

STATION: 46014

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (4/1981 - 12/2001) (165209 RECORDS, 99.3% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	-	-	-	-	3	999
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	999	-	-	-	-	2	999
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	3	999	-	-	-	-	5	999
20	-	-	-	-	-	-	-	-	2	#	-	-	-	-	1	#	4	999	4	999	-	-	-	-	11	999
19	-	-	1	#	-	-	1	#	3	999	-	-	-	-	20	999	12	999	5	999	-	-	-	-	42	999
18	-	-	-	-	-	-	4	999	14	999	1	#	-	-	98	999	130	999	25	999	4	#	-	-	276	999
17	-	-	5	999	1	#	4	999	59	999	12	999	21	#	238	992	461	990	129	997	30	999	2	#	962	998
16	3	#	14	999	5	999	18	999	71	994	56	999	143	999	506	976	1014	958	458	988	218	997	31	999	2537	992
15	44	999	57	998	40	999	26	998	219	989	341	995	1026	989	1607	942	1886	888	1625	955	955	981	160	998	7986	977
14	497	997	515	993	295	997	168	996	505	973	1442	970	1948	919	3071	834	3010	757	2742	837	1784	911	993	986	16970	928
13	1643	961	1404	949	1155	974	825	984	1750	935	2984	863	3718	788	4745	629	3794	549	3837	639	2889	778	2234	917	30978	826
12	2703	844	1785	830	2132	887	2121	923	3339	805	3936	642	4112	536	3079	311	2387	286	2759	362	3065	564	2826	760	34244	638
11	3838	652	3112	677	3644	725	4668	766	4282	556	3607	351	3068	258	1463	104	1411	121	1639	163	2575	337	3454	562	36761	431
10	2953	378	2400	411	3272	449	3893	422	2667	237	1021	84	657	50	89	6	301	24	462	44	1097	146	2240	320	21052	208
9	1488	168	1458	206	1790	201	1343	135	493	39	106	8	79	6	2	*	34	3	95	11	550	65	1134	163	8572	81
8	611	62	541	82	600	66	347	36	24	2	1	*	6	*	1	*	6	*	58	4	231	24	709	84	3135	29
7	203	19	213	36	201	20	111	10	1	*	-	-	-	-	-	-	-	-	-	-	77	7	253	34	1059	10
6	58	4	95	18	61	5	22	2	-	-	-	-	-	-	-	-	-	-	-	-	12	1	80	17	328	4
5	2	*	68	9	5	*	3	*	-	-	-	-	-	-	-	-	-	-	-	-	5	*	67	11	150	2
4	-	-	22	4	1	*	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	6	67	1
3	-	-	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	3	41	*
2	-	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	1	18	*
1	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1	9	*
MEAN	10.9		10.7		10.6		10.7		11.4		12.0		12.4		13.2		13.4		13.0		12.1		11.1		11.8	
S.D.	1.5		1.8		1.5		1.2		1.3		1.2		1.3		1.4		1.6		1.5		1.7		1.9		1.8	
TOTAL	14043		11711		13202		13555		13429		13507		14778		14920		14453		13846		13492		14273		165209	
MAX	15.8		18.5		17.0		18.9		19.7		17.6		17.4		19.5		21.8		23.5		17.6		16.5		23.5	
DATE	1986011302	1987020721	1987033020	2000040120	1997051719	1987060302	1981071613	1997082223	1983092104	1987100601	1982110400	1997120501	1987100601													
MIN	5.3		1.3		4.2		4.3		6.9		8.4		8.2		8.1		8.2		7.7		4.8		1.1		1.1	
DATE	1999012405	1989020411	1991032615	1999040821	1982050608	1991060716	2001070810	1981082219	1988092406	1999102003	1985111216	1990122118	1990122118													

