

STATION: 46042

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (6/1987 - 12/2001) (102794 RECORDS, 90.1% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	5	#	-	-	10	999
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	16	999	16	999	-	-	33	999
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	#	4	999	36	998	35	998	-	-	79	999
18	-	-	6	#	3	#	-	-	8	#	10	#	5	#	41	999	114	999	266	994	221	994	-	-	674	999
17	-	-	23	999	13	999	10	#	36	999	75	999	182	999	331	995	466	987	553	966	326	970	11	#	2026	992
16	11	#	107	996	81	998	121	999	190	994	131	990	827	981	1191	961	1427	938	985	908	286	934	30	999	5387	973
15	66	999	263	980	323	987	361	982	311	968	557	974	1518	895	2385	839	2499	787	1857	805	650	903	155	996	10945	920
14	551	991	513	942	768	945	879	931	1030	925	1752	908	2923	738	3634	595	2650	523	2693	610	1736	833	967	979	20096	814
13	2018	925	1455	867	1636	845	1871	808	1918	783	2998	699	3193	436	1942	222	1808	242	2261	328	2964	644	2260	878	26324	618
12	2150	682	1604	656	1436	632	1909	545	1701	519	1851	342	782	105	211	23	393	51	672	90	1757	322	2569	641	17035	362
11	2370	424	1653	423	2083	445	1450	277	1713	284	919	122	233	24	17	2	88	9	185	20	948	131	2090	371	13749	196
10	781	140	813	182	1061	173	440	73	334	48	94	12	1	*	-	-	-	-	5	1	239	28	728	152	4496	63
9	313	46	307	64	230	35	73	12	14	2	10	1	-	-	-	-	-	-	-	-	20	2	387	75	1354	19
8	69	9	98	20	31	5	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	139	35	346	6
7	3	*	19	5	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	97	20	127	2
6	-	-	11	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	10	46	1
5	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	6	20	1
4	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	4	32	*
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	1	12	*
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
1	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	11.7		11.8		11.9		12.3		12.4		12.9		13.8		14.3		14.4		14.2		13.2		11.8		13.0	
S.D.	1.3		1.6		1.5		1.4		1.4		1.2		1.2		1.1		1.3		1.5		1.7		1.6		1.8	
TOTAL	8332		6879		7673		7123		7255		8397		9664		9756		9450		9535		9203		9527		102794	
MAX	15.9		18.4		17.8		17.2		18.3		18.0		17.6		19.4		19.9		21.6		21.4		16.9		21.6	
DATE	1996011300		1992022801		1996030822		1996042419		1996051900		1992062621		1995071923		1991081322		1990092220		1996100901		1996111000		1996120118		1996100901	
MIN	7.4		0.5		7.0		7.8		8.6		9.0		10.3		10.6		10.5		9.8		8.6		2.5		0.5	
DATE	1989010818		2001020913		1999031111		1999040323		1991050116		1991060507		1994070717		1987080315		1988092410		1994101816		2000111012		1990122117		2001020913	

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

STATION: 46042

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (6/1987 - 12/2001) (91484 RECORDS, 80.2% 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	
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	#	34	#	-	-	-	-	-	-	-	53	#
18	-	-	-	-	-	-	-	-	-	-	1	#	1	#	196	998	441	996	131	#	-	-	-	-	770	999	
17	-	-	-	-	-	-	-	-	-	1	999	52	999	308	976	794	946	535	984	-	-	-	-	-	1690	991	
16	-	-	-	-	-	-	-	-	11	#	51	999	370	994	1534	942	1641	855	1227	917	66	#	-	-	4900	973	
15	-	-	2	#	7	#	10	#	39	998	494	993	1346	953	2157	772	1993	667	2209	763	87	991	30	#	8374	919	
14	99	#	184	999	440	999	201	999	561	993	1485	929	2719	802	2333	533	2448	440	1928	486	1625	978	1099	996	15122	827	
13	2732	986	1608	969	1150	936	2486	970	2384	916	2153	736	2825	496	1758	275	1214	160	1679	245	3662	748	2918	859	26569	662	
12	2878	588	2481	700	3031	770	2520	613	1853	587	1719	455	1208	180	561	81	174	21	203	34	1467	230	2464	496	20559	372	
11	1158	169	1627	285	2006	335	1719	252	1990	331	1571	232	357	44	167	18	12	1	71	9	160	23	1514	189	12352	147	
10	-	-	73	12	324	47	42	6	411	57	210	27	35	4	-	-	-	-	-	-	-	-	-	-	-	1095	12
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	12.2		12.0		11.9		12.1		12.1		12.6		13.5		14.3		14.9		14.5		13.0		12.4		13.0		
S.D.	0.7		0.8		0.9		0.8		1.1		1.3		1.2		1.4		1.4		1.3		0.8		0.9		1.5		
TOTAL	6867		5975		6958		6978		7249		7685		8913		9033		8751		7983		7067		8025		91484		
MAX	14.1		14.9		15.0		14.9		16.0		17.5		17.6		18.8		19.1		18.3		16.0		14.9		19.1		
DATE	1996010300		1996021400		1995032921		1989041000		1997053123		2000061822		1990070521		1997082719		1990092300		1997100323		1989110300		1989120101		1990092300		
MIN	10.5		10.2		9.5		10.1		9.5		9.7		9.7		10.8		11.3		10.9		10.8		10.5		9.5		
DATE	1989011220		1990022118		1997031703		1988040916		1991051907		1996062113		1994070110		2000080116		2001090116		1996102814		2000112401		1999121918		1997031703		

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

STATION: 46042

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (6/1987 - 12/2001) (81037 RECORDS, 71.0% HAVE ELEMENT)

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
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TOTAL	9059	7938	9158	8356	7981	8412	9938	10101	10162	10149	9200	10224	110678
MAX	1034.0	1032.3	1030.1	1028.2	1027.7	1023.9	1022.5	1022.0	1022.6	1025.9	1031.1	1033.4	1034.0
DATE	1989010818	1999022219	1993030419	1989040319	1988050118	1992061219	1989071219	1993081019	1988092717	1989102618	1999112418	1998122419	1989010818
MIN	990.3	993.3	991.0	1004.2	1004.1	1004.9	1007.8	1005.6	1004.1	1002.0	999.6	993.6	990.3
DATE	1988011716	1991022812	1991030111	1988042002	1995051322	2000061702	1987070911	1995081003	1998090302	1994100412	2001112416	1987121614	1988011716

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

STATION: 46042

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (6/1987 - 12/2001) (109750 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		
39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#
38	-	-	-	-	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
37	1	#	1	#	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	4	999	
36	1	999	-	-	5	999	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	999	
35	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	2	999	6	999	
34	2	999	2	999	2	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	8	999	
33	9	999	3	999	3	999	4	999	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	12	999	32	999	
32	3	998	2	999	6	999	3	999	-	-	-	-	-	-	-	-	-	-	-	-	4	999	2	998	20	999		
31	12	998	10	999	5	998	6	999	-	-	-	-	-	-	-	-	-	-	-	-	2	999	20	998	55	999		
30	9	997	18	998	15	997	3	998	-	-	-	-	-	-	-	-	-	-	-	-	4	999	14	996	63	999		
29	15	996	17	995	15	996	4	998	1	#	1	999	-	-	-	-	-	-	-	-	8	999	30	995	91	998		
28	14	994	20	993	19	994	11	997	1	999	1	999	1	#	-	-	-	-	-	-	14	998	26	992	107	997		
27	29	992	33	991	46	992	28	996	13	999	2	999	1	999	2	#	-	-	14	#	18	996	54	989	240	996		
26	51	989	47	987	39	987	41	993	19	998	16	999	6	999	2	999	-	-	14	999	45	994	39	984	319	994		
25	59	984	58	981	65	983	67	988	29	996	34	998	22	999	9	999	1	#	21	997	55	990	55	980	475	991		
24	75	977	64	973	65	976	102	980	59	993	66	993	14	997	11	999	3	999	39	995	78	984	63	975	639	987		
23	101	969	92	965	116	969	172	968	108	986	130	986	52	995	40	998	10	999	55	991	72	975	126	969	1074	981		
22	114	958	120	954	142	956	209	948	134	974	125	970	59	990	66	993	17	999	64	985	145	967	124	956	1319	971		
21	162	945	160	939	252	941	242	924	267	958	237	955	172	984	109	987	38	997	95	978	159	952	216	944	2109	959		
20	153	927	165	919	236	913	269	895	231	928	268	927	175	966	144	976	57	993	139	968	181	934	179	923	2197	940		
19	290	910	261	898	439	887	429	864	412	901	442	896	320	948	282	961	138	987	224	954	246	915	349	906	3832	920		
18	286	878	265	865	414	839	377	814	415	854	463	843	344	915	320	932	177	972	241	930	262	888	320	872	3884	885		
17	234	847	257	831	405	794	417	770	429	807	469	789	356	879	369	899	187	953	252	905	290	859	278	840	3943	850		
16	362	821	340	799	522	750	494	721	543	758	545	733	505	842	501	861	284	934	353	879	369	828	355	813	5173	814		
15	391	781	299	756	456	693	440	663	485	696	464	669	410	790	495	810	297	903	400	842	349	788	308	778	4794	767		
14	544	738	422	719	538	643	498	612	510	640	564	614	573	748	607	759	438	872	453	800	468	750	478	748	6093	723		
13	441	678	380	665	477	584	419	554	449	582	444	547	434	688	565	697	403	826	456	752	424	699	393	702	5285	668		
12	609	630	596	618	603	532	603	505	602	530	650	494	706	644	718	639	720	783	635	704	603	653	718	663	7763	619		
11	407	562	433	543	463	467	412	434	455	461	408	417	424	570	525	565	564	707	514	638	485	587	502	593	5592	549		
10	565	518	505	488	530	416	519	386	503	409	435	369	630	527	587	512	615	647	594	584	596	535	646	544	6725	498		
9	465	455	401	424	440	358	416	325	395	352	337	318	449	461	457	452	490	582	496	522	523	470	538	481	5407	436		
8	561	404	514	374	487	310	450	277	474	307	379	278	602	415	570	405	650	530	570	470	634	413	723	428	6614	387		
7	496	342	411	309	417	257	346	224	401	252	350	233	504	353	477	346	557	461	539	410	510	344	489	357	5497	327		
6	570	288	460	257	454	211	394	184	417	206	390	192	655	300	645	297	694	402	691	353	620	289	747	310	6737	277		
5	541	225	466	199	441	162	321	137	435	159	280	145	587	233	542	231	686	329	683	281	624	221	669	237	6275	215		
4	531	165	416	141	370	114	287	100	330	109	331	112	561	172	582	176	730	256	603	209	516	153	654	171	5911	158		
3	350	107	275	88	264	73	190	66	204	71	222	73	338	114	356	116	565	179	468	146	359	97	428	107	4019	104		
2	327	68	211	54	223	45	177	44	216	48	202	47	393	79	388	80	544	119	483	97	269	58	362	65	3795	68		
1	132	32	115	27	120	20	99	23	95	23	72	23	163	38	180	40	314	62	219	46	125	29	163	30	1797	33		
0	158	17	101	13	65	7	102	12	107	12	121	14	205	21	209	21	267	28	224	23	142	15	145	14	1846	17		
MEAN	10.8		11.2		12.1		12.5		11.9		12.3		10.3		10.2		8.4		9.5		10.6		10.6		10.8			
S.D.	6.2		6.2		6.1		6.1		5.8		5.8		5.6		5.4		5.0		5.6		5.9		6.3		5.9			
TOTAL	9073		7940		9161		8554		8739		8449		9661		9758		9446		9539		9200		10230		109750			
MAX	36.7		36.5		37.5		35.8		29.4		33.0		27.8		27.0		24.7		27.4		35.4		38.9		38.9			
DATE	1995010706		1993020510		2001030418		1999040323		2001050201		2000062612		1998071623		1992080321		1998092002		1989102312		1991112916		1987121610		1987121610			
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	2000012210		2001022815		1997032221		1997042119		1997052321		2000061820		2000071320		2001083114		2001092013		2001102802		2001110903		1996122522		2001110903			

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

STATION: 46042

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

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

ELEMENT: PEAK WIND GUST (KNOTS) -- POR: (6/1987 - 12/2001) (109592 RECORDS, 96.1% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF		
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
49	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
48	1	#	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	3	999	



2.0	1831	399	1624	377	1870	384	2007	571	2250	639	2551	681	2736	858	2890	904	2626	837	2633	659	2021	481	1722	368	26761	603	
1.5	1447	194	1037	169	1113	178	2071	335	2355	378	2529	388	3499	569	3987	618	3958	574	2709	397	1749	258	1518	197	27972	361	
1.0	254	32	280	36	454	55	772	91	891	105	808	97	1824	200	2237	223	1734	179	1235	128	582	65	468	46	11539	107	
0.5	32	4	-	-	43	5	-	-	13	2	36	4	69	7	10	1	56	6	53	5	7	1	1	*	320	3	
0.0	-	-	-	-	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*
MEAN		2.7		2.7		2.6		2.3		2.1		2.0		1.7		1.6		1.7		2.1		2.5		2.8		2.2	
S.D.		1.0		1.0		1.0		0.9		0.7		0.7		0.5		0.5		0.6		0.8		1.0		1.1		0.9	
TOTAL		8940		7804		9079		8490		8624		8700		9472		10088		10007		10059		9054		10090		110407	
MAX		9.2		6.5		7.0		6.7		6.5		5.0		3.8		3.9		4.8		6.8		7.6		9.1		9.2	
DATE	1990013107	1997022711	2000030521	1994042607	2001050217	1995060705	1997071110	1993082423	1997092720	1999102822	2001112201	1987121612	1990013107														
MIN		0.6		0.8		0.0		0.8		0.6		0.6		0.3		0.7		0.6		0.5		0.7		0.7		0.0	
DATE	1991013117	1995022423	2000030303	2001041609	1990050518	1992062721	1994072605	2001082301	1992090123	1988103010	1991110301	1996122618	2000030303														

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

STATION: 46042

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

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (9/1987 - 12/2001) (110407 RECORDS, 96.8% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	-	2	#	
15	1	#	-	-	2	#	-	-	-	-	-	-	-	-	5	999	-	-	1	#	2	#	11	999				
14	23	999	-	-	6	999	-	-	-	-	-	-	-	-	26	999	5	#	8	999	25	999	93	999				
13	80	997	30	#	34	999	5	#	-	-	1	#	-	-	55	997	6	999	48	999	87	997	346	999				
12	271	988	152	996	111	995	47	999	1	#	6	999	-	-	5	#	109	991	46	999	163	994	274	989	1185	996		
11	628	958	532	977	348	983	145	994	15	999	3	999	1	#	5	999	135	980	243	994	471	976	774	962	3300	985		
10	1074	888	1031	909	809	945	394	977	94	998	54	999	23	999	7	999	213	967	558	970	815	924	1363	885	6435	955		
9	1620	768	1543	776	1568	856	859	930	452	987	196	993	253	997	132	998	931	946	1307	915	1535	834	1921	750	12317	897		
8	2054	586	1851	579	2534	683	1803	829	1716	935	1335	970	1256	971	1081	985	2130	853	2585	785	2106	664	2622	559	23073	785		
7	1965	357	1739	341	2328	404	2770	617	3233	736	3087	817	3348	838	3175	878	2874	640	2941	528	2267	432	2003	300	31730	576		
6	996	137	836	119	1139	147	2010	291	2538	361	2900	462	3081	485	3943	563	2407	352	1813	235	1388	181	864	101	23915	289		
5	224	26	90	12	181	22	449	54	556	67	1111	129	1451	159	1713	172	1114	112	541	55	252	28	154	15	7836	72		
4	4	*	-	-	16	2	8	1	19	2	7	1	59	6	27	3	6	1	14	1	-	-	1	*	161	1		
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*		
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*		
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*		
0	-	-	-	-	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*		
MEAN		8.3		8.3		7.9		7.3		6.9		6.6		6.5		6.4		7.1		7.5		7.9		8.4		7.4		
S.D.		1.7		1.5		1.4		1.3		1.0		1.0		1.0		0.9		1.5		1.4		1.6		1.6		1.5		
TOTAL		8940		7804		9079		8490		8624		8700		9472		10088		10007		10059		9054		10090		110407		
MAX		14.5		13.2		14.9		13.1		11.5		13.0		10.8		12.1		16.0		14.4		14.7		15.0		16.0		
DATE	2000012916	1995021118	1999032115	1993040413	1993050621	1995061107	1996072415	2001082319	1990092518	1999102817	2001112201	1987122206	1990092518															
MIN		4.3		4.6		0.0		4.3		3.9		4.2		4.0		4.3		4.3		4.1		4.5		4.4		0.0		
DATE	1991013100	1990022015	2000030303	1995040103	1990050600	1990062805	1995072304	1995082919	1990090401	1988103103	1991110304	1996122621	2000030303															

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

STATION: 46042

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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (9/1987 - 12/2001) (110405 RECORDS, 96.8% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
25	8	#	2	#	14	#	-	-	-	-	-	-	-	-	10	#	1	#	1	#	11	#	47	#				
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
20	293	999	256	999	310	998	81	#	71	#	47	#	41	#	58	#	164	999	145	999	158	999	317	999	1941	999		
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	982		
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	982		
17	1265	966	998	967	1164	964	657	990	636	992	522	995	588	996	748	994	821	983	757	985	843	982	1405	967	10404	982		
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	888		
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	888		
14	2634	825	2354	839	2471	836	1642	913	1130	918	675	935	920	934	956	920	1532	901	1696	910	2296	889	3053	828	21359	888		
13	2213	530	2024	537	2278	564	1939	720	1043	787	520	857	309	836	441	825	1152	747	2062	742	2289	636	2640	526	18910	694		
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	523		
11	971	283	1004	278	1281	313	1467	491	1135	666	725	797	442	804	467	782	1180	632	1853	537	1560	383	1274	264	13359	523		
10	529	174	423	149	609	172	1005	318	1499	534	1520	714	1161	757	1027	735	1476	514	1296	352	764	211	654	138	11963	402		
9	359	115	259	95	370	105	661	200	1281	361	1802	539	1923	635	1810	634	1230	367	941	224	443	126	344	73	11423	294		
8	400	75	261	62	313	64	654	122	1171	212	1897	332	2704	431	2877	454	1399	244	850	130	399	77	250	39	13175	190		
7	141	30	113	29	142	30	204	45	379	76	584	114	864	146	998	169	567	104	262	46	186	33	85	14	4525	71		
6	89	14	89	14	72	14	111	21	190	32	321	47	314	55	455	70	345	48	116	19	78	13	45	6	2225	30		
5	31	4	20	3	39	6	57	8	78	10	79	10	158	22	198	25	117	13	62	8	34	4	9	1	882	10		
4	7	1	1	*	12	2	12	1	10	1	8	1	43	5	53	5	14	1	18	2	3	*	3	*	184	2		



	MAXIMUM	15.3	13.7	16.5	13.6	15.0	14.9	17.3	15.2	17.3	19.9	14.9	13.3	19.9
	DAY-HR	18-00	03-21	12-17	18-01	31-20	06-02	24-01	28-23	22-21	08-22	01-00	23-00	OCT
	MINIMUM	9.4	9.0	8.8	9.5	10.2	10.4	10.3	11.4	11.4	9.8	8.7	8.2	8.2
	DAY-HR	16-16	19-13	23-13	12-14	04-16	30-15	07-17	19-06	07-05	18-16	10-07	09-15	DEC
	# OBS	732	646	734	714	740	713	726	731	712	737	716	738	8639
1995	MEAN	12.3	12.3	12.9	11.8	12.0	12.2	14.8	14.1	14.5	14.3	13.3	13.1	13.2
	MAXIMUM	14.5	16.9	15.3	14.4	14.9	15.2	17.6	16.5	17.1	18.3	15.3	15.6	18.3
	DAY-HR	31-21	02-23	30-03	08-01	15-21	30-00	19-23	20-01	19-20	14-01	13-19	26-00	OCT
	MINIMUM	9.4	9.4	9.0	8.2	9.9	10.2	12.6	11.8	12.5	11.3	10.5	10.5	8.2
	DAY-HR	17-20	14-16	24-01	16-01	31-17	08-17	16-11	12-13	20-15	06-16	20-17	21-16	APR
	# OBS	738	666	737	713	738	716	741	734	713	738	711	741	8686
1996	MEAN	13.0	13.8	14.2	14.5	14.6	14.0	15.3	15.9	16.1	17.1	17.2	15.9	15.1
	MAXIMUM	15.9	18.3	17.8	17.2	18.3	16.4	17.3	18.3	19.0	21.6	21.4	16.9	21.6
	DAY-HR	13-00	14-01	08-22	24-19	19-00	27-20	16-06	27-00	15-21	09-01	10-00	01-18	OCT
	MINIMUM	9.7	7.7	11.7	11.8	12.7	12.1	13.3	14.0	13.7	15.2	13.7	14.6	7.7
	DAY-HR	22-08	26-10	26-15	07-16	10-13	02-14	02-16	10-14	09-11	06-17	02-12	02-15	FEB
	# OBS	734	689	738	734	737	720	835	785	709	737	696	42	8156
1998	MEAN	-	-	-	-	-	13.6	13.6	14.1	14.9	13.9	12.7	10.5	13.3
	MAXIMUM	-	-	-	-	-	15.0	16.8	16.0	17.3	18.4	14.9	14.2	18.4
	DAY-HR	-	-	-	-	-	21-23	30-22	04-21	05-19	07-00	26-00	17-08	OCT
	MINIMUM	-	-	-	-	-	12.7	11.3	11.9	12.1	10.3	10.1	4.7	4.7
	DAY-HR	-	-	-	-	-	19-04	07-14	27-13	01-13	19-17	11-01	21-18	DEC
	# OBS	-	-	-	-	-	262	736	787	712	739	715	709	4660
1999	MEAN	11.1	10.6	10.3	9.9	-	-	-	14.5	13.7	13.6	13.0	11.5	12.2
	MAXIMUM	15.2	12.9	12.2	11.9	-	-	-	16.8	16.6	17.1	15.1	16.2	17.1
	DAY-HR	04-04	28-20	03-00	02-21	-	-	-	27-00	09-20	05-20	15-23	20-02	OCT
	MINIMUM	7.9	7.4	7.0	7.8	-	-	-	12.0	11.0	11.1	10.5	8.7	7.0
	DAY-HR	29-16	10-06	11-11	03-23	-	-	-	25-17	30-15	22-16	04-16	30-15	MAR
	# OBS	741	660	720	73	-	-	-	645	714	716	683	733	5685
2000	MEAN	11.6	12.0	11.4	12.1	12.6	13.0	13.5	13.7	15.0	13.9	11.8	12.6	12.8
	MAXIMUM	14.1	16.1	15.7	16.4	14.4	17.3	16.7	16.9	18.4	16.4	14.6	16.1	18.4
	DAY-HR	15-23	20-02	31-22	02-02	24-22	18-21	13-21	29-22	20-00	23-23	04-01	06-00	SEP
	MINIMUM	9.7	8.5	9.1	9.9	10.5	10.6	11.8	11.0	11.1	11.2	8.6	9.7	8.5
	DAY-HR	08-17	24-23	06-01	08-11	31-13	04-14	10-07	02-10	12-16	20-14	10-12	04-15	FEB
	# OBS	697	668	674	654	647	709	741	741	718	731	715	741	8436
2001	MEAN	11.5	11.5	-	-	-	12.8	13.6	13.7	13.8	13.7	13.2	11.9	13.0
	MAXIMUM	14.9	14.9	-	-	-	17.2	15.3	16.5	17.3	18.4	16.2	14.9	18.4
	DAY-HR	04-05	04-23	-	-	-	01-03	10-21	11-00	10-23	14-22	24-16	02-21	OCT
	MINIMUM	8.2	0.5	-	-	-	10.7	11.8	12.1	11.1	10.6	10.3	8.7	0.5
	DAY-HR	24-17	09-13	-	-	-	17-15	27-13	29-19	22-09	26-07	25-14	19-19	FEB
	# OBS	739	264	-	-	-	716	744	686	720	742	718	743	6072
POR	MEAN	11.7	11.8	11.9	12.3	12.4	12.9	13.8	14.3	14.4	14.2	13.2	11.8	13.0
	MAXIMUM	15.9	18.4	17.8	17.2	18.3	18.0	17.6	19.4	19.9	21.6	21.4	16.9	21.6
	YEAR	1996	1992	1996	1996	1996	1992	1995	1991	1990	1996	1996	1996	OCT/1996
	MINIMUM	7.4	0.5	7.0	7.8	8.6	9.0	10.3	10.6	10.5	9.8	8.6	2.5	0.5
	YEAR	1989	2001	1999	1999	1991	1991	1994	1987	1988	1994	2000	1990	FEB/2001
	# OBS	8332	6879	7673	7123	7255	8397	9664	9756	9450	9535	9203	9527	102794

