



15	-	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	2	*
MEAN	20.4	20.0	19.8	21.8	25.1	28.3	29.7	29.8	28.6	26.0	23.9	21.9	24.5						
S.D.	1.4	1.6	1.5	1.5	2.0	1.4	1.1	0.9	0.9	0.9	1.1	1.2	3.9						
TOTAL	4393	4021	4094	4288	4397	4270	4515	4030	3243	3829	4256	5083	50419						
MAX	23.0	25.6	23.7	27.2	30.5	33.6	33.7	33.9	31.3	28.4	26.6	25.0	33.9						
DATE	1997010820	1999021021	1997033018	1999042822	1999052823	1996062423	1998071922	1999080121	1997092222	1998100222	1999110119	1998120320	1999080121						
MIN	16.0	15.6	15.3	17.3	20.4	25.0	23.8	27.7	24.7	22.2	19.6	17.6	15.3						
DATE	1998011909	1998021501	1998030411	1996040411	1997050513	1997060517	1997072011	1997080417	1998092814	1997103119	1997112714	1996121311	1998030411						

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

STATION: 42040

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (12/1995 - 12/2001) (50412 RECORDS, 98.7% 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	
4	-	-	2	#	4	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	#	
3	-	-	27	999	14	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	999	
2	51	#	165	993	156	996	75	999	13	#	-	-	8	#	-	-	5	#	-	-	6	#	56	#	535	999	
1	483	988	491	952	613	957	708	982	225	997	72	#	68	998	18	#	15	998	79	#	214	999	404	989	3390	988	
0	646	878	723	830	949	808	1224	817	1615	946	968	983	726	983	542	996	517	994	528	979	424	948	685	910	9547	921	
-1	493	731	403	650	591	576	870	532	1778	578	1980	756	2363	822	2103	861	1493	834	1036	841	772	849	526	775	14408	732	
-2	415	619	384	550	396	432	552	329	619	174	896	293	1043	299	1076	339	767	374	854	571	709	667	379	671	8090	446	
-3	298	525	307	454	322	335	310	200	106	33	265	83	228	68	205	72	233	137	371	348	497	501	293	597	3435	286	
-4	251	457	317	378	262	256	233	128	15	9	63	21	63	17	71	21	109	65	275	251	398	384	402	539	2459	217	
-5	278	400	285	299	211	192	143	73	21	5	24	6	14	4	14	3	63	31	269	179	325	290	333	460	1980	169	
-6	285	336	220	228	161	141	84	40	3	1	1	*	2	*	-	-	33	12	173	109	254	214	356	394	1572	129	
-7	189	271	176	173	135	101	48	20	-	-	1	*	-	-	-	-	6	2	110	64	178	154	283	324	1126	98	
-8	187	228	138	130	91	68	13	9	-	-	-	-	-	-	-	-	-	-	50	35	147	113	284	269	910	76	
-9	162	186	100	95	63	46	14	6	-	-	-	-	-	-	-	-	-	-	45	22	123	78	274	213	781	58	
-10	149	149	74	70	42	31	12	3	-	-	-	-	-	-	-	-	-	-	29	10	135	49	229	159	670	42	
-11	135	115	60	52	24	21	-	-	-	-	-	-	-	-	-	-	-	-	9	3	53	17	213	114	494	29	
-12	132	84	52	37	16	15	-	-	-	-	-	-	-	-	-	-	-	-	1	*	13	5	115	72	329	19	
-13	73	54	26	24	12	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	98	49	215	13	
-14	52	38	15	18	11	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	48	30	128	8	
-15	46	26	8	14	13	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	21	133	6	
-16	34	15	11	12	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	8	79	3	
-17	22	8	18	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3	45	2	
-18	8	3	13	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	2	29	1	
-19	3	1	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	*
MEAN	-4.1	-2.9	-2.0	-1.1	-0.7	-1.1	-1.1	-1.1	-1.2	-1.4	-2.4	-3.2	-4.6	-2.2													
S.D.	4.5	3.9	3.1	1.9	0.9	0.9	0.9	0.9	0.8	1.2	2.2	2.9	4.3	3.0													
TOTAL	4392	4021	4094	4287	4395	4270	4515	4029	3241	3829	4256	5083	50412														
MAX	2.4	3.7	3.6	2.5	2.0	1.3	2.0	0.7	1.9	1.2	1.7	2.4	3.7														
DATE	1998011223	1999020915	1998030809	1998040819	1997050312	1998061613	1997072116	2000083007	1998092904	1997102616	1997112915	1995121518	1999020915														
MIN	-18.7	-18.9	-16.0	-9.8	-6.1	-6.6	-6.1	-5.2	-6.9	-11.5	-13.7	-18.3	-18.9														
DATE	1999010417	1996020417	1996030917	2001041814	1997052519	1999060617	1999072615	2000080319	1996092914	1997102809	2000112118	1996121920	1996020417														

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

STATION: 42040

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C) -- POR: (12/1995 - 12/2001) (49148 RECORDS, 96.3% 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	
29	-	-	-	-	-	-	-	-	-	-	-	3	#	-	-	-	-	-	-	-	-	-	-	-	-	3	#
28	-	-	-	-	-	-	-	-	-	-	7	#	49	999	36	#	-	-	-	-	-	-	-	-	-	92	999
27	-	-	-	-	-	-	-	-	-	-	151	998	304	988	222	991	158	#	-	-	-	-	-	-	-	835	998
26	-	-	-	-	-	-	-	-	60	#	426	963	693	921	612	936	339	951	95	#	-	-	-	-	2225	981	
25	-	-	-	-	-	-	-	295	986	406	863	1013	768	852	784	528	847	124	975	2	#	-	-	-	3220	936	
24	-	-	-	-	-	-	28	#	441	919	839	768	946	543	885	573	702	684	353	943	88	999	-	-	4282	870	
23	5	#	-	-	13	#	154	993	669	819	906	572	818	334	763	354	574	467	282	851	179	978	29	#	4392	783	
22	28	999	47	#	135	997	462	957	682	666	722	359	403	152	369	164	262	290	275	777	261	934	117	993	3763	694	
21	151	992	220	988	219	964	620	849	521	511	320	190	170	63	135	73	141	209	325	705	258	871	301	966	3381	617	
20	319	955	349	934	388	910	346	704	440	393	184	115	71	25	51	39	145	165	281	620	255	808	219	897	3048	548	
19	299	876	330	847	428	814	314	623	327	292	122	72	39	10	34	27	112	121	299	547	286	746	192	847	2782	486	
18	281	803	326	764	344	709	269	549	289	218	94	44	5	1	32	18	87	86	250	469	269	676	202	802	2448	430	
17	208	734	247	683	270	625	203	486	192	152	56	22	-	-	26	10	48	59	255	403	261	611	200	756	1966	380	
16	227	683	155	622	212	558	168	439	141	108	24	9	-	-	12	4	35	44	215	337	266	547	196	710	1651	340	
15	202	627	133	583	196	506	194	400	85	76	10	3	-	-	4	1	21	34	172	281	216	482	210	665	1443	306	
14	171	577	165	550	206	458	196	354	46	57	2	1	-	-	-	-	18	27	143	236	227	430	165	616	1339	277	
13	145	535	183	509	134	407	218	308	49	46	1	*	-	-	-	-	29	22	142	198	211	375	196	578	1308	250	
12	178	500	178	463	136	374	216	257	53	35	-	-	-	-	-	-	24	13	182	161	236	323	204	533	1407	223	
11	198	456	196	419	141	341	210	207	34	23	-	-	-	-	-	-	11	5	140	114	235	266	203	486	1368	195	

10	202	407	214	370	155	306	152	157	21	15	-	-	-	-	-	5	2	82	77	216	208	203	439	1250	167
9	238	358	203	317	160	268	95	122	19	11	-	-	-	-	-	1	*	67	56	199	156	207	393	1189	141
8	202	299	168	266	163	229	94	100	22	6	-	-	-	-	-	-	-	55	38	147	107	248	345	1099	117
7	143	249	181	225	131	189	72	78	6	1	-	-	-	-	-	-	-	43	24	96	72	230	288	902	95
6	141	214	183	180	108	156	80	61	-	-	-	-	-	-	-	-	-	21	13	77	48	213	235	823	76
5	169	180	140	134	104	130	103	42	-	-	-	-	-	-	-	-	-	15	7	65	29	211	186	807	60
4	127	138	101	99	97	104	50	18	-	-	-	-	-	-	-	-	-	10	3	22	14	206	137	613	43
3	91	107	80	74	92	80	17	6	-	-	-	-	-	-	-	-	-	3	1	21	8	136	90	440	31
2	91	85	81	54	83	58	6	2	-	-	-	-	-	-	-	-	-	-	-	12	3	91	58	364	22
1	116	62	46	34	61	37	3	1	-	-	-	-	-	-	-	-	-	-	-	1	*	74	38	301	14
0	65	34	34	22	29	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	20	170	8
-1	49	18	19	14	34	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	11	131	5
-2	17	6	19	9	22	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	4	69	2
-3	5	1	13	4	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	28	1
-4	1	*	5	1	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	9	*
-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	12.1		12.8		13.7		16.2		20.6		23.0		24.1		24.0		22.9		18.1		15.2		11.9		17.9
S.D.	6.2		6.0		6.1		5.2		3.4		2.2		1.7		1.9		3.0		4.9		5.1		6.2		6.6
TOTAL	4069		4016		4067		4270		4392		4270		4514		4033		3240		3829		4106		4342		49148
MAX	22.6		22.2		23.1		24.2		26.2		28.2		28.1		27.4		26.4		26.4		24.6		23.0		28.9
DATE	1997010821	2001021606	1997033017	2001041402	1998053123	1998061822	1998070717	1998080200	1998092112	1998100420	1998111103	2001121304	1998070717												
MIN	-3.6		-4.4		-3.7		0.9		7.1		13.4		18.1		15.0		9.0		2.7		1.2		-4.1		-4.4
DATE	1997011815	1996021702	1996031023	1999041718	1997050515	2001062423	2001071501	1997082307	2001093022	2001102709	1999110317	1996121919	1996021702												

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

STATION: 42040

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

ELEMENT: AIR - DEW POINT TEMPERATURE (DEGREES C) -- POR: (12/1995 - 12/2001) (49144 RECORDS, 96.2% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#
17	1	#	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	4	999	1	#	-	-	-	7	999
16	1	999	3	#	-	-	13	999	-	-	-	-	-	-	-	-	-	-	1	999	2	999	1	#	21	999	
15	7	999	9	999	7	#	24	997	1	#	-	-	-	-	-	-	-	-	11	998	11	999	7	999	77	999	
14	13	998	17	997	25	998	31	991	6	999	1	#	-	-	-	-	4	#	20	996	28	997	7	998	152	998	
13	19	995	42	993	47	992	55	984	10	998	1	999	-	-	-	-	9	999	37	990	69	990	17	997	306	995	
12	24	990	58	982	77	981	64	971	25	996	6	999	2	#	5	#	17	996	94	981	80	973	44	993	496	989	
11	58	984	91	968	106	962	118	956	38	990	15	998	9	999	23	999	50	991	137	956	141	953	67	982	853	978	
10	96	970	109	945	135	936	146	928	60	982	31	995	16	998	38	993	70	975	204	920	156	919	150	967	1211	961	
9	154	946	165	918	166	902	223	894	71	968	53	987	64	994	62	984	98	954	254	867	253	881	289	933	1852	936	
8	202	908	193	877	209	862	260	842	133	952	87	975	109	980	98	968	132	923	247	801	315	820	349	866	2334	899	
7	289	859	282	829	245	810	275	781	200	922	220	955	265	956	235	944	138	883	321	736	348	743	415	786	3233	851	
6	359	788	344	759	300	750	285	717	328	876	539	903	578	897	588	886	301	840	391	652	431	658	490	690	4934	785	
5	567	699	366	673	328	676	297	650	492	801	958	777	1034	769	977	740	550	747	454	550	457	553	533	577	7013	685	
4	489	560	419	582	310	595	419	580	754	689	916	552	1174	540	933	498	680	577	538	432	460	442	533	454	7625	542	
3	510	440	420	478	434	519	444	482	858	518	747	338	746	280	773	266	463	367	500	291	537	330	444	332	6876	387	
2	660	314	506	373	544	412	522	378	713	322	595	163	391	115	272	75	322	224	354	161	417	199	482	229	5778	247	
1	450	152	689	247	699	279	657	256	501	160	100	24	120	28	26	7	313	125	183	68	289	97	427	118	4454	130	
0	169	42	303	75	434	107	436	102	202	46	1	*	6	1	3	1	91	28	78	20	111	27	87	20	1921	39	
MEAN	4.3		4.3		4.2		4.5		3.7		4.3		4.4		4.6		4.3		5.5		5.4		5.0		4.5		
S.D.	2.8		3.3		3.4		3.6		2.4		1.8		1.7		1.7		2.5		3.1		3.2		2.9		2.8		
TOTAL	4068		4016		4066		4270		4392		4270		4514		4033		3238		3829		4106		4342		49144		
MAX	17.4		16.4		15.3		16.6		14.7		14.1		11.5		12.3		14.2		18.2		16.8		15.7		18.2		
DATE	2001013019	1997021709	1996032219	1999041804	1999050209	2001062423	2000072523	1997082407	2001092900	2001102621	1997110312	1996120900	2001102621														
MIN	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		
DATE	1998012309	2001022717	2001031307	2001041409	1998052721	1996060812	1998071007	1997080114	1998092814	1998100709	1998112316	1997122408	2001041409														

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

STATION: 42040

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (12/1995 - 12/2001) (50444 RECORDS, 98.8% 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	
1039	-	-	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#
1038	-	-	14	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	999
1037	-	-	8	996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	999
1036	11	#	5	994	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	999
1035	21	997	5	993	5	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	999
1034	23	993	7	992	11	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	#	-	-	48	999	
1033	39	987	11	990	14	996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	998	3	#	85	998	
1032	34	979	15	987	42	992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	994	5	999	112	996	

1031	49	971	33	983	27	982	-	-	-	-	-	-	-	-	-	-	4	#	31	990	33	998	177	994		
1030	55	960	56	975	28	975	-	-	-	-	-	-	-	-	-	-	14	999	53	983	76	992	282	990		
1029	68	947	81	961	31	969	-	-	-	-	-	-	-	-	-	-	17	995	64	971	49	977	310	985		
1028	88	932	85	941	37	961	6	#	-	-	-	-	-	-	-	-	17	991	69	956	53	967	355	978		
1027	213	912	112	920	78	952	15	999	5	#	-	-	-	-	-	-	35	986	105	939	127	957	690	971		
1026	169	863	118	892	53	933	36	995	9	999	-	-	-	-	-	-	49	977	103	915	153	932	690	958		
1025	193	825	139	863	60	920	63	987	10	997	-	-	-	-	-	-	69	964	118	891	231	902	883	944		
1024	241	781	186	828	123	906	107	972	40	995	10	#	9	#	-	-	121	946	269	863	423	856	1529	927		
1023	205	726	266	782	94	876	137	947	51	985	16	998	46	998	3	#	-	-	125	915	229	800	341	773	1513	896
1022	273	679	251	716	133	853	199	915	114	974	37	994	83	988	23	999	-	-	204	882	282	746	341	706	1940	866
1021	313	617	316	653	230	820	314	869	222	948	126	985	253	969	137	994	3	#	340	829	380	680	475	639	3109	828
1020	313	546	291	575	308	764	343	795	333	898	280	956	342	913	295	960	15	999	370	740	321	590	419	546	3630	766
1019	307	475	283	502	356	689	336	715	338	822	413	890	412	838	464	886	66	994	477	644	322	515	388	463	4162	694
1018	280	405	286	432	336	603	376	637	401	745	505	793	503	746	565	771	157	974	456	519	291	439	410	387	4566	612
1017	262	341	254	361	381	521	361	549	594	654	627	675	668	635	742	631	325	926	484	400	291	371	372	306	5361	521
1016	302	281	270	298	271	428	366	465	483	519	541	528	580	487	622	447	372	826	337	273	229	302	302	233	4675	415
1015	202	213	187	231	273	362	405	380	440	409	528	402	448	359	399	293	328	711	185	185	210	249	196	174	3801	322
1014	158	167	157	184	222	296	335	285	449	309	387	278	367	260	324	194	428	610	133	137	180	199	164	135	3304	247
1013	152	131	133	145	234	242	269	207	334	207	347	187	351	178	224	114	525	478	102	102	177	157	134	103	2982	181
1012	98	96	79	112	139	185	183	145	213	131	148	106	198	101	103	59	317	316	82	76	138	115	118	76	1816	122
1011	68	74	76	92	123	151	144	102	146	83	105	71	120	57	92	33	217	218	46	54	80	83	84	53	1301	86
1010	50	58	64	73	118	121	93	68	103	50	99	47	91	30	41	10	188	152	59	42	92	64	73	37	1071	60
1009	39	47	45	57	107	92	36	47	49	26	75	24	31	10	-	-	137	94	42	27	51	43	59	22	671	39
1008	47	38	36	46	65	66	43	38	39	15	26	6	9	3	-	-	47	51	17	16	29	31	24	11	382	26
1007	35	27	29	37	62	51	47	28	24	6	-	-	4	1	-	-	15	37	8	11	29	24	11	6	264	18
1006	24	19	21	30	36	36	28	17	3	1	-	-	1	*	-	-	11	32	6	9	27	17	16	4	173	13
1005	14	14	17	25	27	27	24	11	-	-	-	-	-	-	-	-	10	29	7	8	18	11	3	1	120	10
1004	16	11	13	21	30	20	13	5	-	-	-	-	-	-	-	-	11	26	7	6	16	6	-	-	106	7
1003	4	7	17	17	18	13	9	2	-	-	-	-	-	-	-	-	4	22	6	4	3	3	-	-	61	5
1002	6	6	6	13	15	9	-	-	-	-	-	-	-	-	-	-	14	21	5	3	3	2	-	-	49	4
1001	8	5	5	12	13	5	-	-	-	-	-	-	-	-	-	-	12	17	4	1	1	1	-	-	43	3
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999	2	*	9	8	1	*	-	-	-	-	-	-	-	-	-	-	3	13	-	-	-	-	-	-	15	2
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996	-	-	7	2	-	-	-	-	-	-	-	-	-	-	-	-	6	9	-	-	-	-	-	-	13	1
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993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	-	-	-	-	-	-	1	*
992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	-	-	-	-	-	-	2	*
991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
989	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	-	-	-	-	-	-	2	*
988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
987	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
986	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-	-	-	-	-	-	1	*
984	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-	-	-	-	-	-	1	*
983	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
982	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
981	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	1	*
980	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
979	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	1	*
978	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
977	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	1	*
976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	1	*
974	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	1	*
972	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	1	*
969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	1	*
967	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
966	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	*
965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	*
964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	*
963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	-	-	1	*

MEAN	1019.8	1019.2	1017.1	1016.8	1016.2	1016.0	1016.4	1016.6	1013.3	1018.2	1019.0	1019.7	1017.5
S.D.	6.0	6.2	5.8	4.3	3.4	2.9	3.0	2.4	4.3	4.0	5.4	4.7	4.9
TOTAL	4393	4021	4109	4288	4400	4270	4516	4034	3245	3829	4256	5083	50444
MAX	1036.1	1039.0	1035.6	1028.3	1026.9	1024.3	1024.1	1023.4	1020.5	1031.1	1034.3	1033.1	1039.0
DATE	1999010516	1996020504	1998031217	2001041816	1997050417	2001062716	1996072917	2000081517	1997091417	2001102916	1996111216	1	