STATION: 46014

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

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (4/1981 - 12/2001) (157757 RECORDS, 94.8% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	1	#
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	999	57	#	-	-	-	-	-	-	-	69	999
18	-	-	-	-	-	-	-	-	8	#	-	-	-	-	194	999	154	996	4	#	-	-	-	-	-	360	999
17	-	-	-	-	-	-	-	-	30	999	6	#	5	#	176	985	311	985	244	999	6	#	-	-	-	778	997
16	-	-	-	-	-	-	3	#	73	997	33	999	56	999	293	973	749	962	902	982	692	999	-	-	-	2801	992
15	8	#	-	-	8	#	9	999	197	991	381	997	721	996	860	952	1850	908	2017	917	1414	947	494	#	7959	975	
14	1011	999	1031	#	321	999	41	999	513	976	906	967	1619	944	1920	892	3346	773	2683	771	2437	841	1563	964	17391	924	
13	1918	923	1783	907	2204	974	1257	996	1840	935	1851	896	2509	829	3535	756	3920	530	2909	577	3552	657	4793	848	32071	814	
12	6180	779	3588	745	3171	797	2826	898	2520	790	2205	752	2804	650	3781	507	2354	245	3003	367	2589	389	4031	494	39052	611	
11	3130	315	3300	421	4112	543	4630	678	2931	592	3234	579	3805	450	2522	240	919	74	1947	150	1961	193	2324	196	34815	363	
10	1047	79	1152	122	2367	214	3113	317	2994	361	2678	326	2163	179	876	62	92	7	133	10	583	45	291	24	17489	142	
9	10	1	199	18	309	25	955	75	1507	125	1474	117	354	25	4	*	-	-	-	-	14	1	40	3	4866	32	
8	-	-	-	-	-	-	7	1	76	6	21	2	-	-	-	-	-	-	-	-	1	*	-	-	-	105	1
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	11.9		11.7		11.4		11.0		11.2		11.3		11.9		12.6		13.5		13.2		12.9		12.4		12.1		
S.D.	1.0		1.1		1.1		1.0		1.5		1.6		1.5		1.6		1.5		1.6		1.5		1.1		1.6		
TOTAL	13304		11053		12492		12841		12689		12789		14036		14174		13752		13842		13249		13536		157757		
MAX	14.5		14.4		15.0		15.9		18.1		16.8		16.7		19.5		19.1		17.7		16.9		15.2		19.5		
DATE	1998010700	1998021001	1983031600	1982042223	1997051721	1997060104	1992070520	1997082821	1990092600	1982100201	198110123	1997121205	1997082821														
MIN	9.4		8.9		8.7		8.4		8.2		8.3		8.6		9.4		9.8		9.7		7.6		9.0		7.6		
DATE	1991010418	2001021218	1985030315	1981040815	1991052712	1996061710	1988070115	2000081721	1981090114	2001102417	1998112116	1990123114	1998112116														