STATION: 46042 -- POR (6/1987 - 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
1987	MEAN	-	-	-	-	-	12.7	13.8	14.5	16.0	-	-	12.9	13.6
	MAXIMUM	-	-	-	-	-	14.8	15.9	17.2	18.6	-	-	14.3	18.6
	DAY-HR	-	-	-	-	-	30-01	12-23	10-00	06-22	-	-	10-21	SEP
	MINIMUM	-	-	-	-	-	11.0	12.0	11.7	14.9	-	-	11.3	11.0
	DAY-HR	-	-	-	-	-	26-14	31-13	03-16	11-04	-	-	30-07	JUN
	# OBS	-	-	-	-	-	301	727	239	196	-	-	688	2151
1988	MEAN	11.9	11.6	11.6	11.8	11.7	12.6	13.2	15.0	14.2	13.6	13.0	11.7	12.7
	MAXIMUM	12.6	12.8	12.5	14.0	14.0	14.4	16.0	18.2	15.9	15.6	14.3	13.2	18.2
	DAY-HR	10-00	27-01	18-00	29-19	08-22	21-21	25-23	06-21	01-03	07-23	16-00	01-00	AUG
	MINIMUM	11.2	10.9	10.1	10.1	10.5	11.3	10.9	12.5	12.4	12.0	12.0	10.5	10.1
	DAY-HR	31-17	08-11	31-17	09-16	26-06	02-12	04-10	26-09	28-08	28-15	09-17	29-14	APR
	# OBS	708	630	692	651	700	685	716	726	695	712	679	710	8304
1989	MEAN	10.9	-	11.9	12.8	12.5	13.8	12.6	14.4	14.9	15.5	13.9	14.0	13.6
	MAXIMUM	11.7	-	12.8	14.9	15.2	15.9	15.1	15.9	16.7	16.8	16.0	14.9	16.8
	DAY-HR	04-23	-	28-23	10-00	22-21	22-21	01-00	19-01	30-19	06-23	03-00	01-01	OCT
	MINIMUM	10.5	-	11.4	11.8	10.9	11.9	10.5	11.4	14.1	14.1	12.6	12.9	10.5



	DAY-HR	12-20	-	17-17	12-19	19-16	08-11	28-21	03-10	03-15	19-18	29-06	13-17	JUL
	# OBS	290	-	433	717	735	712	738	734	713	739	720	738	7269
1990	MEAN	13.0	11.5	11.7	12.4	12.3	12.6	14.2	15.6	16.0	14.8	12.7	12.5	13.3
	MAXIMUM	14.1	12.9	12.5	13.6	14.1	15.8	17.6	17.6	19.1	18.1	14.9	14.1	19.1
	DAY-HR	01-02	23-00	31-00	20-22	31-23	22-22	05-21	28-00	23-00	01-01	01-10	13-11	SEP
	MINIMUM	12.1	10.2	10.5	11.0	10.5	10.3	12.2	13.6	12.6	12.1	11.3	11.4	10.2
	DAY-HR	31-03	21-18	12-08	03-16	19-09	14-15	13-11	06-16	17-18	24-17	06-15	31-10	FEB
	# OBS	739	666	737	713	730	712	740	743	719	742	716	743	8700
1991	MEAN	12.1	12.2	11.7	11.5	10.7	11.6	13.6	15.1	15.5	15.3	-	-	12.7
	MAXIMUM	12.8	12.9	12.8	12.8	12.1	14.1	16.3	18.1	17.5	15.9	-	-	18.1
	DAY-HR	16-23	25-02	09-01	25-23	02-00	29-20	30-22	12-23	03-02	01-00	-	-	AUG
	MINIMUM	11.4	11.7	11.0	10.6	9.5	10.2	11.7	12.6	12.6	14.9	-	-	9.5
	DAY-HR	02-13	01-18	29-18	14-15	19-07	13-09	15-15	31-14	01-05	01-15	-	-	MAY
	# OBS	744	670	743	716	743	719	744	737	717	26	-	-	6559
1994	MEAN	-	-	-	12.5	12.5	12.1	13.2	13.2	14.7	14.6	12.5	12.4	13.1
	MAXIMUM	-	-	-	13.7	15.5	14.5	16.7	15.2	18.2	16.8	14.2	13.4	18.2
	DAY-HR	-	-	-	17-19	31-21	11-03	23-23	23-23	22-21	02-22	01-00	05-05	SEP
	MINIMUM	-	-	-	11.7	10.5	9.7	9.7	10.9	12.5	12.5	11.0	11.3	9.7
	DAY-HR	-	-	-	30-16	30-21	30-20	01-10	17-16	10-09	22-10	29-17	15-16	JUL
	# OBS	-	-	-	576	740	712	719	731	711	738	716	738	6381
1995	MEAN	12.6	13.0	13.5	12.4	12.0	11.8	14.6	14.2	14.2	14.7	13.5	13.1	13.3
	MAXIMUM	13.4	14.2	15.0	14.4	14.8	15.2	16.8	16.0	16.0	15.9	14.2	13.7	16.8
	DAY-HR	31-23	09-22	29-21	01-00	08-23	30-23	23-02	02-09	29-01	13-22	02-08	27-23	JUL
	MINIMUM	11.7	12.5	12.9	10.5	10.2	10.2	12.5	12.4	11.7	13.7	12.3	12.6	10.2
	DAY-HR	02-09	26-19	29-17	21-20	31-16	08-13	30-14	09-05	06-06	30-02	29-14	27-18	JUN
	# OBS	737	666	737	713	738	716	741	734	712	738	711	741	8684
1996	MEAN	12.8	13.1	13.0	12.5	11.6	11.0	13.0	13.3	13.6	14.5	12.4	12.1	12.7
	MAXIMUM	14.1	14.9	14.6	14.4	15.2	14.5	14.9	14.9	15.6	18.0	13.7	13.3	18.0
	DAY-HR	03-00	14-00	19-02	21-22	19-00	27-21	17-02	06-22	11-22	10-21	10-00	18-01	OCT
	MINIMUM	11.4	11.7	11.4	10.8	10.3	9.7	10.6	11.7	11.8	10.9	11.3	11.0	9.7
	DAY-HR	29-19	02-00	27-09	28-13	31-14	21-13	06-12	02-12	05-06	28-14	02-08	05-15	JUN
	# OBS	734	689	738	734	737	720	835	785	709	737	696	741	8855
1997	MEAN	12.7	12.2	11.0	11.9	13.2	13.7	13.5	16.1	17.1	16.2	-	-	13.7
	MAXIMUM	13.4	13.4	13.3	14.1	16.0	16.0	15.7	18.8	18.8	18.3	-	-	18.8
	DAY-HR	30-01	08-00	19-00	21-20	31-23	01-03	29-00	27-19	15-00	03-23	-	-	SEP
	MINIMUM	12.1	10.6	9.5	10.6	10.6	11.7	11.3	13.6	14.5	14.1	-	-	9.5
	DAY-HR	18-18	28-23	17-03	11-19	08-04	08-16	02-14	05-15	19-16	14-17	-	-	MAR
	# OBS	738	657	743	714	738	719	733	742	720	621	-	-	7125
1998	MEAN	-	-	-	-	-	14.4	13.7	15.2	15.7	14.3	13.2	11.8	14.0
	MAXIMUM	-	-	-	-	-	16.8	17.2	16.8	17.3	16.8	14.2	13.3	17.3
	DAY-HR	-	-	-	-	-	21-22	27-00	04-19	14-00	07-01	07-20	03-09	SEP
	MINIMUM	-	-	-	-	-	13.3	11.3	13.7	14.1	12.5	12.5	10.5	10.5
	DAY-HR	-	-	-	-	-	27-17	17-14	07-23	10-04	20-17	30-13	28-17	DEC
	# OBS	-	-	-	-	-	262	736	787	712	739	715	709	4660
1999	MEAN	11.7	11.4	11.3	11.0	-	-	-	14.3	13.8	14.4	12.8	11.4	12.6
	MAXIMUM	12.8	12.5	12.6	11.3	-	-	-	16.7	16.4	16.7	14.1	12.5	16.7
	DAY-HR	21-23	28-23	24-00	03-01	-	-	-	27-01	13-22	04-22	12-22	01-04	OCT
	MINIMUM	10.8	11.0	10.6	10.3	-	-	-	12.1	12.2	12.7	11.8	10.5	10.3
	DAY-HR	05-09	13-09	10-18	04-00	-	-	-	29-13	06-05	30-03	28-15	19-18	APR
	# OBS	741	660	720	73	-	-	-	645	714	716	683	732	5684
2000	MEAN	11.5	12.1	11.6	11.9	12.7	12.8	12.8	12.9	14.6	13.7	12.1	12.5	12.6
	MAXIMUM	12.2	12.9	12.9	14.2	15.8	17.5	16.6	16.5	17.3	16.0	13.3	13.6	17.5
	DAY-HR	22-23	17-23	11-00	02-23	13-22	18-22	13-22	29-23	20-00	02-23	16-01	15-00	JUN
	MINIMUM	11.0	11.8	10.3	10.6	10.9	10.2	11.1	10.8	12.5	11.3	10.8	11.1	10.2
	DAY-HR	18-17	06-17	31-12	07-18	31-12	04-18	28-13	01-16	09-13	22-17	24-01	02-15	JUN
	# OBS	697	668	674	654	646	709	740	742	718	733	713	742	8436
2001	MEAN	11.9	11.1	11.7	11.4	11.4	12.9	13.7	12.8	13.6	13.7	13.5	12.0	12.5
	MAXIMUM	12.6	12.2	12.9	12.7	13.8	15.1	15.8	15.7	16.0	16.1	14.6	13.4	16.1
	DAY-HR	06-22	27-21	20-21	17-22	31-21	01-04	10-00	11-00	11-21	14-22	21-00	07-00	OCT
	MINIMUM	11.3	10.6	10.8	10.6	9.7	11.1	11.4	11.0	11.3	12.2	12.5	11.0	9.7
	DAY-HR	31-18	17-21	05-08	27-18	02-17	18-16	16-19	29-18	01-16	27-15	12-01	23-16	MAY
	# OBS	739	669	741	717	742	718	744	688	715	742	718	743	8676
POR	MEAN	12.2	12.0	11.9	12.1	12.1	12.6	13.5	14.3	14.9	14.5	13.0	12.4	13.0
	MAXIMUM	14.1	14.9	15.0	14.9	16.0	17.5	17.6	18.8	19.1	18.3	16.0	14.9	19.1
	YEAR	1996	1996	1995	1989	1997	2000	1990	1997	1990	1997	1989	1989	SEP/1990
	MINIMUM	10.5	10.2	9.5	10.1	9.5	9.7	9.7	10.8	11.3	10.9	10.8	10.5	9.5
	YEAR	1989	1990	1997	1988	1991	1996	1994	2000	2001	1996	2000	1999	MAR/1997
	# OBS	6867	5975	6958	6978	7249	7685	8913	9033	8751	7983	7067	8025	91484

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1999	MEAN	-	-	-	-	-	-	-	12.8	12.0	11.9	10.9	7.9	11.0
	MAXIMUM	-	-	-	-	-	-	-	15.2	14.4	15.2	13.2	11.5	15.2
	DAY-HR	-	-	-	-	-	-	-	11-18	26-21	06-11	13-01	07-09	OCT
	MINIMUM	-	-	-	-	-	-	-	9.9	10.0	8.4	4.3	1.4	1.4
	DAY-HR	-	-	-	-	-	-	-	31-20	17-16	30-18	22-20	03-16	DEC
	# OBS	-	-	-	-	-	-	-	645	714	716	683	731	3489
2000	MEAN	9.2	9.1	7.5	9.1	10.1	11.2	11.8	12.2	13.2	11.3	8.7	9.0	10.2
	MAXIMUM	12.7	13.0	11.5	12.9	13.8	13.9	13.4	15.1	16.6	14.8	12.3	13.1	16.6
	DAY-HR	19-17	14-03	16-15	03-00	08-18	19-00	13-20	31-21	20-01	01-20	29-23	15-14	SEP
	MINIMUM	2.5	2.7	1.8	4.6	5.2	7.7	9.4	10.1	10.4	2.2	4.0	0.0	0.0
	DAY-HR	06-12	24-15	07-11	28-12	10-23	10-17	04-18	17-16	14-03	23-19	13-13	18-12	DEC
	# OBS	696	668	671	652	647	709	740	741	718	732	714	742	8430
2001	MEAN	6.8	7.3	-	-	-	10.9	11.9	12.5	12.6	12.2	10.9	8.8	10.6
	MAXIMUM	12.0	14.9	-	-	-	15.1	14.7	15.3	15.1	14.8	15.7	13.9	15.7
	DAY-HR	10-21	12-10	-	-	-	28-05	30-19	24-00	30-23	15-10	22-14	02-14	NOV
	MINIMUM	-4.5	-1.5	-	-	-	8.4	9.3	10.5	9.8	7.7	0.5	2.9	-4.5
	DAY-HR	16-15	09-11	-	-	-	13-14	11-18	13-15	06-16	25-04	27-17	14-22	JAN
	# OBS	739	278	-	-	-	437	743	686	720	742	717	743	5805
POR	MEAN	8.0	8.6	7.5	9.1	10.1	11.1	11.8	12.5	12.6	11.8	10.2	8.6	10.5
	MAXIMUM	12.7	14.9	11.5	12.9	13.8	15.1	14.7	15.3	16.6	15.2	15.7	13.9	16.6
	YEAR	2000	2001	2000	2000	2000	2001	2001	2001	2000	1999	2001	2001	SEP/2000
	MINIMUM	-4.5	-1.5	1.8	4.6	5.2	7.7	9.3	9.9	9.8	5.2	0.5	0.0	-4.5
	YEAR	2001	2001	2000	2000	2000	2000	2001	1999	2001	2000	2001	2000	JAN/2001
	# OBS	1435	946	671	652	647	1146	1483	2072	2152	2190	2114	2216	17724

STATION: 46042 -- POR (6/1987 - 12/2001)

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1987	MEAN	-	-	-	-	-	1015.6	1013.8	1012.2	1015.6	-	-	1018.4	1015.5
	MAXIMUM	-	-	-	-	-	1020.1	1018.0	1014.8	1020.5	-	-	1028.5	1028.5
	DAY-HR	-	-	-	-	-	18-20	18-20	10-19	10-17	-	-	31-19	DEC
	MINIMUM	-	-	-	-	-	1011.7	1007.8	1009.4	1012.4	-	-	993.6	993.6
	DAY-HR	-	-	-	-	-	23-02	09-11	06-02	05-13	-	-	16-14	DEC
	# OBS	-	-	-	-	-	301	728	239	196	-	-	689	2153
1988	MEAN	1020.6	1019.8	1020.7	1015.7	1017.5	1015.3	1014.9	1012.8	1013.8	1016.3	1019.4	1020.6	1017.3
	MAXIMUM	1031.1	1028.1	1030.0	1025.6	1027.7	1022.0	1020.2	1018.1	1022.6	1023.5	1027.4	1029.5	1031.1
	DAY-HR	20-19	05-19	09-19	30-19	01-18	08-18	12-19	03-20	27-17	08-18	29-18	29-19	JAN
	MINIMUM	990.3	1011.4	1012.0	1004.2	1010.9	1009.4	1009.1	1006.3	1007.3	1011.1	1007.4	1006.7	990.3
	DAY-HR	17-16	28-04	31-03	20-02	29-03	24-11	01-03	31-11	20-12	21-00	25-07	24-13	JAN
	# OBS	708	630	692	652	700	685	716	726	695	712	679	710	8305
1989	MEAN	1024.0	-	1021.1	1018.1	1018.8	1016.3	1017.7	1015.4	1015.1	1018.3	1019.5	1021.8	1018.3
	MAXIMUM	1034.0	-	1028.3	1028.2	1025.7	1021.1	1022.5	1019.7	1021.1	1025.9	1027.0	1028.8	1034.0
	DAY-HR	08-18	-	13-19	03-19	23-19	12-15	12-19	12-19	30-18	26-18	27-07	23-07	JAN
	MINIMUM	1014.9	-	1011.4	1009.5	1012.1	1005.6	1012.7	1010.6	1009.6	1012.2	1008.5	1013.0	1005.6
	DAY-HR	04-16	-	16-12	09-03	09-12	23-11	10-03	25-13	17-12	02-12	26-01	16-23	JUN
	# OBS	292	-	433	717	735	716	741	734	714	740	720	738	7280
1990	MEAN	1021.2	1022.6	1020.3	1017.9	1016.7	1017.2	1015.2	1016.0	1015.7	1016.8	1020.1	1020.8	1018.4
	MAXIMUM	1031.9	1029.8	1028.7	1025.8	1021.0	1022.6	1019.5	1020.4	1020.2	1021.8	1027.7	1029.2	1031.9
	DAY-HR	04-19	09-20	14-17	09-18	24-19	03-20	05-19	27-18	07-17	09-17	22-19	02-19	JAN
	MINIMUM	1008.6	1007.5	1013.5	1007.8	1006.2	1010.2	1009.3	1011.7	1008.4	1010.9	1010.7	1008.3	1006.2
	DAY-HR	13-11	16-21	11-05	16-13	28-07	09-13	15-12	24-02	21-00	03-02	20-00	19-22	MAY
	# OBS	739	666	737	713	733	713	740	743	718	742	716	742	8702
1991	MEAN	1021.3	1019.3	1015.1	1019.8	1017.6	1015.4	1015.6	1016.3	1014.5	1015.3	1019.8	1017.6	1017.3
	MAXIMUM	1030.0	1029.2	1025.9	1027.1	1024.0	1021.1	1020.6	1020.9	1020.8	1023.1	1029.0	1026.9	1030.0
	DAY-HR	12-18	19-20	11-20	02-19	05-16	19-20	16-19	21-19	30-19	31-18	19-20	02-18	JAN
	MINIMUM	1010.8	993.3	991.0	1013.0	1010.2	1008.4	1009.3	1010.1	1008.6	1004.8	1011.8	1001.1	991.0
	DAY-HR	09-14	28-12	01-11	20-12	31-23	28-13	05-11	11-02	06-00	21-02	15-00	29-14	MAR
	# OBS	744	670	743	716	743	719	744	737	717	741	717	735	8726
1992	MEAN	1018.9	1015.5	1014.6	1017.4	1014.9	1014.0	1015.7	1015.9	1014.5	1015.4	1020.2	1017.8	1016.2
	MAXIMUM	1026.4	1026.8	1024.2	1022.3	1021.8	1023.9	1019.6	1021.1	1020.5	1022.5	1029.9	1027.1	1029.9
	DAY-HR	22-18	22-19	10-18	17-19	07-19	12-19	25-21	27-18	04-17	22-19	27-17	22-19	NOV