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (12/1995 - 12/2001) (48902 RECORDS, 95.8% 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		
55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#	
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	2	#	
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	-	-	-	-	-	-	-	3	999	
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	998	-	-	-	-	-	-	-	3	999	
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	998	-	-	-	-	-	-	-	1	999	
48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	997	-	-	-	-	-	-	-	2	999	
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	997	-	-	-	-	-	-	-	1	999	
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	996	-	-	-	-	-	-	-	3	999	
45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	995	-	-	-	-	-	-	-	1	999	
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	995	-	-	-	-	-	-	-	2	999	
43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	994	-	-	-	-	-	-	-	1	999	
42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	994	-	-	-	-	-	-	-	2	999	
41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	994	-	-	-	-	-	-	-	1	999	
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39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	992	1	#	-	-	-	-	-	2	999	
38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	992	-	-	-	-	-	-	-	5	999	
37	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	990	-	-	-	-	-	-	-	4	999	
36	1	999	2	#	-	-	-	-	-	-	-	-	-	-	-	-	4	990	5	999	-	-	-	-	-	12	999	
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	998	-	-	-	-	-	2	999	
34	-	-	1	999	3	#	-	-	-	-	-	-	-	-	-	-	3	988	6	998	-	-	-	-	-	13	999	
33	-	-	4	999	2	999	-	-	-	-	-	-	-	-	-	-	1	987	7	996	1	#	3	#	3	#	18	999
32	1	999	1	998	1	999	1	#	-	-	-	-	1	#	-	-	4	987	8	995	-	-	2	999	19	998	19	998
31	2	999	3	998	4	999	-	-	-	-	1	#	6	999	-	-	4	986	11	992	1	999	5	999	5	999	37	998
30	3	999	12	997	6	998	3	999	-	-	-	-	1	998	-	-	1	985	9	990	-	-	6	998	41	997	41	997
29	3	998	11	994	10	996	3	999	1	#	1	999	2	998	-	-	3	984	12	987	5	999	7	996	58	996	58	996
28	15	997	12	992	9	994	5	998	2	999	2	999	4	998	-	-	4	983	11	984	6	998	23	995	93	995	93	995
27	17	994	21	989	24	991	6	997	1	999	4	999	4	997	1	#	4	982	11	981	14	997	27	989	134	993	134	993
26	43	989	22	983	28	986	18	996	4	999	3	998	5	996	-	-	10	981	17	978	20	993	35	983	205	991	205	991
25	45	979	32	978	29	979	22	992	1	998	4	997	6	995	1	999	5	978	25	974	33	988	39	975	242	986	242	986
24	46	968	44	970	36	972	26	986	3	998	-	-	4	994	3	999	16	976	24	967	39	979	43	966	284	981	284	981
23	71	956	51	959	75	963	31	980	5	997	7	996	3	993	6	999	33	971	43	961	43	968	50	956	418	976	418	976
22	99	939	63	946	68	945	52	973	9	996	5	995	6	992	6	997	39	961	52	950	49	957	81	945	529	967	529	967
21	114	915	70	931	82	928	68	961	14	994	9	994	19	991	19	996	39	949	78	936	72	944	97	926	681	956	681	956
20	148	887	99	913	106	908	100	945	16	991	18	992	11	987	25	991	48	937	113	916	93	925	130	904	907	942	907	942
19	223	850	167	889	162	882	144	922	38	987	37	987	31	984	28	985	85	922	143	886	148	900	207	874	1413	924	1413	924
18	244	795	138	847	157	843	195	888	43	979	79	979	47	977	48	978	85	896	160	849	188	861	214	826	1598	895	1598	895
17	245	735	199	813	187	805	202	843	69	969	87	960	51	967	55	966	103	870	181	807	178	811	247	777	1804	862	1804	862
16	226	675	189	763	182	759	223	796	86	953	91	940	77	956	79	952	107	838	177	760	237	764	243	720	1917	825	1917	825
15	242	620	241	716	203	715	212	744	128	934	141	919	106	938	88	933	96	805	221	714	221	701	232	664	2131	786	2131	786
14	236	560	249	656	237	666	266	694	190	905	190	886	177	915	111	911	156	776	235	656	261	643	305	611	2613	743	2613	743
13	263	502	228	594	235	608	295	632	261	861	244	841	227	876	123	884	162	728	221	595	244	574	292	540	2795	689	2795	689
12	284	438	307	538	266	551	394	563	418	802	326	784	324	826	231	853	198	678	277	537	304	509	314	473	3643	632	3643	632
11	232	368	229	461	290	486	311	471	317	707	320	708	328	754	213	796	170	617	255	465	262	428	258	401	3185	557	3185	557
10	210	311	229	405	257	415	308	399	355	635	288	633	361	681	262	743	191	565	238	398	261	359	266	341	3226	492	3226	492
9	212	259	237	348	239	353	259	327	391	554	311	565	353	601	284	678	244	506	212	336	214	290	263	280	3219	426	3219	426
8	182	207	265	289	221	295	235	266	392	465	340	492	380	523	344	608	239	431	177	280	179	233	217	220	3171	360	3171	360
7	164	162	235	223	223	241	239	212	378	376	375	413	385	439	336	523	217	357	166	234	160	186	220	170	3098	296	3098	296
6	114	122	163	164	205	187	186	156	358	290	347	325	366	354	390	439	198	290	179	191	157	143	166	119	2829	232	2829	232
5	143	94	190	124	217	137	165	112	316	209	365	244	382	273	431	343	229	229	173	144	146	102	149	81	2906	174	2906	174
4	97	59	111	77	127	84	123	74	227	137	256	158	297	189	309	236	158	159	116	99	89	63	80	47	1990	115	1990	115
3	67	35	100	49	100	53	91	45	166	85	180	98	236	123	252	159	150	110	105	69	59	39	69	28	1575	74	1575	74
2	36	18	55	24	72	29	64	24	106	48	131	56	178	71	233	97	104	64	72	41	28	24	40	12	1119	42	1119	42
1	29	10	31	10	32	11	31	9	73	23	86	26	98	31	118	39	69	32	38	22	36	16	9	3	650	19	650	19
0	10	2	11	3	14	3	8	2	30	7	23	5	43	10	40	10	35	11	48	13	25	7	4	1	291	6	291	6
MEAN	13.5		12.3		12.2		11.9		9.0		9.0		8.5		7.8		10.5		12.3		12.6		13.1		11.0		11.0	
S.D.	5.8		5.9		5.9		5.2		4.2		4.5		4.5		4.5		6.8		6.2		5.5		5.6		5.7		5.7	
TOTAL	4068		4022		4109		4286		4398		4271		4519		4036		3248		3829		3773		4343		48902		48902	
MAX	36.5		36.4		34.2		31.9		29.0		30.7		31.7		26.6		54.2		38.5		33.0		32.7		54.2		54.2	
DATE	2000012819		1998021522		1996031907		1997042615		1999050503		1998062512		1997071900		1998081917		1998092719		1996100715		2000110907							

67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999		
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999
58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	995	-	-	1	#	-	-	-	-	-	-	-	-	-	-	2	999
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999
52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	992	1	#	-	-	-	-	-	-	-	-	-	-	-	-	5	999
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999
46	1	#	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	990	2	999	-	-	-	-	-	-	-	-	-	-	-	-	7	999
45	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	989	2	999	-	-	-	-	-	-	-	-	-	-	-	-	4	999
44	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	988	4	999	-	-	-	-	-	-	-	-	-	-	-	-	6	999
43	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	988	4	998	-	-	-	-	-	-	-	-	-	-	-	-	7	999
42	1	999	1	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	987	-	-	-	-	1	#	-	-	-	-	-	1	#	5	999	
41	-	-	2	999	2	999	-	-	-	-	1	#	-	1	#	-	-	-	-	-	-	3	987	3	997	-	-	2	999	-	-	-	-	-	-	-	14	999	
40	1	999	3	999	2	999	-	-	-	-	-	-	1	986	8	996	-	-	-	-	-	1	986	8	996	-	-	1	999	17	998	-	-	-	-	-	17	998	
39	2	999	5	998	3	999	-	-	-	-	2	999	1	999	-	-	-	-	-	-	-	4	986	9	994	-	-	3	999	29	998	-	-	-	-	-	29	998	
38	2	999	2	997	4	998	1	#	-	-	1	999	4	999	-	-	-	-	-	-	-	2	985	8	991	-	-	6	998	30	997	-	-	-	-	-	30	997	
37	2	998	4	996	6	997	1	999	-	-	-	-	4	998	-	-	-	-	-	-	-	3	984	8	989	3	999	7	997	38	997	-	-	-	-	-	38	997	
36	7	998	9	995	7	995	2	999	-	-	1	999	1	998	-	-	-	-	-	-	-	2	983	8	987	1	999	8	995	46	996	-	-	-	-	-	46	996	
35	6	996	6	993	8	994	3	999	1	#	1	999	1	997	1	#	-	-	-	-	-	-	-	9	985	7	999	14	994	57	995	-	-	-	-	-	57	995	
34	16	995	17	991	7	992	4	998	3	999	2	999	3	997	-	-	-	-	-	-	-	3	982	7	983	6	997	15	990	83	994	-	-	-	-	-	83	994	
33	29	991	17	987	24	990	10	997	1	999	1	998	6	996	-	-	-	-	-	-	-	6	982	11	981	11	995	26	987	142	992	-	-	-	-	-	142	992	
32	22	984	21	983	18	984	12	995	-	-	2	998	5	995	-	-	-	-	-	-	-	7	980	16	978	17	992	24	981	144	989	-	-	-	-	-	144	989	
31	36	978	24	978	25	980	16	992	5	999	1	997	-	-	-	-	-	-	-	-	-	6	977	14	974	16	988	22	975	165	986	-	-	-	-	-	165	986	
30	51	969	33	972	34	974	14	989	-	-	4	997	3	994	2	999	10	976	19	970	33	984	34	970	237	983	-	-	-	-	-	-	-	-	-	237	983		
29	34	957	41	963	45	965	29	985	4	998	3	996	3	993	3	999	12	973	20	965	34	975	47	962	275	978	-	-	-	-	-	-	-	-	-	275	978		
28	63	948	49	953	43	954	30	979	-	-	3	996	3	993	5	999	21	969	30	960	46	966	54	952	347	973	-	-	-	-	-	-	-	-	-	347	973		
27	78	933	48	941	60	944	33	972	6	997	3	995	3	992	10	997	27	962	54	952	48	954	67	939	437	965	-	-	-	-	-	-	-	-	-	437	965		
26	92	914	66	929	78	929	56	964	13	995	8	994	13	991	15	995	38	954	60	938	59	941	101	924	599	956	-	-	-	-	-	-	-	-	-	599	956		
25	110	891	75	913	73	910	73	951	9	992	9	992	12	988	17	991	32	942	79	922	63	925	97	901	649	944	-	-	-	-	-	-	-	-	-	649	944		
24	134	864	84	894	112	893	79	934	18	990	14	990	14	986	16	987	51	932	81	902	102	909	140	878	845	931	-	-	-	-	-	-	-	-	-	845	931		
23	176	831	106	873	93	865	102	915	23	986	30	987	12	983	21	983	58	917	105	881	131	882	154	846	1011	914	-	-	-	-	-	-	-	-	-	1011	914		
22	210	788	112	847	135	843	137	892	32	981	35	980	32	980	31	978	67	899	134	853	128	847	181	810	1234	893	-	-	-	-	-	-	-	-	-	1234	893		
21	196	736	140	819	153	810	155	860	33	974	73	972	40	973	51	970	67	878	160	818	165	813	208	769	1441	868	-	-	-	-	-	-	-	-	-	1441	868		
20	190	688	147	784	132	773	170	823	50	966	71	955	45	964	46	957	72	858	163	776	168	769	195	721	1449	838	-	-	-	-	-	-	-	-	-	1449	838		
19	246	641	237	747	198	741	217	784	87	955	95	938	61	954	75	946	135	835	212	734	212	725	248	676	2023	809	-	-	-	-	-	-	-	-	-	2023	809		
18	194	581	205	688	167	692	167	733	105	935	111	916	103	941	59	927	95	794	171	679	188	668	218	619	1783	767	-	-	-	-	-	-	-	-	-	1783	767		
17	192	533	202	637	182	652	211	694	139	911	152	890	133	918	84	913	122	764	186	634	242	619	250	569	2095	731	-	-	-	-	-	-	-	-	-	2095	731		
16	202	486	199	587	181	607	248	645	193	880	191	854	170	888	105	892	148	727	181	585	217	554																	

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (3/1996 - 12/2001) (47385 RECORDS, 16.4% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	1	#
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	-	-	-	-	2	999
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	1	999
69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	1	999
67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	998	-	-	-	-	-	-	-	2	999
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	998	-	-	-	-	-	-	-	1	999
65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	998	-	-	-	-	-	-	-	4	999
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	996	-	-	-	-	-	-	-	1	999
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	996	-	-	-	-	-	-	-	2	999
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	995	-	-	-	-	-	-	-	1	999
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	995	-	-	-	-	-	-	-	3	999
58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	994	-	-	-	-	-	-	-	1	999
56	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	1	994	-	-	-	-	-	-	-	2	999
55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	994	-	-	1	#	-	-	-	4	999
54	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	1	993	-	-	-	-	-	-	-	2	999
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	992	-	-	-	-	-	-	-	2	999
52	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	992	-	-	-	-	-	-	-	3	999
51	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	1	991	-	-	-	-	-	-	-	2	999
50	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	991	-	-	-	-	-	-	-	5	999
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	990	-	-	-	-	-	-	-	3	999
48	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	-	-	-	-	-	4	999
47	-	-	1	999	1	999	-	-	-	-	-	-	-	-	-	-	3	989	1	999	-	-	-	-	-	6	999
46	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	988	4	999	-	-	-	-	-	6	999
45	1	999	2	999	2	999	2	999	-	-	-	-	-	-	-	-	1	987	1	998	-	-	-	-	-	9	999
44	2	999	-	-	2	999	-	-	-	-	1	#	-	-	-	-	-	-	4	998	1	999	-	-	-	10	999
43	1	998	6	999	4	999	-	-	-	-	-	-	-	1	#	4	987	4	997	-	-	4	#	-	-	24	998
42	1	998	1	997	2	998	-	-	-	-	1	999	1	#	-	-	1	986	3	996	-	-	-	2	999	12	998
41	1	998	3	996	10	997	-	-	-	-	2	999	2	999	1	999	5	986	9	995	2	999	8	998	43	998	
40	-	-	3	996	7	995	1	999	-	-	-	-	3	999	-	-	2	984	12	992	1	999	7	996	36	997	
39	2	997	6	995	4	994	3	999	1	#	3	999	3	999	-	-	4	983	5	989	-	-	4	994	35	996	
38	2	997	4	993	4	993	1	998	1	999	1	998	3	998	-	-	2	982	4	988	3	999	11	993	36	995	
37	8	996	6	992	13	992	3	998	-	-	-	-	6	997	-	-	2	982	9	987	4	998	4	990	55	994	
36	11	994	10	990	20	989	3	997	3	999	-	-	2	996	2	999	4	981	14	985	7	997	11	989	87	993	
35	5	990	15	987	29	985	7	997	3	999	3	998	5	996	2	999	5	980	10	981	11	995	15	986	110	991	
34	16	989	12	982	31	979	11	995	1	998	3	997	9	994	2	999	5	978	13	978	17	992	15	982	135	989	
33	27	984	27	979	40	972	15	993	2	998	4	997	4	992	2	998	10	977	20	975	25	988	26	978	202	986	
32	31	976	28	971	39	964	21	989	3	998	5	996	4	992	6	998	10	974	17	970	22	981	26	971	212	982	
31	37	967	22	962	59	955	20	984	3	997	-	-	6	991	2	996	10	970	17	965	30	975	38	964	244	978	
30	39	956	27	956	57	942	35	979	3	996	6	995	7	989	5	996	19	967	28	961	37	967	45	954	308	972	
29	57	944	45	948	89	930	36	971	8	995	5	993	9	988	14	994	25	962	29	954	48	957	48	942	413	966	
28	60	927	46	934	54	911	32	963	5	994	11	992	13	986	23	991	34	954	54	946	52	945	58	929	442	957	
27	66	910	37	920	64	900	62	955	12	993	9	989	18	983	25	985	33	943	68	932	52	931	80	913	526	948	
26	116	890	62	909	126	886	74	941	11	990	23	987	13	979	23	979	47	933	88	914	96	917	106	891	785	937	
25	116	855	86	891	106	859	103	924	14	987	15	982	15	976	26	973	49	919	94	891	106	892	110	862	840	920	
24	148	821	109	865	130	836	106	900	29	984	25	978	20	973	29	967	72	904	99	867	124	863	170	833	1061	902	
23	178	777	104	832	129	808	125	875	38	978	48	973	24	968	36	959	70	882	145	841	133	831	162	787	1192	880	
22	176	724	125	801	190	780	168	846	39	969	79	961	60	963	55	950	89	860	159	803	182	795	149	743	1471	855	
21	192	671	134	763	167	740	152	807	58	960	90	943	47	949	49	937	73	833	186	761	176	747	182	702	1506	824	
20	173	614	165	723	175	704	175	771	77	947	82	922	59	939	57	924	89	810	156	713	174	700	207	653	1589	792	
19	204	563	194	674	240	666	236	730	127	930	136	903	120	926	104	910	138	783	233	672	202	654	209	597	2143	759	
18	147	502	186	616	191	615	212	675	123	901	148	871	145	899	79	884	118	740	176	611	244	601	210	540	1979	713	
17	163	458	176	560	193	574	244	626	209	873	210	836	183	867	107	865	145	704	169	565	206	536	215	484	2220	672	
16	187	410	161	507	244	532	258	569	221	826	219	787	209	826	143	838	141	659	180	521	259	481	183	425	2405	625	
15	172	354	172	459	217	480	284	509	290	776	252	735	269	779	158	802	120	616	195	474	213	413	184	376	2526	574	
14	157	303	195	407	197	433	247	443	297	711	275	676	273	719	191	763	149	579	209	423	225	356	193	326	2608	521	
13	142	256	174	349	213	391	261	385	297	644	248	612	338	658	209	715	164	533	209	369	200	297	171	274	2626	466	
12	158	214	186	297	267	345	272	324	398	577	329	554	381	583	331	663	248	483	224	314	187	244	220	227	3201	410	
11	111	167	189	241	233	288	211	261	326	487	306	477	330	498	284	581	206	406	164	255	166	194	149	168	2675	343	
10	101	134	157	184	186	238	211	212	373	414	337	405	360	424	287</												





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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (12/1995 - 12/2001) (50234 RECORDS, 98.4% 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	
17	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	1	#	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	#	15	#	-	-	-	-	-	24	999	
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	#	13	997	18	996	-	-	-	-	45	999	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
11	-	-	15	#	3	#	-	-	-	-	1	#	-	-	11	996	11	993	26	991	-	-	-	-	67	999	
10	13	#	24	996	62	999	5	#	9	#	8	999	6	999	29	994	24	990	55	985	17	#	13	#	265	997	
9	114	997	99	990	109	984	60	999	81	998	29	998	61	998	67	986	75	982	63	970	99	996	58	997	915	992	
8	472	971	381	966	503	957	473	985	312	979	156	991	252	985	285	970	295	959	510	954	383	973	372	986	4394	974	
7	704	863	700	871	670	834	758	874	708	908	569	954	584	929	515	898	539	867	732	820	645	882	770	913	7894	886	
6	1202	703	1024	696	1139	671	1294	698	1248	746	1380	821	1001	799	741	769	754	699	1067	629	1192	730	1431	761	13473	729	
5	1077	429	991	441	928	392	974	396	940	461	1187	497	816	576	920	584	596	463	653	350	953	449	1424	478	11459	461	
4	639	183	559	195	495	165	546	168	744	246	724	219	1144	395	865	353	530	277	462	179	733	225	835	197	8276	233	
3	165	38	217	55	172	44	175	41	311	75	205	49	612	140	461	137	335	112	214	58	204	52	149	32	3220	68	
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4
0	-	-	5	1	9	2	-	-	19	4	3	1	19	4	85	21	24	7	7	2	16	4	14	3	201	4	
MEAN	5.8		5.7		5.9		5.8		5.5		5.4		5.1		5.2		5.6		6.0		5.6		5.6		5.6		
S.D.	1.4		1.5		1.5		1.4		1.5		1.2		1.6		1.8		1.8		1.7		1.5		1.3		1.5		
TOTAL	4386		4015		4090		4285		4372		4262		4496		3993		3205		3822		4242		5066		50234		
MAX	10.0		11.1		11.1		10.0		10.0		11.1		16.7		12.5		14.3		14.3		10.0		10.0		16.7		
DATE	1999012317		1998021612		1998031820		1999042114		1997052313		2001062101		1999072422		2001082117		1998092712		1998102823		1999111418		2000122805		1999072422		
MIN	2.5		0.0		0.0		2.5		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		
DATE	2001010505		1999022700		2001032502		2001040212		2001051603		1997060514		1998072017		1999080212		1996091412		2000102008		1998112712		1997121910		2001051603		

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

ELEMENT SUMMARY FOR STATION: 42040

- (A) TOTAL STDMET RECORDS READ = 51060
- (B) TOTAL CWIND RECORDS READ = 289131
- (C) TOTAL RECORDS USED IN STATS = 340191

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	50443	50419	50412	49148	50444	48902	48873	47385	50234	50234	50234	0
(E) ELEMENT OUT OF RANGE	617	641	648	1912	616	2158	2187	241746	826	826	826	51060

STATION: 42040 -- POR (12/1995 - 12/2001)

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

ELEMENT: AIR TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1995	MEAN	-	-	-	-	-	-	-	-	-	-	-	15.6	15.6
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	23.7	23.7
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	19-03	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	6.3	6.3
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	10-17	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	648	648
1996	MEAN	15.4	15.6	15.8	19.2	24.4	27.2	28.5	28.0	27.2	23.5	20.4	18.0	22.1
	MAXIMUM	22.7	22.2	21.1	23.5	28.2	30.7	31.3	30.0	29.3	26.9	25.1	23.7	31.3
	DAY-HR	01-22	26-22	07-08	29-18	24-00	27-07	12-23	08-22	16-22	01-16	07-21	01-08	JUL
	MINIMUM	2.9	0.8	3.1	12.9	17.9	21.3	23.5	24.2	21.2	15.9	11.8	3.2	0.8
	DAY-HR	08-13	04-20	09-17	06-22	01-01	08-12	08-22	13-17	29-10	23-12	27-07	19-20	FEB
	# OBS	735	684	740	736	736	716	830	790	717	730	687	739	8840
1997	MEAN	16.5	17.1	19.8	19.7	23.1	26.2	28.1	28.6	27.6	23.5	18.7	16.0	22.1
	MAXIMUM	23.5	21.9	23.7	23.7	27.4	29.9	31.3	31.5	30.6	27.7	24.3	23.0	31.5
	DAY-HR	09-04	28-16	30-17	22-23	28-16	27-22	05-00	06-22	03-23	09-18	02-02	10-06	AUG
	MINIMUM	4.5	8.2	12.9	13.7	18.4	20.5	23.8	24.2	23.5	13.0	11.0	7.9	4.5
	DAY-HR	17-18	11-16	06-17	18-15	04-19	05-16	17-19	01-15	26-02	28-09	16-19	14-23	JAN
	# OBS	736	654	739	710	734	717	730	737	711	734	698	730	8630
1998	MEAN	16.4	15.6	15.7	20.1	25.1	28.2	29.0	29.1	26.9	24.6	22.1	19.8	22.8
	MAXIMUM	21.9	19.9	22.0	23.0	29.6	31.5	31.8	32.3	29.0	29.1	25.5	25.0	32.3
	DAY-HR	22-16	27-01	31-23	18-20	20-18	18-22	20-00	11-17	01-04	02-22	02-23	07-22	AUG
	MINIMUM	10.3	8.8	5.0	14.4	21.1	23.0	24.7	25.8	23.8	19.1	13.3	10.8	5.0
	DAY-HR	24-14	06-20	12-17	05-18	01-12	07-13	10-08	16-19	28-14	23-15	06-17	30-18	MAR
	# OBS	707	665	717	688	711	688	738	782	707	737	719	740	8599

1999	MEAN	17.9	18.0	18.4	22.1	24.3	27.7	28.4	29.8	-	23.2	21.0	17.6	22.3
	MAXIMUM	23.8	24.5	21.8	25.7	28.4	29.5	30.4	32.1	-	26.7	25.4	23.6	32.1
	DAY-HR	23-07	10-22	09-11	28-21	28-23	24-23	30-01	02-22	-	16-04	01-05	13-07	AUG
	MINIMUM	3.5	6.8	11.9	16.0	17.8	22.2	23.4	25.2	-	16.0	14.6	9.7	3.5
	DAY-HR	04-17	22-12	04-13	16-14	01-13	06-17	26-15	09-16	-	24-15	03-17	25-20	JAN
	# OBS	738	660	433	720	738	719	740	258	-	453	716	739	6914
2000	MEAN	17.2	17.9	20.1	21.3	25.2	27.3	29.2	28.8	27.9	24.0	19.7	15.3	22.6
	MAXIMUM	23.0	22.8	23.2	24.4	27.8	29.4	31.3	30.9	30.5	25.6	25.9	23.0	31.3
	DAY-HR	04-05	16-23	29-22	25-01	27-23	24-05	16-23	17-22	14-21	22-17	09-10	13-22	JUL
	MINIMUM	6.0	6.9	10.7	12.6	22.3	24.3	24.8	24.6	24.1	22.7	9.6	4.1	4.1
	DAY-HR	26-16	05-16	12-14	09-09	05-03	15-11	08-09	03-19	06-03	19-12	21-18	20-10	DEC
	# OBS	734	690	739	716	737	720	737	725	399	431	717	744	8089
2001	MEAN	14.3	18.1	17.4	21.7	24.0	26.9	28.0	27.9	26.8	23.0	22.0	18.7	22.4
	MAXIMUM	22.0	23.0	23.4	25.4	27.5	28.6	30.3	29.7	30.5	26.9	24.4	24.0	30.5
	DAY-HR	29-23	15-22	03-23	15-22	30-22	29-00	19-18	09-22	09-21	13-22	29-17	17-18	SEP
	MINIMUM	6.2	10.6	11.7	13.0	21.7	21.9	24.4	23.8	21.5	14.6	16.0	9.7	6.2
	DAY-HR	02-14	03-13	20-14	18-17	02-00	27-22	06-14	12-12	27-02	28-10	30-19	26-12	JAN
	# OBS	742	669	741	717	741	710	741	743	713	744	719	743	8723
POR	MEAN	16.3	17.0	17.9	20.7	24.3	27.3	28.5	28.6	27.2	23.6	20.7	17.3	22.3
	MAXIMUM	23.8	24.5	23.7	25.7	29.6	31.5	31.8	32.3	30.6	29.1	25.9	25.0	32.3
	YEAR	1999	1999	1997	1999	1998	1998	1998	1997	1998	1998	2000	1998	AUG/1998
	MINIMUM	2.9	0.8	3.1	12.6	17.8	20.5	23.4	23.8	21.2	13.0	9.6	3.2	0.8
	YEAR	1996	1996	1996	2000	1999	1997	1999	2001	1996	1997	2000	1996	FEB/1996
	# OBS	4392	4022	4109	4287	4397	4270	4516	4035	3247	3829	4256	5083	50443

