-	-	-	-	-	-	-	30.7	11839
6.5 - 7.4	1.1	12.9	9.1	0.4	*	-	-	-	-	-	-	-	-	-	-	23.4	9034
7.5 - 8.4	0.9	3.4	6.9	2.0	0.2	*	-	-	-	-	-	-	-	-	-	13.4	5159
8.5 - 9.4	0.2	0.5	0.5	0.9	0.3	*	-	-	-	-	-	-	-	-	-	2.6	998
9.5 - 10.4	*	*	0.1	0.3	0.3	0.1	-	*	-	-	-	-	-	-	-	0.8	327
10.5 - 11.4	*	-	*	*	0.1	*	-	*	*	-	-	-	-	-	-	0.2	66
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	*	*	-	*	*	-	-	-	-	-	0.0	12
13.5 - 14.4	-	-	-	-	-	-	-	*	*	*	-	-	-	-	-	0.0	5
TOTAL %	11.0	63.1	21.1	3.7	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4244	24316	8133	1415	345	54	5	4	4	6	0	0	0	0	0		38526

(\* < 0.05%)

STATION: 42003

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.4	155
0.5 - 1.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	90
2.5 - 3.4	1.7	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	1507
3.5 - 4.4	6.2	4.9	*	-	-	-	-	-	-	-	-	-	-	-	-	11.2	4923
4.5 - 5.4	7.7	14.2	*	*	-	-	-	-	-	-	-	-	-	-	-	22.0	9680
5.5 - 6.4	5.6	19.1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	25.3	11137
6.5 - 7.4	4.1	12.7	1.8	*	*	-	-	-	-	-	-	-	-	-	-	18.7	8253
7.5 - 8.4	5.5	7.4	1.1	0.1	*	-	-	-	-	-	-	-	-	-	-	14.2	6249
8.5 - 9.4	0.8	2.8	0.2	*	*	-	-	-	-	-	-	-	-	-	-	3.9	1703
9.5 - 10.4	0.1	0.5	0.1	*	*	-	-	-	-	-	-	-	-	-	-	0.7	294
10.5 - 11.4	*	0.1	*	*	-	*	-	-	-	-	-	-	-	-	-	0.1	53
11.5 - 12.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
12.5 - 13.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
13.5 - 14.4	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	0.0	2
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	32.3	63.6	3.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	14235	28030	1666	99	13	4	4	0	0	0	0	0	0	0	0		44051

(\* < 0.05%)

STATION: 42003

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

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.2	79
0.5 - 1.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	43
2.5 - 3.4	1.5	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	1055
3.5 - 4.4	4.5	4.6	*	-	-	-	-	-	-	-	-	-	-	-	-	9.1	3612
4.5 - 5.4	4.7	15.9	0.3	-	-	-	-	-	-	-	-	-	-	-	-	21.0	8287
5.5 - 6.4	2.2	23.3	3.7	-	-	-	-	-	-	-	-	-	-	-	-	29.2	11537
6.5 - 7.4	1.0	10.2	10.4	0.5	*	*	-	-	-	-	-	-	-	-	-	22.2	8759
7.5 - 8.4	0.6	2.6	6.1	2.7	0.2	*	*	-	-	-	-	-	-	-	-	12.3	4846
8.5 - 9.4	0.2	0.2	0.5	0.8	0.3	0.1	*	*	-	-	-	-	-	-	-	2.0	805
9.5 - 10.4	0.1	*	0.1	0.3	0.2	0.1	*	*	*	-	-	-	-	-	-	0.8	316
10.5 - 11.4	*	*	0.1	*	0.1	0.1	*	*	*	-	-	-	-	-	-	0.3	117

11.5 - 12.4	-	-	*	*	*	*	*	-	-	-	-	-	-	-	-	0.0	19	
12.5 - 13.4	-	-	*	*	*	*	*	*	*	*	*	*	*	-	-	-	0.1	48
13.5 - 14.4	-	-	*	*	-	-	*	*	-	*	-	-	-	-	-	0.0	11	
TOTAL %	15.1	58.1	21.4	4.3	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	5966	22970	8443	1694	308	94	35	16	4	2	1	1	0	0	0		39534	

(\* < 0.05%)

STATION: 42003

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

Month: JAN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.3	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.7	332
3.5 - 4.4	2.0	24.8	3.0	*	-	-	-	-	-	-	-	-	-	-	-	29.8	3728
4.5 - 5.4	0.6	28.7	14.2	1.4	-	-	-	-	-	-	-	-	-	-	-	45.0	5618
5.5 - 6.4	-	3.7	10.0	4.0	0.7	*	-	-	-	-	-	-	-	-	-	18.4	2294
6.5 - 7.4	-	-	0.8	1.9	0.8	0.2	*	-	-	-	-	-	-	-	-	3.7	462
7.5 - 8.4	-	-	-	*	0.3	0.2	*	-	-	-	-	-	-	-	-	0.5	58
TOTAL %	2.9	59.5	28.1	7.5	1.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	363	7427	3509	936	209	41	7	0	0	0	0	0	0	0	0		12492

(\* < 0.05%)

STATION: 42003

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

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
2.5 - 3.4	0.4	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.5	290
3.5 - 4.4	3.5	20.9	3.1	0.2	-	-	-	-	-	-	-	-	-	-	-	27.7	3209
4.5 - 5.4	1.1	30.8	12.9	1.5	0.2	-	-	-	-	-	-	-	-	-	-	46.6	5402
5.5 - 6.4	*	4.4	11.7	3.5	0.5	*	-	-	-	-	-	-	-	-	-	20.1	2331
6.5 - 7.4	-	*	0.5	1.7	0.6	0.2	*	-	-	-	-	-	-	-	-	3.0	344
7.5 - 8.4	-	-	-	0.1	*	*	0.1	*	-	-	-	-	-	-	-	0.2	22
8.5 - 9.4	-	-	-	-	-	-	-	*	-	-	-	-	-	-	-	0.0	1
TOTAL %	5.1	58.1	28.2	6.9	1.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	591	6747	3276	796	154	27	10	3	0	0	0	0	0	0	0		11604

(\* < 0.05%)

STATION: 42003

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	1
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.4	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	411
3.5 - 4.4	3.4	20.5	1.8	0.1	-	-	-	-	-	-	-	-	-	-	-	25.8	3364
4.5 - 5.4	1.4	29.0	12.8	1.4	0.1	-	-	-	-	-	-	-	-	-	-	44.7	5836
5.5 - 6.4	*	3.7	11.9	4.3	0.7	0.1	-	-	-	-	-	-	-	-	-	20.7	2703
6.5 - 7.4	-	0.1	1.0	2.6	1.3	0.2	-	-	-	-	-	-	-	-	-	5.2	673
7.5 - 8.4	-	-	*	*	0.3	0.1	*	*	*	-	-	-	-	-	-	0.5	61
8.5 - 9.4	-	-	-	-	-	*	*	*	*	*	-	-	-	-	-	0.1	13
9.5 - 10.4	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-	0.0	2
TOTAL %	5.2	56.1	27.4	8.5	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	680	7323	3585	1104	304	49	5	4	4	6	0	0	0	0	0		13064

(\* < 0.05%)

STATION: 42003

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

Month: APR

WAVE PERIOD	WAVE HEIGHT														
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	

WAVE PERIOD	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	1.0	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.3	454
3.5 - 4.4	4.6	24.2	2.3	*	-	-	-	-	-	-	-	-	-	-	-	31.2	4350
4.5 - 5.4	1.8	35.1	10.7	0.4	-	-	-	-	-	-	-	-	-	-	-	48.0	6694
5.5 - 6.4	0.1	4.3	10.3	1.1	*	-	-	-	-	-	-	-	-	-	-	15.8	2207
6.5 - 7.4	-	*	0.4	0.9	0.1	-	-	-	-	-	-	-	-	-	-	1.6	217
7.5 - 8.4	-	-	-	*	0.1	*	-	-	-	-	-	-	-	-	-	0.2	27
8.5 - 9.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
10.5 - 11.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
13.5 - 14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	7.6	65.8	23.8	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1058	9183	3314	348	43	4	0	0	0	0	0	0	0	0	0		13950

(\* < 0.05%)

STATION: 42003

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.1	12
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
2.5 - 3.4	1.7	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6	607
3.5 - 4.4	12.0	23.6	0.5	*	-	-	-	-	-	-	-	-	-	-	-	36.1	4776
4.5 - 5.4	5.4	33.5	4.6	*	-	-	-	-	-	-	-	-	-	-	-	43.5	5759
5.5 - 6.4	0.3	7.3	7.0	0.2	-	-	-	-	-	-	-	-	-	-	-	14.7	1946
6.5 - 7.4	-	0.1	0.6	0.1	*	-	-	-	-	-	-	-	-	-	-	0.9	114
7.5 - 8.4	-	-	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.1	18
TOTAL %	19.4	67.4	12.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2570	8913	1678	60	11	1	0	0	0	0	0	0	0	0	0		13233