	MINIMUM	1001.0	999.0	1005.9	1011.9	1007.3	1007.1	1011.0	1008.9	1009.4	1005.8	1012.5	1001.8	999.0
	DAY-HR	05-04	10-01	02-15	02-02	10-02	06-02	04-01	24-03	15-12	29-20	08-23	28-22	FEB
	# OBS	740	685	733	718	743	718	740	736	700	723	701	732	8669
1993	MEAN	1015.1	1014.8	1019.9	1019.5	1015.5	1014.4	1014.8	1014.7	1015.4	1016.8	1018.7	1020.8	1016.7
	MAXIMUM	1028.1	1026.0	1030.1	1024.4	1021.3	1021.9	1019.7	1022.0	1020.4	1022.0	1026.6	1031.4	1031.4
	DAY-HR	22-19	01-19	04-19	18-19	07-19	07-20	19-21	10-19	03-19	20-18	19-18	24-18	DEC
	MINIMUM	998.2	995.6	1007.1	1015.7	1009.5	1008.0	1008.3	1010.7	1007.7	1009.5	1009.5	1003.9	995.6
	DAY-HR	14-05	08-13	26-11	20-11	10-11	17-11	04-11	25-03	13-03	29-12	12-14	11-14	FEB
	# OBS	723	633	733	717	736	711	729	729	706	739	715	732	8603
1994	MEAN	1021.5	1018.1	1018.9	1018.2	-	1015.9	1014.4	1015.8	1015.6	1014.4	1019.3	1019.2	1017.9
	MAXIMUM	1028.8	1030.6	1027.0	1022.3	-	1016.5	1018.2	1020.3	1021.0	1022.7	1028.2	1030.6	1030.6
	DAY-HR	29-19	12-19	12-19	03-18	-	30-19	11-21	28-19	14-18	27-19	27-11	08-19	DEC
	MINIMUM	1011.1	998.6	1002.5	1011.5	-	1014.7	1011.0	1011.1	1010.2	1002.0	1007.9	1008.8	998.6
	DAY-HR	24-13	17-09	24-18	09-04	-	30-22	08-12	31-11	30-23	04-12	09-20	24-10	FEB
	# OBS	732	645	735	518	-	8	271	335	711	737	716	738	6146
1995	MEAN	1014.4	1018.5	1015.7	1017.1	1015.1	1015.2	1015.3	1012.3	1014.7	1015.0	1019.3	1019.6	1016.0
	MAXIMUM	1026.4	1027.2	1024.7	1025.2	1021.1	1021.4	1020.4	1018.0	1019.5	1022.7	1025.1	1027.5	1027.5
	DAY-HR	30-19	18-18	18-20	08-21	10-18	05-17	12-21	21-19	12-19	20-19	26-19	14-19	DEC
	MINIMUM	990.8	1005.1	996.7	1009.2	1004.1	1006.7	1008.6	1005.6	1010.3	1008.8	1011.2	1001.4	990.8
	DAY-HR	04-22	14-02	10-19	16-10	13-22	16-11	31-10	10-03	16-01	05-02	01-05	12-15	JAN
	# OBS	738	666	737	713	731	713	741	734	713	729	711	741	8667
1996	MEAN	1019.2	1016.4	1017.5	1018.7	1016.0	1015.0	1014.3	1014.3	1013.4	1015.9	1018.4	1018.0	1016.4
	MAXIMUM	1028.3	1029.0	1025.9	1027.2	1022.7	1020.4	1019.0	1019.0	1019.0	1025.4	1026.0	1029.7	1029.7
	DAY-HR	23-19	06-18	01-19	19-06	10-17	28-19	23-19	20-19	28-17	21-19	07-17	24-08	DEC
	MINIMUM	1000.3	1001.6	1006.6	1004.7	1006.3	1008.8	1009.5	1009.7	1009.1	1006.6	1006.2	1001.1	1000.3
	DAY-HR	31-15	01-00	13-13	01-20	16-10	26-11	09-02	31-23	01-10	30-01	22-01	10-00	JAN
	# OBS	728	689	738	734	737	720	835	785	709	737	696	741	8849
1997	MEAN	1018.2	1020.3	1019.4	1017.8	1016.1	1013.4	1014.8	1015.3	1012.7	1015.5	-	-	1016.3
	MAXIMUM	1028.2	1026.1	1027.3	1025.0	1022.4	1020.3	1020.3	1021.2	1021.3	1023.1	-	-	1028.2
	DAY-HR	06-19	19-19	19-07	01-05	04-19	30-22	31-19	22-19	15-19	12-20	-	-	JAN
	MINIMUM	1003.9	1003.5	1011.2	1007.4	1009.5	1005.0	1011.1	1008.9	1005.0	1009.5	-	-	1003.5
	DAY-HR	13-03	28-02	16-12	04-12	18-12	07-10	04-02	09-12	25-01	06-11	-	-	FEB
	# OBS	738	657	743	714	736	719	733	742	720	621	-	-	7123
1998	MEAN	-	-	-	-	-	1015.6	1015.2	1014.9	1011.5	1016.1	1018.8	1023.5	1016.6
	MAXIMUM	-	-	-	-	-	1018.8	1018.8	1019.1	1019.5	1022.0	1025.9	1033.4	1033.4
	DAY-HR	-	-	-	-	-	30-23	31-19	13-18	18-18	22-19	12-18	24-19	DEC
	MINIMUM	-	-	-	-	-	1012.8	1009.8	1008.9	1004.1	1010.9	1008.7	1013.3	1004.1
	DAY-HR	-	-	-	-	-	25-10	19-02	31-23	03-02	15-13	28-13	01-00	SEP
	# OBS	-	-	-	-	-	262	736	787	712	739	715	709	4660
1999	MEAN	1020.3	1022.2	1017.4	1014.5	-	-	-	1015.0	1013.0	1017.2	1019.8	1023.7	1018.6
	MAXIMUM	1028.7	1032.3	1027.1	1017.2	-	-	-	1020.4	1017.8	1024.6	1031.1	1031.0	1032.3
	DAY-HR	28-19	22-19	28-18	03-09	-	-	-	17-20	25-18	28-19	24-18	24-16	FEB
	MINIMUM	1007.5	1007.8	1006.6	1011.0	-	-	-	1008.4	1008.8	1009.5	1008.3	1015.7	1006.6
	DAY-HR	31-10	09-12	25-04	04-00	-	-	-	27-02	28-02	16-01	07-23	22-01	MAR
	# OBS	741	660	719	73	-	-	-	645	714	716	683	733	5684
2000	MEAN	1021.7	1017.1	1018.6	1018.4	1016.5	1014.8	1016.6	1015.2	1013.5	1015.1	1019.9	1020.9	1017.3
	MAXIMUM	1032.6	1028.6	1028.5	1024.1	1024.2	1021.0	1021.9	1020.4	1020.4	1025.0	1028.4	1030.4	1032.6
	DAY-HR	04-19	01-18	11-08	23-18	11-19	05-19	18-18	19-22	28-18	13-18	18-19	15-18	JAN
	MINIMUM	1011.1	999.1	999.9	1005.0	1010.4	1004.9	1011.6	1010.1	1004.2	1005.1	1009.9	1014.8	999.1
	DAY-HR	16-07	20-22	05-22	17-04	23-10	17-02	31-02	28-02	22-03	26-22	10-02	12-05	FEB
	# OBS	697	668	674	654	646	709	740	742	718	731	713	741	8433
2001	MEAN	1019.6	1016.7	1017.2	1018.4	1015.6	1015.7	1015.4	1015.8	1014.0	1016.6	1017.9	1019.6	1016.9
	MAXIMUM	1029.8	1030.2	1023.7	1027.3	1021.8	1022.0	1019.7	1021.0	1017.5	1022.1	1024.2	1030.5	1030.5
	DAY-HR	17-19	02-18	08-20	22-19	01-06	28-19	08-19	13-18	21-18	29-19	26-19	06-19	DEC
	MINIMUM	1001.9	1002.5	1001.0	1010.1	1011.6	1010.3	1009.5	1007.9	1008.0	1008.2	999.6	1007.3	999.6
	DAY-HR	11-23	13-15	04-22	20-23	21-11	04-13	03-12	29-02	30-13	01-01	24-16	21-08	NOV
	# OBS	739	669	741	717	741	718	744	687	719	742	718	743	8678
POR	MEAN	1019.5	1018.4	1018.1	1018.1	1016.4	1015.2	1015.3	1014.9	1014.1	1016.0	1019.3	1020.2	1017.1
	MAXIMUM	1034.0	1032.3	1030.1	1028.2	1027.7	1023.9	1022.5	1022.0	1022.6	1025.9	1031.1	1033.4	1034.0
	YEAR	1989	1999	1993	1989	1988	1992	1989	1993	1988	1989	1999	1998	JAN/1989
	MINIMUM	990.3	993.3	991.0	1004.2	1004.1	1004.9	1007.8	1005.6	1004.1	1002.0	999.6	993.6	990.3
	YEAR	1988	1991	1991	1988	1995	2000	1987	1995	1998	1994	2001	1987	JAN/1988
	# OBS	9059	7938	9158	8356	7981	8412	9938	10101	10162	10149	9200	10224	110678

STATION: 46042 -- POR (6/1987 - 12/2001)

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

ELEMENT: AVERAGE WIND SPEED (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
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1987	MEAN	-	-	-	-	-	8.6	11.0	5.0	7.9	-	-	13.4	10.5
	MAXIMUM	-	-	-	-	-	25.3	25.3	19.4	21.4	-	-	38.9	38.9
	DAY-HR	-	-	-	-	-	23-02	31-03	01-04	11-02	-	-	16-10	DEC
	MINIMUM	-	-	-	-	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0
	DAY-HR	-	-	-	-	-	29-10	23-19	11-08	06-21	-	-	30-22	DEC
	# OBS	-	-	-	-	-	301	728	239	196	-	-	689	2153
1988	MEAN	9.7	9.9	14.2	9.3	11.9	10.5	8.5	7.3	8.9	6.6	8.2	8.5	9.5
	MAXIMUM	35.0	23.3	27.2	25.3	27.2	25.3	23.3	23.3	23.3	21.4	25.3	27.2	35.0
	DAY-HR	18-07	19-01	31-03	07-23	01-06	28-21	17-00	25-03	28-01	20-00	25-05	24-10	JAN
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	28-02	27-06	31-21	29-05	28-18	22-04	31-23	31-18	26-00	30-18	30-23	30-07	DEC
	# OBS	708	630	692	653	700	685	716	728	695	712	679	710	8308
1989	MEAN	9.6	-	11.8	8.9	13.4	12.7	14.9	8.9	7.6	10.7	10.1	7.9	10.6
	MAXIMUM	23.3	-	24.7	24.5	26.0	26.8	25.7	22.7	19.6	27.4	25.7	23.9	27.4
	DAY-HR	11-01	-	24-10	11-01	28-09	18-00	08-01	31-00	02-02	23-12	26-09	29-10	OCT
	MINIMUM	0.0	-	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	14-03	-	27-16	30-03	07-18	25-13	23-06	27-16	30-06	30-02	29-03	25-07	DEC
	# OBS	296	-	433	717	738	717	741	736	714	740	720	738	7290
1990	MEAN	11.8	12.5	11.8	12.3	11.5	13.6	8.9	8.7	9.8	12.0	11.5	11.9	11.3
	MAXIMUM	29.0	30.1	23.9	29.5	23.1	24.1	23.7	23.5	22.9	25.1	26.2	29.0	30.1
	DAY-HR	02-10	16-20	27-03	30-03	06-21	13-00	03-00	06-01	10-03	02-23	06-15	19-18	FEB
	MINIMUM	0.4	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	24-14	23-15	17-14	16-22	26-11	22-21	30-17	28-08	29-15	30-18	13-10	14-22	DEC
	# OBS	740	666	737	713	734	713	740	743	719	742	717	743	8707
1991	MEAN	8.3	11.0	13.9	14.6	13.7	11.3	8.0	10.8	8.2	10.8	13.1	10.9	11.2
	MAXIMUM	24.9	25.9	34.4	29.5	25.5	22.4	21.6	22.9	19.6	26.2	35.4	31.7	35.4
	DAY-HR	16-05	02-13	17-11	11-04	10-00	01-00	01-00	22-03	29-04	27-13	29-16	29-04	NOV
	MINIMUM	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.2	0.0
	DAY-HR	26-16	04-07	30-14	21-19	13-17	29-17	29-17	12-16	20-17	10-06	24-04	02-06	NOV
	# OBS	744	670	743	717	744	719	744	737	717	742	717	735	8729
1992	MEAN	10.6	11.4	11.1	13.2	9.9	9.9	10.1	12.2	9.0	8.2	11.8	12.0	10.8
	MAXIMUM	30.7	33.2	23.3	27.4	25.7	23.9	22.6	27.0	23.3	26.2	25.3	29.0	33.2
	DAY-HR	05-05	09-23	30-16	22-05	09-20	14-05	24-01	03-21	13-01	29-18	20-06	06-23	FEB
	MINIMUM	0.2	0.8	0.6	0.2	0.0	0.6	0.2	0.6	0.4	0.8	0.4	0.2	0.0
	DAY-HR	20-05	21-18	07-14	16-12	07-01	30-18	11-12	25-20	30-03	19-12	23-20	27-10	MAY
	# OBS	741	686	733	718	743	718	740	737	697	725	705	735	8678
1993	MEAN	12.5	12.2	10.5	13.4	11.3	14.4	10.3	9.9	11.5	9.3	11.0	10.8	11.4
	MAXIMUM	33.4	36.5	24.9	24.3	25.7	25.3	23.5	23.7	23.7	21.6	28.2	30.3	36.5
	DAY-HR	13-00	05-10	26-07	11-07	07-09	23-23	17-01	19-02	10-00	02-01	12-04	11-14	FEB
	MINIMUM	0.2	0.2	0.4	1.2	0.6	1.7	0.2	0.6	0.4	0.0	0.0	0.2	0.0
	DAY-HR	31-22	28-19	23-15	19-18	23-20	19-08	29-11	28-17	13-14	05-19	22-08	24-23	NOV
	# OBS	724	633	733	717	738	714	729	729	713	738	715	732	8615
1994	MEAN	9.6	12.0	11.1	13.7	13.1	15.8	8.8	12.3	7.9	11.2	12.3	10.4	11.5
	MAXIMUM	23.7	33.8	29.5	27.6	26.0	28.8	21.4	23.3	20.6	27.2	28.4	27.0	33.8
	DAY-HR	06-00	17-09	24-16	24-13	14-00	09-00	27-01	16-00	04-00	15-16	09-20	25-14	FEB
	MINIMUM	0.2	0.0	0.6	0.6	0.2	0.8	0.0	0.2	0.0	0.0	0.4	0.4	0.0
	DAY-HR	10-21	27-20	10-19	28-16	15-14	10-16	23-13	22-18	26-21	25-04	23-05	18-14	OCT
	# OBS	733	645	736	714	740	713	726	731	712	737	716	738	8641
1995	MEAN	14.2	8.0	12.9	13.3	10.9	11.4	9.3	8.4	7.7	7.0	7.9	9.5	10.1
	MAXIMUM	36.7	22.2	32.3	31.7	22.0	25.1	21.8	20.6	18.9	21.0	18.3	33.2	36.7
	DAY-HR	07-06	15-02	09-13	18-16	05-12	06-20	30-00	29-22	06-02	13-02	07-02	12-15	JAN
	MINIMUM	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
	DAY-HR	29-23	27-08	18-11	30-17	20-19	29-07	19-22	21-19	22-18	29-07	09-19	01-22	NOV
	# OBS	738	666	738	713	738	716	741	734	712	738	711	741	8686
1996	MEAN	10.3	10.9	10.3	11.6	13.5	13.2	8.9	10.1	5.4	8.8	9.8	7.9	10.1
	MAXIMUM	27.6	27.2	23.9	25.7	24.1	23.5	22.7	22.9	19.2	26.8	24.9	24.7	27.6
	DAY-HR	31-01	04-13	20-02	01-16	24-01	19-01	19-01	22-04	01-01	26-08	17-02	29-19	JAN
	MINIMUM	0.0	0.2	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	13-10	14-02	18-17	15-06	26-18	26-17	22-14	25-16	27-13	31-22	28-15	25-22	DEC
	# OBS	734	689	738	734	737	720	835	783	708	737	696	741	8852
1997	MEAN	9.3	9.7	9.6	12.6	7.6	7.8	-	-	-	-	-	-	9.7
	MAXIMUM	28.2	23.3	23.5	25.3	18.3	11.3	-	-	-	-	-	-	28.2
	DAY-HR	25-13	28-03	12-01	02-13	01-13	26-18	-	-	-	-	-	-	JAN
	MINIMUM	0.0	0.0	0.0	0.0	0.0	5.8	-	-	-	-	-	-	0.0
	DAY-HR	30-23	23-18	22-21	21-19	23-21	01-08	-	-	-	-	-	-	MAY
	# OBS	738	657	743	714	739	44	-	-	-	-	-	-	3635
1998	MEAN	-	-	-	-	-	11.3	12.0	12.5	9.1	11.1	10.8	11.5	11.2
	MAXIMUM	-	-	-	-	-	22.0	27.8	25.7	24.7	27.0	29.9	28.0	29.9
	DAY-HR	-	-	-	-	-	27-03	16-23	29-01	20-02	30-02	30-17	20-23	NOV
	MINIMUM	-	-	-	-	-	0.0	0.2	0.0	0.2	0.0	0.4	0.4	0.0
	DAY-HR	-	-	-	-	-	21-19	22-16	05-17	27-07	07-19	26-00	08-05	OCT
	# OBS	-	-	-	-	-	262	735	787	712	739	714	709	4658

1999	MEAN	11.3	11.4	13.4	17.5	-	-	-	10.3	6.3	9.0	10.2	10.6	10.4
	MAXIMUM	26.4	26.2	30.1	35.8	-	-	-	22.6	19.8	21.6	32.1	25.1	35.8
	DAY-HR	30-19	09-16	27-07	03-23	-	-	-	29-02	01-00	07-05	07-23	11-02	APR
	MINIMUM	0.6	0.6	0.2	3.7	-	-	-	0.0	0.0	0.0	0.2	0.2	0.0
	DAY-HR	30-08	13-06	01-06	02-17	-	-	-	27-06	30-17	05-20	21-09	13-12	OCT
	# OBS	741	660	720	73	-	-	-	644	714	716	683	734	5685
2000	MEAN	10.5	12.1	13.4	12.4	14.7	9.2	13.2	10.4	8.5	9.7	10.0	8.9	11.0
	MAXIMUM	29.7	29.4	31.1	32.9	27.2	33.0	25.7	23.5	21.6	26.4	26.6	22.9	33.0
	DAY-HR	30-17	20-17	05-17	17-04	19-00	26-12	20-03	17-03	06-01	21-15	06-20	16-04	JUN
	MINIMUM	0.0	0.4	0.2	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.0
	DAY-HR	22-10	17-21	10-22	02-11	07-04	18-20	13-20	08-19	19-17	06-19	15-22	21-07	OCT
	# OBS	697	669	674	654	648	709	742	742	717	731	709	742	8434
2001	MEAN	11.3	13.1	13.2	14.3	12.0	15.4	9.8	12.4	9.6	8.8	10.4	14.1	12.0
	MAXIMUM	34.2	31.1	37.5	25.7	29.4	26.8	24.9	24.7	23.9	24.1	30.7	33.8	37.5
	DAY-HR	10-19	07-05	04-18	10-11	02-01	03-20	02-01	15-00	29-23	24-01	29-07	10-18	MAR
	MINIMUM	0.6	0.0	0.4	0.6	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.2	0.0
	DAY-HR	14-11	28-15	23-15	17-19	31-10	26-14	26-04	31-14	20-13	28-02	09-03	05-12	NOV
	# OBS	739	669	741	717	740	718	744	688	720	742	718	743	8679
POR	MEAN	10.8	11.2	12.1	12.5	11.9	12.3	10.3	10.2	8.4	9.5	10.6	10.6	10.8
	MAXIMUM	36.7	36.5	37.5	35.8	29.4	33.0	27.8	27.0	24.7	27.4	35.4	38.9	38.9
	YEAR	1995	1993	2001	1999	2001	2000	1998	1992	1998	1989	1991	1987	DEC/1987
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	2000	2001	1997	1997	1997	2000	2000	2001	2001	2001	2001	1996	NOV/2001
	# OBS	9073	7940	9161	8554	8739	8449	9661	9758	9446	9539	9200	10230	109750