STATION: 46014

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

ELEMENT: AIR - SEA TEMPERATURE (DEGREES C) -- POR: (4/1981 - 12/2001) (157653 RECORDS, 94.8% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
8	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	3	#		
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	6	999	1	#	-	-	-	-	8	999	
6	-	-	1	#	2	#	-	-	3	#	-	-	-	-	-	2	999	2	999	1	999	-	-	-	-	11	999	
5	-	-	3	999	2	999	4	999	2	999	2	#	2	#	1	#	4	999	6	999	-	-	-	-	26	999		
4	4	#	12	999	3	999	9	999	6	999	61	999	35	999	29	999	20	999	20	999	4	999	2	#	205	999		
3	21	999	34	999	34	999	47	999	77	999	630	995	492	997	467	998	206	998	125	997	40	999	21	999	2194	998		
2	202	998	211	995	255	997	341	995	1132	993	2771	946	2592	962	2541	965	1283	983	913	988	402	997	119	998	12762	984		
1	1429	983	1255	976	1371	976	2367	969	4607	904	4427	729	4707	777	4393	786	3371	890	3133	922	1786	966	856	990	33702	904		
0	3328	875	2828	863	4118	866	5600	784	4638	540	3342	383	3590	442	3969	476	4147	644	4168	696	3604	831	2921	926	46253	690		
-1	3892	625	3231	607	4040	536	3077	348	1829	174	1205	121	1816	186	2095	195	2761	342	3036	395	3705	559	4394	710	35081	396		
-2	2729	333	2064	314	1815	213	1008	108	355	30	323	27	729	56	588	48	1420	141	1626	175	2249	279	2814	386	17720	174		
-3	1109	127	857	128	607	67	291	30	26	2	23	2	58	4	85	6	428	38	694	58	1093	110	1301	178	6572	61		
-4	416	44	337	50	190	19	75	7	1	*	-	-	-	-	1	*	90	7	90	7	306	27	752	82	2258	20		
-5	138	13	116	20	39	3	14	1	-	-	-	-	-	-	-	-	-	12	1	45	4	209	26	573	5			
-6	29	2	63	9	4	*	1	*	-	-	-	-	-	-	-	-	-	-	-	-	5	*	72	11	174	2		
-7	1	*	26	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	41	5	69	1		
-8	-	-	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	2	29	*		
-9	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	1	13	*		
-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
MEAN	-1.0		-0.9		-0.7		-0.2		0.3		0.8		0.6		0.5		-0.0		-0.2		-0.7		-1.3		-0.2			
S.D.	1.3		1.4		1.1		1.0		0.9		1.1		1.1		1.1		1.3		1.3		1.3		1.4		1.4			
TOTAL	13298		11049		12480		12835		12676		12784		14021		14169		13733		13833		13242		13533		157653			
MAX	4.1		6.2		6.2		7.6		6.1		4.7		4.7		4.9		7.0		8.0		6.5		3.6		8.0			
DATE	1986011302		1987020721		1987033020		2000040120		1982052421		2001062100		1988071821		1997081023		1983092104		1987100601		1998112116		1984120522		1987100601			
MIN	-6.5		-8.8		-6.0		-5.5		-4.2		-3.1		-3.4		-3.5		-4.3		-4.8		-6.7		-9.4		-9.4			
DATE	1997011316		1989020411		1991032615		1982040614		1982050608		2000062117		1992070915		1996080909		1993092603		1981102312		1983112016		1990122107		1990122107			

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

STATION: 46014

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C) -- POR: (2/1989 - 1/1992) (11376 RECORDS, 6.8% 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
17	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	-	-	2	#	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	11	999	-	-	-	-	-	-	-	-	-	-	11	999	
15	-	-	-	-	-	-	-	-	-	-	12	#	43	#	71	991	-	-	1	#	-	-	-	-	-	127	999	
14	-	-	-	-	-	-	-	-	-	-	45	986	113	975	95	943	32	#	12	999	2	#	-	-	-	299	988	
13	-	-	-	-	-	-	1	#	36	#	162	935	158	909	288	879	104	955	91	991	30	996	-	-	-	870	961	
12	-	-	-	-	-	-	65	999	89	951	235	751	377	816	501	684	217	810	143	927	60	931	-	-	-	1687	885	
11	12	#	-	-	51	#	148	910	91	829	259	484	568	595	463	344	321	506	283	827	141	800	-	-	-	2337	737	
10	35	977	17	#	226	966	287	708	162	704	150	189	382	262	45	30	41	57	246	628	95	495	12	#	1698	531		
9	112	909	42	978	231	817	100	316	217	482	16	18	66	39	-	-	-	-	188	456	43	289	71	972	1086	382		
8	101	692	66	925	208	664	98	179	105	185	-	-	-	-	-	-	-	-	104	324	23	195	103	810	808	286		
7	109	496	47	841	159	527	29	45	30	41	-	-	-	-	-	-	-	-	122	251	16	145	79	573	591	215		
6	94	285	40	781	135	422	4	5	-	-	-	-	-	-	-	-	-	-	122	165	21	111	49	392	465	164		
5	36	103	71	730	114	332	-	-	-	-	-	-	-	-	-	-	-	-	80	80	13	65	48	280	362	123		
4	8	33	45	639	134	257	-	-	-	-	-	-	-	-	-	-	-	-	30	24	4	37	35	170	256	91		
3	3	17	98	582	101	169	-	-	-	-	-	-	-	-	-	-	-	-	2	3	11	28	25	89	240	68		
2	6	12	84	457	53	102	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	4	13	32	158	47		
1	-	-	67	350	25	67	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	-	-	94	33		
0	-	-	37	265	16	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	54	25		
-1	-	-	34	218	17	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	20		
-2	-	-	46	175	27	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73	16		
-3	-	-	22	116	8	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	9		
-4	-	-	14	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	7		
-5	-	-	18	70	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	6		
-6	-	-	12	47	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	4		
-7	-	-	12	32	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	3		
-8	-	-	4	17	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1		
-9	-	-	5	11	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1		
-10	-	-	3	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	*		
-11	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*		
MEAN	7.4		2.7		6.5		9.8		9.7		11.6		11.4		12.1		11.6		9.3		9.9		6.6		9.3			
S.D.	1.7		4.3		3.2		1.3		1.5		1.2		1.3		1.2		0.9		2.4		2.3		2.0		3.4			
TOTAL	516		785		1513		732		730		879		1707		1476		715		1426		461		436		11376			
MAX	11.1		10.1		11.1		12.5		12.8		15.3		15.4		16.6		14.3		14.6		13.9		10.2		16.6			
DATE	1992010420		1990022409		1990030222		1990041120		1990053016		1990060701		1990070602		1991083023		1989092701		1990100202		1990110419		1991122714		1991083023			
MIN	1.5		-10.8		-9.9		5.8		6.8		8.8		8.6		10.0		9.7		1.2		0.9		0.4		-10.8			
DATE	1991010114		1989020820		1989030412		1990043015		1990051419		1990061912		1991070918		1989081602		1989090811		1990100918		1990110202		1990122923		1989020820			