(\* < 0.05%)

STATION: 42003

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

Month: JUN

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.6	86
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	8
2.5 - 3.4	1.6	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	520
3.5 - 4.4	10.2	18.6	0.1	-	-	-	-	-	-	-	-	-	-	-	-	28.9	4026
4.5 - 5.4	8.6	38.5	1.9	-	-	-	-	-	-	-	-	-	-	-	-	49.0	6817
5.5 - 6.4	1.2	11.0	3.5	0.1	*	-	-	-	-	-	-	-	-	-	-	15.9	2209
6.5 - 7.4	*	1.1	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	1.7	235
7.5 - 8.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	12
TOTAL %	22.3	71.5	5.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3105	9943	821	43	1	0	0	0	0	0	0	0	0	0	0		13913

(\* < 0.05%)

STATION: 42003

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT														TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.1	8
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	1.5	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3	662
3.5 - 4.4	15.1	20.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	35.1	5459
4.5 - 5.4	12.2	29.7	0.7	-	-	-	-	-	-	-	-	-	-	-	-	42.6	6612
5.5 - 6.4	3.2	10.8	1.9	0.1	-	-	-	-	-	-	-	-	-	-	-	16.0	2491
6.5 - 7.4	0.1	1.5	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	1.8	278



7.5 - 8.4	-	0.1	*	-	*	-	-	-	-	-	-	-	-	-	-	-	0.1	21
8.5 - 9.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	32.1	64.8	2.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4986	10060	441	37	8	0	0	0	0	0	0	0	0	0	0	0		15532

(\* < 0.05%)

STATION: 42003

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.4	61
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
2.5 - 3.4	3.4	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	1069
3.5 - 4.4	23.3	22.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	45.7	7468
4.5 - 5.4	10.9	23.5	1.0	*	-	-	-	-	-	-	-	-	-	-	-	35.4	5781
5.5 - 6.4	2.4	6.7	2.0	0.1	*	-	-	-	-	-	-	-	-	-	-	11.2	1824
6.5 - 7.4	*	0.3	0.2	0.2	*	*	-	-	-	-	-	-	-	-	-	0.8	125
7.5 - 8.4	-	*	*	-	-	-	*	-	-	-	-	-	-	-	-	0.1	12
8.5 - 9.4	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	40.3	55.9	3.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6590	9132	569	44	4	4	4	0	0	0	0	0	0	0	0		16347

(\* < 0.05%)

STATION: 42003

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.4	59
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
2.5 - 3.4	4.2	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	1038
3.5 - 4.4	19.4	26.1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	46.2	6509
4.5 - 5.4	5.0	24.6	5.3	0.3	-	-	-	-	-	-	-	-	-	-	-	35.3	4971
5.5 - 6.4	0.1	2.7	4.7	1.0	0.2	*	-	-	-	-	-	-	-	-	-	8.7	1230
6.5 - 7.4	-	0.2	0.4	0.6	0.5	*	-	*	-	-	-	-	-	-	-	1.8	249
7.5 - 8.4	-	-	*	*	*	0.1	*	-	*	-	-	-	-	-	-	0.2	33
8.5 - 9.4	-	-	-	-	-	-	*	*	-	*	-	-	-	-	-	0.1	10
TOTAL %	29.2	56.8	11.1	1.9	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4117	8008	1561	272	99	26	11	4	1	2	0	0	0	0	0		14101

(\* < 0.05%)

STATION: 42003

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

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.1	20
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
2.5 - 3.4	1.4	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	443
3.5 - 4.4	6.8	23.1	1.0	-	-	-	-	-	-	-	-	-	-	-	-	30.9	4451
4.5 - 5.4	2.2	31.0	12.0	0.3	-	-	-	-	-	-	-	-	-	-	-	45.4	6538
5.5 - 6.4	0.2	3.8	9.8	3.9	0.1	*	-	-	-	-	-	-	-	-	-	17.8	2561
6.5 - 7.4	*	*	0.4	1.3	0.6	*	*	*	-	-	-	-	-	-	-	2.5	361
7.5 - 8.4	-	-	*	*	*	*	*	-	-	-	-	-	-	-	-	0.1	19
TOTAL %	10.8	59.6	23.2	5.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1553	8578	3340	794	109	12	6	4	0	0	0	0	0	0	0		14396

(\* < 0.05%)

STATION: 42003

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

Month: NOV

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

0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
2.5 - 3.4	0.5	2.3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	347
3.5 - 4.4	3.5	22.0	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	27.4	3456
4.5 - 5.4	0.9	29.1	13.1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	43.7	5506
5.5 - 6.4	-	4.5	14.5	3.1	0.1	-	-	-	-	-	-	-	-	-	-	-	22.2	2799
6.5 - 7.4	-	*	0.8	1.5	0.7	0.2	*	-	-	-	-	-	-	-	-	-	3.3	416
7.5 - 8.4	-	-	-	-	0.1	0.3	0.2	*	-	-	-	-	-	-	-	-	0.5	68
8.5 - 9.4	-	-	-	-	-	-	*	*	*	*	*	*	*	-	-	-	0.1	15
TOTAL %	4.8	58.0	30.3	5.2	0.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	611	7311	3821	654	114	59	23	9	4	2	1	1	0	0	0			12610

(\* < 0.05%)

STATION: 42003

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.2	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.5	323
3.5 - 4.4	2.9	22.9	4.0	0.1	-	-	-	-	-	-	-	-	-	-	-	29.8	3833
4.5 - 5.4	0.9	28.4	13.1	1.6	0.1	-	-	-	-	-	-	-	-	-	-	44.1	5667
5.5 - 6.4	*	5.1	11.0	3.6	0.4	*	-	-	-	-	-	-	-	-	-	20.2	2598
6.5 - 7.4	-	*	0.8	1.6	0.4	0.2	-	-	-	-	-	-	-	-	-	3.1	394
7.5 - 8.4	-	-	-	0.1	0.2	*	-	-	-	-	-	-	-	-	-	0.3	36
8.5 - 9.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	4.0	58.7	29.0	6.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	515	7541	3731	885	148	32	0	0	0	0	0	0	0	0			12852

(\* < 0.05%)

STATION: 42003

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

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	247
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	27
2.5 - 3.4	1.5	2.5	*	-	-	-	-	-	-	-	-	-	-	-	-	4.0	6496
3.5 - 4.4	9.4	22.4	1.5	*	-	-	-	-	-	-	-	-	-	-	-	33.3	54629
4.5 - 5.4	4.6	30.1	8.2	0.6	*	-	-	-	-	-	-	-	-	-	-	43.4	71201
5.5 - 6.4	0.7	5.8	7.9	2.0	0.2	*	-	-	-	-	-	-	-	-	-	16.6	27193
6.5 - 7.4	*	0.3	0.5	1.0	0.4	0.1	*	*	-	-	-	-	-	-	-	2.4	3868
7.5 - 8.4	-	*	*	*	0.1	0.1	*	*	*	-	-	-	-	-	-	0.2	387
8.5 - 9.4	-	-	-	*	-	*	*	*	*	*	*	*	*	-	-	0.0	43
9.5 - 10.4	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-	0.0	2
10.5 - 11.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
13.5 - 14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	16.3	61.0	18.1	3.6	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	26739	100166	29646	5973	1204	255	66	24	9	10	1	1	0	0			164094

(\* < 0.05%)

STATION: 42003

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	5
2.5 - 3.4	0.3	2.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.6	945
3.5 - 4.4	2.8	22.9	3.4	0.1	-	-	-	-	-	-	-	-	-	-	-	29.1	10770
4.5 - 5.4	0.9	29.3	13.4	1.5	0.1	-	-	-	-	-	-	-	-	-	-	45.2	16687
5.5 - 6.4	*	4.4	10.9	3.7	0.5	*	-	-	-	-	-	-	-	-	-	19.5	7223
6.5 - 7.4	-	*	0.7	1.7	0.6	0.2	*	-	-	-	-	-	-	-	-	3.2	1200

7.5 - 8.4	-	-	-	0.1	0.1	0.1	*	*	-	-	-	-	-	-	-	0.3	116
8.5 - 9.4	-	-	-	-	-	*	-	*	-	-	-	-	-	-	-	0.0	2
TOTAL %	4.0	58.8	28.5	7.1	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1469	21715	10516	2617	511	100	17	3	0	0	0	0	0	0	0		36948

(\* < 0.05%)