STATION: 46042 -- POR (6/1987 - 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
1987	MEAN	-	-	-	-	-	11.1	13.9	7.1	10.5	-	-	17.5	13.6
	MAXIMUM	-	-	-	-	-	33.0	31.1	25.3	27.2	-	-	50.5	50.5
	DAY-HR	-	-	-	-	-	23-02	31-02	01-03	11-01	-	-	16-10	DEC
	# OBS	-	-	-	-	-	301	727	239	196	-	-	688	2151
1988	MEAN	12.7	12.9	17.8	11.9	15.0	13.4	11.0	9.7	11.6	8.9	11.1	11.4	12.2
	MAXIMUM	44.7	29.2	33.0	31.1	35.0	31.1	27.2	27.2	29.2	27.2	31.1	38.9	44.7
	DAY-HR	18-05	19-00	31-03	08-01	01-05	28-21	17-01	25-03	04-00	20-00	25-05	24-10	JAN
	# OBS	708	630	692	652	700	685	716	726	695	712	679	710	8305
1989	MEAN	12.4	-	14.5	11.1	16.3	15.7	18.4	11.4	9.8	13.5	12.9	10.2	13.3
	MAXIMUM	29.2	-	30.3	29.4	34.0	33.0	32.9	27.8	23.9	36.5	37.1	29.9	37.1
	DAY-HR	11-01	-	24-09	11-02	28-09	18-00	07-22	31-00	02-02	23-16	26-09	29-10	NOV
	# OBS	290	-	432	717	733	711	736	733	713	738	720	737	7260
1990	MEAN	15.2	15.8	14.7	15.2	14.2	16.6	11.1	10.8	12.0	14.7	14.2	14.9	14.1
	MAXIMUM	35.8	40.6	30.1	35.2	27.8	29.5	29.5	28.0	28.6	30.3	33.4	35.2	40.6
	DAY-HR	13-11	16-19	11-09	25-05	06-21	12-23	03-00	06-01	10-02	13-06	20-12	20-01	FEB
	# OBS	739	665	736	713	731	713	740	743	716	742	716	743	8697
1991	MEAN	10.6	13.9	17.4	17.9	16.9	14.0	10.1	13.5	10.9	13.7	16.3	14.0	14.1
	MAXIMUM	31.1	30.7	45.1	34.8	33.2	27.2	25.9	27.6	23.5	33.2	42.6	48.0	48.0
	DAY-HR	16-03	02-13	17-10	11-04	10-00	01-00	15-03	10-05	02-03	27-13	29-16	29-06	DEC
	# OBS	744	670	743	716	743	717	744	737	716	741	717	735	8723
1992	MEAN	13.6	14.3	13.9	16.1	12.5	12.4	12.6	14.9	11.3	10.5	14.5	15.1	13.5
	MAXIMUM	40.6	42.8	30.1	33.0	30.9	30.1	26.8	31.5	28.6	33.0	30.9	38.1	42.8
	DAY-HR	05-05	09-23	05-15	22-04	09-20	14-07	23-23	04-00	13-01	29-18	20-06	12-02	FEB
	# OBS	739	686	732	718	742	718	740	737	694	719	698	731	8654
1993	MEAN	15.6	15.5	13.2	16.6	13.9	17.6	13.0	12.2	14.2	11.4	13.7	13.6	14.2
	MAXIMUM	43.5	48.0	31.5	32.3	31.1	30.7	28.6	29.2	28.6	25.7	35.4	38.5	48.0
	DAY-HR	13-00	05-10	26-07	30-10	07-15	24-00	17-01	19-02	11-12	02-02	12-04	11-14	FEB
	# OBS	715	628	733	715	735	709	725	722	709	737	712	731	8571
1994	MEAN	12.1	15.0	14.0	17.0	16.4	19.3	11.2	15.2	10.3	14.0	15.5	13.5	14.4
	MAXIMUM	30.1	43.4	38.7	35.4	32.3	33.6	26.2	27.6	25.1	36.4	35.0	33.2	43.4
	DAY-HR	24-12	17-09	24-16	24-13	13-21	09-00	29-02	16-00	04-00	15-07	09-20	25-13	FEB
	# OBS	731	641	730	714	739	712	717	731	711	735	716	738	8615
1995	MEAN	18.2	10.3	16.1	16.6	13.7	14.2	11.7	10.7	10.1	9.6	10.4	12.5	12.9
	MAXIMUM	47.0	26.0	44.7	41.0	28.6	31.7	27.0	24.5	22.9	26.2	22.2	42.6	47.0
	DAY-HR	07-01	15-02	09-13	18-16	05-05	06-16	30-00	29-21	15-01	13-00	07-02	12-14	JAN
	# OBS	737	666	738	713	738	716	741	734	712	738	711	741	8685

1996	MEAN	13.1	14.0	12.9	14.5	16.5	16.3	11.6	13.2	7.8	11.7	12.8	10.8	12.9
	MAXIMUM	34.0	33.0	29.4	32.1	30.1	29.5	28.4	27.6	23.7	33.2	31.9	32.5	34.0
	DAY-HR	31-01	04-16	13-00	01-16	24-02	19-01	19-00	01-02	01-01	26-08	20-01	30-01	JAN
	# OBS	734	689	738	734	737	720	835	783	708	737	696	741	8852
1997	MEAN	12.4	12.8	12.6	15.9	9.8	10.1	-	-	-	-	-	-	12.7
	MAXIMUM	34.4	29.2	28.2	31.3	23.3	14.0	-	-	-	-	-	-	34.4
	DAY-HR	25-14	28-03	12-01	02-18	01-07	26-18	-	-	-	-	-	-	JAN
	# OBS	738	657	743	714	738	44	-	-	-	-	-	-	3634
1998	MEAN	-	-	-	-	-	14.2	14.8	15.5	11.5	13.8	13.8	14.6	14.0
	MAXIMUM	-	-	-	-	-	26.0	33.2	30.3	29.2	33.2	39.5	34.6	39.5
	DAY-HR	-	-	-	-	-	27-03	16-23	29-01	20-02	30-00	30-17	20-22	NOV
	# OBS	-	-	-	-	-	262	734	787	712	739	714	709	4657
1999	MEAN	14.1	14.6	16.8	21.3	-	-	-	12.8	8.5	11.4	13.0	13.3	13.1
	MAXIMUM	32.5	33.6	35.8	44.5	-	-	-	28.4	24.5	26.4	40.6	30.3	44.5
	DAY-HR	30-19	09-16	27-07	03-23	-	-	-	29-04	01-00	29-02	07-23	11-04	APR
	# OBS	741	660	720	73	-	-	-	644	714	716	683	732	5683
2000	MEAN	13.1	15.6	16.8	15.3	17.9	11.6	16.1	12.8	10.6	12.3	12.6	11.4	13.8
	MAXIMUM	38.1	37.3	38.5	40.6	32.3	29.4	30.9	28.4	25.9	32.1	33.0	29.2	40.6
	DAY-HR	30-17	20-17	05-17	17-04	19-00	13-11	20-03	17-03	06-01	21-13	06-20	18-13	APR
	# OBS	697	668	674	653	646	707	741	741	718	732	715	742	8434
2001	MEAN	14.6	16.3	16.5	17.5	14.9	18.6	12.3	15.2	12.2	11.3	13.4	17.8	15.0
	MAXIMUM	47.6	38.5	49.2	30.7	35.8	31.7	30.3	29.7	28.6	29.7	39.1	43.9	49.2
	DAY-HR	10-18	07-02	04-17	10-11	02-01	30-02	02-01	15-00	29-23	23-17	29-07	10-16	MAR
	# OBS	739	669	741	716	740	718	743	687	716	742	718	742	8671
POR	MEAN	13.7	14.3	15.2	15.5	14.8	15.2	12.9	12.8	10.8	12.1	13.4	13.6	13.6
	MAXIMUM	47.6	48.0	49.2	44.5	35.8	33.6	33.2	31.5	29.2	36.5	42.6	50.5	50.5
	YEAR	2001	1993	2001	1999	2001	1994	1998	1992	1998	1989	1991	1987	DEC/1987
	# OBS	9052	7929	9152	8548	8722	8433	9639	9744	9430	9528	9195	10220	109592

STATION: 46042 -- POR (9/1987 - 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
1987	MEAN	-	-	-	-	-	-	-	-	1.3	-	-	3.5	3.0
	MAXIMUM	-	-	-	-	-	-	-	-	1.7	-	-	9.1	9.1
	DAY-HR	-	-	-	-	-	-	-	-	06-03	-	-	16-12	DEC
	# OBS	-	-	-	-	-	-	-	-	196	-	-	657	853
1988	MEAN	2.7	2.4	2.8	2.1	2.3	2.1	1.6	1.6	1.8	1.6	3.0	2.5	2.2
	MAXIMUM	9.1	5.0	5.4	4.1	5.0	4.2	3.1	2.9	3.6	3.3	5.7	7.1	9.1
	DAY-HR	18-12	18-15	28-07	20-18	01-06	29-07	01-10	31-17	30-21	01-12	24-06	21-23	JAN
	# OBS	707	628	689	649	697	684	715	707	689	708	678	707	8258
1989	MEAN	2.4	-	2.1	1.7	2.2	1.8	2.1	1.7	1.5	1.8	2.1	2.1	1.9
	MAXIMUM	4.7	-	4.0	3.5	4.5	3.9	3.6	2.7	2.7	4.1	4.8	4.3	4.8
	DAY-HR	01-01	-	28-15	22-08	12-05	21-09	21-08	15-03	07-02	23-17	27-09	29-07	NOV
	# OBS	273	-	433	708	702	680	723	722	700	734	715	736	7126
1990	MEAN	3.1	2.9	2.2	2.1	2.0	2.1	1.6	1.5	1.6	2.3	2.2	2.4	2.2
	MAXIMUM	9.2	6.4	4.7	4.6	4.5	4.5	2.7	2.7	3.1	4.1	4.5	5.7	9.2
	DAY-HR	31-07	03-03	06-02	25-09	31-23	13-08	14-21	24-10	26-08	06-21	27-00	20-02	JAN
	# OBS	739	648	731	712	727	706	737	739	712	741	715	742	8649
1991	MEAN	2.0	2.3	3.0	2.3	2.3	2.0	1.6	1.4	1.9	2.0	2.7	2.8	2.2
	MAXIMUM	4.6	4.3	6.0	5.1	4.5	4.2	2.6	3.3	3.9	4.8	6.4	5.1	6.4
	DAY-HR	14-16	12-12	21-06	05-13	10-10	13-11	01-15	10-22	25-18	27-17	29-16	30-04	NOV
	# OBS	743	670	741	710	741	715	735	733	711	735	708	733	8675
1992	MEAN	3.0	2.5	2.3	2.0	1.9	1.8	1.6	1.6	1.7	2.1	2.3	2.8	2.1
	MAXIMUM	5.2	5.0	3.8	4.3	4.2	3.3	3.2	2.6	4.0	4.7	4.3	5.5	5.5
	DAY-HR	06-21	11-14	28-03	21-15	09-11	02-18	24-01	17-03	25-23	31-15	28-21	03-08	DEC
	# OBS	733	686	730	716	740	714	733	733	672	688	623	674	8442
1993	MEAN	2.3	2.7	2.4	2.8	2.1	2.1	2.1	1.7	1.6	1.6	2.1	2.7	2.2
	MAXIMUM	5.3	4.9	5.3	5.8	4.7	3.4	3.4	3.9	2.9	2.9	4.9	5.5	5.8
	DAY-HR	14-15	08-04	24-02	16-09	04-19	11-20	24-15	24-23	13-06	17-11	13-07	15-07	APR
	# OBS	672	567	714	701	710	666	670	675	661	719	671	713	8139
1994	MEAN	2.2	2.4	2.4	2.5	2.2	1.8	1.6	1.7	1.7	2.2	2.7	3.0	2.2
	MAXIMUM	5.0	5.0	5.1	6.7	4.2	3.5	3.0	2.9	2.7	5.5	5.9	5.9	6.7



TOTAL %	0.7	8.6	3.0	5.2	5.9	5.1	12.8	7.3	3.9	3.4	4.2	10.5	29.4	100.0	
TOTAL N	52	684	239	415	466	403	1014	581	308	268	335	837	2338		7940

(\* < 0.05%)

STATION: 46042

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	0.2	0.1	*	*	*	0.1	*	*	*	0.1	0.1	0.1	*	0.7	65
1 - 3		0.9	0.7	0.4	0.5	0.5	0.4	0.5	0.6	0.6	0.7	0.7	0.8	7.3	672
4 - 6		1.5	0.7	0.8	0.7	0.6	0.6	0.8	1.0	1.1	1.2	1.8	2.3	13.1	1200
7 - 10		2.3	0.3	0.8	1.0	0.6	1.3	1.6	1.1	0.7	1.2	4.3	6.7	21.7	1989
11 - 15		1.3	*	0.4	0.5	0.3	1.9	2.0	0.6	0.6	0.5	5.0	13.2	26.4	2422
16 - 20		0.4	-	*	*	0.1	1.7	0.8	0.3	0.2	0.2	4.2	14.0	22.0	2016
21 - 24		*	-	-	-	0.1	1.0	0.3	*	*	*	1.4	3.5	6.4	585
25 - 33		-	-	-	-	0.2	0.9	0.1	-	*	*	0.3	0.6	2.2	203
34 - 47		-	-	-	-	*	0.1	-	-	-	-	-	-	0.1	9
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	6.5	1.7	2.4	2.8	2.5	7.8	6.2	3.6	3.4	3.9	17.9	41.1	100.0	
TOTAL N	18	600	158	223	254	230	719	564	328	307	357	1637	3766		9161

(\* < 0.05%)

STATION: 46042

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	1.0	-	*	*	*	*	*	*	*	*	-	*	*	1.2	102
1 - 3		0.7	0.4	0.4	0.3	0.5	0.4	0.6	0.5	0.5	0.5	0.6	0.6	5.9	501
4 - 6		1.2	0.5	0.3	0.6	0.5	0.6	1.1	1.2	0.7	1.0	1.6	2.0	11.3	967
7 - 10		2.3	0.1	0.2	0.1	0.4	1.4	1.7	0.8	0.7	1.3	4.2	8.3	21.5	1839
11 - 15		1.1	*	-	*	0.1	1.3	0.8	0.1	0.1	0.5	5.4	17.1	26.5	2264
16 - 20		0.4	-	-	-	*	1.3	0.2	*	*	0.1	4.9	16.3	23.2	1986
21 - 24		0.3	-	-	-	0.1	0.2	*	-	-	*	1.4	6.6	8.6	739
25 - 33		0.1	-	-	-	0.2	*	-	-	-	-	0.2	1.4	1.8	153
34 - 47		-	-	-	-	-	-	-	-	-	-	*	-	0.0	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.0	6.1	1.1	0.9	1.0	1.7	5.3	4.5	2.6	2.0	3.4	18.3	52.2	100.0	
TOTAL N	85	518	93	78	87	148	452	382	225	168	287	1567	4464		8554

(\* < 0.05%)

STATION: 46042

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	0.8	*	*	*	*	*	*	*	*	*	0.1	0.1	0.1	1.2	107
1 - 3		0.5	0.2	0.2	0.2	0.4	0.6	0.6	0.7	0.5	0.6	0.9	0.9	6.4	560
4 - 6		0.7	0.2	0.1	0.2	0.5	1.1	1.5	1.2	0.8	1.3	2.7	2.7	13.0	1137
7 - 10		0.6	*	*	0.3	0.5	1.5	1.5	0.7	0.4	1.0	6.0	8.7	21.5	1876
11 - 15		0.6	-	*	0.1	0.1	1.3	0.9	0.1	*	0.3	6.6	17.3	27.4	2398
16 - 20		0.1	-	*	*	*	0.9	0.1	-	*	0.1	6.1	15.9	23.2	2030
21 - 24		-	-	-	-	-	0.2	-	-	-	-	1.7	4.6	6.5	569
25 - 33		-	-	-	-	-	*	-	-	-	-	0.2	0.5	0.7	62
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.8	2.6	0.4	0.4	0.9	1.6	5.7	4.7	2.7	1.9	3.4	24.3	50.7	100.0	
TOTAL N	67	224	36	36	79	142	496	415	232	165	298	2121	4428		8739

(\* < 0.05%)

STATION: 46042

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	1.1	*	*	*	*	*	*	*	*	*	*	*	*	1.4	121
1 - 3		0.3	0.2	0.2	0.3	0.4	0.5	0.8	0.7	0.9	0.8	0.7	0.6	6.5	552
4 - 6		0.3	0.1	0.1	0.2	0.4	0.9	1.3	1.3	0.9	2.0	2.2	1.5	11.2	945
7 - 10		0.6	*	-	0.1	0.2	0.9	1.6	0.5	0.3	1.4	6.6	6.4	18.6	1567
11 - 15		0.4	*	-	*	0.1	0.8	0.9	0.1	*	0.3	8.7	17.8	29.2	2464
16 - 20		0.1	-	-	-	*	0.4	0.2	-	-	*	7.0	18.0	25.9	2187
21 - 24		*	-	-	-	-	0.1	0.1	-	-	-	1.9	4.7	6.7	567



25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.3	0.5	44
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.1	1.8	0.4	0.3	0.6	1.1	3.6	5.0	2.6	2.2	4.7	27.2	49.4	100.0			
TOTAL N	97	155	31	29	49	97	303	420	220	184	393	2296	4173				8447

(\* < 0.05%)

STATION: 46042

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	1.5	*	0.1	0.1	*	0.1	*	0.1	*	0.1	*	0.1	*	0.1	*	2.1	205
1 - 3		0.6	0.4	0.3	0.3	0.5	0.7	0.9	1.2	1.1	1.6	1.6	1.0	10.2	984		
4 - 6		0.6	0.1	0.1	0.2	0.4	1.2	2.0	2.1	1.4	2.1	4.3	3.2	17.7	1713		
7 - 10		0.5	-	-	*	0.4	0.9	1.5	0.4	0.1	1.2	8.7	9.8	23.5	2267		
11 - 15		0.3	-	-	-	-	0.1	*	*	-	0.2	8.7	16.1	25.5	2464		
16 - 20		0.1	*	-	-	-	-	-	-	-	-	6.0	11.5	17.6	1699		
21 - 24		-	-	-	-	-	-	-	-	-	-	1.4	1.7	3.1	303		
25 - 33		-	-	-	-	-	-	-	-	-	-	0.2	0.1	0.2	24		
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0		
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0		
TOTAL %	1.5	2.1	0.6	0.4	0.5	1.3	3.0	4.5	3.7	2.6	5.1	30.9	43.6	100.0			
TOTAL N	148	207	54	40	49	130	287	434	362	255	497	2987	4209				9659

(\* < 0.05%)

STATION: 46042

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

Month: AUG

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N		
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34				
0	1.5	0.1	0.1	*	*	*	*	*	*	*	0.1	0.1	0.1	2.1	209		
1 - 3		0.6	0.3	0.4	0.3	0.4	0.6	0.9	0.9	1.2	1.5	1.7	1.4	10.3	1009		
4 - 6		0.9	0.2	0.1	0.2	0.5	1.1	1.4	1.2	1.2	2.3	4.4	3.8	17.3	1684		
7 - 10		0.8	*	*	*	0.2	0.9	0.8	0.3	0.1	1.0	7.6	10.8	22.5	2192		
11 - 15		0.2	-	-	-	*	0.3	0.4	-	-	*	9.2	18.5	28.8	2809		
16 - 20		0.1	-	-	-	-	*	*	-	-	-	5.3	11.1	16.6	1616		
21 - 24		-	-	-	-	-	-	-	-	-	-	1.0	1.3	2.3	229		
25 - 33		-	-	-	-	-	-	-	-	-	-	*	0.1	0.1	10		
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0		
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0		
TOTAL %	1.5	2.7	0.6	0.5	0.6	1.1	3.0	3.4	2.4	2.5	5.0	29.4	47.1	100.0			
TOTAL N	148	263	59	53	62	110	295	336	238	242	486	2870	4596				9758

(\* < 0.05%)

STATION: 46042

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N		
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34				
0	1.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.8	267		
1 - 3		1.2	0.8	0.7	1.0	1.0	1.3	1.6	1.3	1.5	1.9	2.3	1.8	16.5	1557		
4 - 6		1.7	0.4	0.2	0.5	0.6	1.0	1.7	1.1	1.0	2.0	4.9	5.7	20.9	1976		
7 - 10		1.4	0.1	*	0.2	0.4	1.3	1.1	0.2	0.1	1.1	7.3	12.5	25.7	2423		
11 - 15		0.6	*	-	*	0.1	0.5	0.3	*	-	0.2	7.5	15.2	24.5	2311		
16 - 20		0.1	-	-	-	-	0.1	*	-	-	*	2.8	6.0	8.9	843		
21 - 24		-	-	-	-	-	-	-	-	-	-	0.2	0.5	0.7	68		
25 - 33		-	-	-	-	-	-	-	-	-	-	*	-	0.0	1		
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0		
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0		
TOTAL %	1.8	5.0	1.4	1.1	1.8	2.1	4.4	4.8	2.7	2.7	5.2	25.2	41.8	100.0			
TOTAL N	168	477	130	101	173	202	414	449	256	258	490	2381	3947				9446

(\* < 0.05%)

STATION: 46042

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	1.8	*	0.1	0.1	0.1	*	*	*	0.1	0.1	*	*	*	2.3	224		
1 - 3		1.1	1.0	0.7	0.8	1.0	1.0	1.2	0.8	1.3	1.6	1.4	1.4	13.3	1273		
4 - 6		2.4	0.9	0.8	1.2	1.1	1.0	1.3	0.7	1.0	1.4	3.2	4.5	19.6	1874		

7 - 10	2.4	0.2	0.4	0.7	0.4	1.1	1.4	0.4	0.4	0.7	5.1	11.0	24.1	2303
11 - 15	0.9	*	0.2	0.3	*	1.0	0.8	0.2	0.1	0.3	4.9	16.0	24.7	2354
16 - 20	0.2	*	-	0.1	-	0.6	0.2	0.1	-	*	2.2	9.2	12.7	1209
21 - 24	*	-	-	-	*	0.1	*	-	-	*	0.3	2.1	2.7	258
25 - 33	-	-	-	-	-	0.1	0.1	-	-	-	*	0.3	0.5	44
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
TOTAL %	1.8	7.1	2.2	2.1	3.1	2.6	5.0	5.0	2.3	2.9	4.1	17.2	44.7	100.0
TOTAL N	172	675	214	196	294	245	475	478	221	275	390	1638	4267	9540

(\* < 0.05%)

STATION: 46042

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	1.0	0.1	0.1	*	0.1	*	0.1	0.1	*	*	0.1	*	0.1	1.5	142
1 - 3		1.3	1.1	0.9	0.7	0.5	0.5	0.6	0.4	0.5	0.8	0.9	1.1	9.2	849
4 - 6		2.5	1.6	1.8	1.5	1.0	0.8	0.9	0.7	0.5	0.8	2.3	3.7	18.1	1664
7 - 10		3.0	0.7	2.4	2.1	0.7	1.1	1.1	0.3	0.2	0.7	3.7	9.7	25.5	2348
11 - 15		1.9	0.1	1.1	1.4	0.3	1.5	0.8	0.2	0.2	0.4	2.7	13.7	24.4	2244
16 - 20		0.7	*	0.1	0.3	0.1	1.4	0.4	0.1	*	0.2	1.8	9.4	14.7	1348
21 - 24		0.1	-	-	*	0.1	0.9	*	*	-	0.1	0.7	3.1	5.1	466
25 - 33		0.1	-	-	-	*	0.6	*	*	-	*	0.2	0.6	1.5	138
34 - 47		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.0	9.6	3.5	6.4	6.0	2.7	6.8	3.9	1.8	1.5	3.0	12.4	41.4	100.0	
TOTAL N	88	886	319	587	552	251	622	358	168	141	280	1143	3805	9200	

(\* < 0.05%)