STATION: 42040 -- POR (12/1995 - 12/2001)

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

ELEMENT: SEA TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1995	MEAN	-	-	-	-	-	-	-	-	-	-	-	21.6	21.6
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	23.4	23.4
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	09-09	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	19.1	19.1
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	15-18	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	648	648
1996	MEAN	20.0	19.6	19.0	20.3	25.3	28.7	29.7	29.5	28.7	25.8	24.0	21.4	24.4
	MAXIMUM	21.4	22.7	20.3	23.8	29.7	33.6	32.8	31.6	29.9	28.1	25.3	23.4	33.6
	DAY-HR	02-22	26-22	31-21	27-23	27-01	24-23	20-21	08-23	05-21	02-22	01-22	17-02	JUN
	MINIMUM	17.6	17.5	16.8	17.3	21.2	25.8	27.4	28.4	27.7	24.5	22.2	17.6	16.8
	DAY-HR	11-08	19-03	23-13	04-11	02-08	04-13	26-10	25-12	30-23	24-10	29-00	13-11	MAR
	# OBS	735	683	740	736	736	716	830	790	717	730	687	739	8839
1997	MEAN	21.1	20.5	20.7	21.2	23.8	27.2	29.2	29.8	29.0	26.2	22.7	20.9	24.4
	MAXIMUM	23.0	21.5	23.7	23.5	28.9	32.3	33.7	33.9	31.3	28.4	25.1	23.0	33.9
	DAY-HR	08-20	02-20	30-18	23-00	27-19	27-22	24-23	19-21	22-22	01-00	10-00	04-11	AUG
	MINIMUM	18.7	18.0	18.3	19.7	20.4	25.0	23.8	27.7	27.4	22.2	19.6	18.8	18.0
	DAY-HR	30-17	26-15	08-16	17-06	05-13	05-17	20-11	04-17	30-09	31-19	27-14	30-17	FEB
	# OBS	736	654	739	711	734	717	730	737	711	734	698	730	8631
1998	MEAN	18.9	17.7	17.7	21.0	25.7	29.2	30.2	30.3	27.8	26.2	24.6	23.3	24.5
	MAXIMUM	21.2	19.9	21.4	22.7	30.0	32.5	33.7	32.9	30.5	28.4	26.6	25.0	33.7
	DAY-HR	03-21	01-19	31-23	24-23	30-23	21-19	19-22	28-23	01-00	02-22	01-22	03-20	JUL
	MINIMUM	16.0	15.6	15.3	19.1	21.5	26.8	28.1	28.5	24.7	25.0	21.4	21.2	15.3
	DAY-HR	19-09	15-01	04-11	09-07	01-13	16-13	11-14	07-03	28-14	30-07	29-15	22-07	MAR
	# OBS	707	665	716	688	711	688	738	782	707	737	719	740	8598
1999	MEAN	21.5	21.6	19.7	23.0	25.1	29.0	29.5	31.0	-	26.5	24.5	22.1	24.6
	MAXIMUM	22.9	25.6	22.7	27.2	30.5	32.8	31.7	33.9	-	27.7	26.6	23.4	33.9
	DAY-HR	18-22	10-21	25-20	28-22	28-23	16-20	25-22	01-21	-	19-19	01-19	05-20	AUG
	MINIMUM	19.0	18.3	17.5	20.1	23.1	27.3	28.2	29.5	-	24.6	22.8	19.2	17.5
	DAY-HR	14-15	03-15	04-05	01-13	12-03	09-15	19-13	10-19	-	26-14	30-23	25-16	MAR
	# OBS	739	660	419	720	738	719	739	254	-	453	716	739	6896
2000	MEAN	21.1	20.4	21.3	22.8	25.7	28.4	30.3	30.2	29.3	25.6	24.1	21.2	24.9
	MAXIMUM	22.5	22.5	22.7	24.9	28.3	31.0	33.3	33.3	31.2	27.0	25.5	23.1	33.3
	DAY-HR	17-18	16-19	25-21	16-22	27-23	24-19	08-22	21-21	14-22	17-21	01-00	11-19	AUG
	MINIMUM	17.6	18.8	20.5	21.3	22.8	27.2	28.5	29.0	28.2	24.6	20.7	19.1	17.6
	DAY-HR	18-14	11-14	13-14	02-15	02-13	02-09	01-16	11-09	18-08	27-15	25-05	31-05	JAN
	# OBS	734	690	739	716	737	720	737	724	398	431	717	744	8087
2001	MEAN	19.4	20.2	20.5	22.6	24.7	27.6	29.1	28.8	28.6	25.7	23.5	22.5	24.5
	MAXIMUM	20.6	22.7	22.7	26.1	28.6	31.3	32.4	30.5	31.0	27.1	24.8	23.5	32.4
	DAY-HR	28-23	28-22	02-00	14-23	30-23	22-00	30-22	24-23	09-23	02-15	01-23	01-05	JUL

	MINIMUM	16.7	16.9	18.6	19.9	22.4	25.8	27.7	27.9	26.2	24.3	22.0	21.3	16.7
	DAY-HR	23-16	09-03	28-18	01-15	16-13	12-16	01-12	12-13	24-11	29-10	20-13	31-23	JAN
	# OBS	742	669	741	717	741	710	741	743	710	744	719	743	8720
POR	MEAN	20.4	20.0	19.8	21.8	25.1	28.3	29.7	29.8	28.6	26.0	23.9	21.9	24.5
	MAXIMUM	23.0	25.6	23.7	27.2	30.5	33.6	33.7	33.9	31.3	28.4	26.6	25.0	33.9
	YEAR	1997	1999	1997	1999	1999	1996	1998	1999	1997	1998	1999	1998	AUG/1999
	MINIMUM	16.0	15.6	15.3	17.3	20.4	25.0	23.8	27.7	24.7	22.2	19.6	17.6	15.3
	YEAR	1998	1998	1998	1996	1997	1997	1997	1997	1998	1997	1997	1996	MAR/1998
	# OBS	4393	4021	4094	4288	4397	4270	4515	4030	3243	3829	4256	5083	50419

STATION: 42040 -- POR (12/1995 - 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
1995	MEAN	-	-	-	-	-	-	-	-	-	-	-	11.7	11.7
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	22.5	22.5
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	19-01	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	-0.1	-0.1
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	11-02	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	648	648
1996	MEAN	10.7	12.0	11.2	15.7	21.7	22.6	24.6	23.7	22.5	18.6	15.9	13.3	17.8
	MAXIMUM	21.3	21.7	20.8	23.4	26.1	26.1	27.2	26.4	27.2	25.1	24.2	22.8	27.2
	DAY-HR	02-04	28-16	06-22	29-19	28-05	27-05	10-08	09-22	17-04	02-09	08-01	01-09	SEP
	MINIMUM	-2.2	-4.4	-3.7	3.1	7.1	15.4	21.0	20.1	15.0	4.4	3.3	-4.1	-4.4
	DAY-HR	28-01	17-02	10-23	02-04	01-10	11-04	20-21	15-03	23-03	24-01	09-20	19-19	FEB
	# OBS	735	680	739	736	736	716	830	790	717	730	687	739	8835
1997	MEAN	12.9	13.5	17.2	14.8	19.9	22.6	24.5	23.6	23.6	19.0	14.2	11.6	18.2
	MAXIMUM	22.6	21.6	23.1	22.8	25.1	26.4	28.4	26.8	26.3	25.9	24.0	23.0	28.4
	DAY-HR	08-21	28-16	30-17	27-19	28-12	20-18	04-11	06-17	22-17	26-17	12-22	10-04	JUL
	MINIMUM	-3.6	0.8	2.9	2.0	7.1	14.8	20.5	15.0	18.8	9.0	3.0	1.2	-3.6
	DAY-HR	18-15	17-09	31-21	18-21	05-15	02-20	14-09	23-07	07-03	19-10	03-12	17-02	JAN
	# OBS	736	654	739	710	734	717	730	737	711	734	698	730	8630
1998	MEAN	13.6	11.7	12.0	16.6	22.9	25.6	26.0	26.1	25.4	20.9	19.2	-	20.2
	MAXIMUM	21.9	19.9	22.0	22.9	26.2	28.2	28.9	28.1	27.4	26.4	24.6	-	28.9
	DAY-HR	07-12	27-01	31-23	17-20	31-23	18-22	07-17	02-00	21-12	04-20	11-03	-	JUL
	MINIMUM	3.0	4.1	-0.6	5.5	15.3	17.5	22.0	22.9	21.3	10.5	7.9	-	-0.6
	DAY-HR	25-09	07-11	12-23	11-17	04-23	08-03	30-20	16-17	07-14	22-23	07-01	-	MAR
	# OBS	708	665	702	688	711	688	737	782	701	737	570	-	7689
1999	MEAN	16.2	12.3	13.3	18.0	19.3	22.4	23.4	24.5	-	16.1	13.7	11.4	17.2
	MAXIMUM	21.5	20.8	19.9	23.6	23.7	25.5	26.5	26.9	-	23.7	22.2	21.6	26.9
	DAY-HR	23-06	10-12	09-13	28-02	07-04	27-02	24-04	03-08	-	13-19	01-07	13-06	AUG
	MINIMUM	6.7	0.3	1.9	0.9	7.5	17.9	18.3	20.9	-	6.3	1.2	1.7	0.3
	DAY-HR	24-17	24-20	04-17	17-18	02-09	20-10	15-00	05-20	-	24-14	03-17	26-21	FEB
	# OBS	415	659	410	705	734	719	739	256	-	453	715	739	6544
2000	MEAN	12.1	12.6	16.1	15.5	21.2	22.3	23.4	23.4	23.2	16.7	13.7	10.0	17.3
	MAXIMUM	21.3	21.3	21.9	22.8	25.0	25.0	27.6	27.8	26.7	21.0	24.0	22.4	27.8
	DAY-HR	04-10	16-23	31-02	03-05	29-09	23-07	16-19	30-10	05-16	22-18	09-08	14-06	AUG
	MINIMUM	-2.5	0.9	4.7	3.6	11.7	16.5	18.2	20.0	14.6	8.8	1.5	-2.0	-2.5
	DAY-HR	25-20	06-02	13-01	05-19	15-23	08-06	27-00	31-08	17-01	15-06	21-19	17-18	JAN
	# OBS	734	689	737	714	736	720	737	725	398	431	717	743	8081
2001	MEAN	8.7	14.7	12.0	16.8	18.7	22.4	22.9	22.8	20.1	16.1	15.6	13.2	17.0
	MAXIMUM	20.6	22.2	22.4	24.2	23.2	25.5	25.6	25.7	25.2	24.5	23.1	23.0	25.7
	DAY-HR	19-13	16-06	02-02	14-02	30-08	07-07	10-16	17-17	01-04	14-00	26-10	13-04	AUG
	MINIMUM	-3.0	-1.0	0.1	2.4	9.8	13.4	18.1	17.0	9.0	2.7	2.3	-0.8	-3.0
	DAY-HR	23-03	05-02	26-22	19-02	23-17	24-23	15-01	23-10	30-22	27-09	21-23	27-20	JAN
	# OBS	741	669	740	717	741	710	741	743	713	744	719	743	8721
POR	MEAN	12.1	12.8	13.7	16.2	20.6	23.0	24.1	24.0	22.9	18.1	15.2	11.9	17.9
	MAXIMUM	22.6	22.2	23.1	24.2	26.2	28.2	28.9	28.1	27.4	26.4	24.6	23.0	28.9
	YEAR	1997	2001	1997	2001	1998	1998	1998	1998	1998	1998	1998	2001	JUL/1998
	MINIMUM	-3.6	-4.4	-3.7	0.9	7.1	13.4	18.1	15.0	9.0	2.7	1.2	-4.1	-4.4
	YEAR	1997	1996	1996	1999	1997	2001	2001	1997	2001	2001	1999	1996	FEB/1996
	# OBS	4069	4016	4067	4270	4392	4270	4514	4033	3240	3829	4106	4342	49148

STATION: 42040 -- POR (12/1995 - 12/2001)

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

## ELEMENT: SEA LEVEL PRESSURE (MILLIBARS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1995	MEAN	-	-	-	-	-	-	-	-	-	-	-	1019.3	1019.3
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	1031.4	1031.4
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	11-05	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	1005.0	1005.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	19-04	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	648	648
1996	MEAN	1018.1	1018.5	1017.1	1017.2	1017.9	1016.8	1017.0	1017.8	1014.0	1016.8	1021.0	1020.8	1017.7
	MAXIMUM	1030.4	1039.0	1034.6	1025.7	1024.2	1021.8	1024.1	1021.9	1019.7	1026.6	1034.3	1033.1	1039.0
	DAY-HR	08-16	05-04	09-17	16-17	09-15	02-16	29-17	24-17	23-16	27-16	12-16	20-16	FEB
	MINIMUM	999.4	1006.0	1000.5	1008.6	1010.1	1010.9	1009.4	1010.2	1009.5	1000.4	1011.1	1007.7	999.4
	DAY-HR	02-10	20-01	19-00	01-00	23-00	09-01	04-01	31-23	16-10	07-19	21-08	01-09	JAN
	# OBS	735	683	740	736	736	716	830	790	717	730	687	739	8839
1997	MEAN	1020.7	1021.3	1018.9	1015.4	1017.3	1014.4	1016.6	1017.3	1015.0	1017.2	1017.7	1016.5	1017.3
	MAXIMUM	1033.0	1033.4	1028.7	1024.4	1026.9	1021.1	1023.1	1022.5	1020.5	1023.7	1031.4	1031.9	1033.4
	DAY-HR	18-17	17-16	16-16	02-17	04-17	19-17	08-14	17-17	14-17	29-16	17-16	31-23	FEB
	MINIMUM	1006.8	1005.1	1009.9	1002.5	1009.6	1007.7	1006.2	1012.6	1007.1	1008.3	1000.0	1005.5	1000.0
	DAY-HR	09-05	13-11	21-09	23-07	31-23	05-23	19-00	30-23	25-23	24-10	13-21	24-11	NOV
	# OBS	736	654	739	711	735	717	730	737	711	734	698	730	8632
1998	MEAN	1017.7	1012.6	1018.4	1015.8	1014.8	1016.7	1017.5	1016.2	1010.5	1019.2	1019.1	1021.3	1016.7
	MAXIMUM	1035.9	1023.6	1035.6	1025.3	1021.6	1022.1	1022.0	1022.0	1019.0	1027.0	1026.7	1027.4	1035.9
	DAY-HR	01-16	24-16	12-17	11-16	20-15	10-16	26-04	09-17	05-17	23-16	12-16	16-15	JAN
	MINIMUM	999.1	995.8	999.3	1006.6	1006.5	1007.8	1011.1	1011.0	963.4	1010.6	1009.3	1012.7	963.4
	DAY-HR	07-13	03-08	08-06	09-01	10-00	15-09	14-09	26-01	27-23	01-00	02-20	29-21	SEP
	# OBS	707	665	717	688	711	688	738	782	707	737	719	740	8599
1999	MEAN	1020.1	1019.7	1017.4	1016.0	1015.0	1015.7	1017.3	1013.3	-	1017.9	1020.5	1020.3	1017.8
	MAXIMUM	1036.1	1030.4	1024.1	1027.0	1020.2	1020.0	1023.3	1016.7	-	1025.3	1032.1	1031.3	1036.1
	DAY-HR	05-16	13-16	07-17	18-17	29-16	03-14	21-17	08-16	-	25-16	30-16	01-04	JAN
	MINIMUM	1005.0	1007.7	1006.8	1004.2	1005.6	1011.1	1010.5	1010.3	-	1010.8	1010.1	1007.6	1004.2
	DAY-HR	23-06	18-00	03-09	15-09	04-22	30-00	30-22	05-23	-	17-08	01-23	21-06	APR
	# OBS	739	660	433	720	740	719	740	257	-	453	716	739	6916
2000	MEAN	1021.3	1022.2	1016.4	1016.4	1015.4	1016.5	1014.1	1016.1	1011.7	1019.9	1016.8	1021.1	1017.4
	MAXIMUM	1035.8	1031.4	1024.3	1027.5	1020.6	1021.2	1018.3	1023.4	1016.0	1026.3	1032.7	1028.8	1035.8
	DAY-HR	14-17	06-17	13-16	09-16	19-16	19-16	10-16	15-17	13-17	23-16	21-16	22-16	JAN
	MINIMUM	1008.3	1010.5	1003.4	1003.5	1009.3	1011.2	1007.7	1009.7	1007.8	1016.4	1003.1	1008.2	1003.1
	DAY-HR	24-08	14-00	27-22	24-10	25-08	15-23	15-22	30-10	05-22	19-22	09-10	28-10	NOV
	# OBS	734	690	739	716	737	720	737	725	398	431	717	744	8088
2001	MEAN	1020.8	1020.8	1014.7	1019.7	1016.6	1016.1	1015.7	1016.5	1014.4	1018.8	1019.1	1018.5	1017.6
	MAXIMUM	1032.6	1029.8	1023.9	1028.3	1022.6	1024.3	1022.1	1022.0	1019.0	1031.1	1026.6	1027.4	1032.6
	DAY-HR	02-16	18-15	27-16	18-16	08-16	27-16	04-17	07-16	26-15	29-16	09-16	21-16	JAN
	MINIMUM	1006.0	1013.5	999.5	1012.6	1008.7	1008.4	1008.8	1009.5	1010.3	1003.8	1008.8	1009.7	999.5
	DAY-HR	19-13	28-22	29-12	11-09	21-09	11-12	22-10	05-09	29-09	13-21	24-10	28-21	MAR
	# OBS	742	669	741	717	741	710	741	743	712	744	719	743	8722
POR	MEAN	1019.8	1019.2	1017.1	1016.8	1016.2	1016.0	1016.4	1016.6	1013.3	1018.2	1019.0	1019.7	1017.5
	MAXIMUM	1036.1	1039.0	1035.6	1028.3	1026.9	1024.3	1024.1	1023.4	1020.5	1031.1	1034.3	1033.1	1039.0
	YEAR	1999	1996	1998	2001	1997	2001	1996	2000	1997	2001	1996	1996	FEB/1996
	MINIMUM	999.1	995.8	999.3	1002.5	1005.6	1007.7	1006.2	1009.5	963.4	1000.4	1000.0	1005.0	963.4
	YEAR	1998	1998	1998	1997	1999	1997	1997	2001	1998	1996	1997	1995	SEP/1998
	# OBS	4393	4021	4109	4288	4400	4270	4516	4034	3245	3829	4256	5083	50444

STATION: 42040 -- POR (12/1995 - 12/2001)

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

## ELEMENT: AVERAGE WIND SPEED (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1995	MEAN	-	-	-	-	-	-	-	-	-	-	-	12.9	12.9
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	29.0	29.0
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	10-05	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	-	0.4	0.4
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	05-04	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	648	648
1996	MEAN	13.6	11.3	13.3	11.2	7.8	7.1	8.5	7.9	8.8	13.9	14.4	12.5	10.8
	MAXIMUM	30.5	29.2	34.2	29.2	18.9	22.6	24.7	25.3	23.7	38.5	29.4	29.4	38.5
	DAY-HR	24-12	12-05	19-07	30-07	29-22	08-02	08-17	21-20	21-17	07-15	08-17	17-01	OCT
	MINIMUM	0.6	0.0	0.2	0.0	0.0	0.2	0.0	0.2	0.2	0.4	0.8	0.8	0.0
	DAY-HR	21-16	22-05	23-10	17-04	13-23	18-15	26-05	05-13	10-04	24-05	06-01	09-20	JUL