STATION: 42003

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

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	13
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
2.5 - 3.4	1.0	2.6	*	-	-	-	-	-	-	-	-	-	-	-	-	3.7	1472
3.5 - 4.4	6.6	22.8	1.5	*	-	-	-	-	-	-	-	-	-	-	-	31.0	12490
4.5 - 5.4	2.9	32.6	9.4	0.6	*	-	-	-	-	-	-	-	-	-	-	45.4	18289
5.5 - 6.4	0.1	5.1	9.7	1.9	0.2	*	-	-	-	-	-	-	-	-	-	17.0	6856
6.5 - 7.4	-	0.1	0.7	1.2	0.5	0.1	-	-	-	-	-	-	-	-	-	2.5	1004
7.5 - 8.4	-	-	*	*	0.2	*	*	*	*	-	-	-	-	-	-	0.3	106
8.5 - 9.4	-	-	-	-	-	*	*	*	*	*	-	-	-	-	-	0.0	13
9.5 - 10.4	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-	0.0	2
10.5 - 11.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
13.5 - 14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	10.7	63.2	21.3	3.8	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4308	25419	8577	1512	358	54	5	4	4	6	0	0	0	0	0		40247

(\* < 0.05%)

STATION: 42003

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.3	155
0.5 - 1.4	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	13
2.5 - 3.4	2.2	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9	2251
3.5 - 4.4	16.5	20.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	37.0	16953
4.5 - 5.4	10.6	30.2	1.2	*	-	-	-	-	-	-	-	-	-	-	-	42.0	19210
5.5 - 6.4	2.3	9.4	2.4	0.1	*	-	-	-	-	-	-	-	-	-	-	14.2	6524
6.5 - 7.4	*	0.9	0.2	0.2	*	*	-	-	-	-	-	-	-	-	-	1.4	638
7.5 - 8.4	-	0.1	*	-	*	-	*	-	-	-	-	-	-	-	-	0.1	45
8.5 - 9.4	-	-	-	*	-	-	*	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	32.1	63.6	4.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	14681	29135	1831	124	13	4	4	0	0	0	0	0	0	0	0		45792

(\* < 0.05%)

STATION: 42003

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

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.2	79
0.5 - 1.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	8
2.5 - 3.4	2.1	2.3	*	-	-	-	-	-	-	-	-	-	-	-	-	4.4	1828
3.5 - 4.4	10.1	23.8	1.1	-	-	-	-	-	-	-	-	-	-	-	-	35.1	14416
4.5 - 5.4	2.8	28.2	10.0	0.4	-	-	-	-	-	-	-	-	-	-	-	41.4	17015
5.5 - 6.4	0.1	3.6	9.5	2.7	0.1	*	-	-	-	-	-	-	-	-	-	16.0	6590
6.5 - 7.4	*	0.1	0.5	1.1	0.6	0.1	*	*	-	-	-	-	-	-	-	2.5	1026
7.5 - 8.4	-	-	*	*	*	0.1	0.1	*	*	-	-	-	-	-	-	0.3	120
8.5 - 9.4	-	-	-	-	-	-	*	*	*	*	*	*	-	-	-	0.1	25
TOTAL %	15.3	58.1	21.2	4.2	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6281	23897	8722	1720	322	97	40	17	5	4	1	1	0	0	0		41107

(\* < 0.05%)

STATION: 42003

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

Month: JAN

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.1	0.1	*	0.2	0.1	-	-	-	-	*	0.1	0.2	0.9	38
3.5 - 4.4	0.2	0.2	0.8	0.9	0.9	0.8	0.2	0.2	0.1	0.3	0.3	0.2	5.2	227
4.5 - 5.4	1.2	1.7	2.0	2.8	3.4	2.7	1.1	0.3	0.2	0.3	0.7	0.7	17.0	739
5.5 - 6.4	3.3	2.5	2.6	2.7	4.7	4.6	1.6	0.3	0.4	0.6	1.1	2.9	27.4	1193
6.5 - 7.4	3.4	1.6	0.6	3.0	4.4	3.6	2.6	0.8	0.4	0.6	1.1	2.8	24.9	1084
7.5 - 8.4	1.4	0.9	0.4	1.9	2.8	2.6	3.0	0.6	0.1	0.7	2.2	2.7	19.4	844
8.5 - 9.4	0.1	0.2	0.1	0.2	0.1	-	0.6	*	-	0.4	1.2	1.0	4.0	174
9.5 - 10.4	*	0.2	-	-	-	-	*	-	-	0.3	0.4	0.2	1.2	51
10.5 - 11.4	*	0.1	-	-	-	-	-	-	-	-	*	-	0.1	5
TOTAL %	9.7	7.5	6.6	11.7	16.5	14.3	9.1	2.3	1.1	3.2	7.2	10.7	100.0	
TOTAL N	424	326	288	509	718	622	398	100	50	140	312	468		4355

(\* < 0.05%)

STATION: 42003

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

Month: FEB

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	-	-	-	-	-	-	-	-	-	-	-	0.1	5
2.5 - 3.4	0.3	0.2	0.1	0.1	0.1	0.1	*	0.1	0.1	*	0.1	0.4	1.7	78
3.5 - 4.4	0.7	0.3	0.6	1.0	0.7	1.1	1.1	0.6	0.5	0.2	0.2	0.3	7.4	341
4.5 - 5.4	2.9	1.6	1.9	2.0	2.1	2.9	1.5	0.9	0.4	0.4	0.3	0.9	17.9	831
5.5 - 6.4	3.3	3.2	1.9	1.7	3.0	6.0	4.1	0.7	0.3	0.3	0.8	2.8	28.2	1306
6.5 - 7.4	4.0	1.0	1.1	1.0	2.9	5.7	5.2	0.9	0.1	0.4	1.0	3.3	26.5	1229
7.5 - 8.4	2.6	0.2	0.3	0.3	1.5	2.2	2.4	0.8	0.2	0.3	1.2	2.1	14.0	649
8.5 - 9.4	0.4	*	-	*	0.1	0.2	0.6	0.4	*	0.1	0.3	0.7	2.9	135
9.5 - 10.4	*	-	-	-	*	0.4	0.2	*	-	-	*	0.1	0.8	36
10.5 - 11.4	-	-	-	-	-	*	0.1	-	-	-	*	0.3	0.4	20
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	*	0.0	2
TOTAL %	14.3	6.6	5.9	6.2	10.4	18.6	15.2	4.5	1.6	1.7	4.1	10.8	100.0	
TOTAL N	664	307	273	288	482	862	704	209	75	79	188	501		4632

(\* < 0.05%)

STATION: 42003

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

Month: MAR

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	*	-	-	-	*	-	-	-	-	-	-	0.1	5
2.5 - 3.4	0.3	0.2	0.2	0.3	0.1	0.1	0.2	0.1	*	*	0.1	0.4	1.9	97
3.5 - 4.4	0.3	0.5	0.8	1.0	0.5	1.0	0.4	0.1	0.1	0.2	0.1	0.3	5.2	264
4.5 - 5.4	1.9	1.1	2.0	2.1	2.0	2.0	1.5	0.5	0.2	0.5	0.7	1.0	15.4	782
5.5 - 6.4	1.8	1.2	2.5	2.5	5.1	5.0	3.8	0.9	0.4	0.7	1.9	3.7	29.6	1502
6.5 - 7.4	1.4	1.8	0.9	1.4	3.4	3.4	2.9	1.0	0.3	0.3	1.6	2.9	21.3	1079
7.5 - 8.4	0.9	1.1	0.8	0.8	4.2	2.6	3.8	0.2	*	0.1	1.4	1.6	17.7	896
8.5 - 9.4	0.2	0.2	0.2	0.1	1.1	1.2	0.7	*	*	*	1.0	0.7	5.3	270
9.5 - 10.4	*	0.1	-	-	0.6	0.2	0.5	-	-	0.1	0.7	0.3	2.5	125
10.5 - 11.4	-	0.1	*	-	-	*	*	-	-	*	0.4	0.1	0.6	32
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	-	0.1	0.2	0.2	12
13.5 - 14.4	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	5
TOTAL %	6.8	6.3	7.5	8.1	17.0	15.5	13.8	2.8	1.1	2.0	7.8	11.3	100.0	
TOTAL N	347	321	381	410	860	784	699	142	56	99	396	574		5069

(\* < 0.05%)

STATION: 42003

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

Month: APR

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	*	*	0.1	-	-	-	-	*	0.2	8
2.5 - 3.4	0.3	0.4	0.1	*	*	-	*	-	-	*	0.3	0.5	1.6	81

3.5 - 4.4	0.4	0.3	0.3	0.5	0.8	0.4	0.2	0.1	*	-	0.1	0.6	3.8	188
4.5 - 5.4	1.7	1.4	1.3	1.4	2.8	3.4	0.8	0.5	0.1	0.1	0.2	1.3	15.0	742
5.5 - 6.4	3.0	2.1	1.4	2.1	4.7	8.3	3.5	1.0	0.1	0.2	0.8	2.2	29.3	1452
6.5 - 7.4	1.8	1.1	0.9	1.1	5.1	9.2	6.3	0.3	0.1	0.3	1.1	1.3	28.7	1421
7.5 - 8.4	1.5	0.3	0.1	0.4	3.2	5.2	4.9	0.8	0.1	0.2	0.7	1.1	18.4	910
8.5 - 9.4	0.2	-	-	-	0.2	0.7	1.6	0.2	-	-	0.1	0.1	3.1	152
9.5 - 10.4	-	-	-	-	-	-	*	0.1	-	-	-	-	0.1	5
TOTAL %	8.9	5.6	4.0	5.6	16.7	27.2	17.5	2.9	0.4	0.8	3.3	7.0	100.0	
TOTAL N	443	278	199	276	830	1351	868	146	20	38	164	346		4959