STATION: 46042

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	0.9	0.1	*	*	*	*	*	*	*	0.1	*	*	*	1.4	145
1 - 3		1.2	1.3	1.2	0.8	0.7	0.5	0.4	0.6	0.5	0.7	0.9	1.3	10.1	1029
4 - 6		2.7	2.0	2.6	2.5	1.1	0.7	1.0	0.7	0.6	0.8	1.7	3.1	19.5	1994
7 - 10		2.5	1.1	4.0	3.9	0.8	1.4	1.4	0.7	0.4	0.9	1.9	5.3	24.5	2511
11 - 15		1.7	0.2	2.6	2.6	0.5	2.1	1.1	0.6	0.2	0.5	2.3	8.0	22.3	2284
16 - 20		0.9	*	0.5	0.6	0.3	2.1	0.6	0.4	0.2	0.2	1.5	7.2	14.5	1481
21 - 24		0.3	-	0.1	*	0.1	1.2	0.3	0.1	*	*	0.5	2.6	5.2	533
25 - 33		0.1	-	-	-	0.3	1.0	*	*	*	-	0.4	0.6	2.4	248
34 - 47		-	-	-	-	*	-	-	-	-	-	-	*	0.0	5
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	9.5	4.7	11.0	10.5	3.8	9.0	4.9	3.2	2.1	3.1	9.3	28.1	100.0	
TOTAL N	96	972	483	1123	1078	387	919	500	323	215	313	947	2874	10230	

(\* < 0.05%)

STATION: 46042

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	1.1	*	*	*	*	*	*	*	*	0.1	0.1	0.1	0.1	1.7	1846
1 - 3		0.9	0.7	0.6	0.6	0.6	0.7	0.8	0.7	0.8	1.0	1.1	1.1	9.6	10530
4 - 6		1.6	0.8	0.9	1.0	0.7	0.9	1.2	1.0	0.9	1.4	2.7	3.2	16.4	18004
7 - 10		1.8	0.4	1.1	1.2	0.6	1.2	1.4	0.6	0.4	1.0	5.1	8.5	23.2	25425
11 - 15		1.1	0.1	0.7	0.7	0.3	1.3	1.1	0.3	0.2	0.4	5.5	14.2	25.8	28344
16 - 20		0.4	*	0.1	0.2	0.1	1.2	0.4	0.2	0.1	0.1	3.7	10.9	17.3	19028
21 - 24		0.1	*	*	*	0.1	0.6	0.1	*	*	*	0.9	2.8	4.8	5232
25 - 33		*	*	-	-	0.1	0.4	*	*	*	*	0.2	0.4	1.2	1309
34 - 47		-	-	-	-	*	*	-	-	-	-	*	*	0.0	28
> 48		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
TOTAL %	1.1	5.9	2.0	3.5	3.7	2.5	6.4	5.1	2.9	2.5	4.0	19.4	41.2	100.0	
TOTAL N	1246	6462	2171	3807	4042	2748	6984	5576	3158	2692	4430	21262	45169	109747	

(\* < 0.05%)

STATION: 46042

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

Months: DEC, JAN, FEB (Winter)

WIND DIRECTION

WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	0.9	*	0.1	*	*	0.1	*	*	*	0.1	*	0.1	0.1	1.5	404
1 - 3		1.1	1.1	1.1	0.9	0.6	0.6	0.5	0.5	0.5	0.6	0.8	1.1	9.4	2573
4 - 6		2.3	1.7	2.1	2.1	1.1	0.9	0.9	0.7	0.6	0.9	1.7	2.8	17.8	4844
7 - 10		2.7	0.9	3.1	3.1	1.0	1.5	1.5	0.8	0.7	0.9	2.4	5.6	24.3	6621
11 - 15		1.7	0.2	2.2	2.2	0.6	2.3	1.9	0.7	0.5	0.8	2.5	8.6	24.3	6614
16 - 20		0.7	*	0.4	0.5	0.5	2.6	1.0	0.5	0.2	0.2	1.4	6.9	15.0	4094
21 - 24		0.3	*	*	0.1	0.2	1.7	0.3	0.1	*	*	0.4	2.1	5.3	1448
25 - 33		0.1	*	-	-	0.2	1.2	0.1	*	*	*	0.3	0.4	2.3	630
34 - 47		-	-	-	-	*	*	-	-	-	-	*	*	0.1	15
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	9.0	4.0	9.0	9.0	4.4	10.7	6.4	3.3	2.6	3.5	9.6	27.6	100.0	
TOTAL N	255	2457	1077	2464	2443	1193	2921	1740	908	697	952	2622	7514		27243

(\* < 0.05%)

STATION: 46042

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	*	*	*	*	*	*	*	*	0.1	*	*	*	1.0	274
1 - 3		0.7	0.4	0.4	0.3	0.4	0.5	0.6	0.6	0.5	0.6	0.7	0.8	6.6	1733
4 - 6		1.1	0.4	0.4	0.5	0.6	0.8	1.1	1.1	0.9	1.2	2.0	2.3	12.5	3304
7 - 10		1.8	0.2	0.3	0.5	0.5	1.4	1.6	0.9	0.6	1.2	4.8	7.9	21.6	5704
11 - 15		1.0	*	0.1	0.2	0.2	1.5	1.3	0.3	0.3	0.4	5.7	15.8	26.8	7084
16 - 20		0.3	-	*	*	0.1	1.3	0.4	0.1	0.1	0.1	5.1	15.4	22.8	6032
21 - 24		0.1	-	-	-	0.1	0.5	0.1	*	*	*	1.5	4.9	7.2	1893
25 - 33		*	-	-	-	0.1	0.3	*	-	*	*	0.2	0.8	1.6	418
34 - 47		-	-	-	-	*	*	-	-	-	-	*	-	0.0	12
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	5.1	1.1	1.3	1.6	2.0	6.3	5.1	3.0	2.4	3.6	20.1	47.8	100.0	
TOTAL N	170	1342	287	337	420	520	1667	1361	785	640	942	5325	12658		26454

(\* < 0.05%)

STATION: 46042

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.4	0.1	*	*	*	*	*	*	*	0.1	0.1	0.1	*	1.9	535
1 - 3		0.5	0.3	0.3	0.3	0.4	0.6	0.9	1.0	1.1	1.3	1.4	1.0	9.1	2545
4 - 6		0.6	0.2	0.1	0.2	0.4	1.1	1.6	1.5	1.2	2.2	3.7	2.9	15.6	4342
7 - 10		0.6	*	*	*	0.3	0.9	1.3	0.4	0.1	1.2	7.7	9.1	21.6	6026
11 - 15		0.3	*	-	*	*	0.4	0.4	*	*	0.2	8.9	17.5	27.8	7737
16 - 20		0.1	*	-	-	*	0.2	0.1	-	-	*	6.1	13.3	19.7	5502
21 - 24		*	-	-	-	-	*	*	-	-	-	1.4	2.5	3.9	1099
25 - 33		-	-	-	-	-	-	-	-	-	-	0.1	0.2	0.3	78
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.4	2.2	0.5	0.4	0.6	1.2	3.2	4.3	2.9	2.4	4.9	29.3	46.6	100.0	
TOTAL N	393	625	144	122	160	337	885	1190	820	681	1376	8153	12978		27864

(\* < 0.05%)

STATION: 46042

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

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.5	0.1	0.1	0.1	0.1	*	0.1	*	0.1	0.1	0.1	0.1	0.1	2.2	633
1 - 3		1.2	0.9	0.8	0.8	0.8	1.0	1.1	0.9	1.1	1.4	1.6	1.4	13.1	3679
4 - 6		2.2	1.0	0.9	1.1	0.9	0.9	1.3	0.8	0.9	1.4	3.5	4.7	19.6	5514
7 - 10		2.2	0.3	0.9	1.0	0.5	1.2	1.2	0.3	0.2	0.8	5.4	11.0	25.1	7074
11 - 15		1.1	*	0.4	0.5	0.2	1.0	0.6	0.1	0.1	0.3	5.1	15.0	24.5	6909
16 - 20		0.3	*	*	0.1	*	0.7	0.2	0.1	*	0.1	2.3	8.2	12.1	3400
21 - 24		*	-	-	*	*	0.4	*	*	-	*	0.4	1.9	2.8	792
25 - 33		*	-	-	-	*	0.2	*	*	-	*	0.1	0.3	0.6	183
34 - 47		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
> 48		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
TOTAL %	1.5	7.2	2.4	3.1	3.6	2.5	5.4	4.6	2.3	2.4	4.1	18.3	42.6	100.0	
TOTAL N	428	2038	663	884	1019	698	1511	1285	645	674	1160	5162	12019		28186

(\* < 0.05%)

STATION: 46042

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

Month: JAN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	100.0	8940
1 - 3	-	0.2	0.9	0.6	0.1	-	-	-	-	-	-	-	-	-	-	1.7	153
4 - 6	-	1.2	4.7	2.9	0.7	0.1	0.1	*	-	-	-	-	-	-	-	9.7	871
7 - 10	-	2.2	11.1	7.0	3.0	0.7	0.1	*	-	-	-	-	-	-	-	17.4	1556
11 - 15	-	1.7	10.3	8.3	3.8	0.9	0.3	*	*	-	-	-	-	-	-	24.1	2153
16 - 20	-	0.2	4.6	5.4	3.0	0.7	0.2	0.1	*	*	-	-	-	-	-	25.4	2268
21 - 24	-	*	0.6	1.9	1.7	0.6	0.1	0.1	*	*	-	-	-	-	-	14.4	1288
25 - 33	-	-	0.1	0.6	0.7	0.5	0.1	0.1	0.1	*	-	-	-	-	-	5.1	455
34 - 47	-	-	-	-	*	*	-	*	*	-	-	-	-	-	-	2.1	189
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	7
TOTAL %	0.0	7.4	41.2	31.4	14.8	3.8	0.9	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	659	3683	2806	1320	339	80	31	15	7	0	0	0	0	0		8940

STATION: 46042

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

Month: FEB

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	100.0	7804
1 - 3	-	0.3	0.5	0.4	0.1	*	-	-	-	-	-	-	-	-	-	1.3	101
4 - 6	-	1.5	4.3	1.8	0.7	0.1	*	-	-	-	-	-	-	-	-	8.4	657
7 - 10	-	2.1	7.8	4.5	1.4	0.2	*	-	-	-	-	-	-	-	-	16.2	1263
11 - 15	-	2.3	11.2	7.6	2.5	0.6	0.1	-	-	-	-	-	-	-	-	24.3	1898
16 - 20	-	1.6	9.2	9.5	3.5	1.3	0.3	-	-	-	-	-	-	-	-	25.5	1988
21 - 24	-	0.2	4.5	6.7	3.4	1.1	0.3	-	-	-	-	-	-	-	-	16.3	1269
25 - 33	-	-	1.0	2.2	1.7	0.6	0.2	*	-	-	-	-	-	-	-	5.6	440
34 - 47	-	-	*	0.8	1.2	0.3	*	-	-	-	-	-	-	-	-	2.3	183
> 48	-	*	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	8.0	38.5	33.7	14.4	4.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	621	3008	2629	1126	340	79	1	0	0	0	0	0	0	0		7804

STATION: 46042

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

Month: MAR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	100.0	9079
1 - 3	-	0.1	0.3	0.3	*	-	-	-	-	-	-	-	-	-	-	0.7	65
4 - 6	-	1.8	3.0	1.9	0.5	0.2	-	-	-	-	-	-	-	-	-	7.3	666
7 - 10	-	2.7	6.1	3.4	0.8	0.1	-	-	-	-	-	-	-	-	-	13.2	1195
11 - 15	-	3.3	10.0	6.3	1.7	0.4	*	*	-	-	-	-	-	-	-	21.7	1967
16 - 20	-	1.7	11.3	9.6	3.0	0.6	0.2	-	-	-	-	-	-	-	-	26.4	2399
21 - 24	*	0.5	6.4	9.1	4.5	1.3	0.2	*	-	-	-	-	-	-	-	22.0	1996
25 - 33	*	*	0.7	2.5	2.2	0.8	0.1	*	-	-	-	-	-	-	-	6.4	577
34 - 47	-	-	*	0.5	1.0	0.6	0.1	*	-	-	-	-	-	-	-	2.2	203
> 48	-	-	-	-	*	0.1	-	-	-	-	-	-	-	-	-	0.1	9
TOTAL %	0.0	10.0	37.9	33.5	13.7	4.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3	910	3441	3044	1248	369	57	7	0	0	0	0	0	0	0		9079

STATION: 46042

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

Month: APR

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	100.0	8500
1 - 3	-	0.5	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	1.2	102
4 - 6	-	2.5	2.5	0.7	0.1	*	-	-	-	-	-	-	-	-	-	5.9	501
7 - 10	-	3.8	5.4	1.6	0.4	0.1	*	-	-	-	-	-	-	-	-	11.3	962
11 - 15	-	6.0	11.7	3.1	0.5	0.1	*	*	-	-	-	-	-	-	-	21.6	1830
16 - 20	-	4.2	14.9	5.8	1.1	0.2	*	*	-	-	-	-	-	-	-	26.3	2237
21 - 24	-	0.8	9.7	9.2	3.2	0.2	*	-	-	-	-	-	-	-	-	23.2	1972
25 - 33	-	*	1.0	4.4	3.0	0.2	-	-	-	-	-	-	-	-	-	8.6	730
34 - 47	-	-	0.1	0.5	1.0	0.2	*	-	-	-	-	-	-	-	-	1.8	153
> 48	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	17.9	45.9	25.5	9.4	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	

TOTAL N 0 1517 3898 2166 798 92 15 4 0 0 0 0 0 0 8490  
 (\* < 0.05%)

STATION: 46042

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

Month: MAY

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	1.2	106
1 - 3	-	0.6	0.6	*	-	-	-	-	-	-	-	-	-	-	-	6.4	553
4 - 6	-	2.8	3.4	0.3	*	-	-	-	-	-	-	-	-	-	-	13.1	1127
7 - 10	-	5.4	6.0	1.6	0.1	*	-	-	-	-	-	-	-	-	-	21.5	1857
11 - 15	-	6.1	11.8	3.4	0.2	*	-	-	-	-	-	-	-	-	-	27.4	2366
16 - 20	-	3.8	17.3	5.8	0.5	*	-	-	-	-	-	-	-	-	-	23.2	2000
21 - 24	-	1.1	11.1	8.6	2.3	0.1	*	-	-	-	-	-	-	-	-	6.4	552
25 - 33	-	*	1.5	3.2	1.5	0.1	*	*	-	-	-	-	-	-	-	0.7	61
34 - 47	-	-	*	0.2	0.3	0.1	0.1	*	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	19.9	51.6	23.1	4.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1714	4450	1988	425	33	11	3	0	0	0	0	0	0	0		8624

STATION: 46042

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

Month: JUN

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.9	74
1 - 3	-	0.4	0.4	0.1	-	-	-	-	-	-	-	-	-	-	-	5.9	515
4 - 6	-	2.5	2.9	0.6	*	-	-	-	-	-	-	-	-	-	-	10.1	879
7 - 10	-	4.0	5.1	1.0	*	-	-	-	-	-	-	-	-	-	-	17.1	1491
11 - 15	-	5.5	9.7	1.9	0.1	-	-	-	-	-	-	-	-	-	-	27.4	2383
16 - 20	-	4.8	17.6	4.6	0.4	-	-	-	-	-	-	-	-	-	-	24.1	2095
21 - 24	-	1.9	14.9	6.5	0.8	*	-	-	-	-	-	-	-	-	-	6.3	547
25 - 33	-	*	3.0	2.5	0.6	0.2	-	-	-	-	-	-	-	-	-	0.5	44
34 - 47	-	*	0.2	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	672
TOTAL %	0.0	20.1	56.6	20.4	2.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1749	4920	1775	236	20	0	0	0	0	0	0	0	0	0		8700

STATION: 46042

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

Month: JUL

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	1.7	163
1 - 3	-	0.8	0.9	-	-	-	-	-	-	-	-	-	-	-	-	9.5	902
4 - 6	-	4.7	4.6	0.3	-	-	-	-	-	-	-	-	-	-	-	16.4	1553
7 - 10	-	7.4	8.5	0.5	-	-	-	-	-	-	-	-	-	-	-	22.4	2117
11 - 15	-	9.4	11.8	1.1	-	-	-	-	-	-	-	-	-	-	-	23.8	2259
16 - 20	*	7.4	14.7	1.8	*	-	-	-	-	-	-	-	-	-	-	15.7	1489
21 - 24	-	1.9	11.1	2.7	*	-	-	-	-	-	-	-	-	-	-	2.6	245
25 - 33	-	*	1.9	0.7	-	-	-	-	-	-	-	-	-	-	-	0.1	13
34 - 47	-	-	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	731
TOTAL %	0.0	34.2	57.8	7.9	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	1	3240	5474	746	11	0	0	0	0	0	0	0	0	0	0		9472

STATION: 46042

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

Month: AUG

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	1.8	179
1 - 3	-	1.1	0.6	*	-	-	-	-	-	-	-	-	-	-	-	9.5	962
4 - 6	-	5.0	4.3	0.2	*	-	-	-	-	-	-	-	-	-	-	15.2	1529
7 - 10	-	7.8	6.9	0.4	0.1	-	-	-	-	-	-	-	-	-	-	20.9	2109

11 - 15	-	8.2	17.5	1.5	0.1	-	-	-	-	-	-	-	-	-	-	27.2	2747
16 - 20	-	2.6	11.5	1.6	*	-	-	-	-	-	-	-	-	-	-	15.7	1584
21 - 24	-	0.1	1.8	0.4	-	-	-	-	-	-	-	-	-	-	-	2.3	228
25 - 33	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	10
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	4.0	3.2	0.1	-	-	-	-	-	-	-	-	-	-	-	7.3	740
TOTAL %	0.0	37.9	57.0	4.9	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	0	3827	5746	492	23	0	0	0	0	0	0	0	0	0	0		10088

(\* < 0.05%)

STATION: 46042

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

Month: SEP

		WAVE HEIGHT														TOT %	TOT N	
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		
0		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	2.6	263
1 - 3		-	1.0	1.5	0.1	*	-	-	-	-	-	-	-	-	-	-	15.4	1544
4 - 6		-	5.1	9.4	1.0	*	-	-	-	-	-	-	-	-	-	-	19.5	1956
7 - 10		-	7.5	10.2	1.6	0.2	-	-	-	-	-	-	-	-	-	-	23.7	2375
11 - 15		-	9.4	11.8	2.3	0.2	-	-	-	-	-	-	-	-	-	-	22.6	2262
16 - 20		-	7.7	12.3	2.3	0.2	-	-	-	-	-	-	-	-	-	-	8.2	823
21 - 24		-	1.2	6.1	0.9	*	-	-	-	-	-	-	-	-	-	-	0.6	61
25 - 33		-	*	0.5	0.1	-	-	-	-	-	-	-	-	-	-	-	0.0	1
34 - 47		-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	33.6	55.9	9.2	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	3358	5597	924	116	12	0	0	0	0	0	0	0	0	0	0		10007

(\* < 0.05%)

STATION: 46042

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

Month: OCT

		WAVE HEIGHT														TOT %	TOT N	
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		
0		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	2.2	224
1 - 3		-	0.7	1.2	0.3	*	-	-	-	-	-	-	-	-	-	-	12.6	1269
4 - 6		-	4.3	6.3	1.7	0.2	*	*	-	-	-	-	-	-	-	-	18.5	1861
7 - 10		-	6.0	9.1	2.9	0.4	0.1	*	-	-	-	-	-	-	-	-	22.7	2280
11 - 15		-	6.3	12.1	3.4	0.8	*	*	-	-	-	-	-	-	-	-	23.2	2330
16 - 20		-	4.6	12.5	4.6	1.3	0.1	*	*	-	-	-	-	-	-	-	11.8	1185
21 - 24		-	0.8	6.0	3.6	1.3	0.1	*	-	-	-	-	-	-	-	-	2.5	255
25 - 33		-	*	0.6	0.6	1.0	0.2	0.1	-	-	-	-	-	-	-	-	0.4	42
34 - 47		-	-	-	0.1	0.1	0.2	*	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	23.7	49.8	19.0	5.7	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2389	5012	1911	578	134	34	1	0	0	0	0	0	0	0	0		10059

(\* < 0.05%)

STATION: 46042

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

Month: NOV

		WAVE HEIGHT														TOT %	TOT N	
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		
0		0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.6	142
1 - 3		-	0.3	0.7	0.4	0.1	*	-	-	-	-	-	-	-	-	-	9.3	843
4 - 6		-	1.5	4.5	2.3	0.8	0.3	0.1	-	-	-	-	-	-	-	-	18.3	1653
7 - 10		-	3.4	8.3	4.6	1.3	0.4	*	*	-	-	-	-	-	-	-	25.7	2323
11 - 15		-	4.4	12.2	6.4	1.8	0.7	0.1	*	*	-	-	-	-	-	-	24.4	2207
16 - 20		-	2.8	11.6	6.7	2.5	0.7	0.1	*	-	-	-	-	-	-	-	14.3	1292
21 - 24		-	0.6	4.8	5.7	2.6	0.4	0.1	*	-	-	-	-	-	-	-	5.0	451
25 - 33		-	*	0.5	2.4	1.7	0.3	*	*	-	-	-	-	-	-	-	1.5	134
34 - 47		-	-	0.1	0.7	0.4	0.2	0.1	-	-	-	-	-	-	-	-	0.0	1
> 48		-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	13.0	42.9	29.2	11.3	2.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1175	3884	2642	1026	267	46	13	1	0	0	0	0	0	0	0		9054

(\* < 0.05%)