	# OBS	735	684	740	736	736	716	830	790	717	730	687	739	8840
1997	MEAN	14.1	13.8	10.7	13.8	8.2	8.7	8.5	7.2	7.9	12.7	12.3	13.3	10.9
	MAXIMUM	28.8	36.4	27.4	31.9	24.7	27.0	31.7	18.9	23.1	28.8	24.9	31.3	36.4
	DAY-HR	28-14	13-11	31-14	26-15	25-11	23-15	19-00	02-00	25-15	24-15	13-00	29-06	FEB
	MINIMUM	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0	0.0
	DAY-HR	02-08	05-07	26-11	17-01	22-23	01-03	28-10	29-02	15-03	21-23	26-22	18-20	OCT
	# OBS	736	654	739	711	735	718	730	737	711	734	698	730	8633
1998	MEAN	13.2	14.6	12.4	12.3	8.7	9.8	7.9	7.7	16.3	10.9	11.4	-	11.3
	MAXIMUM	30.1	36.4	29.2	26.6	19.2	30.7	27.4	26.6	54.2	27.2	22.6	-	54.2
	DAY-HR	07-13	15-22	17-20	29-23	11-05	25-12	14-19	19-17	27-19	22-13	10-07	-	SEP
	MINIMUM	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	-	0.0
	DAY-HR	18-11	21-08	04-06	24-23	20-13	23-13	12-21	28-00	04-02	31-03	10-23	-	NOV
	# OBS	706	665	717	688	711	688	738	781	707	737	239	-	7377
1999	MEAN	12.4	10.7	12.8	10.4	9.1	8.9	8.4	8.4	-	12.9	11.8	14.2	10.8
	MAXIMUM	26.8	29.0	30.3	24.3	29.0	19.8	19.2	23.5	-	22.9	28.0	32.5	32.5
	DAY-HR	23-03	12-15	03-13	16-12	05-03	07-20	15-19	09-22	-	31-18	03-06	21-08	DEC
	MINIMUM	0.2	0.4	1.2	0.4	0.2	0.4	0.2	0.2	-	2.1	1.9	0.6	0.2
	DAY-HR	19-07	25-08	07-07	28-21	22-17	23-11	08-16	04-02	-	26-07	19-04	20-05	AUG
	# OBS	415	660	433	720	738	719	742	260	-	453	716	739	6595
2000	MEAN	14.2	11.6	10.8	12.5	10.8	9.2	9.1	7.5	9.7	7.1	12.8	13.7	10.9
	MAXIMUM	36.5	26.2	25.7	28.4	20.0	19.1	25.3	23.1	26.2	20.8	33.0	32.7	36.5
	DAY-HR	28-19	05-05	12-04	04-13	31-19	30-02	30-20	20-14	06-03	23-17	09-07	28-15	JAN
	MINIMUM	0.2	0.2	1.2	0.6	0.6	0.6	0.0	0.4	0.0	0.0	0.0	0.2	0.0
	DAY-HR	10-19	16-23	17-14	17-02	21-18	30-21	27-03	25-09	14-21	29-03	29-17	12-06	NOV
	# OBS	734	690	739	716	737	720	738	725	401	431	714	744	8089
2001	MEAN	13.1	11.9	13.3	11.5	9.7	10.1	8.8	8.8	9.6	14.2	12.0	12.2	11.3
	MAXIMUM	26.8	28.0	32.7	24.7	20.8	29.0	29.0	23.3	25.5	29.7	23.9	28.4	32.7
	DAY-HR	20-04	17-05	29-03	18-05	01-00	11-12	25-07	04-00	12-18	12-07	23-15	23-09	MAR
	MINIMUM	0.6	0.6	0.4	0.2	0.2	0.2	0.0	0.0	0.0	1.7	0.2	1.6	0.0
	DAY-HR	06-22	06-05	31-08	27-05	26-00	28-09	19-12	25-15	24-03	19-11	20-06	01-01	SEP
	# OBS	742	669	741	715	741	710	741	743	712	744	719	743	8720
POR	MEAN	13.5	12.3	12.2	11.9	9.0	9.0	8.5	7.8	10.5	12.3	12.6	13.1	11.0
	MAXIMUM	36.5	36.4	34.2	31.9	29.0	30.7	31.7	26.6	54.2	38.5	33.0	32.7	54.2
	YEAR	2000	1998	1996	1997	1999	1998	1997	1998	1998	1996	2000	2000	SEP/1998
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
	YEAR	1998	1998	1997	1998	1998	1998	2001	2001	2001	2000	2000	2000	SEP/2001
	# OBS	4068	4022	4109	4286	4398	4271	4519	4036	3248	3829	3773	4343	48902

STATION: 42040 -- POR (12/1995 - 12/2001)

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

ELEMENT: PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1995	MEAN	-	-	-	-	-	-	-	-	-	-	-	16.5	16.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	37.7	37.7
	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	10-05	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	648	648
1996	MEAN	17.1	14.2	16.6	13.6	9.5	9.1	10.5	10.0	11.0	17.1	18.0	15.6	13.5
	MAXIMUM	37.9	33.8	43.0	33.8	23.1	29.5	32.1	29.9	38.1	47.6	35.8	36.9	47.6
	DAY-HR	24-12	12-05	19-05	30-07	29-16	08-02	08-17	21-20	21-17	07-15	08-17	17-01	OCT
	# OBS	735	683	740	736	736	716	830	790	717	730	687	739	8839
1997	MEAN	17.6	17.1	12.9	16.9	9.9	10.7	10.6	9.0	9.9	15.9	15.7	16.8	13.6
	MAXIMUM	38.9	43.5	33.4	38.1	28.6	41.4	41.2	27.8	31.5	35.4	30.5	37.7	43.5
	DAY-HR	28-14	13-11	31-12	26-15	03-14	23-15	18-15	21-04	25-15	24-15	13-00	30-04	FEB
	# OBS	736	654	739	711	734	717	730	737	711	734	697	729	8629
1998	MEAN	16.4	18.0	15.4	14.9	10.5	11.9	9.7	9.7	19.9	13.5	14.5	-	13.9
	MAXIMUM	37.7	45.5	42.0	32.1	23.3	38.7	33.8	35.0	67.7	33.4	28.0	-	67.7
	DAY-HR	07-13	15-22	17-16	29-23	11-03	06-08	10-12	19-17	27-18	22-13	06-03	-	SEP
	# OBS	706	665	717	688	711	688	738	781	707	737	239	-	7377
1999	MEAN	15.0	13.4	15.5	12.6	11.0	11.0	10.3	10.0	-	16.1	14.8	17.9	13.4
	MAXIMUM	36.4	35.8	36.5	29.7	35.0	23.1	26.8	28.2	-	29.7	34.6	41.2	41.2
	DAY-HR	23-03	12-15	03-14	16-12	05-03	20-04	15-19	09-22	-	21-06	03-06	21-06	DEC
	# OBS	415	658	433	720	736	718	738	249	-	453	716	739	6575
2000	MEAN	17.7	14.3	13.1	15.2	12.7	11.2	11.1	9.3	12.0	9.3	16.4	17.6	13.5
	MAXIMUM	46.3	31.7	35.2	34.8	24.5	26.4	37.1	28.8	32.3	25.3	55.2	41.6	55.2
	DAY-HR	28-19	05-05	19-09	04-14	31-19	26-15	30-20	20-14	06-03	23-14	09-07	17-13	NOV
	# OBS	734	690	739	716	737	720	736	724	398	431	715	744	8084

2001	MEAN	16.6	14.6	16.5	14.0	11.8	12.3	10.8	10.9	12.1	17.7	14.8	15.3	14.0
	MAXIMUM	34.4	33.0	39.3	33.4	25.1	38.7	35.2	28.0	32.3	40.0	29.7	34.8	40.0
	DAY-HR	20-04	17-05	15-07	18-04	01-00	11-16	25-07	04-00	13-05	14-01	29-16	23-09	OCT
	# OBS	742	669	741	717	741	710	741	743	711	744	719	743	8721
POR	MEAN	16.9	15.3	15.0	14.5	10.9	11.0	10.5	9.8	13.1	15.3	15.8	16.6	13.7
	MAXIMUM	46.3	45.5	43.0	38.1	35.0	41.4	41.2	35.0	67.7	47.6	55.2	41.6	67.7
	YEAR	2000	1998	1996	1997	1999	1997	1997	1998	1998	1996	2000	2000	SEP/1998
	# OBS	4068	4019	4109	4288	4395	4269	4513	4024	3244	3829	3773	4342	48873

STATION: 42040 -- POR (3/1996 - 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
1996	MEAN	-	-	18.2	15.0	10.4	10.5	12.0	11.8	12.4	18.4	19.4	17.0	14.7
	MAXIMUM	-	-	43.9	44.7	23.1	32.3	37.9	43.0	37.9	48.4	36.9	37.7	48.4
	DAY-HR	-	-	19-04	15-11	29-15	27-16	08-21	12-08	21-16	07-19	08-23	17-00	OCT
	MINIMUM	-	-	1.4	2.5	1.9	1.7	2.1	1.4	2.3	2.5	3.3	3.9	1.4
	DAY-HR	-	-	23-09	03-01	14-02	23-17	16-00	05-12	09-23	29-11	06-01	12-14	AUG
	# OBS	-	-	1291	736	783	716	807	789	714	730	687	738	7991
1997	MEAN	19.1	18.5	14.4	18.4	11.2	12.2	12.2	10.3	11.1	17.4	17.1	18.4	15.0
	MAXIMUM	38.7	47.6	46.7	50.5	38.7	41.2	41.6	34.8	38.9	38.7	34.4	41.6	50.5
	DAY-HR	28-13	13-11	13-21	11-20	25-10	23-14	18-14	31-19	25-14	24-13	12-11	29-06	APR
	MINIMUM	2.5	6.8	0.6	1.9	0.8	2.1	2.1	0.8	1.2	3.1	1.7	3.5	0.6
	DAY-HR	02-19	28-00	12-04	17-01	06-11	29-17	24-15	29-01	15-02	30-00	26-17	18-19	MAR
	# OBS	737	654	739	711	734	717	730	737	711	734	698	730	8632
1998	MEAN	17.9	19.6	17.0	16.2	11.6	13.2	11.0	11.2	21.5	14.5	15.9	-	15.3
	MAXIMUM	51.5	53.8	45.3	32.1	25.1	42.2	36.2	35.8	75.0	35.4	30.3	-	75.0
	DAY-HR	07-13	15-22	17-16	29-22	10-03	25-12	10-12	21-03	27-18	23-03	05-22	-	SEP
	MINIMUM	2.1	1.7	3.7	2.3	1.2	2.7	1.6	1.2	1.4	1.0	0.0	-	0.0
	DAY-HR	18-11	14-02	24-15	24-22	20-12	23-10	20-14	26-23	04-01	02-21	10-22	-	NOV
	# OBS	706	665	716	688	711	688	738	778	708	737	238	-	7373
1999	MEAN	16.3	14.8	17.0	13.8	12.3	12.3	12.0	11.2	-	17.5	16.2	19.5	14.8
	MAXIMUM	43.7	36.4	55.8	44.7	37.5	29.7	32.7	28.2	-	33.2	36.7	43.4	55.8
	DAY-HR	23-07	12-14	03-07	29-23	11-13	25-11	30-15	09-21	-	31-19	03-06	21-04	MAR
	MINIMUM	2.5	2.1	1.9	2.7	0.2	2.3	0.0	1.7	-	6.0	3.7	3.5	0.0
	DAY-HR	19-07	08-23	07-06	01-08	19-02	13-12	13-09	04-01	-	31-23	21-17	29-17	JUL
	# OBS	441	659	433	720	728	717	734	242	-	452	716	739	6581
2000	MEAN	19.3	15.6	14.3	16.6	13.7	12.7	12.4	10.8	13.9	10.4	17.9	19.1	14.9
	MAXIMUM	49.6	32.7	36.9	36.9	24.5	29.7	37.9	29.5	37.3	26.4	55.0	43.0	55.0
	DAY-HR	28-18	05-04	19-09	04-13	31-18	30-02	30-20	22-06	07-18	23-16	09-06	17-11	NOV
	MINIMUM	2.5	2.3	3.3	2.1	2.9	3.1	1.4	1.7	2.1	0.0	2.1	1.9	0.0
	DAY-HR	10-18	16-17	06-04	17-02	21-17	03-19	27-08	25-08	16-00	25-18	29-17	12-05	OCT
	# OBS	734	689	740	716	737	719	733	724	406	432	714	744	8088
2001	MEAN	18.0	15.8	18.0	15.1	12.7	13.5	12.2	12.5	13.6	19.1	16.0	16.6	15.3
	MAXIMUM	34.4	38.3	42.4	33.4	23.7	43.9	41.4	36.0	34.6	42.8	37.5	35.8	43.9
	DAY-HR	20-03	17-03	15-06	18-03	28-11	11-15	11-15	20-14	12-10	14-00	29-19	23-08	JUN
	MINIMUM	2.5	2.9	1.7	2.5	1.7	1.7	1.4	2.3	1.7	5.1	1.6	4.7	1.4
	DAY-HR	06-20	06-04	01-07	24-13	13-01	29-00	01-13	25-13	24-02	04-10	20-05	01-04	JUL
	# OBS	742	669	741	717	741	710	741	743	711	744	719	742	8720
POR	MEAN	18.3	16.9	16.7	15.8	12.0	12.4	12.0	11.3	14.5	16.6	17.2	18.1	15.0
	MAXIMUM	51.5	53.8	55.8	50.5	38.7	43.9	41.6	43.0	75.0	48.4	55.0	43.4	75.0
	YEAR	1998	1998	1999	1997	1997	2001	1997	1996	1998	1996	2000	1999	SEP/1998
	MINIMUM	2.1	1.7	0.6	1.9	0.2	1.7	0.0	0.8	1.2	0.0	0.0	1.9	0.0
	YEAR	1998	1998	1997	1997	1999	2001	1999	1997	1997	2000	1998	2000	OCT/2000
	# OBS	3360	3336	4660	4288	4434	4267	4483	4013	3250	3829	3772	3693	47385

STATION: 42040 -- POR (12/1995 - 12/2001)

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1995	MEAN	-	-	-	-	-	-	-	-	-	-	-	1.2	1.2
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	-	4.0	4.0

	DAY-HR	-	-	-	-	-	-	-	-	-	-	-	10-05	DEC
	# OBS	-	-	-	-	-	-	-	-	-	-	-	648	648
1996	MEAN	1.3	1.0	1.4	1.0	0.7	0.6	0.7	0.7	0.6	1.5	1.4	1.1	1.0
	MAXIMUM	3.4	3.0	4.5	2.7	1.8	2.3	1.7	3.2	2.0	6.2	4.0	2.9	6.2
	DAY-HR	19-12	04-13	19-07	30-08	16-02	02-04	08-12	21-23	16-19	07-01	16-12	17-05	OCT
	# OBS	735	681	740	736	733	716	826	790	715	730	687	738	8827
1997	MEAN	1.3	1.3	1.0	1.4	0.7	0.7	0.6	0.5	0.6	1.3	1.1	1.2	1.0
	MAXIMUM	2.8	3.7	3.2	3.5	2.4	2.7	3.3	1.5	2.1	3.8	2.4	3.4	3.8
	DAY-HR	14-13	13-11	31-14	26-16	10-19	10-22	19-02	02-01	06-07	24-15	12-12	29-12	OCT
	# OBS	736	654	738	710	734	717	730	736	711	734	697	729	8626
1998	MEAN	1.3	1.7	1.3	1.2	0.7	0.8	0.5	0.6	2.0	1.1	0.9	1.1	1.1
	MAXIMUM	3.0	6.7	3.8	2.6	2.1	2.2	1.7	3.0	10.9	3.8	2.6	3.0	10.9
	DAY-HR	07-19	16-00	17-18	14-09	10-07	25-22	03-02	21-19	27-19	23-13	10-15	12-18	SEP
	# OBS	706	663	716	688	711	688	738	779	690	736	718	736	8569
1999	MEAN	1.3	0.9	1.2	0.9	0.8	0.7	0.6	0.4	-	1.1	1.0	1.3	0.9
	MAXIMUM	4.1	3.0	3.7	2.3	3.7	2.0	1.8	1.3	-	2.4	3.2	4.5	4.5
	DAY-HR	23-06	12-17	09-01	16-02	05-09	20-01	04-06	10-22	-	31-21	30-09	21-09	DEC
	# OBS	738	660	417	718	717	712	726	233	-	452	715	739	6827
2000	MEAN	1.3	1.0	0.9	1.0	0.8	0.7	0.5	0.5	0.9	0.7	1.3	1.4	0.9
	MAXIMUM	4.6	2.4	3.0	3.1	2.0	1.7	1.1	1.3	2.7	2.3	3.9	3.9	4.6
	DAY-HR	28-20	24-03	16-01	04-14	31-22	01-01	23-06	29-18	18-08	24-17	19-02	17-12	JAN
	# OBS	734	690	738	716	737	720	735	713	381	428	711	739	8042
2001	MEAN	1.1	1.1	1.3	1.1	0.8	0.9	0.6	0.7	0.8	1.4	1.1	1.1	1.0
	MAXIMUM	3.1	2.7	3.8	2.7	2.6	3.6	2.3	3.9	3.1	3.0	3.0	3.2	3.9
	DAY-HR	30-00	18-06	29-01	18-12	01-01	11-18	25-16	03-16	14-15	14-00	29-21	23-09	AUG
	# OBS	737	667	741	717	740	709	741	742	708	742	714	737	8695
POR	MEAN	1.3	1.2	1.2	1.1	0.7	0.7	0.6	0.6	1.0	1.2	1.1	1.2	1.0
	MAXIMUM	4.6	6.7	4.5	3.5	3.7	3.6	3.3	3.9	10.9	6.2	4.0	4.5	10.9
	YEAR	2000	1998	1996	1997	1999	2001	1997	2001	1998	1996	1999	1999	SEP/1998
	# OBS	4386	4015	4090	4285	4372	4262	4496	3993	3205	3822	4242	5066	50234

STATION: 42040

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

Month: JAN

WIND SPEED	WIND DIRECTION													TOT %	TOT N
	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.0	-	-	-	0.1	-	-	*	*	*	-	*	*	0.2	10
1 - 3		0.3	0.3	0.5	0.1	0.3	0.3	0.3	0.1	0.4	0.3	0.5	0.5	3.7	151
4 - 6		0.5	0.4	0.8	0.8	0.8	0.6	0.8	0.7	0.4	1.1	0.7	0.6	8.2	335
7 - 10		2.0	1.1	1.5	1.9	1.8	2.4	2.6	1.7	1.1	1.3	1.1	1.6	20.2	820
11 - 15		3.6	2.5	1.7	2.3	3.9	4.8	2.8	1.7	1.4	1.8	1.2	1.9	29.6	1205
16 - 20		2.4	3.4	2.2	1.6	4.6	2.7	1.7	1.4	0.6	1.8	1.4	3.0	26.7	1086
21 - 24		1.1	0.7	0.3	0.1	0.4	0.8	0.4	0.2	0.2	1.1	1.2	1.9	8.4	340
25 - 33		0.3	0.2	-	*	0.2	0.3	*	0.1	-	0.3	0.3	1.2	2.9	119
34 - 47		-	-	-	-	*	*	-	-	-	-	-	-	0.0	2
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	10.3	8.7	7.0	6.9	12.0	11.9	8.6	6.1	3.8	7.8	6.1	10.7	100.0	
TOTAL N	2	418	355	286	282	487	485	350	248	155	317	247	436		4068

(\* < 0.05%)

STATION: 42040

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

Month: FEB

WIND SPEED	WIND DIRECTION													TOT %	TOT N
	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	*	-	*	-	*	-	*	*	-	-	-	*	0.3	11
1 - 3		0.5	0.5	0.4	0.4	0.4	0.6	0.3	0.5	0.4	0.3	0.5	0.3	5.2	209
4 - 6		0.7	0.9	0.9	1.0	0.8	1.3	1.2	1.1	0.8	0.8	0.8	0.6	11.0	441
7 - 10		1.6	2.1	1.9	2.0	2.3	4.4	2.8	2.7	1.8	0.9	1.2	1.2	25.1	1011
11 - 15		3.1	3.6	1.9	2.8	5.4	3.8	1.9	1.8	1.3	1.4	0.9	2.1	30.0	1208
16 - 20		3.3	2.2	1.5	1.4	2.5	1.8	0.5	1.1	1.0	1.0	1.2	2.3	19.7	792
21 - 24		1.7	0.4	0.2	0.4	0.3	0.1	0.1	*	0.1	0.5	0.3	1.7	5.9	238
25 - 33		0.6	0.1	0.2	0.4	0.3	-	*	*	-	0.1	*	0.9	2.7	108
34 - 47		-	-	-	-	*	*	-	-	-	-	-	*	0.1	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	11.5	9.9	7.1	8.4	12.1	12.1	7.0	7.2	5.4	5.0	4.9	9.2	100.0	
TOTAL N	4	461	398	285	339	488	486	282	291	219	200	197	371		4021

(\* < 0.05%)

STATION: 42040

## 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	*	*	*	-	0.1	-	*	*	-	*	-	-	0.3	14
1 - 3		0.4	0.4	0.3	0.6	0.6	0.8	0.5	0.3	0.4	0.4	0.3	0.3	5.4	223
4 - 6		0.4	0.7	0.9	1.1	1.6	2.1	2.1	1.0	0.9	0.7	0.9	0.6	12.9	530
7 - 10		1.3	1.4	2.4	2.3	3.4	3.7	3.8	2.2	1.1	0.8	1.2	0.9	24.5	1005
11 - 15		2.5	2.9	1.8	2.8	4.7	4.2	2.5	1.1	0.9	1.2	2.1	1.6	28.4	1166
16 - 20		2.0	3.2	1.3	0.6	3.0	2.2	0.8	0.4	0.6	1.2	1.8	2.1	19.3	794
21 - 24		0.8	0.6	0.4	0.4	0.7	0.4	0.1	*	0.2	0.5	1.5	0.8	6.5	266
25 - 33		0.1	0.1	0.1	0.3	0.3	0.1	*	*	*	0.2	0.8	0.4	2.6	108
34 - 47		-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	7.6	9.4	7.1	8.1	14.5	13.5	10.0	5.1	4.2	5.1	8.7	6.7	100.0	
TOTAL N	4	313	387	291	332	594	553	409	211	171	209	358	277		4109

(\* &lt; 0.05%)

STATION: 42040

## 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	0.0	*	*	-	*	-	*	-	-	-	-	-	*	0.2	8
1 - 3		0.5	0.3	0.3	0.4	0.4	0.5	0.5	0.4	0.5	0.3	0.3	0.3	4.8	204
4 - 6		0.6	0.6	0.7	1.0	1.6	1.5	1.2	0.8	0.9	0.5	0.5	0.6	10.6	456
7 - 10		1.0	1.0	1.9	1.6	3.9	5.7	3.5	2.4	1.5	1.1	1.4	0.8	25.7	1103
11 - 15		1.5	2.4	1.6	2.4	5.2	8.5	3.7	2.2	1.4	1.6	1.7	1.0	33.0	1416
16 - 20		2.4	2.9	1.4	1.6	2.3	3.8	0.7	0.6	0.9	0.9	0.9	1.8	20.2	864
21 - 24		1.1	0.4	0.1	0.3	0.3	0.5	0.1	*	0.1	0.3	0.2	0.7	4.3	183
25 - 33		0.2	0.1	*	0.1	0.2	0.1	-	-	-	*	*	0.4	1.2	52
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	7.4	7.6	6.1	7.5	13.9	20.7	9.7	6.6	5.2	4.6	5.2	5.5	100.0	
TOTAL N	2	317	327	261	320	596	886	414	282	224	199	221	237		4286

(\* &lt; 0.05%)

STATION: 42040

## 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	*	0.1	*	*	*	-	*	0.7	30
1 - 3		0.5	0.3	0.6	0.6	1.0	1.1	1.0	1.0	0.9	0.5	0.6	0.5	8.7	384
4 - 6		0.6	0.6	0.8	1.7	3.7	3.1	2.3	2.1	1.5	1.5	1.0	0.8	19.6	861
7 - 10		0.9	0.9	1.5	3.8	6.1	5.8	4.7	4.5	2.7	1.7	1.7	1.6	35.8	1576
11 - 15		0.5	0.9	1.1	4.4	4.0	3.8	4.2	4.4	3.2	0.9	0.7	0.5	28.5	1254
16 - 20		0.3	0.8	0.3	0.9	0.5	0.8	0.9	0.6	0.4	0.3	*	*	5.7	252
21 - 24		0.1	0.2	0.1	0.1	-	0.1	0.1	*	-	-	*	*	0.7	31
25 - 33		-	-	-	-	0.1	0.1	-	-	-	-	*	-	0.2	9
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	2.9	3.7	4.4	11.5	15.5	14.7	13.2	12.6	8.8	4.9	4.2	3.5	100.0	
TOTAL N	11	126	163	192	505	683	645	581	553	386	214	183	155		4397