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

STATION: 46014

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

ELEMENT: AIR - DEW POINT TEMPERATURE (DEGREES C) -- POR: (2/1989 - 1/1992) (11376 RECORDS, 6.8% 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
19	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
18	-	-	1	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
17	-	-	5	997	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	999	
16	-	-	7	991	1	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	999	
15	-	-	13	982	1	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	998	
14	-	-	20	966	2	997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	997	
13	-	-	12	940	19	995	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	32	995	
12	-	-	16	925	19	983	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	992	
11	-	-	17	904	20	970	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	#	-	39	989	
10	-	-	26	883	28	957	-	-	-	-	-	-	-	-	-	-	-	-	1	999	7	998	-	62	986	
9	-	-	55	850	42	939	-	-	-	-	-	-	-	-	-	-	-	-	22	998	6	983	-	125	980	
8	-	-	62	780	57	911	-	-	-	-	-	-	-	-	-	-	-	-	39	982	8	970	-	166	969	
7	2	#	68	701	21	873	-	-	-	-	-	-	-	-	-	-	-	-	79	955	13	952	5	#	188	955
6	23	996	78	614	33	859	1	#	-	-	1	#	-	-	-	-	-	-	149	900	11	924	39	989	335	938
5	44	952	98	515	101	837	7	999	2	#	1	999	-	-	-	-	-	-	129	795	12	900	72	899	466	909
4	84	866	104	390	189	771	23	989	12	997	1	998	-	-	-	-	-	-	154	705	29	874	98	734	694	868
3	104	703	65	257	172	646	98	958	85	981	42	997	27	#	28	#	7	#	154	597	69	811	96	509	947	807
2	119	502	22	175	299	532	165	824	321	864	190	949	355	984	246	981	106	990	228	489	123	662	84	289	2258	724
1	125	271	101	146	281	334	311	598	130	425	333	733	1007	776	647	814	282	842	232	329	109	395	42	96	3600	525
0	15	29	14	18	225	149	127	173	180	247	311	354	318	186	555	376	320	448	237	166	73	158	-	-	2375	209
MEAN	2.7		5.9		3.2		1.4		1.5		1.0		1.0		0.8		0.7		3.0		2.3		3.4		2.1	
S.D.	1.5		3.8		3.1		1.1		1.0		0.8		0.6		0.7		0.7		2.4		2.2		1.5		2.4	
TOTAL	516		785		1513		732		1730		879		1707		1476		715		1426		461		436		11376	
MAX	6.8		18.7		18.0		6.0		5.4		6.1		3.4		3.1		2.9		12.8		11.3		7.3		18.7	
DATE	1992010221	1989020820	1989030412	1990043015	1990050100	1990060218	1991070101	1989081602	1989092420	1990100918	1990110202	1991122223	1989020820													
MIN	0.2		0.3		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.5		0.0	
DATE	1992011411	1990022813	1991033123	1991040116	1990053012	1990062914	1990071314	1991083020	1989093017	1989102207	1990110807	1990122711	1991083020													