(\* < 0.05%)

STATION: 42003

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

Month: MAY

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.2	-	-	-	-	-	0.1	-	-	-	-	-	0.2	8
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	*	*	-	-	-	0.1	0.1	*	-	0.2	9
2.5 - 3.4	0.3	0.1	0.2	0.3	0.2	0.4	0.2	0.2	-	-	-	0.1	2.0	76
3.5 - 4.4	0.7	0.7	0.7	0.9	1.6	1.4	0.7	0.3	*	-	0.1	0.3	7.4	280
4.5 - 5.4	1.1	1.2	2.3	2.8	3.6	3.6	3.4	0.6	0.1	0.8	0.4	0.2	20.1	756
5.5 - 6.4	1.2	1.2	2.8	2.9	6.2	7.0	8.6	2.7	0.1	0.9	0.7	0.5	34.8	1311
6.5 - 7.4	0.2	0.4	1.4	2.0	4.0	7.2	5.9	0.8	0.1	0.6	0.2	0.1	22.9	860
7.5 - 8.4	0.2	0.3	0.1	0.2	0.7	1.9	5.1	1.5	0.1	0.1	-	0.2	10.3	388
8.5 - 9.4	-	-	-	-	-	-	0.9	0.9	0.1	-	-	0.1	1.9	72
9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	2
TOTAL %	4.0	3.9	7.6	9.1	16.4	21.5	24.7	7.1	0.6	2.4	1.3	1.5	100.0	
TOTAL N	149	148	285	341	616	808	931	266	21	91	49	57		3762

(\* < 0.05%)

STATION: 42003

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

Month: JUN

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	2.4	-	-	-	-	-	-	-	-	-	-	-	2.4	85
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	*	0.1	*	-	-	-	0.1	0.1	0.7	1.0	36
2.5 - 3.4	0.3	0.1	0.1	0.1	0.1	0.5	0.1	-	0.2	0.2	0.1	0.5	2.3	79
3.5 - 4.4	0.3	0.6	0.7	0.6	1.8	1.7	1.8	2.1	0.7	0.5	0.3	0.7	11.8	415
4.5 - 5.4	0.2	0.7	1.4	2.2	6.9	4.9	4.4	2.1	0.3	0.1	0.3	0.1	23.5	826
5.5 - 6.4	0.3	1.2	1.8	2.4	4.4	3.3	7.7	2.5	0.1	0.1	0.1	-	23.9	839
6.5 - 7.4	-	0.7	0.4	1.6	1.4	1.9	10.0	2.2	-	-	-	-	18.0	632
7.5 - 8.4	-	0.1	0.2	0.5	0.1	0.2	11.6	0.8	-	-	-	-	13.4	470
8.5 - 9.4	-	-	-	-	-	-	3.0	0.1	-	-	-	-	3.1	109
9.5 - 10.4	-	-	-	-	-	-	0.5	-	-	-	-	-	0.5	19
10.5 - 11.4	-	-	-	-	-	-	*	-	-	-	-	-	0.0	1
TOTAL %	3.6	3.2	4.5	7.3	14.7	12.5	39.0	9.8	1.4	1.1	0.8	1.9	100.0	
TOTAL N	128	114	158	257	517	440	1370	345	48	38	29	67		3511

(\* < 0.05%)

STATION: 42003

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

Month: JUL

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	*	-	-	*	0.1	*	-	-	-	-	0.1	8
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	*	-	-	*	0.1	-	*	-	0.1	0.1	-	0.2	13
2.5 - 3.4	0.5	0.1	0.2	0.3	0.1	0.1	*	0.1	0.1	0.3	0.7	0.5	3.1	171
3.5 - 4.4	0.9	0.2	0.2	0.6	1.0	0.8	0.4	0.4	0.4	1.1	1.0	1.5	8.5	467
4.5 - 5.4	0.7	0.1	0.4	1.8	4.4	3.4	1.1	0.9	1.0	0.7	1.5	2.4	18.4	1008
5.5 - 6.4	0.2	0.2	0.8	1.6	6.2	8.1	4.3	1.4	0.3	0.5	0.5	0.6	24.7	1357
6.5 - 7.4	0.1	*	0.1	0.2	2.6	6.4	8.8	1.9	0.3	0.2	0.4	0.1	21.2	1161
7.5 - 8.4	*	-	0.2	-	0.2	1.1	13.1	3.1	0.1	*	0.1	0.1	18.0	989
8.5 - 9.4	-	-	-	-	-	0.1	4.1	0.3	*	-	-	-	4.5	247
9.5 - 10.4	-	-	-	-	-	-	0.9	*	-	-	-	-	0.9	48
10.5 - 11.4	-	-	-	-	-	-	0.2	-	-	-	-	-	0.2	13
11.5 - 12.4	-	-	-	-	-	-	*	-	-	-	-	-	0.0	2
12.5 - 13.4	-	-	-	-	-	-	-	*	-	-	-	-	0.0	1
TOTAL %	2.4	0.8	2.0	4.4	14.5	20.0	33.0	8.3	2.2	2.8	4.3	5.3	100.0	
TOTAL N	132	44	107	240	794	1099	1812	455	123	154	236	289		5485

(\* < 0.05%)

STATION: 42003

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

Month: AUG

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.2	-	-	-	-	0.2	0.1	0.1	-	-	-	0.1	0.6	42
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	-	-	0.1	*	0.1	*	-	-	-	*	-	0.3	20
2.5 - 3.4	0.5	0.3	0.2	0.5	0.6	0.5	0.2	0.1	0.3	0.9	0.8	0.7	5.4	360
3.5 - 4.4	1.6	0.9	0.9	1.5	1.8	2.2	0.7	0.7	0.5	0.9	1.6	2.0	15.2	1015
4.5 - 5.4	1.7	1.1	1.7	2.1	5.0	5.0	1.7	1.0	0.5	1.8	2.5	2.7	26.8	1783
5.5 - 6.4	0.7	0.7	1.0	2.4	5.4	5.9	3.5	0.9	0.6	1.1	1.1	0.6	24.0	1599
6.5 - 7.4	0.1	0.4	0.5	1.3	3.5	4.4	4.0	1.0	0.2	0.5	0.1	0.1	16.1	1072
7.5 - 8.4	0.1	0.2	0.2	0.3	0.7	0.6	4.7	0.7	0.2	0.3	0.2	0.2	8.5	567
8.5 - 9.4	0.1	0.1	-	*	-	-	1.2	-	0.2	0.1	0.2	*	1.9	125
9.5 - 10.4	-	*	-	-	*	-	0.2	-	0.1	0.3	0.1	-	0.7	46
10.5 - 11.4	-	*	*	-	-	-	0.2	-	*	0.1	0.1	-	0.5	30
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
13.5 - 14.4	-	-	*	-	-	-	-	-	-	-	-	-	0.0	2
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	*	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	4.9	3.7	4.6	8.2	17.2	18.8	16.5	4.6	2.6	5.9	6.6	6.4	100.0	
TOTAL N	329	248	307	546	1144	1252	1098	308	170	396	439	426		6663

(\* < 0.05%)

STATION: 42003

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

Month: SEP

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.3	-	-	*	-	-	-	-	-	-	-	-	0.3	14
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	*	-	-	-	-	-	-	*	0.0	2
2.5 - 3.4	0.3	0.4	0.3	0.5	0.4	0.4	0.1	*	0.2	0.3	0.6	0.3	3.9	194
3.5 - 4.4	1.0	1.0	2.3	3.1	2.1	1.3	0.8	0.3	0.4	0.5	0.6	1.1	14.5	730
4.5 - 5.4	1.5	3.2	2.4	4.8	6.0	3.6	1.7	1.0	0.2	0.3	0.6	1.0	26.3	1323
5.5 - 6.4	1.3	2.5	1.9	2.2	6.1	5.0	3.3	1.2	0.5	0.1	1.2	0.8	26.0	1311
6.5 - 7.4	1.2	3.0	0.8	0.9	1.8	3.3	3.6	0.4	0.1	0.3	0.4	1.0	16.6	837
7.5 - 8.4	0.1	1.3	0.9	*	0.9	1.2	3.1	0.4	0.4	0.5	0.4	0.2	9.4	471
8.5 - 9.4	0.1	0.2	0.3	0.1	0.2	*	0.5	0.1	0.1	0.1	0.3	*	1.9	97
9.5 - 10.4	-	0.1	0.1	*	0.1	-	0.1	-	0.1	*	0.1	-	0.7	33
10.5 - 11.4	-	-	0.1	0.1	0.2	-	*	-	-	-	-	-	0.3	16
11.5 - 12.4	-	-	-	0.1	-	*	-	-	-	-	-	-	0.1	4
12.5 - 13.4	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	5.7	11.6	9.1	11.7	17.8	14.9	13.2	3.5	1.9	2.1	4.1	4.3	100.0	
TOTAL N	286	585	458	589	897	752	664	176	97	108	205	219		5036