(\* &lt; 0.05%)

STATION: 42040

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

Month: JUN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.0	-	*	*	-	0.1	-	-	0.1	0.1	-	*	*	0.5	23
1 - 3		0.5	0.4	0.8	1.2	1.0	1.0	1.3	0.8	0.9	0.9	0.6	0.6	10.3	440
4 - 6		0.8	1.0	1.4	1.8	1.6	2.3	3.0	3.5	2.3	1.2	1.1	1.6	21.7	925
7 - 10		0.8	0.9	1.4	3.3	3.4	3.7	5.4	6.6	3.5	1.5	1.0	0.7	32.1	1372
11 - 15		0.2	0.5	1.2	3.1	3.6	3.0	3.9	4.4	4.3	2.2	0.4	0.3	27.2	1162
16 - 20		-	0.3	0.7	1.0	1.0	0.4	0.9	1.4	1.1	0.5	0.1	*	7.3	312
21 - 24		-	-	-	0.2	-	*	0.1	-	0.1	-	*	*	0.5	22
25 - 33		*	*	-	-	*	-	0.1	0.1	*	-	-	-	0.3	14
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	2.4	3.2	5.5	10.6	10.7	10.4	14.8	16.8	12.4	6.4	3.3	3.4	100.0	



TOTAL N 2 104 137 236 451 458 444 632 719 528 274 140 145 4270  
 (\* < 0.05%)

STATION: 42040

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	0.2	*	*	0.1	*	*	0.1	0.1	*	*	0.1	*	0.1	1.0	43
1 - 3		0.8	0.6	0.4	0.6	0.8	0.9	1.5	1.7	1.8	1.3	1.0	1.0	12.3	555
4 - 6		0.7	0.7	0.6	1.4	1.6	1.9	3.5	4.0	3.0	2.3	1.4	1.0	22.2	1001
7 - 10		0.9	0.8	0.6	1.9	2.9	3.0	3.3	4.4	6.5	4.5	3.3	1.9	34.0	1534
11 - 15		0.6	0.2	0.7	1.0	1.5	1.6	1.8	2.2	4.5	6.2	3.0	1.1	24.4	1103
16 - 20		0.1	0.2	0.1	0.2	0.3	0.2	0.4	0.5	0.8	1.7	0.4	0.2	4.8	217
21 - 24		*	-	-	-	-	0.1	0.1	*	0.2	0.2	*	*	0.7	32
25 - 33		-	-	-	-	*	-	0.2	0.1	0.2	0.1	*	-	0.6	29
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	3.1	2.5	2.5	5.1	7.1	7.7	11.0	12.9	17.0	16.4	9.2	5.3	100.0	
TOTAL N	8	140	114	113	229	320	349	496	581	767	739	417	241		4514

(\* < 0.05%)

STATION: 42040

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

Month: AUG

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.3	-	-	0.1	*	0.1	*	0.1	*	0.1	*	0.1	*	1.0	40
1 - 3		1.4	1.1	1.3	1.4	1.1	1.3	1.7	1.7	1.9	1.3	1.0	1.2	16.5	664
4 - 6		1.2	1.2	1.0	1.7	2.3	3.0	2.7	3.6	3.8	3.2	1.6	1.1	26.6	1069
7 - 10		1.4	1.4	1.5	3.3	2.1	2.4	3.4	3.8	4.7	3.8	2.2	1.7	31.7	1274
11 - 15		0.8	1.0	1.4	2.7	1.2	0.7	0.9	1.3	2.9	2.4	1.5	0.8	17.6	709
16 - 20		0.1	0.3	1.3	1.9	0.2	0.1	*	0.2	0.4	0.4	0.5	0.1	5.7	228
21 - 24		-	*	0.5	0.2	*	-	-	*	*	-	-	-	0.8	33
25 - 33		-	-	-	*	*	-	-	-	-	-	-	-	0.0	2
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	5.0	5.1	7.1	11.2	7.1	7.6	8.8	10.7	13.9	11.3	6.9	5.0	100.0	
TOTAL N	13	200	203	286	451	285	304	355	432	557	453	279	201		4019

(\* < 0.05%)

STATION: 42040

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	0.3	0.1	*	0.1	0.1	-	0.2	0.1	*	0.1	*	-	0.1	1.1	35
1 - 3		0.9	1.0	0.9	0.8	0.8	1.0	1.0	0.7	1.0	0.8	0.9	0.9	10.9	353
4 - 6		1.5	2.0	1.7	1.7	2.1	1.5	1.0	1.0	1.4	1.0	1.0	1.2	17.1	555
7 - 10		1.9	3.0	2.2	3.6	3.3	2.3	1.9	2.6	3.0	1.7	1.5	1.5	28.4	922
11 - 15		1.4	3.8	2.1	3.8	3.4	2.3	2.2	1.5	0.9	0.5	0.4	0.8	23.1	751
16 - 20		0.7	2.0	2.7	1.8	2.6	0.6	0.5	1.0	0.4	0.2	0.1	0.6	13.2	428
21 - 24		-	0.4	1.0	0.7	0.6	*	*	0.2	0.2	0.4	0.2	0.2	3.9	128
25 - 33		0.1	0.1	0.3	0.2	0.1	-	-	0.1	0.1	0.1	-	*	1.1	35
34 - 47		*	0.1	0.4	-	-	*	-	0.2	0.2	-	-	-	0.9	30
> 48		-	-	0.1	0.1	*	*	0.1	0.1	-	-	-	-	0.4	13
TOTAL %	0.3	6.6	12.4	11.4	12.9	13.0	7.9	6.8	7.4	7.3	4.6	4.1	5.3	100.0	
TOTAL N	9	215	402	372	419	424	256	220	241	236	150	134	172		3250

(\* < 0.05%)

STATION: 42040

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	1.0	0.1	0.1	-	-	0.1	-	*	-	*	-	*	0.1	1.3	48
1 - 3		0.8	0.6	0.8	0.5	0.3	0.4	0.4	0.4	0.5	0.3	0.3	0.6	5.9	225
4 - 6		1.6	2.2	2.2	1.3	1.0	0.7	0.8	0.5	0.4	0.3	0.2	0.7	12.0	458
7 - 10		3.1	2.5	3.8	4.0	2.4	1.9	1.2	0.9	0.6	0.4	0.5	1.3	22.5	863
11 - 15		3.0	4.9	4.9	6.2	4.0	2.6	1.0	0.4	0.3	0.2	0.6	1.7	29.7	1139
16 - 20		2.9	3.0	2.0	5.2	4.3	1.1	0.3	0.1	0.1	0.3	0.2	0.7	20.2	774
21 - 24		0.9	1.3	0.6	0.8	0.8	0.4	0.3	*	-	*	0.1	0.1	5.3	204
25 - 33		0.2	0.2	1.7	0.3	0.1	0.1	0.1	*	-	*	-	-	2.7	104

34 - 47	0.1	0.3	*	-	-	-	-	-	-	-	-	-	-	0.4	14
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.0	12.5	15.1	15.9	18.3	13.0	7.2	4.2	2.4	2.0	1.5	2.0	5.0	100.0	
TOTAL N	37	480	578	608	701	498	275	159	90	77	59	75	192		3829

(\* < 0.05%)

STATION: 42040

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	0.5	*	-	-	0.1	-	-	-	0.1	-	*	-	*	0.7	25
1 - 3		0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.1	0.2	0.2	0.3	0.3	3.9	148
4 - 6		0.9	1.0	1.2	1.3	1.6	1.1	0.4	0.3	0.1	0.3	0.7	0.7	9.7	367
7 - 10		2.8	3.9	2.3	3.2	2.5	1.4	1.3	1.6	0.7	0.8	0.8	1.5	22.8	862
11 - 15		4.7	4.2	4.6	3.7	3.4	3.0	2.2	1.5	0.9	1.2	1.7	1.8	33.0	1244
16 - 20		3.6	3.2	2.6	2.5	2.1	2.3	0.9	0.5	0.3	1.4	1.2	1.8	22.4	844
21 - 24		1.3	0.3	0.1	0.7	0.2	0.8	0.5	0.1	0.1	0.3	0.6	0.7	5.6	211
25 - 33		0.3	0.2	0.2	0.7	0.1	0.2	0.1	*	-	-	*	0.2	1.9	72
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	13.9	13.3	11.3	12.5	10.2	9.2	5.8	4.2	2.3	4.3	5.5	7.1	100.0	
TOTAL N	17	525	502	426	473	383	348	219	158	86	161	206	269		3773

(\* < 0.05%)

STATION: 42040

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

Month: DEC

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.0	-	-	-	*	-	-	-	-	-	*	*	-	0.1	4
1 - 3		0.3	0.2	0.3	0.4	0.2	0.3	0.2	0.3	0.3	0.1	0.1	0.2	3.0	129
4 - 6		0.9	0.6	0.6	1.2	0.9	1.1	0.5	0.8	0.6	0.4	0.4	0.9	8.8	384
7 - 10		2.8	2.6	2.6	2.9	2.0	2.3	1.5	1.7	1.2	0.9	1.0	1.9	23.4	1015
11 - 15		4.3	3.3	2.7	3.3	3.4	2.8	1.9	1.5	0.7	1.3	2.0	3.8	31.1	1352
16 - 20		4.1	3.2	1.4	1.3	2.3	3.2	0.9	0.6	0.2	1.1	2.2	3.4	24.0	1041
21 - 24		1.6	0.6	*	0.2	0.3	0.7	0.3	0.2	0.1	0.8	0.5	1.2	6.5	284
25 - 33		0.6	0.1	-	*	0.2	0.2	*	*	-	0.6	0.9	0.4	3.1	134
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	14.6	10.7	7.8	9.3	9.3	10.6	5.4	5.1	3.1	5.3	7.1	11.8	100.0	
TOTAL N	0	634	463	337	405	402	460	236	221	133	232	308	512		4343

(\* < 0.05%)

STATION: 42040

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

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	*	*	*	*	*	*	*	*	*	*	*	*	0.6	291
1 - 3		0.6	0.5	0.6	0.6	0.6	0.7	0.8	0.7	0.8	0.6	0.5	0.6	7.5	3685
4 - 6		0.9	1.0	1.0	1.3	1.6	1.7	1.7	1.7	1.4	1.1	0.9	0.9	15.1	7382
7 - 10		1.7	1.8	1.9	2.8	3.0	3.3	3.0	3.0	2.4	1.6	1.4	1.4	27.3	13357
11 - 15		2.1	2.4	2.1	3.1	3.6	3.5	2.4	2.0	2.0	1.8	1.4	1.5	28.0	13709
16 - 20		1.8	2.0	1.4	1.6	2.1	1.6	0.7	0.7	0.6	0.9	0.8	1.3	15.6	7632
21 - 24		0.7	0.4	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.3	0.4	0.6	4.0	1972
25 - 33		0.2	0.1	0.2	0.2	0.1	0.1	0.1	*	*	0.1	0.2	0.3	1.6	786
34 - 47		*	*	*	-	*	*	-	*	*	-	*	*	0.1	52
> 48		-	-	*	*	*	*	*	*	-	-	-	-	0.0	13
TOTAL %	0.2	8.0	8.2	7.6	10.0	11.5	11.2	8.9	8.2	7.2	6.6	5.7	6.6	100.0	
TOTAL N	109	3933	4029	3693	4907	5618	5491	4353	4027	3539	3207	2765	3208		48879

(\* < 0.05%)

STATION: 42040

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.0	*	-	*	*	*	-	*	*	*	*	*	*	0.2	25
1 - 3		0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	3.9	489
4 - 6		0.7	0.7	0.8	1.0	0.8	1.0	0.8	0.9	0.6	0.8	0.6	0.7	9.3	1160
7 - 10		2.1	2.0	2.1	2.3	2.1	3.0	2.3	2.0	1.4	1.0	1.1	1.6	22.9	2846



4 - 6	2.3	4.9	0.4	-	-	-	-	-	-	-	-	-	-	-	-	7.6	335
7 - 10	3.4	13.7	1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	18.6	816
11 - 15	0.5	22.1	4.4	0.4	-	-	-	-	-	-	-	-	-	-	-	27.5	1204
16 - 20	-	9.2	14.4	1.1	*	-	-	-	-	-	-	-	-	-	-	24.8	1086
21 - 24	-	0.7	5.1	1.8	0.1	-	-	-	-	-	-	-	-	-	-	7.8	340
25 - 33	-	0.1	0.8	1.6	0.2	*	-	-	-	-	-	-	-	-	-	2.7	118
34 - 47	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	2
> 48	0.2	4.3	2.3	0.6	-	-	-	-	-	-	-	-	-	-	-	7.4	324
TOTAL %	7.7	57.0	29.3	5.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	337	2499	1287	242	19	2	0	0	0	0	0	0	0	0	0		4386

(\* < 0.05%)

STATION: 42040

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

Month: FEB

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	11
1 - 3	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	11
4 - 6	2.4	2.5	0.2	*	-	-	-	-	-	-	-	-	-	-	-	5.2	208
7 - 10	4.5	5.9	0.6	*	-	-	-	-	-	-	-	-	-	-	-	11.0	441
11 - 15	6.2	17.5	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	25.2	1010
16 - 20	1.1	23.7	4.7	0.4	0.1	-	-	-	-	-	-	-	-	-	-	30.0	1205
21 - 24	*	8.7	9.9	0.8	0.1	*	-	-	-	-	-	-	-	-	-	19.7	791
25 - 33	-	0.4	3.7	1.6	*	0.2	-	-	-	-	-	-	-	-	-	5.9	238
34 - 47	-	0.1	0.7	0.9	0.7	0.2	*	*	-	-	-	-	-	-	-	2.7	108
> 48	-	-	-	-	*	-	*	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	14.4	59.0	21.1	4.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	578	2369	846	159	41	19	2	1	0	0	0	0	0	0	0		4015

(\* < 0.05%)

STATION: 42040

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

Month: MAR

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	14
1 - 3	*	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	14
4 - 6	1.8	3.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-	5.3	217
7 - 10	4.4	7.6	0.8	0.2	-	-	-	-	-	-	-	-	-	-	-	12.9	528
11 - 15	4.7	17.2	2.2	0.3	-	-	-	-	-	-	-	-	-	-	-	24.5	1001
16 - 20	1.0	21.6	5.1	0.7	-	-	-	-	-	-	-	-	-	-	-	28.4	1161
21 - 24	*	7.4	10.7	1.2	*	-	-	-	-	-	-	-	-	-	-	19.4	792
25 - 33	-	0.6	4.2	1.6	0.1	-	-	-	-	-	-	-	-	-	-	6.5	266
34 - 47	-	*	0.8	1.4	0.4	-	-	-	-	-	-	-	-	-	-	2.6	108
> 48	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	11.9	58.0	24.1	5.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	488	2372	987	218	24	1	0	0	0	0	0	0	0	0	0		4090

(\* < 0.05%)

STATION: 42040

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

Month: APR

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	-	0.2	8
1 - 3	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	8
4 - 6	1.9	2.7	0.2	-	-	-	-	-	-	-	-	-	-	-	-	4.8	204
7 - 10	2.4	7.6	0.7	-	-	-	-	-	-	-	-	-	-	-	-	10.6	456
11 - 15	4.7	19.2	1.8	0.1	-	-	-	-	-	-	-	-	-	-	-	25.7	1103
16 - 20	0.9	26.6	5.3	0.2	-	-	-	-	-	-	-	-	-	-	-	33.0	1414
21 - 24	*	8.9	10.9	0.3	-	-	-	-	-	-	-	-	-	-	-	20.2	864
25 - 33	-	0.7	2.5	1.1	-	-	-	-	-	-	-	-	-	-	-	4.2	182
34 - 47	-	0.1	0.6	0.5	*	-	-	-	-	-	-	-	-	-	-	1.2	52
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	9.9	65.9	22.0	2.2	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	426	2822	941	95	1	0	0	0	0	0	0	0	0	0	0		4285

(\* < 0.05%)





1 - 3	1.0	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	129
4 - 6	1.8	5.4	0.2	*	-	-	-	-	-	-	-	-	-	-	-	7.4	376
7 - 10	2.9	16.3	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	20.0	1013
11 - 15	0.4	22.0	4.1	0.2	-	-	-	-	-	-	-	-	-	-	-	26.7	1351
16 - 20	*	8.7	11.1	0.7	-	-	-	-	-	-	-	-	-	-	-	20.5	1039
21 - 24	-	0.3	3.6	1.6	0.1	-	-	-	-	-	-	-	-	-	-	5.6	284
25 - 33	-	0.1	0.4	1.9	0.3	*	-	-	-	-	-	-	-	-	-	2.6	134
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	0.9	10.8	2.6	0.2	-	-	-	-	-	-	-	-	-	-	-	14.5	736
TOTAL %	7.2	65.1	22.7	4.7	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	364	3298	1151	236	16	1	0	0	0	0	0	0	0	0	0		5066

(\* < 0.05%)

STATION: 42040

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

All Months: Annual

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	-	0.6	290
1 - 3	0.3	0.2	*	*	-	-	-	-	-	-	-	-	-	-	-	7.3	3666
4 - 6	4.3	2.9	0.1	*	-	-	-	-	-	-	-	-	-	-	-	14.6	7356
7 - 10	7.0	7.3	0.3	*	-	-	-	-	-	-	-	-	-	-	-	26.5	13315
11 - 15	7.1	18.4	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	27.2	13647
16 - 20	1.2	22.1	3.6	0.2	*	-	-	-	-	-	-	-	-	-	-	15.1	7610
21 - 24	0.1	6.1	8.3	0.7	*	*	-	-	-	-	-	-	-	-	-	3.9	1962
25 - 33	*	0.3	2.3	1.1	0.1	*	-	-	-	-	-	-	-	-	-	1.6	781
34 - 47	*	0.1	0.3	0.8	0.2	0.1	0.1	*	-	-	-	-	-	-	-	0.1	49
> 48	-	-	-	*	*	*	*	*	*	*	*	*	*	*	-	3.1	1558
TOTAL %	0.4	1.9	0.6	0.1	-	-	*	*	-	*	*	*	*	-	-	100.0	
TOTAL N	10290	29823	8296	1496	186	78	47	6	2	5	4	1	0	0	0		50234

(\* < 0.05%)

STATION: 42040

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

Months: DEC, JAN, FEB (Winter)

WAVE HEIGHT

WIND SPEED	0.0-	0.5-	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	-	0.2	25
1 - 3	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	3.6	488
4 - 6	1.5	1.9	0.2	*	-	-	-	-	-	-	-	-	-	-	-	8.6	1152
7 - 10	2.8	5.4	0.4	*	-	-	-	-	-	-	-	-	-	-	-	21.1	2839
11 - 15	4.0	15.8	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	27.9	3760
16 - 20	0.7	22.5	4.4	0.3	*	-	-	-	-	-	-	-	-	-	-	21.7	2916
21 - 24	*	8.9	11.8	0.9	0.1	*	-	-	-	-	-	-	-	-	-	6.4	862
25 - 33	-	0.5	4.1	1.7	0.1	0.1	-	-	-	-	-	-	-	-	-	2.7	360
34 - 47	-	0.1	0.6	1.5	0.4	0.1	*	*	-	-	-	-	-	-	-	0.0	5
> 48	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	7.9	1060
TOTAL %	0.4	5.5	1.7	0.3	-	-	-	-	-	-	-	-	-	-	-	100.0	
TOTAL N	1279	8166	3284	637	76	22	2	1	0	0	0	0	0	0	0		13467

(\* < 0.05%)

STATION: 42040

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

Months: MAR, APR, MAY (Spring)

WAVE HEIGHT

WIND SPEED	0.0-	0.5-	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	-	0.4	52
1 - 3	0.2	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	6.3	805
4 - 6	3.0	3.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	14.5	1842
7 - 10	5.1	8.8	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	28.8	3673
11 - 15	6.3	20.9	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	29.9	3812
16 - 20	1.1	24.5	4.0	0.3	-	-	-	-	-	-	-	-	-	-	-	15.0	1908
21 - 24	*	6.6	7.8	0.6	*	-	-	-	-	-	-	-	-	-	-	3.8	479
25 - 33	-	0.5	2.3	0.9	*	-	-	-	-	-	-	-	-	-	-	1.3	169
34 - 47	-	*	0.5	0.7	0.1	-	-	-	-	-	-	-	-	-	-	0.0	3
> 48	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.4	64.7	16.7	2.7	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	1994	8250	2129	347	26	1	0	0	0	0	0	0	0	0	0		12747

(\* < 0.05%)

STATION: 42040

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	-	0.8	106
1 - 3	8.6	4.3	*	-	-	-	-	-	-	-	-	-	-	-	-	12.9	1648
4 - 6	13.7	9.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	23.4	2986
7 - 10	12.6	20.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	32.7	4172
11 - 15	2.6	19.4	1.1	*	-	-	-	-	-	-	-	-	-	-	-	23.1	2951
16 - 20	0.1	3.6	2.0	0.2	*	-	-	-	-	-	-	-	-	-	-	5.9	755
21 - 24	*	0.1	0.3	0.2	0.1	-	-	-	-	-	-	-	-	-	-	0.7	87
25 - 33	*	0.1	0.1	0.2	*	-	-	-	-	-	-	-	-	-	-	0.4	45
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	38.2	57.4	3.7	0.6	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	4865	7321	474	79	12	0	0	0	0	0	0	0	0	0	0		12751

(\* < 0.05%)

STATION: 42040

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	-	0.9	107
1 - 3	4.2	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	6.4	725
4 - 6	6.5	5.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	12.2	1376
7 - 10	5.6	16.9	0.8	*	-	-	-	-	-	-	-	-	-	-	-	23.3	2631
11 - 15	0.7	21.8	5.1	0.2	*	-	-	-	-	-	-	-	-	-	-	27.7	3124
16 - 20	*	5.1	11.7	1.2	*	-	-	-	-	-	-	-	-	-	-	18.0	2031
21 - 24	-	0.3	2.5	1.8	0.2	*	-	-	-	-	-	-	-	-	-	4.7	534
25 - 33	-	*	0.2	0.7	0.4	0.3	0.2	-	-	-	-	-	-	-	-	1.8	207
34 - 47	-	-	-	-	-	0.1	0.2	*	*	*	*	*	*	*	-	0.4	41
> 48	1.5	2.0	0.8	*	-	-	*	*	-	*	*	*	*	-	-	4.4	493
TOTAL %	19.1	54.0	21.4	3.8	0.6	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2152	6086	2409	433	72	55	45	5	2	5	4	1	0	0	0		11269

(\* < 0.05%)