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

STATION: 46014

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (4/1981 - 12/2001) (165306 RECORDS, 99.4% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF		
1035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	2	#		
1034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	999	11	999	
1033	4	#	5	#	6	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	47	999	64	999		
1032	35	999	6	999	8	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	999	84	996	145	999		
1031	102	997	29	999	21	999	6	#	-	-	-	-	-	-	-	-	-	-	-	-	33	999	115	990	306	999		
1030	219	990	69	997	39	997	5	999	7	#	-	-	-	-	-	-	-	-	-	-	49	997	224	982	612	997		
1029	294	974	147	991	71	994	21	999	11	999	-	-	-	-	-	-	-	-	-	-	102	993	299	966	945	993		
1028	365	953	195	978	102	989	81	998	22	999	-	-	-	-	-	-	-	-	5	#	125	985	391	945	1286	987		
1027	603	927	299	961	218	981	170	992	22	997	-	-	-	-	-	-	-	-	23	999	353	976	633	918	2321	980		
1026	623	885	435	936	259	965	213	979	8	995	-	-	-	-	-	-	-	-	55	998	430	950	637	873	2660	966		
1025	763	840	550	899	364	945	347	963	41	995	12	#	-	-	-	-	-	-	2	#	77	994	485	918	717	829	3358	949
1024	848	786	671	852	696	918	486	938	142	992	37	999	16	#	-	-	-	-	5	999	180	988	654	882	902	779	4637	929
1023	910	725	713	794	816	865	691	902	236	981	42	996	53	999	7	#	16	999	233	975	737	834	838	715	5292	901		
1022	1005	661	814	734	875	803	997	851	465	964	169	993	131	995	63	999	53	998	481	959	907	779	982	657	6942	869		
1021	928	589	875	664	1031	737	1191	777	680	929	303	981	315	987	163	995	126	995	844	924	1118	924	1180	588	8754	827		
1020	872	523	741	589	912	659	1140	690	906	878	685	958	512	965	458	984	279	986	1046	863	1111	629	1042	505	9704	774		
1019	819	461	755	526	911	590	1192	606	1196	811	1092	908	867	931	803	954	555	967	1309	787	1079	546	876	432	11454	715		
1018	703	403	707	461	975	521	1347	518	1366	722	1336	827	1310	872	1356	900	979	928	1476	693	1031	466	794	371	13380	646		
1017	601	353	671	401	914	447	1190	418	1735	620	1433	728	1816	784	1907	809	1271	861	1593	586	965	390	704	315	14800	565		
1016	593	310	592	344	864	378	1028	331	1718	491	1856	622	2194	661	2091	682	1751	773	1666	471	859	318	588	266	15800	476		
1015	479	268	500	293	710	313	718	255	1401	364	1559	484	1978	513	1949	542	1676	652	1343	351	606	255	499	225	13418	380		
1014	511	234	406	250	568	259	674	202	1238	259	1553	369	1871	380	1808	411	1992	536	1042	254	456	210	460	190	12579	299		
1013	408	197	401	216	497	216	585	152	908	167	1264	254	1514	254	1648	290	1978	398	842	179	433	176	367	157	10845	223		
1012	329	168	258	181	400	178	357	109	487	100	816	160	1039	152	991	180	1346	262	537	118	352	144	305	132	7217	157		
1011	267	145	257	159	297	148	295	83	322	63	622	100	574	81	682	113	783	169	394	79	289	118	252	110	5034	114		
1010	227	126	238	137	287	125	277	61	200	40	343	54	360	43	523	68	640	114	268	51	236	96	223	93	3822	83		
1009	225	109	155	117	225	104	185	40	119	25	159	29	144	18	238	33	377	70	138	31	229	79	155	77	2349	60		
1008	197	93	165	104	182	87	131	27	68	16	82	17	91	9	135	17	233	44	100	21	140	62	133	66	1657	46		
1007	215	79	177	90	149	73	83	17	44	11	85	11	35	3	64	8	142	28	59	14	143	51	132	57	1328	36		
1006	160	64	133	75	139	62	56	11	36	7	24	4	4	*	34	3	103	18	39	10	120	41	102	48	950	28		
1005	133	53	144	63	118	51	43	7	30	5	14	3	-	-	16	1	73	11	17	7	77	32	87	40	752	22		
1004	133	43	92	51	117	42	26																					