(\* < 0.05%)

STATION: 42003

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

Month: OCT

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.1	*	*	*	*	-	*	*	-	*	*	*	0.4	20
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
2.5 - 3.4	0.1	0.4	0.2	0.2	0.3	0.2	0.1	0.1	*	-	*	0.2	1.8	92
3.5 - 4.4	1.1	1.5	1.6	2.0	1.1	0.4	0.1	*	0.1	0.3	0.3	0.8	9.3	478
4.5 - 5.4	2.1	2.0	3.5	2.1	2.3	0.9	0.6	*	0.1	*	0.1	1.0	14.8	758
5.5 - 6.4	3.5	3.5	4.9	5.1	3.5	2.1	1.5	0.2	*	0.3	0.4	2.9	28.0	1434
6.5 - 7.4	1.8	4.0	3.8	4.4	3.0	1.9	1.0	0.2	0.2	0.4	0.5	2.0	23.0	1178
7.5 - 8.4	1.1	2.2	3.0	2.9	3.4	2.5	1.3	0.5	0.1	0.3	0.3	0.5	18.0	923
8.5 - 9.4	0.4	0.4	0.5	0.2	0.2	0.4	0.3	0.1	*	*	0.1	0.1	2.5	130
9.5 - 10.4	0.1	*	0.1	0.1	-	0.1	0.3	-	*	*	0.1	0.1	0.8	42
10.5 - 11.4	-	-	-	-	-	-	0.5	0.1	*	*	*	0.1	0.7	37
11.5 - 12.4	-	-	-	-	-	-	0.2	-	*	*	-	*	0.3	15
12.5 - 13.4	-	-	-	-	-	-	0.1	-	*	-	-	-	0.1	6
13.5 - 14.4	-	-	-	-	-	-	*	-	-	-	-	-	0.0	2
TOTAL %	10.2	14.2	17.6	17.0	13.7	8.6	6.0	1.2	0.7	1.3	1.9	7.7	100.0	
TOTAL N	523	724	901	868	701	439	306	60	34	68	99	393		5116

(\* < 0.05%)

STATION: 42003

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

Month: NOV

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	*	*	-	*	-	-	-	-	-	-	0.1	4
2.5 - 3.4	0.1	0.1	0.1	0.2	0.6	0.2	0.1	*	*	0.1	0.1	0.1	1.8	87
3.5 - 4.4	0.4	1.2	1.1	1.0	1.1	0.4	0.3	0.1	0.1	0.1	0.1	0.1	6.1	295
4.5 - 5.4	2.0	2.8	3.1	3.2	3.3	1.6	0.4	0.1	0.2	0.2	0.5	0.8	18.3	888
5.5 - 6.4	2.8	3.7	3.5	3.5	5.8	3.6	1.3	0.4	0.3	0.6	0.4	1.8	27.7	1343
6.5 - 7.4	2.6	3.2	3.8	2.9	6.4	4.6	1.4	0.1	0.1	0.6	1.1	2.5	29.1	1411
7.5 - 8.4	0.9	1.9	1.2	1.4	3.7	1.3	1.3	*	0.1	0.6	1.0	1.6	15.2	736
8.5 - 9.4	-	0.1	*	*	0.2	0.5	0.1	-	*	0.1	0.2	0.3	1.5	73
9.5 - 10.4	-	-	-	-	-	*	-	-	*	0.1	0.1	-	0.2	12
10.5 - 11.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	8.9	12.9	12.9	12.3	21.0	12.2	4.9	0.9	0.8	2.4	3.6	7.1	100.0	
TOTAL N	431	625	624	596	1019	592	240	42	41	117	177	346		4850

(\* < 0.05%)

STATION: 42003

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

Month: DEC

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	-	-	-	-	*	-	-	-	*	-	-	0.1	3
2.5 - 3.4	0.5	0.3	0.2	0.1	*	-	*	*	0.2	0.3	0.1	0.5	2.3	117
3.5 - 4.4	0.4	0.5	1.0	1.0	0.7	0.3	0.1	0.1	0.1	0.1	0.1	0.3	4.6	236
4.5 - 5.4	1.7	1.2	2.1	2.8	3.1	0.9	0.7	0.3	0.2	0.3	0.3	1.0	14.6	749
5.5 - 6.4	4.0	3.4	3.1	2.9	5.8	4.8	2.0	1.0	0.3	0.5	0.8	3.4	32.1	1642
6.5 - 7.4	2.4	1.7	1.7	1.9	3.4	7.3	2.5	0.4	0.4	0.7	1.7	4.2	28.4	1454
7.5 - 8.4	0.9	1.1	0.4	0.5	1.4	2.9	1.8	0.2	0.3	1.1	1.5	2.2	14.3	734
8.5 - 9.4	0.3	-	-	*	0.1	*	*	-	*	0.3	0.9	0.4	2.0	104
9.5 - 10.4	*	-	-	-	-	-	-	-	-	0.2	0.6	0.3	1.1	58
10.5 - 11.4	-	-	-	-	-	-	-	-	-	0.1	0.3	-	0.4	22
11.5 - 12.4	-	-	-	-	-	-	-	-	-	*	-	-	0.0	1
TOTAL %	10.2	8.2	8.6	9.3	14.5	16.3	7.1	2.0	1.5	3.6	6.3	12.4	100.0	
TOTAL N	524	419	441	475	742	832	366	100	79	184	323	635		5120

(\* < 0.05%)

STATION: 42003

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

All Months: Annual

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.2	*	*	*	*	*	*	*	-	*	*	*	0.3	177
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	*	*	*	*	*	*	*	*	*	*	*	0.2	106
2.5 - 3.4	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.3	0.4	2.5	1470
3.5 - 4.4	0.7	0.7	0.9	1.2	1.2	1.0	0.5	0.4	0.3	0.4	0.4	0.7	8.4	4936
4.5 - 5.4	1.6	1.5	2.0	2.5	3.7	2.9	1.5	0.7	0.3	0.5	0.7	1.2	19.1	11185
5.5 - 6.4	2.1	2.1	2.3	2.7	5.1	5.4	3.6	1.0	0.3	0.5	0.8	1.9	27.8	16289
6.5 - 7.4	1.6	1.6	1.3	1.8	3.5	4.9	4.4	0.8	0.2	0.4	0.8	1.7	22.9	13418
7.5 - 8.4	0.8	0.8	0.7	0.8	1.9	2.0	4.6	0.8	0.2	0.4	0.7	1.0	14.6	8577
8.5 - 9.4	0.1	0.1	0.1	0.1	0.2	0.3	1.1	0.2	*	0.1	0.4	0.3	2.9	1688
9.5 - 10.4	*	*	*	*	0.1	0.1	0.2	*	*	0.1	0.2	0.1	0.8	477
10.5 - 11.4	*	*	*	*	*	*	0.1	*	*	*	0.1	*	0.3	177
11.5 - 12.4	-	-	-	*	-	*	*	-	*	*	-	*	0.0	24
12.5 - 13.4	-	-	-	*	-	-	*	*	*	-	*	*	0.0	23
13.5 - 14.4	-	-	*	-	-	-	*	-	-	-	-	*	0.0	9
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	*	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	7.5	7.1	7.6	9.2	15.9	16.8	16.1	4.0	1.4	2.6	4.5	7.4	100.0	
TOTAL N	4380	4139	4422	5395	9320	9833	9456	2349	814	1512	2617	4321		58558

(\* < 0.05%)

STATION: 42003

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	-	-	-	-	*	-	-	-	*	*	-	-	0.1	8
2.5 - 3.4	0.3	0.2	0.1	0.1	0.1	*	*	*	0.1	0.1	0.1	0.4	1.7	233	
3.5 - 4.4	0.4	0.4	0.8	1.0	0.8	0.7	0.5	0.3	0.2	0.2	0.2	0.3	5.7	804	
4.5 - 5.4	1.9	1.5	2.0	2.6	2.8	2.1	1.1	0.5	0.2	0.3	0.4	0.9	16.4	2319	
5.5 - 6.4	3.6	3.1	2.6	2.4	4.5	5.2	2.6	0.7	0.3	0.5	0.9	3.0	29.4	4141	
6.5 - 7.4	3.2	1.5	1.1	1.9	3.6	5.6	3.4	0.7	0.3	0.6	1.3	3.4	26.7	3767	
7.5 - 8.4	1.6	0.7	0.4	0.9	1.9	2.6	2.3	0.5	0.2	0.7	1.6	2.3	15.8	2227	
8.5 - 9.4	0.3	0.1	*	0.1	0.1	0.1	0.4	0.1	*	0.2	0.8	0.7	2.9	413	
9.5 - 10.4	*	0.1	-	-	*	0.1	0.1	*	-	0.2	0.3	0.2	1.0	145	
10.5 - 11.4	*	*	-	-	-	*	*	-	-	*	0.1	0.1	0.3	47	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	*	-	*	0.0	3	
TOTAL %	11.4	7.5	7.1	9.0	13.8	16.4	10.4	2.9	1.4	2.9	5.8	11.4	100.0		
TOTAL N	1612	1052	1002	1272	1942	2316	1468	409	204	403	823	1604		14107	