STATION: 42040

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	1.8	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	165
3.5 - 4.4	2.2	12.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	14.6	639
4.5 - 5.4	1.3	21.0	2.3	-	-	-	-	-	-	-	-	-	-	-	-	24.6	1077
5.5 - 6.4	1.2	13.5	12.3	0.5	-	-	-	-	-	-	-	-	-	-	-	27.4	1202
6.5 - 7.4	0.8	5.0	8.1	2.2	-	-	-	-	-	-	-	-	-	-	-	16.1	704
7.5 - 8.4	0.3	3.0	5.1	2.0	0.3	*	-	-	-	-	-	-	-	-	-	10.8	472
8.5 - 9.4	0.1	0.3	1.4	0.6	0.1	-	-	-	-	-	-	-	-	-	-	2.6	114
9.5 - 10.4	*	*	0.1	0.2	-	-	-	-	-	-	-	-	-	-	-	0.3	13
TOTAL %	7.7	57.0	29.3	5.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	337	2499	1287	242	19	2	0	0	0	0	0	0	0	0	0		4386

(\* < 0.05%)

STATION: 42040

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	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.4	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	217
3.5 - 4.4	2.9	11.0	*	-	-	-	-	-	-	-	-	-	-	-	-	13.9	559
4.5 - 5.4	4.5	18.8	1.5	-	-	-	-	-	-	-	-	-	-	-	-	24.7	991
5.5 - 6.4	1.7	16.0	7.7	0.1	-	-	-	-	-	-	-	-	-	-	-	25.5	1024
6.5 - 7.4	1.1	7.8	6.9	1.4	0.1	-	-	-	-	-	-	-	-	-	-	17.4	700
7.5 - 8.4	0.6	2.8	4.3	1.2	0.5	-	-	-	-	-	-	-	-	-	-	9.5	381
8.5 - 9.4	0.1	0.5	0.5	1.1	0.1	0.2	-	-	-	-	-	-	-	-	-	2.5	99



9.5 - 10.4	-	0.1	0.1	0.1	0.1	0.1	*	-	-	-	-	-	-	-	-	0.6	24
10.5 - 11.4	-	-	-	-	0.1	0.2	-	*	-	-	-	-	-	-	-	0.4	15
TOTAL %	14.4	59.0	21.1	4.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	578	2369	846	159	41	19	2	1	0	0	0	0	0	0	0		4015

(\* < 0.05%)

STATION: 42040

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	>13.4	0.2	9
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.1	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	172
3.5 - 4.4	2.6	9.5	-	-	-	-	-	-	-	-	-	-	-	-	-	12.1	495
4.5 - 5.4	2.9	18.4	1.4	-	-	-	-	-	-	-	-	-	-	-	-	22.7	928
5.5 - 6.4	2.2	16.1	9.2	0.4	*	-	-	-	-	-	-	-	-	-	-	27.8	1139
6.5 - 7.4	0.3	7.3	7.1	1.6	*	-	-	-	-	-	-	-	-	-	-	16.4	670
7.5 - 8.4	0.4	5.4	5.0	1.3	0.2	*	-	-	-	-	-	-	-	-	-	12.3	503
8.5 - 9.4	0.1	0.3	1.1	1.0	0.1	-	-	-	-	-	-	-	-	-	-	2.7	109
9.5 - 10.4	*	*	0.3	0.9	0.2	-	-	-	-	-	-	-	-	-	-	1.5	62
10.5 - 11.4	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	11.9	58.0	24.1	5.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	488	2372	987	218	24	1	0	0	0	0	0	0	0	0	0		4090

(\* < 0.05%)

STATION: 42040

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	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	2.3	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	175
3.5 - 4.4	2.0	10.7	-	-	-	-	-	-	-	-	-	-	-	-	-	12.7	546
4.5 - 5.4	2.4	18.8	1.6	-	-	-	-	-	-	-	-	-	-	-	-	22.7	974
5.5 - 6.4	1.8	20.2	8.1	0.1	-	-	-	-	-	-	-	-	-	-	-	30.2	1294
6.5 - 7.4	0.3	10.5	6.1	0.8	-	-	-	-	-	-	-	-	-	-	-	17.7	758
7.5 - 8.4	0.8	3.6	5.4	1.2	*	-	-	-	-	-	-	-	-	-	-	11.0	473
8.5 - 9.4	0.2	0.2	0.8	0.2	-	-	-	-	-	-	-	-	-	-	-	1.4	60
9.5 - 10.4	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
TOTAL %	9.9	65.9	22.0	2.2	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	426	2822	941	95	1	0	0	0	0	0	0	0	0	0	0		4285

(\* < 0.05%)

STATION: 42040

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	>13.4	0.4	19
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	4.7	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1	311
3.5 - 4.4	5.4	11.6	-	-	-	-	-	-	-	-	-	-	-	-	-	17.0	744
4.5 - 5.4	4.6	16.7	0.1	-	-	-	-	-	-	-	-	-	-	-	-	21.5	940
5.5 - 6.4	4.1	23.4	1.0	*	-	-	-	-	-	-	-	-	-	-	-	28.5	1248
6.5 - 7.4	2.2	11.9	2.1	0.1	-	-	-	-	-	-	-	-	-	-	-	16.2	708
7.5 - 8.4	1.9	3.4	1.2	0.6	*	-	-	-	-	-	-	-	-	-	-	7.1	312
8.5 - 9.4	1.3	0.4	0.1	*	-	-	-	-	-	-	-	-	-	-	-	1.9	81
9.5 - 10.4	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	9
TOTAL %	24.7	69.9	4.6	0.8	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	1080	3056	201	34	1	0	0	0	0	0	0	0	0	0	0		4372

(\* < 0.05%)

STATION: 42040

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

Month: JUN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.2	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	205
3.5 - 4.4	4.9	12.1	-	-	-	-	-	-	-	-	-	-	-	-	-	17.0	724
4.5 - 5.4	10.5	17.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	27.9	1187
5.5 - 6.4	6.1	25.2	1.1	-	-	-	-	-	-	-	-	-	-	-	-	32.4	1380
6.5 - 7.4	1.3	9.9	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	13.4	569
7.5 - 8.4	0.7	1.1	1.3	0.6	*	-	-	-	-	-	-	-	-	-	-	3.7	156
8.5 - 9.4	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	29
9.5 - 10.4	*	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	8
10.5 - 11.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	27.3	67.4	4.6	0.7	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	1162	2872	197	30	1	0	0	0	0	0	0	0	0	0	0		4262

(\* < 0.05%)

STATION: 42040

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	19
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	9.5	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	13.6	612
3.5 - 4.4	9.5	15.9	-	-	-	-	-	-	-	-	-	-	-	-	-	25.4	1144
4.5 - 5.4	6.0	12.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	18.1	816
5.5 - 6.4	7.0	14.5	0.8	-	-	-	-	-	-	-	-	-	-	-	-	22.3	1001
6.5 - 7.4	4.4	7.7	0.9	*	-	-	-	-	-	-	-	-	-	-	-	13.0	584
7.5 - 8.4	2.7	2.1	0.5	0.3	-	-	-	-	-	-	-	-	-	-	-	5.6	252
8.5 - 9.4	1.0	0.4	*	-	-	-	-	-	-	-	-	-	-	-	-	1.4	61
9.5 - 10.4	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	6
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 %	40.5	56.8	2.4	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	1821	2552	108	15	0	0	0	0	0	0	0	0	0	0	0		4496

(\* < 0.05%)

STATION: 42040

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	85
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	8.5	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	11.5	461
3.5 - 4.4	11.7	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	21.7	865
4.5 - 5.4	8.5	14.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	23.0	920
5.5 - 6.4	7.8	9.9	0.9	-	-	-	-	-	-	-	-	-	-	-	-	18.6	741
6.5 - 7.4	4.0	7.1	1.7	0.1	-	-	-	-	-	-	-	-	-	-	-	12.9	515
7.5 - 8.4	3.0	2.2	1.5	0.5	-	-	-	-	-	-	-	-	-	-	-	7.1	285
8.5 - 9.4	1.0	0.4	*	0.2	0.1	-	-	-	-	-	-	-	-	-	-	1.7	67
9.5 - 10.4	0.2	0.3	*	0.1	0.2	-	-	-	-	-	-	-	-	-	-	0.7	29
10.5 - 11.4	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	11
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	14
TOTAL %	47.1	47.5	4.2	0.9	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	1882	1897	169	34	11	0	0	0	0	0	0	0	0	0	0		3993

(\* < 0.05%)

STATION: 42040

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	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	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	24
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	8.8	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	10.5	335
3.5 - 4.4	7.8	8.7	-	-	-	-	-	-	-	-	-	-	-	-	-	16.5	530
4.5 - 5.4	5.5	12.9	0.3	-	-	-	-	-	-	-	-	-	-	-	-	18.6	596
5.5 - 6.4	4.9	15.2	3.2	0.2	-	-	-	-	-	-	-	-	-	-	-	23.5	754
6.5 - 7.4	2.7	7.3	6.3	0.6	-	-	-	-	-	-	-	-	-	-	-	16.8	539
7.5 - 8.4	0.8	3.3	3.1	1.8	0.1	*	-	-	-	-	-	-	-	-	-	9.2	295
8.5 - 9.4	*	0.1	0.4	1.1	*	0.3	0.3	0.1	-	-	-	-	-	-	-	2.3	75
9.5 - 10.4	-	-	0.1	0.1	0.2	0.2	0.2	0.1	-	-	-	-	-	-	-	0.7	24
10.5 - 11.4	-	-	0.1	0.1	-	*	-	-	*	*	*	-	-	-	-	0.3	11
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	*	*	*	-	0.1	-	*	0.1	0.1	*	-	-	-	0.4	13
13.5 - 14.4	-	-	-	-	*	0.1	0.1	-	-	*	-	-	-	-	-	0.3	9
TOTAL %	31.3	49.1	13.6	4.0	0.3	0.6	0.6	0.2	0.1	0.2	0.1	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1003	1573	435	127	11	19	20	5	2	5	4	1	0	0	0		3205

(\* < 0.05%)

STATION: 42040

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

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	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	7
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	4.6	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	214
3.5 - 4.4	4.4	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	12.1	462
4.5 - 5.4	2.1	14.3	0.7	-	-	-	-	-	-	-	-	-	-	-	-	17.1	653
5.5 - 6.4	3.1	18.3	6.4	0.1	-	-	-	-	-	-	-	-	-	-	-	27.9	1067
6.5 - 7.4	0.7	7.8	9.6	1.0	*	-	-	-	-	-	-	-	-	-	-	19.2	732
7.5 - 8.4	0.8	2.3	7.4	2.5	0.3	*	*	-	-	-	-	-	-	-	-	13.3	510
8.5 - 9.4	0.1	0.6	0.1	0.2	0.2	0.4	0.1	-	-	-	-	-	-	-	-	1.6	63
9.5 - 10.4	-	0.4	-	*	0.2	0.4	0.4	-	-	-	-	-	-	-	-	1.4	55
10.5 - 11.4	-	0.4	-	-	-	0.1	0.2	-	-	-	-	-	-	-	-	0.7	26
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	0.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.5	18
13.5 - 14.4	-	0.1	0.3	-	-	-	-	-	-	-	-	-	-	-	-	0.4	15
TOTAL %	16.0	52.9	25.0	3.7	0.7	0.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	613	2023	956	143	26	36	25	0	0	0	0	0	0	0	0		3822

(\* < 0.05%)

STATION: 42040

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	16
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.7	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	204
3.5 - 4.4	4.0	13.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	17.3	733
4.5 - 5.4	1.6	18.9	2.0	-	-	-	-	-	-	-	-	-	-	-	-	22.5	953
5.5 - 6.4	1.0	16.2	10.8	*	-	-	-	-	-	-	-	-	-	-	-	28.1	1192
6.5 - 7.4	1.2	6.3	6.8	0.9	*	-	-	-	-	-	-	-	-	-	-	15.2	645
7.5 - 8.4	0.8	2.0	3.9	2.1	0.3	-	-	-	-	-	-	-	-	-	-	9.0	383
8.5 - 9.4	*	0.8	0.3	0.8	0.4	-	-	-	-	-	-	-	-	-	-	2.3	99
9.5 - 10.4	-	0.1	0.1	0.1	0.1	-	-	-	-	-	-	-	-	-	-	0.4	17
TOTAL %	12.6	58.7	24.0	3.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	536	2490	1018	163	35	0	0	0	0	0	0	0	0	0	0		4242

(\* < 0.05%)

STATION: 42040

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-6.4	6.5-7.4	7.5-8.4	8.5-9.4	9.5-10.4	10.5-11.4	11.5-12.4	12.5-13.4	>13.4		
< 0.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	14

0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	1.4	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	149
3.5 - 4.4	2.3	14.2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	16.5	835
4.5 - 5.4	1.4	24.9	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	28.1	1424
5.5 - 6.4	1.0	15.6	11.1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	28.2	1431
6.5 - 7.4	0.5	6.8	6.0	1.8	-	-	-	-	-	-	-	-	-	-	-	-	15.2	770
7.5 - 8.4	0.3	2.0	3.0	1.8	0.3	-	-	-	-	-	-	-	-	-	-	-	7.3	372
8.5 - 9.4	-	0.2	0.5	0.5	*	*	-	-	-	-	-	-	-	-	-	-	1.1	58
9.5 - 10.4	-	-	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	13
TOTAL %	7.2	65.1	22.7	4.7	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	364	3298	1151	236	16	1	0	0	0	0	0	0	0	0	0	0		5066

(\* < 0.05%)

STATION: 42040

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	-	0.4	201
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	4.4	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	3220
3.5 - 4.4	4.9	11.6	*	-	-	-	-	-	-	-	-	-	-	-	-	16.5	8276
4.5 - 5.4	4.2	17.6	1.0	-	-	-	-	-	-	-	-	-	-	-	-	22.8	11459
5.5 - 6.4	3.4	17.0	6.2	0.2	*	-	-	-	-	-	-	-	-	-	-	26.8	13473
6.5 - 7.4	1.6	7.9	5.2	0.9	*	-	-	-	-	-	-	-	-	-	-	15.7	7894
7.5 - 8.4	1.1	2.7	3.4	1.3	0.2	*	*	-	-	-	-	-	-	-	-	8.7	4394
8.5 - 9.4	0.4	0.4	0.4	0.5	0.1	0.1	*	*	-	-	-	-	-	-	-	1.8	915
9.5 - 10.4	*	0.1	0.1	0.1	0.1	*	*	*	-	-	-	-	-	-	-	0.5	265
10.5 - 11.4	*	*	*	*	*	*	*	*	*	*	*	-	-	-	-	0.1	67
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	*	*	*	*	-	*	-	*	*	*	*	-	-	-	0.1	45
13.5 - 14.4	-	*	*	-	*	*	*	-	-	*	-	-	-	-	-	0.0	24
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	20.5	59.4	16.5	3.0	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	10290	29823	8296	1496	186	78	47	6	2	5	4	1	0	0	0		50234

(\* < 0.05%)

STATION: 42040

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	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	19
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	2.1	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	531
3.5 - 4.4	2.5	12.6	*	-	-	-	-	-	-	-	-	-	-	-	-	15.1	2033
4.5 - 5.4	2.3	21.8	1.9	-	-	-	-	-	-	-	-	-	-	-	-	25.9	3492
5.5 - 6.4	1.3	15.0	10.5	0.4	-	-	-	-	-	-	-	-	-	-	-	27.2	3657
6.5 - 7.4	0.8	6.5	7.0	1.8	*	-	-	-	-	-	-	-	-	-	-	16.1	2174
7.5 - 8.4	0.4	2.5	4.1	1.7	0.4	*	-	-	-	-	-	-	-	-	-	9.1	1225
8.5 - 9.4	0.1	0.3	0.8	0.7	0.1	0.1	-	-	-	-	-	-	-	-	-	2.0	271
9.5 - 10.4	*	0.1	0.2	0.1	*	*	*	-	-	-	-	-	-	-	-	0.4	50
10.5 - 11.4	-	-	-	-	*	0.1	-	*	-	-	-	-	-	-	-	0.1	15
TOTAL %	9.5	60.6	24.4	4.7	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1279	8166	3284	637	76	22	2	1	0	0	0	0	0	0	0		13467

(\* < 0.05%)

STATION: 42040

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	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	28
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.4	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	658
3.5 - 4.4	3.4	10.6	-	-	-	-	-	-	-	-	-	-	-	-	-	14.0	1785
4.5 - 5.4	3.3	17.9	1.0	-	-	-	-	-	-	-	-	-	-	-	-	22.3	2842



7.5 - 8.4	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	5
TOTAL %	7.7	57.0	29.3	5.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	337	2499	1287	242	19	2	0	0	0	0	0	0	0	0	0		4386

(\* < 0.05%)

STATION: 42040

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

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
0.5 - 1.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	5
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	2.2	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	166
3.5 - 4.4	9.3	33.6	0.3	-	-	-	-	-	-	-	-	-	-	-	-	43.2	1736
4.5 - 5.4	2.7	20.8	14.4	0.3	-	-	-	-	-	-	-	-	-	-	-	38.3	1538
5.5 - 6.4	*	2.3	5.7	2.8	0.4	-	-	-	-	-	-	-	-	-	-	11.3	455
6.5 - 7.4	-	0.2	0.6	0.7	0.5	0.1	-	-	-	-	-	-	-	-	-	2.2	88
7.5 - 8.4	-	-	-	0.1	0.1	0.3	*	*	-	-	-	-	-	-	-	0.7	27
TOTAL %	14.4	59.0	21.1	4.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	578	2369	846	159	41	19	2	1	0	0	0	0	0	0	0		4015

(\* < 0.05%)

STATION: 42040

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
0.5 - 1.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	9
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	2.5	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	3.6	146
3.5 - 4.4	7.4	30.6	0.4	-	-	-	-	-	-	-	-	-	-	-	-	38.4	1569
4.5 - 5.4	1.8	20.9	16.7	0.6	-	-	-	-	-	-	-	-	-	-	-	39.9	1632
5.5 - 6.4	*	5.4	6.1	3.5	0.3	-	-	-	-	-	-	-	-	-	-	15.3	627
6.5 - 7.4	-	0.1	1.0	1.2	0.2	*	-	-	-	-	-	-	-	-	-	2.5	104
7.5 - 8.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	11.9	58.0	24.1	5.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	488	2372	987	218	24	1	0	0	0	0	0	0	0	0	0		4090

(\* < 0.05%)

STATION: 42040

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	1.9	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	160
3.5 - 4.4	6.2	34.3	0.7	-	-	-	-	-	-	-	-	-	-	-	-	41.2	1765
4.5 - 5.4	1.8	27.8	15.7	0.2	-	-	-	-	-	-	-	-	-	-	-	45.5	1950
5.5 - 6.4	*	1.8	5.1	1.9	*	-	-	-	-	-	-	-	-	-	-	8.8	379
6.5 - 7.4	-	0.1	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	0.7	31
TOTAL %	9.9	65.9	22.0	2.2	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	426	2822	941	95	1	0	0	0	0	0	0	0	0	0	0		4285

(\* < 0.05%)

STATION: 42040

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
0.5 - 1.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	19
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	4.0	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	274
3.5 - 4.4	14.4	36.9	-	-	-	-	-	-	-	-	-	-	-	-	-	51.3	2245

4.5 - 5.4	5.4	29.1	3.3	*	-	-	-	-	-	-	-	-	-	-	-	-	37.9	1656
5.5 - 6.4	0.5	1.5	1.1	0.6	*	-	-	-	-	-	-	-	-	-	-	-	3.8	164
6.5 - 7.4	-	-	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	14
TOTAL %	24.7	69.9	4.6	0.8	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	1080	3056	201	34	1	0	0	0	0	0	0	0	0	0	0	0		4372

(\* < 0.05%)

STATION: 42040

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

Month: JUN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.1	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	2.6	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	160
3.5 - 4.4	17.7	37.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	54.9	2339
4.5 - 5.4	6.9	28.6	3.2	0.1	-	-	-	-	-	-	-	-	-	-	-	38.7	1651
5.5 - 6.4	0.1	0.5	1.3	0.6	*	-	-	-	-	-	-	-	-	-	-	2.5	105
6.5 - 7.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	4
TOTAL %	27.3	67.4	4.6	0.7	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	1162	2872	197	30	1	0	0	0	0	0	0	0	0	0	0		4262

(\* < 0.05%)

STATION: 42040

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.4	19
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	8.3	5.8	-	-	-	-	-	-	-	-	-	-	-	-	-	14.1	633
3.5 - 4.4	24.4	31.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	56.0	2518
4.5 - 5.4	7.3	18.1	2.1	*	-	-	-	-	-	-	-	-	-	-	-	27.5	1238
5.5 - 6.4	0.1	1.3	0.2	0.3	-	-	-	-	-	-	-	-	-	-	-	1.9	85
6.5 - 7.4	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	40.5	56.8	2.4	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	1821	2552	108	15	0	0	0	0	0	0	0	0	0	0	0		4496

(\* < 0.05%)

STATION: 42040

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	-	2.1	85
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	7.7	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	11.3	450
3.5 - 4.4	27.4	26.5	*	-	-	-	-	-	-	-	-	-	-	-	-	53.9	2154
4.5 - 5.4	9.6	15.4	2.4	-	-	-	-	-	-	-	-	-	-	-	-	27.3	1091
5.5 - 6.4	0.3	2.0	1.8	0.8	-	-	-	-	-	-	-	-	-	-	-	4.9	196
6.5 - 7.4	-	0.1	-	0.1	0.3	-	-	-	-	-	-	-	-	-	-	0.4	15
7.5 - 8.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	2
TOTAL %	47.1	47.5	4.2	0.9	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	1882	1897	169	34	11	0	0	0	0	0	0	0	0	0	0		3993

(\* < 0.05%)

STATION: 42040

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.7	24
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	7.1	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1	291

3.5 - 4.4	20.0	27.4	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	47.5	1523
4.5 - 5.4	3.1	17.8	10.8	*	-	-	-	-	-	-	-	-	-	-	-	-	31.7	1016
5.5 - 6.4	0.3	1.7	2.7	3.4	*	-	-	-	-	-	-	-	-	-	-	-	8.0	258
6.5 - 7.4	-	0.3	-	0.6	0.2	0.3	0.1	-	-	-	-	-	-	-	-	-	1.5	47
7.5 - 8.4	-	-	-	-	0.1	0.2	0.4	0.2	*	-	-	-	-	-	-	-	0.9	28
8.5 - 9.4	-	-	-	-	-	0.1	0.2	-	*	0.2	0.1	*	-	-	-	-	0.6	18
TOTAL %	31.3	49.1	13.6	4.0	0.3	0.6	0.6	0.2	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1003	1573	435	127	11	19	20	5	2	5	4	1	0	0	0	0		3205