STATION: 46042

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

Month: DEC

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	-	0.3	0.6	0.3	0.2	*	*	-	-	-	-	-	-	-	-	1.4	145
4 - 6	-	1.9	4.3	2.5	1.1	0.1	0.1	*	-	-	-	-	-	-	-	10.1	1018
7 - 10	-	3.0	8.2	5.4	2.4	0.4	0.2	0.1	*	-	-	-	-	-	-	19.6	1981
11 - 15	-	2.8	10.0	7.6	3.2	0.7	0.2	0.1	-	-	-	-	-	-	-	24.4	2467
16 - 20	-	1.6	7.5	8.0	4.0	1.0	0.2	*	-	-	-	-	-	-	-	22.4	2256
21 - 24	-	0.2	2.9	5.7	3.9	1.2	0.3	0.1	*	-	-	-	-	-	-	14.3	1446
25 - 33	-	*	0.3	1.7	1.9	1.0	0.2	*	-	-	-	-	-	-	-	5.2	526
34 - 47	-	-	*	0.3	0.8	0.8	0.4	0.1	-	*	-	-	-	-	-	2.4	245
> 48	-	-	-	-	*	-	-	-	*	*	-	-	-	-	-	0.0	5
TOTAL %	0.0	9.9	33.7	31.5	17.5	5.3	1.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	994	3402	3176	1763	537	166	45	6	1	0	0	0	0	0		10090

(\* < 0.05%)

STATION: 46042

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

All Months: Annual

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	-	0.5	0.8	0.2	*	*	*	-	-	-	-	-	-	-	-	1.6	1717
4 - 6	-	3.0	4.6	1.3	0.3	0.1	*	*	-	-	-	-	-	-	-	9.3	10301
7 - 10	-	4.7	7.6	2.7	0.7	0.1	*	*	*	-	-	-	-	-	-	15.9	17515
11 - 15	-	5.7	11.2	4.2	1.2	0.3	*	*	*	-	-	-	-	-	-	22.5	24867
16 - 20	*	4.3	13.1	5.6	1.7	0.4	0.1	*	*	-	-	-	-	-	-	25.1	27702
21 - 24	*	1.0	7.8	5.3	2.0	0.4	0.1	*	*	*	-	-	-	-	-	16.7	18439
25 - 33	*	*	1.1	1.8	1.2	0.3	0.1	*	*	*	-	-	-	-	-	4.6	5067
34 - 47	-	*	0.1	0.3	0.4	0.2	0.1	*	*	*	-	-	-	-	-	1.2	1278
> 48	-	-	-	-	*	*	*	*	*	-	-	-	-	-	-	0.0	27
TOTAL %	0.0	20.1	47.6	22.0	7.9	1.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4	22153	52515	24299	8670	2143	488	105	22	8	0	0	0	0	0		110407

(\* < 0.05%)

STATION: 46042

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	-	0.2	0.7	0.4	0.1	*	*	-	-	-	-	-	-	-	-	1.5	399
4 - 6	-	1.6	4.4	2.4	0.8	0.1	0.1	*	-	-	-	-	-	-	-	9.5	2546
7 - 10	-	2.3	8.3	4.9	1.9	0.3	0.1	*	*	-	-	-	-	-	-	17.9	4800
11 - 15	-	2.4	10.7	7.4	2.9	0.7	0.1	*	-	-	-	-	-	-	-	24.3	6518
16 - 20	-	1.6	8.9	8.5	3.8	1.1	0.3	*	*	-	-	-	-	-	-	24.3	6512
21 - 24	-	0.2	3.9	5.9	3.5	1.0	0.3	0.1	*	*	-	-	-	-	-	14.9	4003
25 - 33	-	*	0.6	1.9	1.8	0.7	0.2	*	*	*	-	-	-	-	-	5.3	1421
34 - 47	-	-	*	0.6	0.9	0.5	0.2	0.1	*	*	-	-	-	-	-	2.3	617
> 48	-	*	-	*	*	-	-	-	-	-	-	-	-	-	-	0.1	14
TOTAL %	0.0	8.5	37.6	32.1	15.7	4.5	1.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2274	10093	8611	4209	1216	325	77	21	8	0	0	0	0	0		26834

(\* < 0.05%)

STATION: 46042

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	TOT %	TOT N
1 - 3	-	0.4	0.5	0.1	*	-	-	-	-	-	-	-	-	-	-	1.0	273
4 - 6	-	2.3	3.0	1.0	0.2	0.1	-	-	-	-	-	-	-	-	-	6.6	1720
7 - 10	-	3.9	5.8	2.2	0.5	0.1	*	-	-	-	-	-	-	-	-	12.5	3284
11 - 15	-	5.1	11.1	4.3	0.8	0.2	*	*	-	-	-	-	-	-	-	21.6	5654
16 - 20	-	3.2	14.5	7.1	1.6	0.3	0.1	*	-	-	-	-	-	-	-	26.7	7002
21 - 24	*	0.8	9.0	9.0	3.4	0.5	0.1	*	-	-	-	-	-	-	-	22.8	5968
25 - 33	*	*	1.0	3.4	2.2	0.4	*	*	-	-	-	-	-	-	-	7.1	1859
34 - 47	-	-	*	0.4	0.7	0.3	0.1	*	-	-	-	-	-	-	-	1.6	417
> 48	-	-	-	-	*	*	*	-	-	-	-	-	-	-	-	0.0	12
TOTAL %	0.0	15.8	45.0	27.5	9.4	1.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	

TOTAL N 3 4141 11789 7198 2471 494 83 14 0 0 0 0 0 0 0 26193  
 (\* < 0.05%)

STATION: 46042

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.5	416
1 - 3	-	0.8	0.7	*	-	-	-	-	-	-	-	-	-	-	-	8.4	2379
4 - 6	-	4.1	3.9	0.3	*	-	-	-	-	-	-	-	-	-	-	14.0	3961
7 - 10	-	6.5	6.9	0.6	*	-	-	-	-	-	-	-	-	-	-	20.2	5717
11 - 15	-	8.1	10.9	1.2	0.1	-	-	-	-	-	-	-	-	-	-	26.1	7389
16 - 20	*	6.9	16.6	2.5	0.1	-	-	-	-	-	-	-	-	-	-	18.3	5168
21 - 24	-	2.1	12.4	3.5	0.3	*	-	-	-	-	-	-	-	-	-	3.6	1020
25 - 33	-	*	2.2	1.1	0.2	0.1	-	-	-	-	-	-	-	-	-	0.2	67
34 - 47	-	*	0.1	0.1	*	*	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	2143
TOTAL %	0.0	31.2	57.1	10.7	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	8816	16140	3013	270	20	0	0	0	0	0	0	0	0	0		28260

STATION: 46042

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	-	2.2	629
1 - 3	-	0.7	1.2	0.2	0.1	*	-	-	-	-	-	-	-	-	-	12.6	3656
4 - 6	-	3.7	6.8	1.6	0.3	0.1	*	-	-	-	-	-	-	-	-	18.8	5470
7 - 10	-	5.7	9.3	3.0	0.6	0.2	*	*	-	-	-	-	-	-	-	24.0	6978
11 - 15	-	6.8	12.0	4.0	0.9	0.2	*	*	*	-	-	-	-	-	-	23.3	6799
16 - 20	-	5.1	12.2	4.5	1.3	0.2	*	*	-	-	-	-	-	-	-	11.3	3300
21 - 24	-	0.9	5.6	3.3	1.3	0.2	0.1	*	-	-	-	-	-	-	-	2.6	767
25 - 33	-	*	0.5	1.0	0.9	0.2	*	*	-	-	-	-	-	-	-	0.6	177
34 - 47	-	-	*	0.3	0.2	0.1	*	-	-	-	-	-	-	-	-	0.0	1
> 48	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	4.6	1343
TOTAL %	0.0	23.8	49.8	18.8	5.9	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	6922	14493	5477	1720	413	80	14	1	0	0	0	0	0	0		29120

STATION: 46042

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

Month: JAN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	7
4.5 - 5.4	-	*	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.3	31
5.5 - 6.4	-	*	0.7	0.3	-	-	-	-	-	-	-	-	-	-	-	1.0	89
6.5 - 7.4	-	0.2	0.6	0.7	0.1	-	-	-	-	-	-	-	-	-	-	1.6	141
7.5 - 8.4	-	0.7	2.1	1.2	0.4	0.1	-	-	-	-	-	-	-	-	-	4.5	400
8.5 - 9.4	-	0.5	1.9	0.9	0.5	0.1	-	-	-	-	-	-	-	-	-	4.0	359
9.5 - 10.4	-	0.8	3.0	1.4	0.5	0.1	*	-	-	-	-	-	-	-	-	5.9	529
10.5 - 11.4	-	0.9	5.8	3.1	0.8	0.3	*	-	-	-	-	-	-	-	-	10.9	971
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.7	10.1	8.5	3.5	0.8	0.1	*	-	-	-	-	-	-	-	24.8	2213
13.5 - 14.4	-	1.7	10.3	10.1	5.6	1.2	0.4	0.1	0.1	*	-	-	-	-	-	29.5	2634
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.5	5.3	4.1	2.8	0.8	0.3	0.2	0.1	*	-	-	-	-	-	14.1	1265
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	1.0	1.1	0.5	0.4	0.1	*	*	*	-	-	-	-	-	3.3	293
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	8
TOTAL %	0.0	7.4	41.2	31.4	14.8	3.8	0.9	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	659	3683	2806	1320	339	80	31	15	7	0	0	0	0	0		8940



(\* < 0.05%)

STATION: 46042

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

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
4.5 - 5.4	-	*	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.3	20
5.5 - 6.4	-	*	0.7	0.4	*	-	-	-	-	-	-	-	-	-	-	1.1	89
6.5 - 7.4	-	*	0.4	0.8	0.2	*	-	-	-	-	-	-	-	-	-	1.4	113
7.5 - 8.4	-	0.1	0.7	1.7	0.8	0.1	-	-	-	-	-	-	-	-	-	3.3	261
8.5 - 9.4	-	0.4	1.1	0.8	0.9	0.2	-	-	-	-	-	-	-	-	-	3.3	259
9.5 - 10.4	-	0.9	1.9	1.4	1.1	0.2	-	-	-	-	-	-	-	-	-	5.4	423
10.5 - 11.4	-	0.9	5.9	4.4	1.3	0.3	0.1	*	-	-	-	-	-	-	-	12.9	1004
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.4	10.9	9.0	2.9	0.6	0.1	-	-	-	-	-	-	-	-	25.9	2024
13.5 - 14.4	-	2.3	10.1	10.2	5.3	1.9	0.3	-	-	-	-	-	-	-	-	30.2	2354
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.9	4.5	4.1	1.7	1.0	0.6	-	-	-	-	-	-	-	-	12.8	998
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	1.9	0.9	0.3	0.1	*	-	-	-	-	-	-	-	-	3.3	256
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	8.0	38.5	33.7	14.4	4.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	621	3008	2629	1126	340	79	1	0	0	0	0	0	0	0		7804

(\* < 0.05%)

STATION: 46042

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
3.5 - 4.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	12
4.5 - 5.4	-	0.1	0.3	*	-	-	-	-	-	-	-	-	-	-	-	0.4	39
5.5 - 6.4	-	*	0.5	0.3	-	-	-	-	-	-	-	-	-	-	-	0.8	72
6.5 - 7.4	-	*	0.6	0.8	0.1	-	-	-	-	-	-	-	-	-	-	1.6	142
7.5 - 8.4	-	0.4	1.2	1.2	0.6	0.1	-	-	-	-	-	-	-	-	-	3.4	313
8.5 - 9.4	-	0.5	1.5	1.3	0.5	0.2	*	-	-	-	-	-	-	-	-	4.1	370
9.5 - 10.4	-	0.9	3.1	1.6	0.8	0.2	*	-	-	-	-	-	-	-	-	6.7	609
10.5 - 11.4	-	1.0	6.4	4.7	1.3	0.5	0.1	*	-	-	-	-	-	-	-	14.1	1281
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.7	10.3	8.6	2.6	0.7	0.1	*	-	-	-	-	-	-	-	25.1	2278
13.5 - 14.4	-	3.3	8.1	9.4	5.1	1.2	0.1	-	-	-	-	-	-	-	-	27.2	2471
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.7	4.6	4.2	2.1	0.8	0.2	0.1	-	-	-	-	-	-	-	12.8	1164
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	*	1.2	1.4	0.5	0.2	*	-	-	-	-	-	-	-	-	3.4	310
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.2	14
TOTAL %	0.0	10.0	37.9	33.5	13.7	4.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3	910	3441	3044	1248	369	57	7	0	0	0	0	0	0	0		9079

(\* < 0.05%)

STATION: 46042

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



11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.1	2.2	2.1	0.5	0.1	-	-	-	-	-	-	-	-	-	6.0	520
13.5 - 14.4	-	4.9	2.0	0.8	0.1	-	-	-	-	-	-	-	-	-	-	7.8	675
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.9	2.9	0.1	*	-	-	-	-	-	-	-	-	-	-	6.0	522
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.3	0.2	*	-	-	-	-	-	-	-	-	-	-	-	0.5	47
TOTAL %	0.0	20.1	56.6	20.4	2.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1749	4920	1775	236	20	0	0	0	0	0	0	0	0	0		8700

(\* < 0.05%)

STATION: 46042

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

Month: JUL

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
3.5 - 4.4	*	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	43
4.5 - 5.4	-	1.1	0.5	-	-	-	-	1.1	-	-	-	-	-	-	-	1.7	158
5.5 - 6.4	-	1.5	1.8	*	-	-	-	-	-	-	-	-	-	-	-	3.3	314
6.5 - 7.4	-	2.5	6.5	0.1	-	-	-	-	-	-	-	-	-	-	-	9.1	864
7.5 - 8.4	-	7.3	19.0	2.2	-	-	-	-	-	-	-	-	-	-	-	28.6	2704
8.5 - 9.4	-	5.6	11.6	3.1	0.1	-	-	-	-	-	-	-	-	-	-	20.3	1923
9.5 - 10.4	-	2.9	7.3	2.1	*	-	-	-	-	-	-	-	-	-	-	12.3	1161
10.5 - 11.4	-	1.2	3.1	0.4	-	-	-	-	-	-	-	-	-	-	-	4.7	442
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.2	1.0	*	-	-	-	-	-	-	-	-	-	-	-	3.3	309
13.5 - 14.4	-	7.3	2.4	-	-	-	-	-	-	-	-	-	-	-	-	9.7	920
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.1	4.1	*	-	-	-	-	-	-	-	-	-	-	-	6.2	588
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.4	41
TOTAL %	0.0	34.2	57.8	7.9	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	1	3239	5473	746	11	0	0	0	0	0	0	0	0	0	0		9470

(\* < 0.05%)

STATION: 46042

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	0.5	53
4.5 - 5.4	-	1.2	0.8	-	-	-	-	-	-	-	-	-	-	-	-	2.0	198
5.5 - 6.4	-	1.7	2.8	*	-	-	-	-	-	-	-	-	-	-	-	4.5	455
6.5 - 7.4	-	3.0	6.8	*	-	-	-	-	-	-	-	-	-	-	-	9.9	998
7.5 - 8.4	-	7.4	20.2	1.0	*	-	-	-	-	-	-	-	-	-	-	28.5	2877
8.5 - 9.4	-	5.1	10.7	2.1	*	-	-	-	-	-	-	-	-	-	-	17.9	1810
9.5 - 10.4	-	3.4	5.6	1.1	0.1	-	-	-	-	-	-	-	-	-	-	10.2	1027
10.5 - 11.4	-	1.6	2.7	0.3	0.1	-	-	-	-	-	-	-	-	-	-	4.6	467
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	3.0	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	4.4	441
13.5 - 14.4	-	6.4	2.9	0.2	*	-	-	-	-	-	-	-	-	-	-	9.5	956
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	4.3	3.1	*	-	-	-	-	-	-	-	-	-	-	-	7.4	748
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.6	58
TOTAL %	0.0	37.9	57.0	4.9	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	0	3827	5746	492	23	0	0	0	0	0	0	0	0	0	0		10088

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
4.5 - 5.4	-	0.5	0.6	-	-	-	-	-	-	-	-	-	-	-	-	1.2	117
5.5 - 6.4	-	1.6	1.8	-	-	-	-	-	-	-	-	-	-	-	-	3.4	345
6.5 - 7.4	-	1.4	4.3	*	-	-	-	-	-	-	-	-	-	-	-	5.7	567
7.5 - 8.4	-	3.7	9.8	0.5	-	-	-	-	-	-	-	-	-	-	-	14.0	1399
8.5 - 9.4	-	4.0	7.1	1.2	-	-	-	-	-	-	-	-	-	-	-	12.3	1230
9.5 - 10.4	-	3.5	9.5	1.8	*	-	-	-	-	-	-	-	-	-	-	14.7	1476
10.5 - 11.4	-	3.4	6.7	1.5	0.1	*	-	-	-	-	-	-	-	-	-	11.8	1180
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	3.9	6.4	1.0	0.2	*	-	-	-	-	-	-	-	-	-	11.5	1152
13.5 - 14.4	-	7.7	5.5	1.8	0.3	*	-	-	-	-	-	-	-	-	-	15.3	1532
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	3.3	3.3	1.1	0.5	*	-	-	-	-	-	-	-	-	-	8.2	821
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.4	0.8	0.4	*	*	-	-	-	-	-	-	-	-	-	1.6	164
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.1	10
TOTAL %	0.0	33.6	55.9	9.2	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	3358	5597	924	116	12	0	0	0	0	0	0	0	0	0		10007

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	18
4.5 - 5.4	-	0.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.6	62
5.5 - 6.4	-	0.6	0.5	*	-	-	-	-	-	-	-	-	-	-	-	1.2	116
6.5 - 7.4	-	0.9	1.5	0.2	*	-	-	-	-	-	-	-	-	-	-	2.6	262
7.5 - 8.4	-	1.9	5.2	1.2	0.1	-	-	-	-	-	-	-	-	-	-	8.5	850
8.5 - 9.4	-	1.8	4.8	2.3	0.4	*	-	-	-	-	-	-	-	-	-	9.4	941
9.5 - 10.4	-	2.8	6.2	2.6	1.0	0.2	*	-	-	-	-	-	-	-	-	12.9	1296
10.5 - 11.4	-	3.4	11.2	2.5	1.0	0.2	*	-	-	-	-	-	-	-	-	18.4	1853
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	4.4	10.1	4.7	1.1	0.1	-	-	-	-	-	-	-	-	-	20.5	2062
13.5 - 14.4	-	5.0	6.1	3.7	1.6	0.4	0.1	-	-	-	-	-	-	-	-	16.9	1696
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.3	3.0	1.4	0.4	0.3	0.2	*	-	-	-	-	-	-	-	7.5	757
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.8	0.4	0.1	*	*	-	-	-	-	-	-	-	-	1.4	145
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	23.7	49.8	19.0	5.7	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2389	5012	1911	578	134	34	1	0	0	0	0	0	0	0		10059

(\* < 0.05%)

STATION: 46042

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		













(\* < 0.05%)

STATION: 46042

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	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.6	*	-	-	-	-	-	-	-	-	-	-	-	-	0.6	59
4.5 - 5.4	*	7.8	7.5	*	-	-	-	-	-	-	-	-	-	-	-	15.3	1451
5.5 - 6.4	-	8.6	21.8	2.2	-	-	-	-	-	-	-	-	-	-	-	32.5	3081
6.5 - 7.4	-	12.0	18.7	4.6	0.1	-	-	-	-	-	-	-	-	-	-	35.3	3348
7.5 - 8.4	-	4.2	8.0	1.1	*	-	-	-	-	-	-	-	-	-	-	13.3	1256
8.5 - 9.4	-	1.0	1.7	*	-	-	-	-	-	-	-	-	-	-	-	2.7	253
9.5 - 10.4	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.2	23
10.5 - 11.4	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	34.2	57.8	7.9	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	1	3240	5474	746	11	0	0	0	0	0	0	0	0	0	0		9472

(\* < 0.05%)

STATION: 46042

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

Month: AUG

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	27
4.5 - 5.4	-	9.0	8.0	*	-	-	-	-	-	-	-	-	-	-	-	17.0	1713
5.5 - 6.4	-	12.3	25.8	1.0	-	-	-	-	-	-	-	-	-	-	-	39.1	3943
6.5 - 7.4	-	10.9	17.7	2.8	*	-	-	-	-	-	-	-	-	-	-	31.5	3175
7.5 - 8.4	-	4.8	4.9	0.9	0.1	-	-	-	-	-	-	-	-	-	-	10.7	1081
8.5 - 9.4	-	0.7	0.5	0.1	*	-	-	-	-	-	-	-	-	-	-	1.3	132
9.5 - 10.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	7
10.5 - 11.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	5
11.5 - 12.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.0	37.9	57.0	4.9	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	0	3827	5746	492	23	0	0	0	0	0	0	0	0	0	0		10088

(\* < 0.05%)

STATION: 46042

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

Month: SEP

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	6
4.5 - 5.4	-	6.4	4.7	-	-	-	-	-	-	-	-	-	-	-	-	11.1	1114
5.5 - 6.4	-	9.3	14.4	0.4	-	-	-	-	-	-	-	-	-	-	-	24.1	2407
6.5 - 7.4	-	8.4	17.8	2.5	*	-	-	-	-	-	-	-	-	-	-	28.7	2874
7.5 - 8.4	-	6.5	11.7	2.9	0.1	*	-	-	-	-	-	-	-	-	-	21.3	2130
8.5 - 9.4	-	2.4	5.2	1.2	0.4	*	-	-	-	-	-	-	-	-	-	9.3	931
9.5 - 10.4	-	0.4	1.2	0.4	0.1	*	-	-	-	-	-	-	-	-	-	2.1	213
10.5 - 11.4	-	0.1	0.5	0.7	*	-	-	-	-	-	-	-	-	-	-	1.3	135
11.5 - 12.4	-	*	0.3	0.6	0.1	-	-	-	-	-	-	-	-	-	-	1.1	109
12.5 - 13.4	-	-	0.1	0.2	0.2	*	-	-	-	-	-	-	-	-	-	0.5	55
13.5 - 14.4	-	-	*	0.2	*	-	-	-	-	-	-	-	-	-	-	0.3	26
14.5 - 15.4	-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.0	5
15.5 - 16.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	33.6	55.9	9.2	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	3358	5597	924	116	12	0	0	0	0	0	0	0	0	0		10007

(\* < 0.05%)