(\* < 0.05%)

STATION: 42003

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

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	*	-	-	-	-	-	*	-	-	-	-	-	-	0.1	8
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	*	-	*	*	*	*	-	*	*	*	*	*	0.2	22
2.5 - 3.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	*	*	0.1	0.3	1.8	254	
3.5 - 4.4	0.5	0.5	0.6	0.8	0.9	0.9	0.4	0.2	0.1	0.1	0.1	0.4	5.3	732	
4.5 - 5.4	1.6	1.2	1.8	2.0	2.7	2.9	1.8	0.5	0.2	0.4	0.4	0.9	16.5	2280	
5.5 - 6.4	2.1	1.6	2.2	2.5	5.3	6.7	5.0	1.4	0.2	0.6	1.2	2.3	30.9	4265	
6.5 - 7.4	1.2	1.2	1.1	1.4	4.2	6.5	4.9	0.7	0.2	0.4	1.0	1.6	24.4	3360	
7.5 - 8.4	0.9	0.6	0.4	0.5	2.9	3.3	4.5	0.8	0.1	0.1	0.7	1.1	15.9	2194	
8.5 - 9.4	0.1	0.1	0.1	*	0.5	0.7	1.1	0.3	*	*	0.4	0.3	3.6	494	
9.5 - 10.4	*	*	-	-	0.2	0.1	0.2	*	-	*	0.3	0.1	1.0	132	
10.5 - 11.4	-	*	*	-	-	*	*	-	-	*	0.1	*	0.2	32	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
12.5 - 13.4	-	-	-	-	-	-	-	-	-	-	*	0.1	0.1	12	
13.5 - 14.4	-	-	-	-	-	-	-	-	-	-	-	*	0.0	5	
TOTAL %	6.8	5.4	6.3	7.4	16.7	21.3	18.1	4.0	0.7	1.7	4.4	7.1	100.0		
TOTAL N	939	747	865	1027	2306	2943	2498	554	97	228	609	977		13790	

(\* < 0.05%)

STATION: 42003

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.6	-	*	-	-	0.1	0.1	*	-	-	-	*	0.9	135
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	*	*	-	0.1	*	0.1	*	*	-	*	0.1	0.2	0.4	69
2.5 - 3.4	0.4	0.2	0.2	0.3	0.3	0.3	0.1	0.1	0.2	0.5	0.6	0.6	3.9	610
3.5 - 4.4	1.1	0.6	0.6	1.0	1.5	1.6	0.8	0.9	0.5	0.9	1.1	1.5	12.1	1897
4.5 - 5.4	1.0	0.7	1.2	2.0	5.2	4.4	2.1	1.2	0.6	1.0	1.6	2.0	23.1	3617
5.5 - 6.4	0.4	0.6	1.1	2.1	5.5	6.1	4.7	1.4	0.4	0.7	0.7	0.5	24.2	3795
6.5 - 7.4	0.1	0.3	0.4	1.0	2.7	4.5	7.0	1.6	0.2	0.3	0.2	0.1	18.3	2865
7.5 - 8.4	0.1	0.1	0.2	0.2	0.4	0.7	9.2	1.6	0.1	0.1	0.1	0.1	12.9	2026
8.5 - 9.4	*	0.1	-	*	-	*	2.6	0.1	0.1	0.1	0.1	*	3.1	481
9.5 - 10.4	-	*	-	-	*	0.5	*	*	0.1	*	-	-	0.7	113
10.5 - 11.4	-	*	*	-	-	0.2	-	*	*	*	-	-	0.3	44
11.5 - 12.4	-	-	-	-	-	-	*	-	-	-	-	-	0.0	2
12.5 - 13.4	-	-	-	-	-	-	-	*	-	-	-	-	0.0	1
13.5 - 14.4	-	-	*	-	-	-	-	-	-	-	-	-	0.0	2
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	*	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	3.8	2.6	3.7	6.7	15.7	17.8	27.3	7.1	2.2	3.8	4.5	5.0	100.0	
TOTAL N	589	406	572	1043	2455	2791	4280	1108	341	588	704	782		15659

(\* < 0.05%)

STATION: 42003

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

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.1	*	*	*	*	-	*	*	-	*	*	*	0.2	34
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	*	*	*	*	-	-	-	-	*	*	0.0	7



2.5 - 3.4	0.2	0.3	0.2	0.3	0.4	0.3	0.1	0.1	0.1	0.2	0.2	0.2	2.5	373
3.5 - 4.4	0.9	1.2	1.7	2.0	1.4	0.7	0.4	0.2	0.2	0.3	0.3	0.7	10.0	1503
4.5 - 5.4	1.9	2.7	3.0	3.4	3.9	2.0	0.9	0.4	0.1	0.2	0.4	0.9	19.8	2969
5.5 - 6.4	2.5	3.2	3.4	3.6	5.1	3.6	2.1	0.6	0.3	0.4	0.7	1.8	27.2	4088
6.5 - 7.4	1.8	3.4	2.8	2.7	3.7	3.2	2.0	0.2	0.1	0.4	0.7	1.8	22.8	3426
7.5 - 8.4	0.7	1.8	1.7	1.5	2.6	1.7	1.9	0.3	0.2	0.4	0.6	0.7	14.2	2130
8.5 - 9.4	0.2	0.2	0.3	0.1	0.2	0.3	0.3	0.1	*	0.1	0.2	0.1	2.0	300
9.5 - 10.4	*	0.1	0.1	*	*	*	0.1	-	*	*	0.1	*	0.6	87
10.5 - 11.4	-	-	*	*	0.1	-	0.2	*	*	*	*	*	0.4	54
11.5 - 12.4	-	-	-	*	-	*	0.1	-	*	*	-	*	0.1	19
12.5 - 13.4	-	-	-	*	-	-	*	-	*	-	-	-	0.1	10
13.5 - 14.4	-	-	-	-	-	-	*	-	-	-	-	-	0.0	2

TOTAL %	8.3	12.9	13.2	13.7	17.4	11.9	8.1	1.9	1.1	2.0	3.2	6.4	100.0	
TOTAL N	1240	1934	1983	2053	2617	1783	1210	278	172	293	481	958		15002

(\* < 0.05%)

STATION: 42003

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

Month: JAN

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.1	0.1	0.4	0.6	0.2	0.2	0.5	0.1	*	*	*	*	2.1	93
0.5 - 1.4	5.4	4.0	4.4	6.3	9.3	9.3	5.6	1.4	0.7	1.3	2.4	3.8	53.9	2346
1.5 - 2.4	3.4	2.5	1.3	3.8	6.5	4.2	2.8	0.7	0.3	1.2	2.5	4.7	33.8	1474
2.5 - 3.4	0.8	0.6	0.3	1.0	0.5	0.6	0.3	0.2	0.1	0.5	2.0	1.4	8.3	361
3.5 - 4.4	*	0.2	0.1	0.1	*	-	-	-	-	0.1	0.2	0.8	1.7	73
4.5 - 5.4	-	0.2	-	-	-	-	-	-	-	-	-	*	0.2	8
TOTAL %	9.7	7.5	6.6	11.7	16.5	14.3	9.1	2.3	1.1	3.2	7.2	10.7	100.0	
TOTAL N	424	326	288	509	718	622	398	100	50	140	312	468		4355

(\* < 0.05%)

STATION: 42003

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

Month: FEB

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.5	0.2	0.3	0.2	0.2	0.6	2.2	1.0	0.5	0.2	0.1	0.2	6.2	288
0.5 - 1.4	7.6	5.0	3.3	4.1	6.0	13.6	9.1	2.5	0.9	1.0	1.5	4.7	59.3	2748
1.5 - 2.4	4.4	1.2	2.1	1.3	3.5	3.7	2.8	0.7	0.1	0.4	1.4	3.8	25.5	1181
2.5 - 3.4	1.5	0.2	0.2	0.4	0.7	0.5	1.0	0.2	0.1	0.1	0.7	1.6	7.2	333
3.5 - 4.4	0.2	-	-	0.1	0.1	0.2	0.1	*	*	*	0.3	0.3	1.4	63
4.5 - 5.4	-	-	-	-	*	-	-	-	-	-	0.1	0.1	0.2	9
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	*	0.1	0.2	7
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	3
TOTAL %	14.3	6.6	5.9	6.2	10.4	18.6	15.2	4.5	1.6	1.7	4.1	10.8	100.0	
TOTAL N	664	307	273	288	482	862	704	209	75	79	188	501		4632