STATION: 42040

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

Month: OCT

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	< 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	7
	0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	2.5 - 3.4	4.4	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	231
	3.5 - 4.4	9.3	25.7	0.2	-	-	-	-	-	-	-	-	-	-	-	-	35.2	1347
	4.5 - 5.4	2.0	23.3	17.3	0.1	-	-	-	-	-	-	-	-	-	-	-	42.7	1632
	5.5 - 6.4	0.2	1.7	6.8	3.4	0.2	-	-	-	-	-	-	-	-	-	-	12.2	467
	6.5 - 7.4	-	0.5	0.5	0.2	0.5	0.8	0.1	-	-	-	-	-	-	-	-	2.5	96
	7.5 - 8.4	-	0.1	0.3	-	-	0.2	0.5	-	-	-	-	-	-	-	-	1.0	40
	8.5 - 9.4	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	2
TOTAL %		16.0	52.9	25.0	3.7	0.7	0.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		613	2023	956	143	26	36	25	0	0	0	0	0	0	0	0		3822

STATION: 42040

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

Month: NOV

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	< 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	16
	0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	2.5 - 3.4	3.1	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	191
	3.5 - 4.4	8.0	35.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	43.8	1857
	4.5 - 5.4	0.8	20.1	19.0	0.2	-	-	-	-	-	-	-	-	-	-	-	40.0	1697
	5.5 - 6.4	0.4	1.6	4.7	3.4	0.2	-	-	-	-	-	-	-	-	-	-	10.4	440
	6.5 - 7.4	-	0.1	*	0.3	0.6	-	-	-	-	-	-	-	-	-	-	1.0	41
TOTAL %		12.6	58.7	24.0	3.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		536	2490	1018	163	35	0	0	0	0	0	0	0	0	0	0		4242

STATION: 42040

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

Month: DEC

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	< 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		0.3	14
	0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	2.5 - 3.4	1.1	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	3.2	160
	3.5 - 4.4	4.9	40.6	0.7	-	-	-	-	-	-	-	-	-	-	-	-	46.1	2337
	4.5 - 5.4	0.8	21.2	17.1	0.4	-	-	-	-	-	-	-	-	-	-	-	39.6	2006
	5.5 - 6.4	0.1	1.2	4.8	4.2	0.2	-	-	-	-	-	-	-	-	-	-	10.5	532
	6.5 - 7.4	-	-	0.2	*	0.1	*	-	-	-	-	-	-	-	-	-	0.3	17
TOTAL %		7.2	65.1	22.7	4.7	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		364	3298	1151	236	16	1	0	0	0	0	0	0	0	0	0		5066

STATION: 42040

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

All Months: Annual

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	< 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			



< 0.5	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	201
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	3.7	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	2992
3.5 - 4.4	12.6	33.3	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	46.2	23200
4.5 - 5.4	3.6	21.7	11.9	0.2	-	-	-	-	-	-	-	-	-	-	-	-	37.4	18795
5.5 - 6.4	0.2	2.0	4.0	2.4	0.1	-	-	-	-	-	-	-	-	-	-	-	8.8	4402
6.5 - 7.4	-	0.1	0.3	0.3	0.2	0.1	*	-	-	-	-	-	-	-	-	-	1.0	519
7.5 - 8.4	*	*	*	*	*	0.1	0.1	*	*	-	-	-	-	-	-	-	0.2	105
8.5 - 9.4	-	-	*	-	-	*	*	-	*	*	*	*	*	-	-	-	0.0	20
TOTAL %	20.5	59.4	16.5	3.0	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	10290	29823	8296	1496	186	78	47	6	2	5	4	1	0	0	0	0		50234

(\* < 0.05%)

STATION: 42040

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

Months: DEC, JAN, FEB (Winter)

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	< 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	19
	0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	2.5 - 3.4	1.4	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	456
	3.5 - 4.4	6.2	36.9	0.5	-	-	-	-	-	-	-	-	-	-	-	-	43.7	5883
	4.5 - 5.4	1.6	19.5	17.4	0.4	-	-	-	-	-	-	-	-	-	-	-	38.9	5232
	5.5 - 6.4	0.1	2.3	6.1	3.8	0.2	-	-	-	-	-	-	-	-	-	-	12.5	1681
	6.5 - 7.4	-	0.1	0.3	0.4	0.3	0.1	-	-	-	-	-	-	-	-	-	1.2	164
	7.5 - 8.4	-	-	-	0.1	*	0.1	*	*	-	-	-	-	-	-	-	0.2	32
TOTAL %		9.5	60.6	24.4	4.7	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		1279	8166	3284	637	76	22	2	1	0	0	0	0	0	0	0		13467

(\* < 0.05%)

STATION: 42040

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

Months: MAR, APR, MAY (Spring)

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	< 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	28
	0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	2.5 - 3.4	2.8	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6	580
	3.5 - 4.4	9.4	34.0	0.4	-	-	-	-	-	-	-	-	-	-	-	-	43.8	5579
	4.5 - 5.4	3.0	26.0	11.8	0.3	-	-	-	-	-	-	-	-	-	-	-	41.1	5238
	5.5 - 6.4	0.2	2.9	4.0	2.0	0.1	-	-	-	-	-	-	-	-	-	-	9.2	1170
	6.5 - 7.4	-	0.1	0.5	0.5	0.1	*	-	-	-	-	-	-	-	-	-	1.2	149
	7.5 - 8.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	3
TOTAL %		15.6	64.7	16.7	2.7	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		1994	8250	2129	347	26	1	0	0	0	0	0	0	0	0	0		12747

(\* < 0.05%)

STATION: 42040

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

Months: JUN, JUL, AUG (Summer)

		WAVE HEIGHT																
		0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4	TOT %	TOT N
WAVE PERIOD	< 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	-	0.8	107
	0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
	2.5 - 3.4	6.2	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	9.7	1243
	3.5 - 4.4	23.1	31.8	0.1	-	-	-	-	-	-	-	-	-	-	-	-	55.0	7011
	4.5 - 5.4	7.9	20.8	2.6	*	-	-	-	-	-	-	-	-	-	-	-	31.2	3980
	5.5 - 6.4	0.2	1.2	1.1	0.6	*	-	-	-	-	-	-	-	-	-	-	3.0	386
	6.5 - 7.4	-	*	*	*	0.1	-	-	-	-	-	-	-	-	-	-	0.2	22
	7.5 - 8.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %		38.2	57.4	3.7	0.6	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		4865	7321	474	79	12	0	0	0	0	0	0	0	0	0	0		12751

(\* < 0.05%)

STATION: 42040

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

Months: SEP, OCT, NOV (Autumn)

WAVE HEIGHT

WAVE PERIOD	0.0-	0.5-	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
< 0.5	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	47
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	4.7	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	713
3.5 - 4.4	11.9	29.9	0.2	-	-	-	-	-	-	-	-	-	-	-	-	41.9	4727
4.5 - 5.4	1.8	20.5	16.1	0.1	-	-	-	-	-	-	-	-	-	-	-	38.6	4345
5.5 - 6.4	0.3	1.7	4.8	3.4	0.2	-	-	-	-	-	-	-	-	-	-	10.3	1165
6.5 - 7.4	-	0.3	0.2	0.3	0.4	0.4	0.1	-	-	-	-	-	-	-	-	1.6	184
7.5 - 8.4	-	*	0.1	-	*	0.1	0.3	*	*	-	-	-	-	-	-	0.6	68
8.5 - 9.4	-	-	*	-	-	*	*	-	*	*	*	*	*	-	-	0.2	20
TOTAL %	19.1	54.0	21.4	3.8	0.6	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2152	6086	2409	433	72	55	45	5	2	5	4	1	0	0	0		11269

(\* < 0.05%)

STATION: 42040

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	1.2	0.5	0.5	-	0.1	0.7	1.1	0.3	0.3	0.5	0.3	0.8	-	6.4	47
3.5 - 4.4	4.2	2.8	2.2	1.6	1.5	4.1	3.3	0.3	2.3	0.4	0.8	1.6	-	25.1	185
4.5 - 5.4	5.2	7.1	9.4	3.3	3.0	1.9	1.5	0.5	0.4	0.3	-	4.1	-	36.5	269
5.5 - 6.4	0.5	1.4	4.2	2.7	1.8	2.0	2.3	0.1	-	-	-	2.3	-	17.4	128
6.5 - 7.4	-	-	0.7	0.5	-	2.0	1.9	-	0.1	-	-	1.5	-	6.8	50
7.5 - 8.4	-	-	-	-	-	3.5	2.0	-	0.3	-	-	-	-	5.8	43
8.5 - 9.4	-	-	-	-	-	0.3	1.8	-	-	-	-	-	-	2.0	15
TOTAL %	11.1	11.8	17.0	8.1	6.4	14.5	13.8	1.2	3.4	1.2	1.1	10.3	-	100.0	
TOTAL N	82	87	125	60	47	107	102	9	25	9	8	76	-		737

(\* < 0.05%)

STATION: 42040

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	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.4	0.1	-	0.4	0.7	0.6	2.2	0.1	-	-	0.3	1.3	-	6.4	43
3.5 - 4.4	2.1	0.4	1.5	1.0	0.9	0.1	-	0.1	0.3	0.3	0.3	1.3	-	8.5	57
4.5 - 5.4	3.6	6.0	3.9	3.1	5.1	3.3	1.9	0.1	-	-	0.1	-	-	27.3	182
5.5 - 6.4	1.3	0.7	1.6	3.3	3.6	9.1	3.3	0.1	0.1	-	0.1	0.6	-	24.1	161
6.5 - 7.4	0.9	1.9	0.4	1.6	3.4	13.0	2.2	-	-	-	-	0.3	-	24.0	160
7.5 - 8.4	-	-	-	-	1.5	5.7	1.2	-	-	-	-	-	-	8.4	56
8.5 - 9.4	-	-	-	-	-	0.9	0.3	-	-	-	-	-	-	1.2	8
TOTAL %	8.4	9.3	7.5	9.6	15.3	32.8	11.2	0.6	0.4	0.3	0.9	3.6	-	100.0	
TOTAL N	56	62	50	64	102	219	75	4	3	2	6	24	-		667

(\* < 0.05%)

STATION: 42040

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	1.2	-	-	-	-	-	-	-	-	-	-	-	-	1.2	9
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	1.3	0.1	0.3	-	0.1	0.8	1.1	0.4	-	-	0.8	0.7	-	5.7	42
3.5 - 4.4	2.2	1.9	0.9	0.7	0.9	0.8	0.8	0.1	0.3	0.3	0.3	0.5	-	9.7	72
4.5 - 5.4	4.6	2.6	3.0	1.8	1.2	0.5	2.4	2.0	0.5	0.4	2.4	1.2	-	22.7	168
5.5 - 6.4	1.6	3.8	5.1	2.0	1.8	1.5	1.8	1.9	1.5	-	0.3	3.1	-	24.3	180
6.5 - 7.4	0.1	-	0.5	3.5	0.7	1.9	3.4	0.7	1.1	-	0.8	1.5	-	14.2	105
7.5 - 8.4	-	-	-	2.2	1.1	3.8	6.5	1.6	0.3	0.1	-	-	-	15.5	115
8.5 - 9.4	-	-	-	-	-	1.1	3.2	0.9	-	-	-	-	-	5.3	39
9.5 - 10.4	-	-	-	-	-	-	1.5	-	-	-	-	-	-	1.5	11
TOTAL %	11.1	8.4	9.9	10.1	5.8	10.4	20.6	7.7	3.6	0.8	4.6	7.0	-	100.0	
TOTAL N	82	62	73	75	43	77	153	57	27	6	34	52	-		741

(\* < 0.05%)

STATION: 42040

## 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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	0.3	0.4	-	0.3	-	-	-	0.4	1.4	10
3.5 - 4.4	1.8	1.1	0.1	0.7	2.8	1.5	0.1	0.6	-	0.7	-	0.6	10.0	72
4.5 - 5.4	1.5	2.4	1.0	2.8	4.3	5.4	1.1	0.8	-	-	-	0.3	19.7	141
5.5 - 6.4	1.8	1.7	2.2	1.4	6.3	6.6	11.2	5.0	-	-	-	-	36.1	259
6.5 - 7.4	0.1	0.8	1.1	-	3.9	10.3	6.6	3.5	-	-	-	-	26.4	189
7.5 - 8.4	-	-	0.3	-	0.8	4.0	0.7	-	-	-	-	-	5.9	42
8.5 - 9.4	-	-	-	-	-	0.6	-	-	-	-	-	-	0.6	4

TOTAL % 5.3 6.0 4.7 4.9 18.4 28.9 19.7 10.2 0.0 0.7 0.0 1.3 100.0  
 TOTAL N 38 43 34 35 132 207 141 73 0 5 0 9 717  
 (\* < 0.05%)

STATION: 42040

## 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	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.3	0.4	-	-	0.1	0.1	2.7	1.5	3.2	0.7	1.2	0.5	10.8	80
3.5 - 4.4	1.1	0.8	1.2	0.9	0.8	0.1	1.5	5.3	5.9	0.5	0.3	0.9	19.5	144
4.5 - 5.4	0.9	0.7	0.7	1.4	5.4	0.7	2.3	4.5	0.5	-	-	0.1	17.2	127
5.5 - 6.4	0.1	-	-	0.5	10.9	10.7	3.6	7.7	0.5	-	-	-	34.2	253
6.5 - 7.4	-	-	-	1.1	5.7	3.9	0.3	2.4	-	-	-	-	13.4	99
7.5 - 8.4	-	-	-	-	1.6	1.5	0.4	0.4	-	-	-	-	3.9	29
8.5 - 9.4	-	-	-	-	-	0.4	0.5	-	-	-	-	-	0.9	7

TOTAL % 2.6 1.9 1.9 3.9 24.6 17.4 11.4 21.8 10.3 1.2 1.5 1.6 100.0  
 TOTAL N 19 14 14 29 182 129 84 161 76 9 11 12 740  
 (\* < 0.05%)

STATION: 42040

## 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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.3	0.1	-	-	0.6	0.6	0.7	1.0	0.3	0.3	0.1	0.4	4.4	31
3.5 - 4.4	1.6	1.3	3.2	1.0	2.8	1.0	2.5	1.1	0.3	-	-	-	14.8	105
4.5 - 5.4	0.4	0.3	4.9	5.5	3.5	4.7	5.5	2.5	-	-	-	-	27.4	194
5.5 - 6.4	-	-	-	-	1.7	5.4	14.5	5.1	-	-	-	-	26.7	189
6.5 - 7.4	-	-	-	-	-	6.1	6.5	5.6	0.3	-	-	-	18.5	131
7.5 - 8.4	-	-	-	-	-	2.1	2.4	1.4	-	-	-	-	5.9	42
8.5 - 9.4	-	-	-	-	-	0.6	1.6	-	-	-	-	-	2.1	15
9.5 - 10.4	-	-	-	-	-	-	0.1	-	-	-	-	-	0.1	1
10.5 - 11.4	-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	1

TOTAL % 2.3 1.7 8.3 6.5 8.6 20.3 33.9 16.8 0.8 0.3 0.1 0.4 100.0  
 TOTAL N 16 12 59 46 61 144 240 119 6 2 1 3 709  
 (\* < 0.05%)

STATION: 42040

## 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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.3	-	0.1	0.1	-	0.4	0.9	0.5	0.4	2.2	0.8	0.5	6.3	47
3.5 - 4.4	1.9	2.0	0.8	0.9	1.3	0.1	0.7	0.8	1.2	5.7	4.6	2.3	22.4	166
4.5 - 5.4	-	0.3	0.9	4.6	7.7	4.5	3.1	1.1	2.4	0.8	0.9	0.8	27.1	201
5.5 - 6.4	0.1	0.1	1.1	7.0	2.8	10.0	8.8	0.3	0.3	-	-	-	30.5	226
6.5 - 7.4	-	-	0.1	0.7	0.4	5.8	2.6	0.4	0.3	0.1	-	-	10.4	77
7.5 - 8.4	-	-	-	0.1	0.8	1.9	-	-	-	-	-	-	2.8	21

8.5 - 9.4	-	-	-	-	0.3	0.1	-	-	-	-	-	-	-	0.4	3
TOTAL %	2.3	2.4	3.1	13.5	13.4	22.8	16.1	3.1	4.6	8.8	6.3	3.6	100.0		
TOTAL N	17	18	23	100	99	169	119	23	34	65	47	27		741	

(\* < 0.05%)

STATION: 42040

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.3	0.2	0.2	0.1	-	0.2	1.4	2.4	3.4	3.9	0.2	0.2	12.7	115
3.5 - 4.4	0.4	0.1	1.0	0.3	0.1	1.4	1.0	3.0	6.0	3.1	4.1	0.6	21.1	191
4.5 - 5.4	-	0.4	1.2	2.0	3.1	5.0	4.1	1.8	0.3	-	0.3	0.8	19.0	172
5.5 - 6.4	-	-	0.1	1.3	2.1	6.6	2.8	0.8	-	-	-	-	13.7	124
6.5 - 7.4	-	-	0.1	1.0	2.8	8.6	2.4	0.2	0.1	-	-	-	15.2	138
7.5 - 8.4	-	-	-	0.3	3.1	4.7	1.3	-	-	-	-	-	9.5	86
8.5 - 9.4	-	-	-	-	2.9	1.1	0.1	-	-	-	-	-	4.1	37
9.5 - 10.4	-	-	-	-	1.3	0.8	0.1	-	-	-	-	-	2.2	20
10.5 - 11.4	-	-	-	-	-	0.7	0.6	-	-	-	-	-	1.2	11
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	0.2	1.2	-	-	-	-	-	1.4	13
TOTAL %	0.8	0.8	2.6	5.1	15.3	29.3	15.0	8.2	9.8	6.9	4.6	1.5	100.0	
TOTAL N	7	7	24	46	139	266	136	74	89	63	42	14		907

(\* < 0.05%)

STATION: 42040

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.6	0.4	0.3	0.7	1.2	1.2	0.8	0.5	0.1	0.1	0.5	0.7	7.0	76
3.5 - 4.4	0.9	3.2	2.5	1.2	1.9	2.1	2.9	1.3	0.6	0.5	-	0.2	17.4	189
4.5 - 5.4	0.4	3.6	4.1	3.1	2.7	2.7	3.4	4.9	1.0	0.4	0.1	-	26.3	286
5.5 - 6.4	-	2.2	2.2	6.2	3.5	1.6	1.5	6.2	5.4	-	-	-	28.7	313
6.5 - 7.4	-	0.1	0.6	5.0	1.5	1.7	2.5	0.5	0.6	-	-	-	12.3	134
7.5 - 8.4	-	-	-	2.5	2.7	0.6	0.6	-	-	-	-	-	6.3	69
8.5 - 9.4	-	-	-	0.2	0.9	-	-	-	-	-	-	-	1.1	12
9.5 - 10.4	-	-	-	-	0.1	0.5	-	-	-	-	-	-	0.6	6
10.5 - 11.4	-	-	-	-	-	0.4	-	-	-	-	-	-	0.4	4
TOTAL %	1.8	9.5	9.6	18.9	14.4	10.6	11.8	13.2	7.8	0.9	0.6	0.9	100.0	
TOTAL N	20	103	105	206	157	115	128	144	85	10	6	10		1089

(\* < 0.05%)

STATION: 42040

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	0.6	-	-	-	-	-	-	-	-	-	-	-	0.6	7
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.9	0.5	0.3	0.2	-	0.2	0.5	0.3	0.3	0.5	1.2	0.6	5.4	63
3.5 - 4.4	1.0	1.0	1.8	2.2	2.4	0.9	0.4	0.4	-	-	-	0.3	10.5	123
4.5 - 5.4	0.9	0.9	2.0	5.6	2.8	1.6	1.6	0.1	-	-	-	-	15.4	180
5.5 - 6.4	1.5	3.2	4.0	12.2	5.6	3.6	3.7	0.4	0.3	-	-	0.1	34.6	404
6.5 - 7.4	0.3	0.8	2.9	7.8	5.0	5.8	0.6	0.2	-	-	-	-	23.4	273
7.5 - 8.4	-	-	-	3.8	1.7	2.2	1.7	0.4	-	-	-	-	9.9	116
8.5 - 9.4	-	-	-	0.2	-	-	0.1	-	-	-	-	-	0.3	3
TOTAL %	5.2	6.3	10.9	32.0	17.5	14.3	8.6	1.8	0.5	0.5	1.2	1.0	100.0	
TOTAL N	61	74	128	374	205	167	101	21	6	6	14	12		1169

(\* < 0.05%)

STATION: 42040

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

Month: NOV

MEAN WAVE DIRECTION

WAVE PERIOD	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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	1.3	0.7	1.1	0.4	0.7	0.7	0.8	0.1	0.1	-	0.1	0.6	6.5	92
3.5 - 4.4	1.3	3.2	3.0	1.8	1.3	0.7	0.8	0.8	-	0.2	0.7	0.6	14.4	205
4.5 - 5.4	2.7	3.5	4.6	2.5	4.9	3.2	2.3	0.6	0.1	0.1	0.7	0.1	25.4	361
5.5 - 6.4	1.6	2.4	2.8	3.9	4.8	6.1	2.8	0.1	-	-	-	0.1	24.6	351
6.5 - 7.4	0.6	0.1	0.8	3.7	1.5	3.1	5.3	0.6	0.2	-	-	-	15.7	224
7.5 - 8.4	-	-	0.4	0.8	0.1	4.9	5.1	0.4	0.1	-	-	-	11.9	169
8.5 - 9.4	-	-	-	-	0.4	0.7	0.4	-	-	-	-	-	1.5	22

TOTAL % 7.4 9.9 12.6 13.0 13.8 19.4 17.5 2.7 0.4 0.4 1.5 1.5 100.0  
TOTAL N 105 141 180 185 197 276 249 38 6 5 21 21 1424

(\* < 0.05%)

STATION: 42040

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.3	0.1	0.1	0.2	0.2	0.3	0.2	0.1	-	0.1	-	0.1	1.6	24
3.5 - 4.4	2.7	4.6	3.9	1.6	0.7	0.1	0.1	-	0.1	0.3	0.5	1.4	16.2	239
4.5 - 5.4	2.6	3.6	5.3	5.6	3.9	1.0	0.1	0.2	0.1	0.1	0.5	3.1	26.0	384
5.5 - 6.4	2.5	2.4	4.5	4.0	4.9	4.6	1.3	0.7	0.7	0.2	0.5	2.8	29.2	431
6.5 - 7.4	1.4	0.9	0.7	2.8	0.5	4.6	2.0	1.5	2.0	0.3	0.7	0.9	18.4	271
7.5 - 8.4	-	0.1	-	0.9	0.7	2.7	0.7	1.0	0.7	-	0.1	0.5	7.4	109
8.5 - 9.4	-	-	-	-	-	0.3	0.1	-	-	-	-	-	0.4	6
9.5 - 10.4	-	-	-	-	-	0.4	0.3	-	-	-	-	-	0.7	11