STATION: 46042

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

Month: OCT

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
4.5 - 5.4	-	3.3	2.1	*	-	-	-	-	-	-	-	-	-	-	-	5.4	541
5.5 - 6.4	-	5.6	11.3	1.2	*	-	-	-	-	-	-	-	-	-	-	18.0	1813
6.5 - 7.4	-	5.9	16.1	5.9	1.3	*	-	-	-	-	-	-	-	-	-	29.2	2941
7.5 - 8.4	-	5.8	11.2	5.9	2.2	0.5	*	-	-	-	-	-	-	-	-	25.7	2585
8.5 - 9.4	-	2.5	5.6	3.0	1.5	0.4	0.1	-	-	-	-	-	-	-	-	13.0	1307
9.5 - 10.4	-	0.4	2.6	1.8	0.5	0.1	*	-	-	-	-	-	-	-	-	5.5	558
10.5 - 11.4	-	0.1	0.8	0.9	0.3	0.2	*	-	-	-	-	-	-	-	-	2.4	243
11.5 - 12.4	-	-	*	0.2	*	0.1	0.1	-	-	-	-	-	-	-	-	0.5	46
12.5 - 13.4	-	-	-	*	*	*	*	-	-	-	-	-	-	-	-	0.1	6
13.5 - 14.4	-	-	-	-	*	-	*	*	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.0	23.7	49.8	19.0	5.7	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	2389	5012	1911	578	134	34	1	0	0	0	0	0	0	0		10059

(\* < 0.05%)

STATION: 46042

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	1.6	1.1	*	-	-	-	-	-	-	-	-	-	-	-	2.8	252
5.5 - 6.4	-	4.1	9.1	2.1	*	-	-	-	-	-	-	-	-	-	-	15.3	1388
6.5 - 7.4	-	3.2	12.2	7.4	2.2	-	-	-	-	-	-	-	-	-	-	25.0	2267
7.5 - 8.4	-	1.9	10.4	7.5	2.9	0.4	0.1	-	-	-	-	-	-	-	-	23.3	2106
8.5 - 9.4	-	1.4	6.3	6.2	2.6	0.5	*	-	-	-	-	-	-	-	-	17.0	1535
9.5 - 10.4	-	0.5	2.5	3.4	1.7	0.8	0.1	*	-	-	-	-	-	-	-	9.0	815
10.5 - 11.4	-	0.2	0.9	1.9	1.3	0.7	0.1	*	-	-	-	-	-	-	-	5.2	471
11.5 - 12.4	-	*	0.2	0.6	0.4	0.5	0.1	*	-	-	-	-	-	-	-	1.8	163
12.5 - 13.4	-	-	*	0.2	0.2	0.1	0.1	-	-	-	-	-	-	-	-	0.5	48
13.5 - 14.4	-	-	-	-	*	-	*	0.1	-	-	-	-	-	-	-	0.1	8
14.5 - 15.4	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	13.0	42.9	29.2	11.3	2.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	1175	3884	2642	1026	267	46	13	1	0	0	0	0	0	0		9054

(\* < 0.05%)

STATION: 46042

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
4.5 - 5.4	-	0.9	0.6	*	-	-	-	-	-	-	-	-	-	-	-	1.5	154
5.5 - 6.4	-	2.5	4.6	1.4	0.1	-	-	-	-	-	-	-	-	-	-	8.6	864
6.5 - 7.4	-	2.9	8.4	6.0	2.3	0.2	-	-	-	-	-	-	-	-	-	19.9	2003
7.5 - 8.4	-	1.8	8.2	10.0	4.3	1.4	0.3	*	-	-	-	-	-	-	-	26.0	2622
8.5 - 9.4	-	1.0	6.3	6.1	3.8	1.3	0.4	0.1	*	-	-	-	-	-	-	19.0	1921
9.5 - 10.4	-	0.6	3.5	4.2	3.7	1.1	0.3	0.1	-	*	-	-	-	-	-	13.5	1363
10.5 - 11.4	-	0.1	1.6	2.3	2.0	1.2	0.3	0.2	-	-	-	-	-	-	-	7.7	774
11.5 - 12.4	-	-	0.4	1.1	0.8	0.1	0.2	*	-	-	-	-	-	-	-	2.7	274
12.5 - 13.4	-	-	0.1	0.3	0.4	*	*	*	-	-	-	-	-	-	-	0.9	87
13.5 - 14.4	-	-	-	0.1	0.1	*	*	*	*	-	-	-	-	-	-	0.2	25
14.5 - 15.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	9.9	33.7	31.5	17.5	5.3	1.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	994	3402	3176	1763	537	166	45	6	1	0	0	0	0	0		10090

(\* < 0.05%)



TOTAL %	0.0	15.8	45.0	27.5	9.4	1.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	3	4141	11789	7198	2471	494	83	14	0	0	0	0	0	0	26193	

(\* < 0.05%)

STATION: 46042

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	93
4.5 - 5.4	*	7.1	8.0	*	-	-	-	-	-	-	-	-	-	-	-	15.1	4275
5.5 - 6.4	-	8.9	23.6	2.6	*	-	-	-	-	-	-	-	-	-	-	35.1	9924
6.5 - 7.4	-	9.8	18.2	5.7	0.4	-	-	-	-	-	-	-	-	-	-	34.0	9610
7.5 - 8.4	-	4.1	6.3	2.1	0.4	0.1	-	-	-	-	-	-	-	-	-	13.0	3672
8.5 - 9.4	-	0.9	0.9	0.2	0.1	-	-	-	-	-	-	-	-	-	-	2.1	581
9.5 - 10.4	-	0.2	0.1	*	*	-	-	-	-	-	-	-	-	-	-	0.3	84
10.5 - 11.4	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	9
11.5 - 12.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.0	11
12.5 - 13.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	31.2	57.1	10.7	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	1	8816	16140	3013	270	20	0	0	0	0	0	0	0	0	0	28260	

(\* < 0.05%)

STATION: 46042

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

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	20
4.5 - 5.4	-	3.8	2.7	*	-	-	-	-	-	-	-	-	-	-	-	6.5	1907
5.5 - 6.4	-	6.4	11.7	1.2	*	-	-	-	-	-	-	-	-	-	-	19.3	5608
6.5 - 7.4	-	5.9	15.5	5.2	1.1	*	-	-	-	-	-	-	-	-	-	27.8	8082
7.5 - 8.4	-	4.8	11.1	5.4	1.7	0.3	*	-	-	-	-	-	-	-	-	23.4	6821
8.5 - 9.4	-	2.1	5.7	3.4	1.4	0.3	*	-	-	-	-	-	-	-	-	13.0	3773
9.5 - 10.4	-	0.4	2.1	1.8	0.7	0.3	0.1	*	-	-	-	-	-	-	-	5.4	1586
10.5 - 11.4	-	0.1	0.8	1.2	0.5	0.3	*	*	-	-	-	-	-	-	-	2.9	849
11.5 - 12.4	-	*	0.2	0.5	0.2	0.2	0.1	*	-	-	-	-	-	-	-	1.1	318
12.5 - 13.4	-	-	*	0.1	0.1	*	*	-	-	-	-	-	-	-	-	0.4	109
13.5 - 14.4	-	-	*	0.1	*	*	*	-	-	-	-	-	-	-	-	0.1	39
14.5 - 15.4	-	-	-	*	*	*	-	-	*	-	-	-	-	-	-	0.0	6
15.5 - 16.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	23.8	49.8	18.8	5.9	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	0	6922	14493	5477	1720	413	80	14	1	0	0	0	0	0	0	29120	

(\* < 0.05%)

STATION: 46042

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

Month: JAN

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	0.1	-	-	-	-	-	0.1	4
4.5 - 5.4	-	-	-	-	-	0.1	0.3	-	-	*	*	-	0.4	28
5.5 - 6.4	-	-	-	-	-	0.2	0.6	0.1	*	*	0.1	0.1	1.1	70
6.5 - 7.4	-	-	-	-	-	0.4	0.3	*	0.2	0.1	0.4	0.3	1.8	115
7.5 - 8.4	-	-	-	-	-	0.2	0.6	0.3	0.7	1.0	1.1	0.6	4.4	287
8.5 - 9.4	-	-	-	-	-	0.1	0.2	0.1	0.4	1.3	1.8	*	4.0	256
9.5 - 10.4	-	-	-	-	-	*	0.2	0.1	0.5	2.0	3.2	0.2	6.1	398
10.5 - 11.4	-	-	-	-	-	*	0.1	*	0.4	4.1	6.1	0.4	11.1	720
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	*	0.6	10.8	13.0	0.5	24.9	1613
13.5 - 14.4	-	-	-	-	-	-	-	*	0.5	14.0	14.2	0.6	29.3	1899
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	-	5.4	8.6	0.1	14.1	915

17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	*	1.1	1.5	*	2.6	171	
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	-	-	-	-	*	*	-	-	0.0	2
TOTAL %	0.0	0.0	0.0	0.0	0.0	1.0	2.3	0.7	3.3	39.8	50.0	2.9	100.0		
TOTAL N	0	0	0	0	0	62	152	48	211	2577	3239	189			6478

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	0.1	0.2	-	-	-	-	-	-	0.3	16
5.5 - 6.4	-	-	-	-	-	0.1	1.1	*	-	*	-	*	-	1.2	73
6.5 - 7.4	-	-	-	-	-	0.2	0.8	0.2	*	*	0.2	0.1	1.5	86	
7.5 - 8.4	-	-	-	-	-	0.4	0.9	0.4	0.3	0.4	0.5	0.3	3.2	188	
8.5 - 9.4	-	-	-	-	-	0.2	0.5	0.4	0.4	0.5	1.0	0.3	3.3	191	
9.5 - 10.4	-	-	-	-	-	*	0.1	0.3	0.9	1.4	2.6	0.6	5.9	345	
10.5 - 11.4	-	-	-	-	-	-	-	-	1.0	5.1	5.9	1.3	13.2	772	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
12.5 - 13.4	-	-	-	-	-	-	*	0.2	1.1	11.4	12.5	0.9	26.2	1533	
13.5 - 14.4	-	-	-	-	-	-	0.4	0.3	0.9	11.7	15.3	0.7	29.3	1718	
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
16.5 - 17.4	-	-	-	-	-	-	0.2	0.1	0.1	3.4	8.4	0.4	12.5	735	
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
19.5 - 20.4	-	-	-	-	-	-	-	-	*	0.4	2.9	0.1	3.4	199	
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
24.5 - 25.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	2	
TOTAL %	0.0	0.0	0.0	0.0	0.0	1.0	4.2	1.7	4.7	34.4	49.3	4.7	100.0		
TOTAL N	0	0	0	0	0	61	246	99	273	2014	2890	275			5858

(\* < 0.05%)

STATION: 46042

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

Month: MAR

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	*	-	-	-	-	-	0.0	1
3.5 - 4.4	-	-	-	-	-	*	*	*	-	-	-	-	-	0.1	6
4.5 - 5.4	-	-	-	-	-	0.2	0.1	-	*	-	*	0.1	0.5	30	
5.5 - 6.4	-	-	-	-	-	0.1	0.3	0.1	*	-	0.2	0.2	0.8	53	
6.5 - 7.4	-	-	-	-	-	0.2	0.3	*	*	0.1	0.5	0.5	1.6	104	
7.5 - 8.4	-	-	-	-	-	0.1	0.7	0.2	0.1	0.2	1.3	0.7	3.3	214	
8.5 - 9.4	-	-	-	-	-	0.1	0.2	0.2	0.1	0.4	1.9	0.8	3.6	235	
9.5 - 10.4	*	-	-	-	-	*	0.1	0.1	0.4	1.1	3.3	1.0	6.1	393	
10.5 - 11.4	-	-	-	-	-	-	-	*	0.4	3.9	7.5	1.0	12.9	835	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
12.5 - 13.4	-	-	-	-	-	-	0.1	0.4	1.4	8.5	13.6	0.5	24.5	1588	
13.5 - 14.4	-	-	-	-	-	-	0.1	0.8	1.3	7.4	17.5	0.7	27.8	1806	
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
16.5 - 17.4	-	-	-	-	-	-	0.2	0.3	0.1	2.9	10.9	0.2	14.4	936	
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
19.5 - 20.4	-	-	-	-	-	-	-	-	-	0.5	3.6	*	4.1	269	
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
24.5 - 25.4	-	-	-	-	-	-	-	-	-	*	0.2	-	0.2	14	

TOTAL %	0.0	0.0	0.0	0.0	0.0	0.7	2.1	2.2	3.8	25.0	60.5	5.6	100.0	
TOTAL N	2	0	0	0	0	47	136	142	248	1623	3926	361		6485

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	*	-	-	*	-	0.1	-	0.2	10
4.5 - 5.4	-	-	-	-	-	0.1	0.2	*	*	*	0.1	0.2	-	0.6	32
5.5 - 6.4	-	-	-	-	-	0.2	0.2	*	-	0.1	0.6	0.3	-	1.4	78
6.5 - 7.4	-	-	-	-	-	0.1	0.1	*	0.1	0.2	1.4	0.5	-	2.5	140
7.5 - 8.4	-	-	-	-	-	*	0.2	*	0.2	0.9	3.8	2.6	-	7.7	440
8.5 - 9.4	*	-	-	-	-	-	0.1	-	0.2	1.2	4.0	1.7	-	7.2	411
9.5 - 10.4	-	-	-	-	-	-	0.1	-	*	1.2	8.8	1.5	-	11.6	661
10.5 - 11.4	-	-	-	-	-	-	*	-	*	2.7	14.4	1.1	-	18.1	1036
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	*	0.3	0.3	4.0	18.2	0.6	-	23.4	1335
13.5 - 14.4	-	-	-	-	-	-	0.2	1.4	1.2	4.9	11.2	0.3	-	19.1	1091
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	0.4	1.2	0.6	1.5	3.6	0.2	-	7.4	425
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	*	*	*	-	0.2	0.6	*	-	0.9	52
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.5	1.6	3.0	2.5	16.9	66.5	9.0	100.0		
TOTAL N	1	0	0	0	0	26	89	171	144	965	3800	515		5711	

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	*	-	-	-	-	-	0.1	-	0.1	5
4.5 - 5.4	-	-	-	-	-	*	0.1	-	-	*	0.3	0.5	-	1.0	55
5.5 - 6.4	-	-	-	-	-	*	0.2	-	0.1	0.1	1.1	1.0	-	2.4	137
6.5 - 7.4	-	-	-	-	-	-	-	0.1	0.1	0.4	2.8	1.8	-	5.1	292
7.5 - 8.4	-	-	-	-	-	-	-	0.1	0.4	0.9	7.6	4.7	-	13.6	785
8.5 - 9.4	-	-	-	-	-	-	-	-	0.2	1.5	7.3	4.3	-	13.3	766
9.5 - 10.4	-	-	-	-	-	-	-	-	0.2	2.2	9.8	4.2	-	16.4	947
10.5 - 11.4	-	-	-	-	-	-	*	0.1	0.2	2.6	9.1	1.0	-	13.0	748
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.3	0.8	1.2	3.2	7.2	0.2	-	12.9	742
13.5 - 14.4	-	-	-	-	-	*	3.8	3.9	1.1	1.4	3.4	0.1	-	13.7	789
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	3.0	2.6	0.5	0.2	1.3	0.1	-	7.7	444
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	0.1	0.3	0.2	*	0.2	-	-	0.8	47
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.1	7.6	7.9	3.9	12.6	50.1	17.8	100.0		
TOTAL N	0	0	0	0	0	6	435	453	227	728	2883	1025		5757	

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	*	-	0.0	2
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	0.3	0.4	-	0.7	42

5.5 - 6.4	-	-	-	-	-	-	-	-	-	*	1.9	1.2	3.1	183
6.5 - 7.4	-	-	-	-	-	-	-	-	-	0.1	4.5	2.4	7.0	414
7.5 - 8.4	-	-	-	-	-	-	-	-	-	0.8	15.8	7.7	24.2	1432
8.5 - 9.4	-	-	-	-	-	-	-	-	-	1.0	14.6	7.3	22.9	1353
9.5 - 10.4	-	-	-	-	-	-	-	-	-	0.5	11.8	4.5	16.8	995
10.5 - 11.4	-	-	-	-	-	-	-	-	*	0.5	5.4	0.8	6.7	397
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	0.5	0.2	0.1	0.3	3.3	0.4	4.7	279	
13.5 - 14.4	-	-	-	-	-	0.1	2.6	2.0	0.4	0.3	0.9	0.1	6.4	377
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	*	0.2	3.1	2.7	0.2	0.1	0.4	*	6.7	395
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	*	0.1	0.5	0.2	-	0.1	-	0.8	46
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.2	6.2	5.4	0.9	3.6	58.7	24.8	100.0	
TOTAL N	0	0	0	0	1	14	369	322	53	212	3475	1469		5915

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	*	0.0	3
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	0.2	0.4	0.6	40
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	0.9	0.9	1.8	130
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	1.5	1.3	2.8	199
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	4.5	4.6	9.0	653
7.5 - 8.4	-	-	-	-	-	-	-	-	-	*	14.4	13.0	27.4	1982
8.5 - 9.4	*	-	-	-	-	-	-	-	*	0.1	12.1	9.3	21.4	1551
9.5 - 10.4	-	-	-	-	-	-	-	*	*	0.2	7.9	4.8	12.9	932
10.5 - 11.4	-	-	-	-	-	0.2	0.1	*	0.2	3.3	0.8	4.6	332	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	0.8	1.0	0.2	0.4	1.2	*	3.6	257	
13.5 - 14.4	-	-	-	-	-	0.1	4.7	3.3	0.5	0.5	0.2	-	9.4	677
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	0.1	3.1	2.1	0.1	0.4	0.3	-	6.0	437
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	0.4	0.2	-	-	-	-	0.5	39
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.2	9.1	6.7	0.8	1.7	46.4	35.1	100.0	
TOTAL N	2	0	0	0	0	12	659	487	58	126	3353	2535		7232

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	0.1	0.4	0.6	44
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	0.9	1.1	2.0	160
5.5 - 6.4	-	-	-	-	-	-	-	-	-	*	2.2	2.5	4.8	379
6.5 - 7.4	-	-	-	-	-	-	-	-	-	*	5.5	5.2	10.8	852
7.5 - 8.4	-	-	-	-	-	-	-	-	*	0.1	15.0	11.8	26.8	2126
8.5 - 9.4	-	-	-	-	-	0.1	*	*	0.2	0.3	9.3	7.5	17.5	1385
9.5 - 10.4	-	-	-	-	-	*	0.1	0.2	0.2	0.6	6.9	2.3	10.4	826
10.5 - 11.4	-	-	-	-	-	-	0.3	0.3	0.1	0.5	3.2	0.6	5.0	398
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	*	1.1	1.0	0.5	0.9	1.0	*	4.6	364
13.5 - 14.4	-	-	-	-	-	0.3	3.8	3.0	1.3	0.8	0.4	0.1	9.8	778
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	0.2	3.0	3.0	0.4	0.4	0.3	*	7.3	576
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	0.1	0.2	0.2	-	-	-	-	0.4	31
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.7	8.4	7.7	2.8	3.5	45.0	31.8	100.0	
TOTAL N	0	0	0	0	0	53	668	611	224	281	3564	2518		7919



(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	*	0.1	0.1	0.1	8
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.4	0.4	0.9	0.9	66
5.5 - 6.4	-	-	-	-	-	-	-	-	-	1.7	1.0	2.7	2.7	208
6.5 - 7.4	-	-	-	-	-	-	-	-	-	2.8	2.1	4.9	4.9	379
7.5 - 8.4	-	-	-	-	-	-	-	*	0.1	9.8	4.6	14.6	14.6	1122
8.5 - 9.4	-	-	-	-	-	-	*	0.1	0.3	7.8	4.0	12.2	12.2	942
9.5 - 10.4	-	-	-	-	-	0.1	0.3	0.2	0.2	0.9	9.9	3.9	15.6	1205
10.5 - 11.4	-	-	-	-	-	0.1	0.4	0.5	0.2	1.5	8.2	1.5	12.3	952
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	0.2	0.4	0.7	0.5	2.0	7.2	0.3	11.3	872
13.5 - 14.4	-	-	-	-	-	0.2	3.3	2.6	0.9	3.0	4.7	0.3	15.1	1163
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	1.7	3.0	0.2	0.9	2.8	0.1	8.6	661
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	0.1	0.2	0.1	0.2	1.1	-	1.6	122
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	-	-	-	-	*	0.1	-	0.1	10
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.6	6.2	7.2	2.2	8.9	56.6	18.3	100.0	
TOTAL N	0	0	0	0	0	49	475	555	172	687	4363	1409		7710

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	*	-	-	-	-	-	-	-	-	*	0.1	0.2	0.2	12
4.5 - 5.4	-	-	-	-	-	-	0.1	-	-	0.1	0.4	0.5	0.5	41
5.5 - 6.4	-	-	-	-	-	-	0.1	-	*	0.3	0.5	0.9	0.9	70
6.5 - 7.4	-	-	-	-	-	-	-	-	*	1.3	1.1	2.4	2.4	187
7.5 - 8.4	-	-	-	-	-	-	-	-	*	0.2	4.9	2.2	7.2	568
8.5 - 9.4	-	-	-	-	-	-	-	*	0.1	0.4	6.2	2.3	9.0	708
9.5 - 10.4	-	-	-	-	-	-	0.1	0.1	*	0.8	9.1	3.1	13.2	1036
10.5 - 11.4	-	-	-	-	-	-	0.1	0.2	0.1	1.8	13.6	2.2	18.0	1419
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.1	0.3	0.7	3.6	14.3	1.4	20.4	1605
13.5 - 14.4	-	-	-	-	-	0.1	1.9	2.3	1.0	3.4	9.1	0.5	18.3	1440
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	*	1.3	1.6	0.3	0.9	3.7	0.4	8.2	644
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	*	0.2	0.1	0.2	1.3	0.1	1.8	145
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.1	3.6	4.7	2.3	11.2	63.8	14.2	100.0	
TOTAL N	1	0	0	0	0	7	287	370	180	886	5028	1117		7876