(\* < 0.05%)

STATION: 42003

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

Month: MAR

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.5	0.4	0.6	0.7	0.3	0.8	1.5	0.6	0.2	0.3	0.4	0.3	6.5	330
0.5 - 1.4	3.9	2.5	4.7	4.7	9.5	9.4	6.8	1.1	0.6	1.1	2.7	6.5	53.5	2710
1.5 - 2.4	1.9	2.7	1.7	2.0	5.1	4.2	3.6	1.0	0.2	0.3	2.1	2.7	27.5	1392
2.5 - 3.4	0.4	0.5	0.5	0.6	1.7	0.9	1.5	0.1	0.1	0.1	1.8	1.1	9.5	479
3.5 - 4.4	0.1	0.2	0.1	*	0.4	0.1	0.4	-	-	*	0.7	0.5	2.4	122
4.5 - 5.4	-	0.1	-	-	-	-	*	*	*	-	0.1	*	0.3	14
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	5
6.5 - 7.4	-	-	-	-	-	-	-	-	-	*	-	*	0.1	4
7.5 - 8.4	-	-	-	-	-	-	-	-	-	*	-	0.1	0.1	4
8.5 - 9.4	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.1	6
TOTAL %	6.8	6.3	7.5	8.1	17.0	15.5	13.8	2.8	1.1	2.0	7.8	11.3	100.0	
TOTAL N	347	321	381	410	860	784	699	140	56	99	395	574		5066

(\* < 0.05%)

STATION: 42003

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

Month: APR

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

< 0.5	0.2	*	*	-	0.1	0.5	0.7	0.1	*	0.1	0.1	0.1	1.8	88
0.5 - 1.4	5.3	4.3	2.7	4.1	9.9	18.6	14.0	2.5	0.2	0.3	1.9	3.9	67.6	3328
1.5 - 2.4	2.7	1.3	1.3	1.3	6.3	7.4	2.4	0.3	0.2	0.3	0.9	2.7	27.2	1337
2.5 - 3.4	0.7	0.1	*	0.1	0.6	0.6	0.4	0.1	-	*	0.3	0.4	3.3	164
3.5 - 4.4	*	-	-	-	*	-	*	-	-	-	-	-	0.1	3
TOTAL %	8.9	5.7	4.0	5.6	16.8	27.1	17.4	3.0	0.4	0.8	3.3	7.0	100.0	
TOTAL N	438	278	199	275	829	1331	856	146	20	38	164	346		4920

(\* < 0.05%)

STATION: 42003

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

Month: MAY

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.7	0.2	0.2	0.3	0.9	2.4	6.6	2.2	0.3	0.7	0.3	0.4	15.3	575
0.5 - 1.4	2.8	3.0	5.3	6.5	13.1	15.6	16.2	4.8	0.2	1.6	1.0	0.8	70.9	2666
1.5 - 2.4	0.4	0.7	2.0	2.2	2.3	3.4	1.9	0.1	0.1	0.2	-	0.2	13.6	510
2.5 - 3.4	0.1	0.1	-	-	-	*	*	-	-	-	-	0.1	0.3	11
TOTAL %	4.0	3.9	7.6	9.1	16.4	21.5	24.7	7.1	0.6	2.4	1.3	1.5	100.0	
TOTAL N	149	148	285	341	616	808	931	266	21	91	49	57		3762

(\* < 0.05%)

STATION: 42003

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

Month: JUN

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	2.7	0.6	0.6	0.3	1.9	2.2	10.7	2.0	0.1	0.1	0.1	0.5	21.9	768
0.5 - 1.4	0.9	2.7	3.4	6.2	12.6	9.9	27.1	7.6	1.2	0.9	0.7	1.4	74.7	2615
1.5 - 2.4	-	-	0.5	0.8	0.3	0.3	1.2	0.3	-	-	-	-	3.4	120
TOTAL %	3.6	3.3	4.5	7.3	14.7	12.5	39.1	9.8	1.4	1.1	0.8	1.9	100.0	
TOTAL N	126	114	158	255	516	437	1370	345	48	38	29	67		3503

(\* < 0.05%)

STATION: 42003

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

Month: JUL

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	1.2	0.3	0.3	1.2	2.5	3.6	12.1	4.0	0.7	0.7	1.4	2.3	30.3	1664
0.5 - 1.4	1.2	0.5	1.5	3.1	11.2	15.9	19.1	4.0	1.3	2.1	2.9	3.0	65.7	3605
1.5 - 2.4	-	-	0.2	0.1	0.8	0.5	1.9	0.3	0.2	-	-	-	3.9	216
TOTAL %	2.4	0.8	2.0	4.4	14.5	20.0	33.0	8.3	2.2	2.8	4.3	5.3	100.0	
TOTAL N	132	44	107	240	794	1099	1812	455	123	154	236	289		5485

(\* < 0.05%)

STATION: 42003

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

Month: AUG

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	2.5	1.2	0.8	1.9	4.2	7.7	8.2	1.4	1.0	2.1	3.0	3.4	37.4	2493
0.5 - 1.4	2.3	2.1	3.1	5.2	11.2	10.6	7.9	2.4	1.4	3.7	3.4	2.8	56.2	3745
1.5 - 2.4	0.1	0.4	0.6	1.1	1.7	0.4	0.3	0.4	0.1	0.1	0.2	0.2	5.7	380
2.5 - 3.4	-	-	*	*	*	-	-	0.3	0.1	0.1	-	-	0.5	33
3.5 - 4.4	-	-	-	-	-	-	-	*	*	-	-	-	0.1	4
4.5 - 5.4	-	*	*	-	-	-	-	-	-	-	-	-	0.1	4
5.5 - 6.4	-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	4.9	3.7	4.6	8.2	17.2	18.8	16.5	4.6	2.6	5.9	6.6	6.4	100.0	
TOTAL N	329	248	307	546	1144	1252	1098	308	170	396	439	426		6663

(\* < 0.05%)

STATION: 42003

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

Month: SEP

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	1.6	1.9	1.5	2.2	4.2	5.1	5.7	1.0	0.5	0.6	0.6	1.6	26.5	1335
0.5 - 1.4	3.2	6.8	5.7	8.4	11.4	7.7	5.7	1.8	0.8	1.2	2.5	2.3	57.6	2900

1.5 - 2.4	0.8	2.6	1.0	0.7	1.9	1.8	0.9	0.3	0.3	0.1	0.8	0.5	11.6	585
2.5 - 3.4	0.1	0.2	0.9	*	0.1	0.3	0.5	0.1	0.1	0.2	0.2	-	2.6	132
3.5 - 4.4	-	-	*	*	0.1	0.1	0.3	0.3	0.3	0.1	-	*	1.2	58
4.5 - 5.4	-	-	*	0.1	*	*	0.1	-	*	0.1	*	-	0.4	18
5.5 - 6.4	-	-	*	0.1	*	-	-	-	-	-	-	-	0.1	5
6.5 - 7.4	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	5.7	11.6	9.1	11.7	17.8	14.9	13.2	3.5	1.9	2.1	4.1	4.3	100.0	
TOTAL N	286	585	458	589	897	752	664	176	97	108	205	219		5036

(\* < 0.05%)

STATION: 42003

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

Month: OCT

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	1.6	1.1	1.0	0.8	0.4	0.9	1.5	0.4	0.2	0.5	0.7	1.2	10.3	529
0.5 - 1.4	5.9	7.4	7.7	7.3	7.0	4.3	2.7	0.7	0.3	0.5	0.8	4.6	49.3	2519
1.5 - 2.4	1.3	4.0	5.8	6.8	5.9	2.8	1.3	*	0.1	0.2	0.3	1.6	30.3	1549
2.5 - 3.4	1.2	1.4	2.8	1.8	0.3	0.4	0.4	*	-	*	0.1	0.3	8.7	445
3.5 - 4.4	0.1	0.3	0.2	0.2	0.1	0.1	-	-	-	-	*	*	0.9	48
4.5 - 5.4	-	-	-	-	-	*	*	*	0.1	*	*	-	0.2	12
5.5 - 6.4	-	-	-	-	-	-	*	*	*	*	-	-	0.1	6
6.5 - 7.4	-	-	-	-	-	-	*	*	*	-	-	-	0.1	4
TOTAL %	10.2	14.1	17.6	17.0	13.7	8.6	6.0	1.2	0.7	1.3	1.9	7.7	100.0	
TOTAL N	523	723	899	867	701	439	306	60	34	68	99	393		5112

(\* < 0.05%)