TOTAL % 9.5 11.7 14.4 15.1 11.1 14.1 4.9 3.5 3.7 0.9 2.3 8.9 100.0  
TOTAL N 140 172 213 222 163 208 72 52 54 14 34 131 1475

(\* < 0.05%)

STATION: 42040

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	-	-	-	-	-	-	-	-	-	-	-	0.2	17
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.6	0.3	0.3	0.2	0.4	0.5	0.9	0.6	0.6	0.6	0.4	0.6	6.0	670
3.5 - 4.4	1.7	2.1	2.1	1.3	1.4	1.0	1.1	1.1	1.3	0.9	0.9	0.8	15.7	1748
4.5 - 5.4	1.9	2.6	3.5	3.6	3.9	2.7	2.3	1.5	0.4	0.2	0.4	0.9	24.0	2665
5.5 - 6.4	1.1	1.7	2.5	4.1	4.3	5.4	4.2	2.2	0.8	*	0.1	0.8	27.2	3019
6.5 - 7.4	0.4	0.4	0.7	2.7	2.1	5.2	3.0	1.2	0.5	*	0.2	0.3	16.7	1851
7.5 - 8.4	-	*	0.1	1.0	1.2	3.1	2.0	0.5	0.1	*	*	0.1	8.1	897
8.5 - 9.4	-	-	-	*	0.4	0.5	0.6	0.1	-	-	-	-	1.5	171
9.5 - 10.4	-	-	-	-	0.1	0.2	0.2	-	-	-	-	-	0.4	49
10.5 - 11.4	-	-	*	-	-	0.1	*	-	-	-	-	-	0.1	16
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	*	0.1	-	-	-	-	-	0.1	13

TOTAL % 5.8 7.2 9.2 13.0 13.7 18.7 14.4 7.0 3.7 1.8 2.0 3.5 100.0  
TOTAL N 643 795 1028 1442 1527 2084 1600 775 411 196 224 391 11116

(\* < 0.05%)

STATION: 42040

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.6	0.2	0.2	0.2	0.3	0.5	0.9	0.1	0.1	0.2	0.1	0.6	4.0	114
3.5 - 4.4	3.0	3.2	2.9	1.5	1.0	1.1	0.9	0.1	0.7	0.3	0.6	1.4	16.7	481
4.5 - 5.4	3.5	5.0	6.0	4.4	4.0	1.8	0.9	0.3	0.1	0.1	0.3	2.6	29.0	835
5.5 - 6.4	1.7	1.7	3.8	3.5	3.8	5.0	2.0	0.5	0.4	0.1	0.3	2.2	25.0	720
6.5 - 7.4	0.9	0.9	0.6	1.9	1.0	5.9	2.0	0.8	1.1	0.1	0.4	0.9	16.7	481
7.5 - 8.4	-	*	-	0.5	0.7	3.6	1.2	0.5	0.4	-	*	0.2	7.2	208
8.5 - 9.4	-	-	-	-	-	0.5	0.6	-	-	-	-	-	1.0	29
9.5 - 10.4	-	-	-	-	-	0.2	0.2	-	-	-	-	-	0.4	11

TOTAL %	9.7	11.1	13.5	12.0	10.8	18.5	8.6	2.3	2.8	0.9	1.7	8.0	100.0	
TOTAL N	278	321	388	346	312	534	249	65	82	25	48	231		2879

(\* < 0.05%)

STATION: 42040

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	0.5	-	-	-	-	-	-	-	-	-	-	-	0.5	10
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.5	0.2	0.1	-	0.2	0.5	1.3	0.7	1.1	0.2	0.7	0.5	6.0	132
3.5 - 4.4	1.7	1.3	0.8	0.8	1.5	0.8	0.8	2.0	2.1	0.5	0.2	0.7	13.1	288
4.5 - 5.4	2.4	1.9	1.5	2.0	3.6	2.2	2.0	2.5	0.4	0.1	0.8	0.5	19.8	436
5.5 - 6.4	1.2	1.8	2.5	1.3	6.3	6.2	5.5	4.9	0.7	-	0.1	1.0	31.5	692
6.5 - 7.4	0.1	0.3	0.5	1.5	3.4	5.3	3.4	2.2	0.4	-	0.3	0.5	17.9	393
7.5 - 8.4	-	-	0.1	0.7	1.2	3.1	2.5	0.7	0.1	*	-	-	8.5	186
8.5 - 9.4	-	-	-	-	-	0.7	1.3	0.3	-	-	-	-	2.3	50
9.5 - 10.4	-	-	-	-	-	-	0.5	-	-	-	-	-	0.5	11
TOTAL %	6.3	5.4	5.5	6.3	16.2	18.8	17.2	13.2	4.7	0.9	2.0	3.3	100.0	
TOTAL N	139	119	121	139	357	413	378	291	103	20	45	73		2198

(\* < 0.05%)

STATION: 42040

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	0.3	0.1	0.1	0.1	0.2	0.4	1.1	1.4	1.5	2.2	0.4	0.4	8.2	193
3.5 - 4.4	1.2	1.1	1.6	0.7	1.3	0.9	1.4	1.7	2.8	3.0	3.0	0.9	19.6	462
4.5 - 5.4	0.1	0.3	2.2	3.9	4.7	4.7	4.2	1.8	0.9	0.3	0.4	0.6	24.1	567
5.5 - 6.4	*	*	0.4	2.7	2.2	7.3	8.2	1.9	0.1	-	-	-	22.9	539
6.5 - 7.4	-	-	0.1	0.6	1.2	7.0	3.7	1.9	0.2	*	-	-	14.7	346
7.5 - 8.4	-	-	-	0.2	1.4	3.1	1.2	0.4	-	-	-	-	6.3	149
8.5 - 9.4	-	-	-	-	1.2	0.6	0.5	-	-	-	-	-	2.3	55
9.5 - 10.4	-	-	-	-	0.5	0.3	0.1	-	-	-	-	-	0.9	21
10.5 - 11.4	-	-	*	-	-	0.3	0.2	-	-	-	-	-	0.5	12
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	0.1	0.5	-	-	-	-	-	0.6	13
TOTAL %	1.7	1.6	4.5	8.1	12.7	24.6	21.0	9.2	5.5	5.5	3.8	1.9	100.0	
TOTAL N	40	37	106	192	299	579	495	216	129	130	90	44		2357

(\* < 0.05%)

STATION: 42040

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	0.2	-	-	-	-	-	-	-	-	-	-	-	0.2	7
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	1.0	0.5	0.6	0.4	0.6	0.7	0.7	0.2	0.1	0.2	0.5	0.7	6.3	231
3.5 - 4.4	1.1	2.5	2.5	1.7	1.8	1.2	1.3	0.8	0.2	0.2	0.3	0.4	14.0	517
4.5 - 5.4	1.4	2.7	3.6	3.7	3.6	2.5	2.4	1.7	0.3	0.2	0.3	0.1	22.5	827
5.5 - 6.4	1.1	2.6	3.0	7.2	4.7	4.0	2.7	2.0	1.7	-	-	0.1	29.0	1068
6.5 - 7.4	0.3	0.3	1.4	5.4	2.6	3.5	3.0	0.4	0.3	-	-	-	17.1	631
7.5 - 8.4	-	-	0.2	2.3	1.4	2.8	2.7	0.3	*	-	-	-	9.6	354
8.5 - 9.4	-	-	-	0.1	0.4	0.3	0.2	-	-	-	-	-	1.0	37
9.5 - 10.4	-	-	-	-	*	0.1	-	-	-	-	-	-	0.2	6
10.5 - 11.4	-	-	-	-	-	0.1	-	-	-	-	-	-	0.1	4
TOTAL %	5.1	8.6	11.2	20.8	15.2	15.2	13.0	5.5	2.6	0.6	1.1	1.2	100.0	
TOTAL N	186	318	413	765	559	558	478	203	97	21	41	43		3682

(\* < 0.05%)

STATION: 42040

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	1.6	0.3	2.6	1.2	0.4	1.1	2.0	0.4	-	-	-	0.1	9.8	72
0.5 - 1.4	8.7	11.0	12.1	6.5	4.2	9.4	8.3	0.7	3.3	1.2	1.1	5.0	71.4	526
1.5 - 2.4	0.8	0.5	2.3	0.4	1.8	2.6	1.9	0.1	0.1	-	-	4.5	15.1	111

2.5 - 3.4	-	-	-	-	-	1.5	1.6	-	-	-	-	0.7	3.8	28
TOTAL %	11.1	11.8	17.0	8.1	6.4	14.5	13.8	1.2	3.4	1.2	1.1	10.3	100.0	
TOTAL N	82	87	125	60	47	107	102	9	25	9	8	76		737

(\* < 0.05%)

STATION: 42040

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

Month: FEB

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	0.1	-	0.1	0.1	1.0	1.2	4.6	0.6	0.4	-	-	1.0	9.4	63
0.5 - 1.4	4.8	6.1	6.6	7.2	9.3	26.7	6.1	-	-	0.3	0.6	1.6	69.4	463
1.5 - 2.4	3.0	2.2	0.7	2.2	4.8	4.9	0.4	-	-	-	0.3	0.9	19.6	131
2.5 - 3.4	0.4	0.9	-	-	0.1	-	-	-	-	-	-	-	1.5	10
TOTAL %	8.4	9.3	7.5	9.6	15.3	32.8	11.2	0.6	0.4	0.3	0.9	3.6	100.0	
TOTAL N	56	62	50	64	102	219	75	4	3	2	6	24		667

(\* < 0.05%)

STATION: 42040

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

Month: MAR

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	2.8	0.7	0.8	0.1	0.3	1.3	5.0	2.2	1.8	0.3	1.2	1.1	17.5	130
0.5 - 1.4	6.6	4.6	6.6	3.5	2.4	5.4	7.4	3.0	1.5	0.3	1.2	1.3	43.9	325
1.5 - 2.4	1.6	3.1	2.4	4.6	2.7	3.2	5.4	1.6	0.4	0.3	1.5	3.6	30.5	226
2.5 - 3.4	-	-	-	1.5	0.4	0.4	2.8	0.9	-	-	0.7	0.9	7.7	57
3.5 - 4.4	-	-	-	0.4	-	-	-	-	-	-	-	-	0.4	3
TOTAL %	11.1	8.4	9.9	10.1	5.8	10.4	20.6	7.7	3.6	0.8	4.6	7.0	100.0	
TOTAL N	82	62	73	75	43	77	153	57	27	6	34	52		741

(\* < 0.05%)

STATION: 42040

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

Month: APR

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	0.3	0.4	0.7	1.4	1.7	0.3	0.4	-	-	-	-	5.6	40
0.5 - 1.4	3.1	3.1	2.8	4.0	10.0	19.9	18.3	9.3	-	0.7	-	1.3	72.5	520
1.5 - 2.4	1.8	2.0	1.4	0.1	6.3	7.3	1.1	0.4	-	-	-	-	20.4	146
2.5 - 3.4	-	0.7	0.1	-	0.7	-	-	-	-	-	-	-	1.5	11
TOTAL %	5.3	6.0	4.7	4.9	18.4	28.9	19.7	10.2	0.0	0.7	0.0	1.3	100.0	
TOTAL N	38	43	34	35	132	207	141	73	0	5	0	9		717

(\* < 0.05%)

STATION: 42040

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

Month: MAY

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	0.9	0.5	1.1	0.8	0.8	3.5	3.9	3.5	5.4	0.7	1.5	1.2	23.9	177
0.5 - 1.4	1.6	1.4	0.8	2.4	20.0	13.0	7.4	18.2	4.9	0.5	-	0.4	70.7	523
1.5 - 2.4	-	-	-	0.7	3.5	0.9	-	-	-	-	-	-	5.1	38
2.5 - 3.4	-	-	-	-	0.3	-	-	-	-	-	-	-	0.3	2
TOTAL %	2.6	1.9	1.9	3.9	24.6	17.4	11.4	21.8	10.3	1.2	1.5	1.6	100.0	
TOTAL N	19	14	14	29	182	129	84	161	76	9	11	12		740

(\* < 0.05%)

STATION: 42040

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

Month: JUN

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	0.7	-	2.4	3.2	2.8	5.6	4.9	0.6	0.3	-	0.1	0.3	21.0	149
0.5 - 1.4	1.6	1.7	5.9	3.2	5.8	10.9	26.1	12.6	0.6	0.3	-	0.1	68.7	487
1.5 - 2.4	-	-	-	-	-	3.8	2.8	2.1	-	-	-	-	8.7	62
2.5 - 3.4	-	-	-	-	-	-	-	1.4	-	-	-	-	1.4	10
3.5 - 4.4	-	-	-	-	-	-	-	0.1	-	-	-	-	0.1	1

TOTAL %	2.3	1.7	8.3	6.5	8.6	20.3	33.9	16.8	0.8	0.3	0.1	0.4	100.0	
TOTAL N	16	12	59	46	61	144	240	119	6	2	1	3		709

(\* < 0.05%)

STATION: 42040

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	0.5	0.8	0.1	1.3	2.6	6.2	6.6	2.6	1.5	1.3	2.0	1.1	26.7	198
0.5 - 1.4	1.8	1.6	3.0	12.1	10.4	14.2	7.4	0.5	3.1	7.4	4.3	2.6	68.4	507
1.5 - 2.4	-	-	-	-	0.4	2.4	2.0	-	-	-	-	-	4.9	36
TOTAL %	2.3	2.4	3.1	13.5	13.4	22.8	16.1	3.1	4.6	8.8	6.3	3.6	100.0	
TOTAL N	17	18	23	100	99	169	119	23	34	65	47	27		741

(\* < 0.05%)

STATION: 42040

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	0.3	0.4	0.3	0.6	4.1	18.6	7.6	5.2	4.6	3.5	1.3	0.4	47.1	427
0.5 - 1.4	0.4	0.3	2.2	2.6	4.9	10.5	7.4	3.0	5.2	3.4	3.3	1.1	44.3	402
1.5 - 2.4	-	-	0.1	1.8	3.4	0.2	-	-	-	-	-	-	5.5	50
2.5 - 3.4	-	-	-	0.1	1.8	-	-	-	-	-	-	-	1.9	17
3.5 - 4.4	-	-	-	-	1.2	-	-	-	-	-	-	-	1.2	11
TOTAL %	0.8	0.8	2.6	5.1	15.3	29.3	15.0	8.2	9.8	6.9	4.6	1.5	100.0	
TOTAL N	7	7	24	46	139	266	136	74	89	63	42	14		907

(\* < 0.05%)

STATION: 42040

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	0.4	0.7	1.0	1.5	5.8	7.3	5.4	4.1	2.6	-	0.4	0.7	29.9	326
0.5 - 1.4	1.5	7.3	7.2	10.8	5.1	2.1	5.8	9.1	5.2	0.9	0.2	0.2	55.3	602
1.5 - 2.4	-	1.5	1.5	4.9	1.8	0.8	0.6	-	-	-	-	-	11.0	120
2.5 - 3.4	-	-	-	1.7	1.7	0.3	-	-	-	-	-	-	3.8	41
TOTAL %	1.8	9.5	9.6	18.9	14.4	10.6	11.8	13.2	7.8	0.9	0.6	0.9	100.0	
TOTAL N	20	103	105	206	157	115	128	144	85	10	6	10		1089

(\* < 0.05%)

STATION: 42040

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	2.0	0.5	0.8	1.6	2.2	3.6	5.9	0.9	0.5	0.3	1.1	0.8	20.3	237
0.5 - 1.4	1.5	1.9	5.6	21.0	9.5	8.1	1.3	0.5	-	0.2	0.1	0.3	49.8	582
1.5 - 2.4	1.8	3.3	4.3	7.0	5.0	2.3	0.9	0.3	-	-	-	-	25.0	292
2.5 - 3.4	-	0.6	0.3	2.4	0.8	0.3	0.6	-	-	-	-	-	5.0	58
TOTAL %	5.2	6.3	10.9	32.0	17.5	14.3	8.6	1.8	0.5	0.5	1.2	1.0	100.0	
TOTAL N	61	74	128	374	205	167	101	21	6	6	14	12		1169

(\* < 0.05%)

STATION: 42040

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	1.1	1.1	2.5	1.1	1.8	1.5	2.3	1.3	0.4	0.1	0.1	0.7	14.0	199
0.5 - 1.4	4.3	6.7	7.2	6.3	8.6	9.6	7.4	0.7	-	0.3	1.4	0.7	53.2	758
1.5 - 2.4	1.9	2.0	2.0	5.0	3.2	5.3	5.8	0.6	-	-	-	0.1	25.7	366
2.5 - 3.4	0.1	-	0.8	0.5	0.2	2.5	1.9	0.1	-	-	-	-	6.2	88
3.5 - 4.4	-	-	0.1	0.1	0.1	0.4	0.1	-	-	-	-	-	0.9	13
TOTAL %	7.4	9.9	12.6	13.0	13.8	19.4	17.5	2.7	0.4	0.4	1.5	1.5	100.0	
TOTAL N	105	141	180	185	197	276	249	38	6	5	21	21		1424

(\* < 0.05%)



STATION: 42040

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	0.1	0.3	1.0	1.2	1.6	1.2	0.3	0.4	0.3	0.1	-	0.1	6.6	97
0.5 - 1.4	6.0	8.9	11.3	10.7	7.4	7.5	3.6	2.8	2.4	0.4	0.9	4.3	66.2	976
1.5 - 2.4	2.9	1.8	2.0	2.6	1.7	4.6	0.9	0.3	0.3	0.2	0.4	3.5	21.4	315
2.5 - 3.4	0.5	0.5	0.1	0.6	0.4	0.8	-	-	0.6	0.3	0.9	0.8	5.6	83
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	0.3	0.3	4
TOTAL %	9.5	11.7	14.4	15.1	11.1	14.1	4.9	3.5	3.7	0.9	2.3	8.9	100.0	
TOTAL N	140	172	213	222	163	208	72	52	54	14	34	131		1475

(\* < 0.05%)

STATION: 42040

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	0.9	0.5	1.2	1.1	2.2	4.3	3.9	1.8	1.4	0.5	0.6	0.6	19.0	2115
0.5 - 1.4	3.5	4.9	6.3	8.2	8.0	10.5	8.0	4.5	2.1	1.2	1.1	1.6	60.0	6671
1.5 - 2.4	1.3	1.5	1.6	2.9	2.9	3.2	1.9	0.4	0.1	*	0.2	1.1	17.0	1893
2.5 - 3.4	0.1	0.2	0.2	0.7	0.6	0.6	0.6	0.2	0.1	*	0.2	0.2	3.6	405
3.5 - 4.4	-	-	*	*	0.1	0.1	*	*	-	-	-	*	0.3	32
TOTAL %	5.8	7.2	9.2	13.0	13.7	18.7	14.4	7.0	3.7	1.8	2.0	3.5	100.0	
TOTAL N	643	795	1028	1442	1527	2084	1600	775	411	196	224	391		11116

(\* < 0.05%)

STATION: 42040

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

Months: DEC, JAN, FEB (Winter)

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	1.2	0.9	1.1	1.2	1.8	0.5	0.3	*	-	0.3	8.1	232
0.5 - 1.4	6.4	8.8	10.4	8.8	7.0	12.4	5.4	1.6	2.0	0.6	0.9	3.9	68.3	1965
1.5 - 2.4	2.4	1.6	1.8	1.9	2.4	4.2	1.1	0.2	0.2	0.1	0.3	3.1	19.3	557
2.5 - 3.4	0.4	0.5	*	0.3	0.2	0.8	0.4	-	0.3	0.1	0.5	0.6	4.2	121
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	4
TOTAL %	9.7	11.1	13.5	12.0	10.8	18.5	8.6	2.3	2.8	0.9	1.7	8.0	100.0	
TOTAL N	278	321	388	346	312	534	249	65	82	25	48	231		2879

(\* < 0.05%)

STATION: 42040

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

Months: MAR, APR, MAY (Spring)

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	1.4	0.5	0.8	0.5	0.8	2.2	3.1	2.0	2.4	0.3	0.9	0.8	15.8	347
0.5 - 1.4	3.8	3.0	3.4	3.3	10.8	12.7	11.0	10.2	2.1	0.5	0.4	1.0	62.2	1368
1.5 - 2.4	1.1	1.7	1.3	1.8	4.1	3.8	2.2	0.7	0.1	0.1	0.5	1.2	18.7	410
2.5 - 3.4	-	0.2	*	0.5	0.5	0.1	1.0	0.3	-	-	0.2	0.3	3.2	70
3.5 - 4.4	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	6.3	5.4	5.5	6.3	16.2	18.8	17.2	13.2	4.7	0.9	2.0	3.3	100.0	
TOTAL N	139	119	121	139	357	413	378	291	103	20	45	73		2198

(\* < 0.05%)

STATION: 42040

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

Months: JUN, JUL, AUG (Summer)

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	0.9	1.6	3.2	10.8	6.5	3.0	2.3	1.8	1.2	0.6	32.8	774
0.5 - 1.4	1.2	1.1	3.6	5.8	6.9	11.8	13.0	5.1	3.1	3.7	2.6	1.3	59.2	1396
1.5 - 2.4	-	-	*	0.7	1.4	2.0	1.5	0.6	-	-	-	-	6.3	148
2.5 - 3.4	-	-	-	*	0.7	-	-	0.4	-	-	-	-	1.1	27
3.5 - 4.4	-	-	-	-	0.5	-	-	*	-	-	-	-	0.5	12
TOTAL %	1.7	1.6	4.5	8.1	12.7	24.6	21.0	9.2	5.5	5.5	3.8	1.9	100.0	
TOTAL N	40	37	106	192	299	579	495	216	129	130	90	44		2357

(\* < 0.05%)

STATION: 42040

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

Months: SEP, OCT, NOV (Autumn)

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	1.1	0.8	1.5	1.4	3.1	3.9	4.4	2.0	1.1	0.1	0.5	0.7	20.7	762
0.5 - 1.4	2.6	5.4	6.7	12.3	7.8	6.9	5.0	3.1	1.5	0.4	0.6	0.4	52.7	1942
1.5 - 2.4	1.3	2.3	2.6	5.6	3.4	3.0	2.7	0.3	-	-	-	*	21.1	778
2.5 - 3.4	0.1	0.2	0.4	1.5	0.8	1.1	0.9	*	-	-	-	-	5.1	187
3.5 - 4.4	-	-	0.1	0.1	0.1	0.2	*	-	-	-	-	-	0.4	13
TOTAL %	5.1	8.6	11.2	20.8	15.2	15.2	13.0	5.5	2.6	0.6	1.1	1.2	100.0	
TOTAL N	186	318	413	765	559	558	478	203	97	21	41	43		3682

(\* < 0.05%)

Summary complete: 09-Sep-2003 02:15:03