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	*	-	-	-	-	-	-	*	*	0.0	3
4.5 - 5.4	-	-	-	-	-	0.2	0.1	-	-	-	0.1	0.1	0.5	33
5.5 - 6.4	-	-	-	-	-	0.3	0.3	*	-	*	0.1	0.1	0.9	65
6.5 - 7.4	-	-	-	-	-	0.2	0.2	*	*	-	0.8	0.3	1.6	111
7.5 - 8.4	-	-	-	-	-	-	0.1	0.2	0.1	0.2	2.7	0.9	4.2	292
8.5 - 9.4	-	-	-	-	-	-	-	*	0.1	0.5	3.8	0.7	5.1	351
9.5 - 10.4	-	-	-	-	-	-	-	-	*	0.9	6.8	1.1	8.9	615
10.5 - 11.4	-	-	-	-	-	-	-	-	*	2.3	11.9	1.5	15.7	1092
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	*	*	0.1	0.3	3.8	19.2	1.1	24.5	1700
13.5 - 14.4	-	-	-	-	-	-	0.1	0.6	0.7	4.1	19.2	1.4	26.1	1815
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	0.2	0.2	0.2	1.6	7.8	0.6	10.7	740
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	*	0.3	1.3	0.2	1.8	128
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.7	1.1	1.2	1.5	13.6	73.7	8.0	100.0	
TOTAL N	0	0	0	1	0	52	78	86	104	948	5122	555		6946

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	*	-	-	-	-	-	-	*	-	0.0	2
4.5 - 5.4	-	-	-	-	-	*	-	*	*	-	-	*	0.1	8
5.5 - 6.4	-	-	-	-	-	0.1	0.3	-	-	-	0.1	*	0.5	37
6.5 - 7.4	-	-	-	-	-	*	0.4	0.1	-	-	0.1	0.1	0.8	55
7.5 - 8.4	-	-	-	-	-	*	0.5	0.1	0.1	-	0.5	0.6	1.8	127
8.5 - 9.4	-	-	-	-	-	-	0.2	0.1	*	0.2	1.4	0.5	2.3	165
9.5 - 10.4	-	-	-	-	-	-	*	*	0.1	0.5	4.1	0.9	5.6	406
10.5 - 11.4	-	-	-	-	-	-	-	-	0.4	1.8	8.7	1.0	11.9	865
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.1	0.4	5.4	19.5	1.1	26.5	1919
13.5 - 14.4	-	-	-	-	-	-	0.2	0.3	0.4	7.4	22.5	1.5	32.2	2332
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	*	*	0.2	2.3	11.6	0.5	14.6	1055
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	*	-	0.5	3.0	0.1	3.7	266
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	-	-	-	-	-	0.2	-	0.2	11
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.2	1.5	0.7	1.6	18.0	71.6	6.3	100.0	
TOTAL N	0	0	0	1	0	17	110	54	114	1302	5190	460		7248

(\* < 0.05%)

STATION: 46042

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	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	*	-	-	-	*	0.0	4
3.5 - 4.4	*	-	-	*	-	*	*	*	-	*	*	0.1	0.2	136
4.5 - 5.4	-	-	-	-	-	0.1	0.1	*	*	*	0.3	0.4	0.8	641
5.5 - 6.4	-	-	-	-	-	0.1	0.2	*	*	*	0.8	0.7	1.9	1552



15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	1.2	1.3	0.4	1.6	5.5	0.1	10.1	1805	
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	*	*	0.1	0.1	0.3	1.6	*	2.0	368	
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	-	-	-	-	-	-	-	*	0.1	-	0.1	14	
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.4	3.7	4.3	3.4	18.5	59.1	10.6	100.0		
TOTAL N	3	0	0	0	0	79	660	766	619	3316	10609	1901		17953	

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	*	0.0	3	
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	0.1	0.3	0.4	86	
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	0.7	0.9	1.6	332	
5.5 - 6.4	-	-	-	-	-	-	-	-	-	*	1.9	1.7	3.6	761	
6.5 - 7.4	-	-	-	-	-	-	-	-	-	*	4.9	4.2	9.1	1919	
7.5 - 8.4	-	-	-	-	-	-	-	-	*	0.2	15.0	11.1	26.3	5540	
8.5 - 9.4	*	-	-	-	-	*	*	*	0.1	0.4	11.7	8.1	20.4	4289	
9.5 - 10.4	-	-	-	-	-	*	*	0.1	0.1	0.4	8.6	3.8	13.1	2753	
10.5 - 11.4	-	-	-	-	-	-	0.2	0.1	0.1	0.4	3.9	0.7	5.3	1127	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
12.5 - 13.4	-	-	-	-	-	*	0.8	0.8	0.3	0.5	1.7	0.1	4.3	900	
13.5 - 14.4	-	-	-	-	-	0.1	3.8	2.9	0.8	0.6	0.5	0.1	8.7	1832	
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
16.5 - 17.4	-	-	-	-	*	0.2	3.0	2.6	0.2	0.3	0.3	*	6.7	1408	
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
19.5 - 20.4	-	-	-	-	-	*	0.2	0.3	*	-	*	-	0.6	116	
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.4	8.1	6.7	1.6	2.9	49.3	31.0	100.0		
TOTAL N	2	0	0	0	1	79	1696	1420	335	619	10392	6522		21066	

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	*	-	-	*	-	-	-	-	-	-	*	0.1	0.1	23	
4.5 - 5.4	-	-	-	-	-	0.1	0.1	-	-	-	0.2	0.3	0.6	140	
5.5 - 6.4	-	-	-	-	-	0.1	0.1	*	*	*	0.7	0.6	1.5	343	
6.5 - 7.4	-	-	-	-	-	0.1	0.1	*	*	*	1.7	1.2	3.0	677	
7.5 - 8.4	-	-	-	-	-	-	*	0.1	0.1	0.2	5.9	2.6	8.8	1982	
8.5 - 9.4	-	-	-	-	-	-	*	*	0.1	0.4	6.0	2.4	8.9	2001	
9.5 - 10.4	-	-	-	-	-	*	0.1	0.1	0.1	0.9	8.7	2.8	12.7	2856	
10.5 - 11.4	-	-	-	-	-	*	0.2	0.2	0.1	1.9	11.2	1.7	15.4	3463	
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
12.5 - 13.4	-	-	-	-	-	0.1	0.2	0.4	0.5	3.1	13.4	0.9	18.5	4177	
13.5 - 14.4	-	-	-	-	-	0.1	1.8	1.9	0.9	3.5	10.7	0.7	19.6	4418	
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
16.5 - 17.4	-	-	-	-	-	*	1.1	1.7	0.2	1.1	4.7	0.3	9.1	2045	
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
19.5 - 20.4	-	-	-	-	-	-	*	0.1	*	0.2	1.3	0.1	1.8	395	
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
24.5 - 25.4	-	-	-	-	-	-	-	-	-	*	*	-	0.1	12	
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.5	3.7	4.5	2.0	11.2	64.4	13.7	100.0		
TOTAL N	1	0	0	1	0	108	840	1011	456	2521	14513	3081		22532	

(\* < 0.05%)

STATION: 46042

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

Month: JAN

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	0.1	*	0.3	2.7	3.0	0.2	6.3	406	
1.5 - 2.4	-	-	-	-	-	0.2	0.7	0.1	1.2	16.8	21.0	1.4	41.6	2692	
2.5 - 3.4	-	-	-	-	-	0.4	0.9	0.4	1.1	11.9	16.0	1.0	31.8	2057	
3.5 - 4.4	-	-	-	-	-	0.2	0.4	0.2	0.5	5.6	7.5	0.3	14.7	952	
4.5 - 5.4	-	-	-	-	-	0.1	0.2	*	0.2	1.8	1.9	-	4.3	277	
5.5 - 6.4	-	-	-	-	-	*	-	-	-	0.6	0.4	*	1.0	64	
6.5 - 7.4	-	-	-	-	-	-	-	-	*	0.2	0.1	-	0.4	24	
7.5 - 8.4	-	-	-	-	-	-	-	-	-	0.1	*	-	0.1	6	
TOTAL %	0.0	0.0	0.0	0.0	0.0	1.0	2.3	0.7	3.3	39.8	50.0	2.9	100.0		
TOTAL N	0	0	0	0	0	62	152	48	211	2577	3239	189		6478	

(\* < 0.05%)

STATION: 46042

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

Month: FEB

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	*	0.6	0.4	1.0	3.1	1.2	0.1	6.4	376	
1.5 - 2.4	-	-	-	-	-	0.1	1.0	0.5	1.8	16.4	16.0	1.7	37.5	2194	
2.5 - 3.4	-	-	-	-	-	0.4	1.6	0.6	1.2	10.8	19.3	1.5	35.5	2080	
3.5 - 4.4	-	-	-	-	-	0.4	0.8	0.3	0.6	3.3	9.1	1.0	15.6	913	
4.5 - 5.4	-	-	-	-	-	*	0.1	*	*	0.6	3.1	0.4	4.3	254	
5.5 - 6.4	-	-	-	-	-	-	-	-	-	0.2	0.5	*	0.7	40	
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1	
TOTAL %	0.0	0.0	0.0	0.0	0.0	1.0	4.2	1.7	4.7	34.4	49.3	4.7	100.0		
TOTAL N	0	0	0	0	0	61	246	99	273	2014	2890	275		5858	

(\* < 0.05%)

STATION: 46042

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

Month: MAR

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	*	-	-	-	-	0.1	0.3	1.2	1.6	4.6	2.2	0.4	10.4	672	
1.5 - 2.4	-	-	-	-	-	0.2	0.6	0.5	1.6	12.4	19.2	1.7	36.3	2351	
2.5 - 3.4	-	-	-	-	-	0.2	0.6	0.3	0.2	6.1	25.7	1.9	34.9	2261	
3.5 - 4.4	-	-	-	-	-	0.1	0.5	0.1	0.2	1.6	9.7	1.0	13.3	863	
4.5 - 5.4	-	-	-	-	-	0.1	0.1	0.1	0.2	0.3	2.9	0.5	4.3	277	
5.5 - 6.4	-	-	-	-	-	-	*	-	*	-	0.6	0.1	0.8	53	
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	7	
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.7	2.1	2.2	3.8	25.0	60.5	5.6	100.0		
TOTAL N	2	0	0	0	0	47	136	142	248	1623	3926	361		6485	

(\* < 0.05%)

STATION: 46042

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

Month: APR

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	*	0.4	2.2	1.4	3.7	5.2	0.8	13.8	786	
1.5 - 2.4	-	-	-	-	-	0.4	0.8	0.8	1.0	10.1	30.1	2.7	45.8	2617	
2.5 - 3.4	*	-	-	-	-	*	0.2	-	0.1	2.4	21.3	4.0	28.1	1602	
3.5 - 4.4	-	-	-	-	-	-	0.2	-	-	0.7	8.6	1.3	10.7	612	
4.5 - 5.4	-	-	-	-	-	-	*	-	-	*	1.1	0.2	1.3	75	
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	0.2	*	0.3	15	
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	4	
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.5	1.6	3.0	2.5	16.9	66.5	9.0	100.0		
TOTAL N	1	0	0	0	0	26	89	171	144	965	3800	515		5711	

(\* < 0.05%)

STATION: 46042

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

Month: MAY

WAVE HEIGHT	MEAN WAVE DIRECTION											TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31			32-34
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	0.1	4.7	5.9	2.4	4.0	4.9	1.7	23.6	1360
1.5 - 2.4	-	-	-	-	-	0.1	2.8	2.0	1.5	7.1	27.4	9.0	49.8	2865
2.5 - 3.4	-	-	-	-	-	-	0.1	*	0.1	1.5	14.3	5.4	21.4	1234
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	2.9	1.7	4.6	262
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	0.3	0.1	0.4	22
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	0.2	*	0.2	11
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	3
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.1	7.6	7.9	3.9	12.6	50.1	17.8	100.0	
TOTAL N	0	0	0	0	0	6	435	453	227	728	2883	1025		5757

(\* < 0.05%)

STATION: 46042

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

Month: JUN

WAVE HEIGHT	MEAN WAVE DIRECTION											TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31			32-34
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	0.1	4.1	3.9	0.5	1.6	7.5	2.7	20.4	1208
1.5 - 2.4	-	-	-	-	*	0.2	2.1	1.5	0.4	1.8	33.1	16.5	55.7	3292
2.5 - 3.4	-	-	-	-	-	-	-	0.1	-	0.2	15.9	5.1	21.3	1258
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	1.9	0.5	2.3	138
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	0.3	-	0.3	19
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.2	6.2	5.4	0.9	3.6	58.7	24.8	100.0	
TOTAL N	0	0	0	0	1	14	369	322	53	212	3475	1469		5915

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
0.5 - 1.4	-	-	-	-	-	0.1	4.8	4.7	0.6	1.0	17.3	6.6	35.0	2534
1.5 - 2.4	*	-	-	-	-	0.1	4.3	2.1	0.2	0.7	25.1	25.0	57.4	4151
2.5 - 3.4	*	-	-	-	-	-	*	-	*	-	3.9	3.5	7.4	538
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	8
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.2	9.1	6.7	0.8	1.7	46.4	35.1	100.0	
TOTAL N	2	0	0	0	0	12	659	487	58	126	3353	2535		7232

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	0.5	5.2	5.3	2.0	2.0	14.9	6.6	36.6	2899
1.5 - 2.4	-	-	-	-	-	0.2	3.2	2.4	0.8	1.5	27.7	21.7	57.4	4542
2.5 - 3.4	-	-	-	-	-	-	0.1	*	-	-	2.2	3.5	5.7	455
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	0.2	0.1	0.3	23
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.7	8.4	7.7	2.8	3.5	45.0	31.8	100.0	
TOTAL N	0	0	0	0	0	53	668	611	224	281	3564	2518		7919

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	0.5	4.2	5.0	1.7	4.4	12.5	2.7	31.0	2392
1.5 - 2.4	-	-	-	-	-	0.2	1.9	2.2	0.5	3.7	35.7	13.2	57.4	4427
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.7	7.1	2.2	9.9	765
3.5 - 4.4	-	-	-	-	-	-	-	-	-	0.2	1.1	0.2	1.5	114
4.5 - 5.4	-	-	-	-	-	-	-	-	-	*	0.1	-	0.2	12
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.6	6.2	7.2	2.2	8.9	56.6	18.3	100.0	

TOTAL N 0 0 0 0 0 49 475 555 172 687 4363 1409 7710  
 (\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	*	-	-	-	-	*	2.6	3.6	1.5	4.7	8.6	2.4	23.5	1850
1.5 - 2.4	-	-	-	-	-	0.1	1.1	1.0	0.7	5.2	32.6	7.1	47.8	3764
2.5 - 3.4	-	-	-	-	-	-	*	0.1	0.1	1.1	15.2	3.5	19.9	1568
3.5 - 4.4	-	-	-	-	-	-	-	-	-	0.1	5.5	1.0	6.7	525
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.1	1.4	0.2	1.7	134
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	0.4	0.1	0.4	34
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.1	3.6	4.7	2.3	11.2	63.8	14.2	100.0	
TOTAL N	1	0	0	0	0	7	287	370	180	886	5028	1117		7876

(\* < 0.05%)

STATION: 46042

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

Month: NOV

WAVE HEIGHT	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	*	-	0.1	0.2	0.5	0.8	3.1	7.3	0.4	12.5	869
1.5 - 2.4	-	-	-	-	-	0.3	0.4	0.5	0.5	6.8	31.1	2.9	42.5	2949
2.5 - 3.4	-	-	-	-	-	0.3	0.4	0.2	0.2	2.6	22.9	3.1	29.7	2066
3.5 - 4.4	-	-	-	-	-	*	0.1	*	*	0.9	9.2	1.1	11.4	791
4.5 - 5.4	-	-	-	-	-	-	*	-	-	0.2	2.4	0.4	3.1	213
5.5 - 6.4	-	-	-	-	-	-	-	-	-	*	0.5	0.1	0.6	44
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	0.2	-	0.2	13
7.5 - 8.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.7	1.1	1.2	1.5	13.6	73.7	8.0	100.0	
TOTAL N	0	0	0	1	0	52	78	86	104	948	5122	555		6946

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	*	-	-	0.2	0.3	0.5	3.6	3.9	0.4	8.9	645
1.5 - 2.4	-	-	-	-	-	0.1	0.1	0.1	0.3	6.5	21.5	2.1	30.8	2229
2.5 - 3.4	-	-	-	-	-	*	0.4	0.1	0.4	4.1	26.7	1.6	33.4	2423
3.5 - 4.4	-	-	-	-	-	*	0.6	0.1	0.4	2.6	14.2	1.6	19.7	1428
4.5 - 5.4	-	-	-	-	-	*	0.2	*	-	0.6	4.1	0.4	5.3	382
5.5 - 6.4	-	-	-	-	-	-	-	-	-	0.2	1.0	0.2	1.4	100
6.5 - 7.4	-	-	-	-	-	-	*	*	-	0.3	0.2	*	0.5	38
7.5 - 8.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	3
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.2	1.5	0.7	1.6	18.0	71.6	6.3	100.0	
TOTAL N	0	0	0	1	0	17	110	54	114	1302	5190	460		7248

(\* < 0.05%)

STATION: 46042

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	*	-	-	-	-	-	-	-	-	-	*	-	0.0	2
0.5 - 1.4	*	-	-	*	-	0.1	2.4	2.8	1.2	3.2	7.8	2.2	19.7	15997
1.5 - 2.4	*	-	-	-	*	0.2	1.6	1.2	0.8	7.1	26.9	9.1	46.9	38073
2.5 - 3.4	*	-	-	-	-	0.1	0.3	0.1	0.3	3.3	15.5	3.0	22.6	18307
3.5 - 4.4	-	-	-	-	-	0.1	0.2	0.1	0.1	1.2	5.7	0.8	8.2	6629
4.5 - 5.4	-	-	-	-	-	*	0.1	*	*	0.3	1.5	0.2	2.1	1665
5.5 - 6.4	-	-	-	-	-	*	*	-	*	0.1	0.3	*	0.4	361
6.5 - 7.4	-	-	-	-	-	-	*	*	*	*	0.1	*	0.1	91
7.5 - 8.4	-	-	-	-	-	-	-	-	-	*	*	-	0.0	10
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.5	4.6	4.2	2.5	15.2	57.7	15.3	100.0	
TOTAL N	6	0	0	2	1	406	3704	3398	2008	12349	46833	12428		81135

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	*	-	*	0.3	0.2	0.5	3.2	2.8	0.2	7.3	1427
1.5 - 2.4	-	-	-	-	-	0.2	0.6	0.2	1.1	12.9	19.7	1.7	36.3	7115
2.5 - 3.4	-	-	-	-	-	0.3	0.9	0.4	0.9	8.7	21.0	1.4	33.5	6560
3.5 - 4.4	-	-	-	-	-	0.2	0.6	0.2	0.5	3.8	10.5	1.0	16.8	3293
4.5 - 5.4	-	-	-	-	-	0.1	0.2	*	0.1	1.0	3.1	0.3	4.7	913
5.5 - 6.4	-	-	-	-	-	*	-	-	-	0.3	0.6	0.1	1.0	204
6.5 - 7.4	-	-	-	-	-	-	*	*	*	0.2	0.1	*	0.3	63
7.5 - 8.4	-	-	-	-	-	-	-	-	-	*	*	-	0.0	9
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.7	2.6	1.0	3.1	30.1	57.8	4.7	100.0	
TOTAL N	0	0	0	1	0	140	508	201	598	5893	11319	924		19584

(\* < 0.05%)

STATION: 46042

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	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
0.5 - 1.4	*	-	-	-	-	0.1	1.7	3.0	1.8	4.1	4.0	0.9	15.7	2818
1.5 - 2.4	-	-	-	-	-	0.2	1.3	1.1	1.4	10.0	25.3	4.4	43.6	7833
2.5 - 3.4	*	-	-	-	-	0.1	0.3	0.1	0.1	3.5	20.7	3.7	28.4	5097
3.5 - 4.4	-	-	-	-	-	0.1	0.2	*	0.1	0.8	7.2	1.3	9.7	1737
4.5 - 5.4	-	-	-	-	-	*	0.1	*	0.1	0.1	1.5	0.3	2.1	374
5.5 - 6.4	-	-	-	-	-	-	*	-	*	-	0.4	0.1	0.4	79
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	14
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.4	3.7	4.3	3.4	18.5	59.1	10.6	100.0	
TOTAL N	3	0	0	0	0	79	660	766	619	3316	10609	1901		17953

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
0.5 - 1.4	-	-	-	-	-	0.2	4.8	4.7	1.1	1.6	13.7	5.5	31.5	6641
1.5 - 2.4	*	-	-	-	*	0.1	3.2	2.0	0.5	1.3	28.3	21.3	56.9	11985
2.5 - 3.4	*	-	-	-	-	-	*	*	*	0.1	6.6	3.9	10.7	2251
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	0.6	0.2	0.8	169
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	19
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.4	8.1	6.7	1.6	2.9	49.3	31.0	100.0	
TOTAL N	2	0	0	0	1	79	1696	1420	335	619	10392	6522		21066

(\* < 0.05%)

STATION: 46042

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	*	-	-	*	-	0.2	2.4	3.2	1.4	4.1	9.6	1.9	22.7	5111
1.5 - 2.4	-	-	-	-	-	0.2	1.2	1.2	0.6	5.2	33.2	7.9	49.4	11140
2.5 - 3.4	-	-	-	-	-	0.1	0.1	0.1	0.1	1.4	14.8	2.9	19.5	4399
3.5 - 4.4	-	-	-	-	-	*	*	*	*	0.4	5.2	0.7	6.3	1430
4.5 - 5.4	-	-	-	-	-	-	*	-	-	0.1	1.3	0.2	1.6	359
5.5 - 6.4	-	-	-	-	-	-	-	-	-	*	0.3	*	0.3	78
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	14
7.5 - 8.4	-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.5	3.7	4.5	2.0	11.2	64.4	13.7	100.0	
TOTAL N	1	0	0	1	0	108	840	1011	456	2521	14513	3081		22532

(\* < 0.05%)