STATION: 42003

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

Month: NOV

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.4	0.4	0.7	0.6	0.3	0.6	0.6	*	*	0.1	0.4	*	4.4	211
0.5 - 1.4	4.7	7.3	6.0	6.9	13.9	9.4	3.3	0.4	0.6	2.0	1.5	2.9	59.0	2855
1.5 - 2.4	3.3	4.5	5.1	3.9	5.9	2.2	0.7	0.4	0.2	0.2	1.6	3.5	31.7	1532
2.5 - 3.4	0.3	0.6	1.0	0.7	0.9	-	0.3	-	-	-	0.1	0.6	4.6	222
3.5 - 4.4	*	0.2	*	0.1	-	-	-	-	-	-	-	-	0.3	16
4.5 - 5.4	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	8.8	12.9	12.9	12.3	21.0	12.2	5.0	0.9	0.8	2.4	3.7	7.1	100.0	
TOTAL N	424	625	624	595	1018	592	240	42	41	115	177	344		4837

(\* < 0.05%)

STATION: 42003

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

Month: DEC

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	0.2	*	0.1	0.1	0.4	1.1	1.4	0.1	0.1	0.1	0.1	0.1	3.7	190
0.5 - 1.4	6.1	4.7	5.3	5.8	9.6	12.3	3.7	1.2	1.2	2.1	2.1	5.9	59.9	3066
1.5 - 2.4	3.0	2.9	2.9	3.1	4.2	2.7	1.9	0.7	0.2	0.8	2.2	4.9	29.5	1507
2.5 - 3.4	0.7	0.7	0.4	0.2	0.3	0.2	0.2	*	*	0.4	1.0	1.1	5.2	266
3.5 - 4.4	0.2	-	0.1	-	-	-	-	-	-	0.2	0.4	0.3	1.2	62
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.1	0.4	-	0.5	26
TOTAL %	10.2	8.2	8.6	9.3	14.5	16.3	7.1	2.0	1.5	3.6	6.3	12.4	100.0	
TOTAL N	524	419	441	475	741	832	365	100	78	184	323	635		5117

(\* < 0.05%)

STATION: 42003

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

All Months: Annual

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	1.0	0.6	0.6	0.8	1.4	2.3	4.3	1.1	0.3	0.5	0.7	0.9	14.6	8564
0.5 - 1.4	4.1	4.2	4.4	5.7	10.3	11.3	9.6	2.4	0.8	1.6	2.0	3.6	60.0	35103
1.5 - 2.4	1.8	1.9	2.0	2.2	3.7	2.8	1.8	0.4	0.2	0.3	1.0	2.0	20.1	11783
2.5 - 3.4	0.5	0.4	0.5	0.4	0.4	0.3	0.4	0.1	*	0.1	0.5	0.5	4.2	2446
3.5 - 4.4	0.1	0.1	*	*	0.1	*	0.1	*	*	*	0.1	0.2	0.8	449
4.5 - 5.4	-	*	*	*	*	*	*	*	*	*	0.1	*	0.2	92
5.5 - 6.4	-	-	*	*	*	-	*	*	*	*	*	*	0.0	27
6.5 - 7.4	-	-	-	*	-	-	*	*	*	*	-	*	0.0	14
7.5 - 8.4	-	-	-	-	-	-	-	-	-	*	-	*	0.0	4
8.5 - 9.4	-	-	-	-	-	-	-	-	-	-	*	*	0.0	6

TOTAL %	7.5	7.1	7.6	9.2	15.9	16.8	16.1	4.0	1.4	2.6	4.5	7.4	100.0	
TOTAL N	4366	4138	4420	5390	9316	9810	9443	2347	813	1510	2616	4319		58488

(\* < 0.05%)

STATION: 42003

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

Months: DEC, JAN, FEB (Winter)

MEAN WAVE DIRECTION

WAVE HEIGHT	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
< 0.5	0.3	0.1	0.3	0.3	0.2	0.6	1.4	0.4	0.2	0.1	0.1	0.1	4.0	571
0.5 - 1.4	6.4	4.6	4.4	5.4	8.3	11.8	6.0	1.7	1.0	1.5	2.0	4.9	57.9	8160
1.5 - 2.4	3.6	2.2	2.1	2.7	4.7	3.5	2.5	0.7	0.2	0.8	2.1	4.5	29.5	4162
2.5 - 3.4	1.0	0.5	0.3	0.5	0.5	0.4	0.5	0.1	0.1	0.3	1.2	1.4	6.8	960
3.5 - 4.4	0.2	0.1	0.1	0.1	*	*	*	*	*	0.1	0.3	0.5	1.4	198
4.5 - 5.4	-	*	-	-	*	-	-	-	-	*	0.2	*	0.3	43
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	*	*	0.0	7
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	-	*	0.0	3
TOTAL %	11.4	7.5	7.1	9.0	13.8	16.4	10.4	2.9	1.4	2.9	5.8	11.4	100.0	
TOTAL N	1612	1052	1002	1272	1941	2316	1467	409	203	403	823	1604		14104

(\* < 0.05%)

STATION: 42003

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

Months: MAR, APR, MAY (Spring)

MEAN WAVE DIRECTION

WAVE HEIGHT	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
< 0.5	0.4	0.2	0.3	0.4	0.4	1.1	2.6	0.8	0.2	0.3	0.3	0.2	7.2	993
0.5 - 1.4	4.1	3.3	4.1	5.0	10.6	14.4	11.9	2.6	0.3	1.0	1.9	4.0	63.3	8704
1.5 - 2.4	1.8	1.6	1.7	1.8	4.8	5.2	2.7	0.5	0.2	0.3	1.1	2.0	23.6	3239
2.5 - 3.4	0.4	0.2	0.2	0.3	0.8	0.6	0.7	0.1	*	0.1	0.8	0.6	4.8	654
3.5 - 4.4	*	0.1	*	*	0.1	*	0.2	-	-	*	0.3	0.2	0.9	125
4.5 - 5.4	-	*	-	-	-	-	*	*	*	-	*	*	0.1	14
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	-	*	0.0	5
6.5 - 7.4	-	-	-	-	-	-	-	-	-	*	-	*	0.0	4
7.5 - 8.4	-	-	-	-	-	-	-	-	-	*	-	*	0.0	4
8.5 - 9.4	-	-	-	-	-	-	-	-	-	-	*	*	0.0	6
TOTAL %	6.8	5.4	6.3	7.5	16.8	21.3	18.1	4.0	0.7	1.7	4.4	7.1	100.0	
TOTAL N	934	747	865	1026	2305	2923	2486	552	97	228	608	977		13748

(\* < 0.05%)

STATION: 42003

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

Months: JUN, JUL, AUG (Summer)

MEAN WAVE DIRECTION

WAVE HEIGHT	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
< 0.5	2.1	0.8	0.6	1.3	3.1	5.1	10.1	2.5	0.7	1.2	1.8	2.4	31.5	4925
0.5 - 1.4	1.6	1.7	2.6	4.7	11.5	12.3	16.1	4.1	1.3	2.5	2.6	2.6	63.7	9965
1.5 - 2.4	*	0.2	0.4	0.7	1.1	0.4	1.1	0.4	0.1	*	0.1	0.1	4.6	716
2.5 - 3.4	-	-	*	*	*	-	-	0.1	*	*	-	-	0.2	33
3.5 - 4.4	-	-	-	-	-	-	-	*	*	-	-	-	0.0	4
4.5 - 5.4	-	*	*	-	-	-	-	-	-	-	-	-	0.0	4
5.5 - 6.4	-	-	*	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	3.8	2.6	3.7	6.7	15.7	17.8	27.3	7.1	2.2	3.8	4.5	5.0	100.0	
TOTAL N	587	406	572	1041	2454	2788	4280	1108	341	588	704	782		15651

(\* < 0.05%)

STATION: 42003

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

Months: SEP, OCT, NOV (Autumn)

MEAN WAVE DIRECTION

WAVE HEIGHT	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
< 0.5	1.2	1.2	1.1	1.2	1.7	2.2	2.7	0.5	0.2	0.4	0.6	0.9	13.8	2075
0.5 - 1.4	4.6	7.2	6.5	7.6	10.7	7.1	3.9	1.0	0.6	1.2	1.6	3.3	55.2	8274
1.5 - 2.4	1.8	3.7	4.0	3.8	4.6	2.3	1.0	0.2	0.2	0.2	0.9	1.9	24.5	3666
2.5 - 3.4	0.5	0.7	1.6	0.8	0.5	0.2	0.4	*	*	0.1	0.1	0.3	5.3	799
3.5 - 4.4	*	0.1	0.1	0.1	*	*	0.1	0.1	0.1	*	*	*	0.8	122
4.5 - 5.4	-	-	*	*	*	*	*	*	*	*	*	*	0.2	31
5.5 - 6.4	-	-	*	*	*	-	*	*	*	*	-	-	0.1	11
6.5 - 7.4	-	-	-	*	-	-	*	*	*	-	-	-	0.0	7
TOTAL %	8.2	12.9	13.2	13.7	17.5	11.9	8.1	1.9	1.1	1.9	3.2	6.4	100.0	
TOTAL N	1233	1933	1981	2051	2616	1783	1210	278	172	291	481	956		14985

(\* < 0.05%)