1000	57	15	48	23	34	18	-	-	-	-	-	-	-	-	-	2	*	22	9	56	14	219	6		
999	46	11	43	19	37	16	-	-	-	-	-	-	-	-	-	2	*	14	7	45	10	187	5		
998	32	8	26	15	27	13	-	-	-	-	-	-	-	-	-	1	*	14	6	31	7	131	4		
997	29	6	21	13	17	11	-	-	-	-	-	-	-	-	-	-	-	16	5	24	5	107	3		
996	20	4	21	11	7	10	-	-	-	-	-	-	-	-	-	-	-	8	4	12	3	68	2		
995	13	2	17	9	11	9	-	-	-	-	-	-	-	-	-	-	-	10	3	8	2	59	2		
994	10	1	15	8	4	8	-	-	-	-	-	-	-	-	-	-	-	6	2	4	2	39	2		
993	10	1	23	6	19	8	-	-	-	-	-	-	-	-	-	-	-	7	2	3	1	62	1		
992	-	-	11	4	24	6	-	-	-	-	-	-	-	-	-	-	-	10	1	2	1	47	1		
991	-	-	4	3	31	5	-	-	-	-	-	-	-	-	-	-	-	3	1	5	1	43	1		
990	-	-	9	3	10	2	-	-	-	-	-	-	-	-	-	-	-	5	1	4	1	28	1		
989	-	-	6	2	9	2	-	-	-	-	-	-	-	-	-	-	-	2	*	4	*	21	*		
988	-	-	8	2	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*	21	*		
987	-	-	3	1	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	*		
986	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*		
985	-	-	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	*		
984	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*		
983	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*		
982	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*		
MEAN	1018.9		1017.9		1017.3		1018.0		1016.5		1015.4		1015.3		1015.0		1014.1		1016.6		1018.2		1019.5		1016.9
S.D.	7.0		7.0		6.3		4.5		3.4		3.1		2.8		2.8		3.1		3.7		5.8		6.6		5.2
TOTAL	14046		11705		13212		13558		13442		13507		14824		14936		14468		13849		13487		14272		165306
MAX	1033.2		1033.3		1033.2		1031.4		1030.3		1025.3		1024.3		1022.7		1024.8		1028.0		1032.7		1034.7		1034.7
DATE	1982012320		1999021020		1988030920		1999040920		1988050119		1981061320		1986071920		1999080221		1988092717		1982102718		1986112308		1998122418		1998122418
MIN	993.0		982.1		987.1		1002.1		1001.6		1002.6		1005.8		1004.8		1002.5		998.3		988.7		987.5		982.1
DATE	1992010506		1998020305		1991030112		1983041813		1995051304		1989062312		1984070605		1988083103		1986092411		1984101623		2001112414		1982122222		1998020305

STATION: 46014

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (4/1981 - 12/2001) (159977 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	
43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
42	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	2	#	
41	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
40	5	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	999	8	999	
39	4	999	2	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	999	3	999	16	999	
38	4	999	3	999	1	999	1	#	-	-	-	-	-	-	-	-	-	-	-	2	#	3	999	5	999	19	999
37	8	999	7	999	4	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	5	999	7	999	32	999	
36	8	998	5	999	3	999	3	999	-	-	-	-	-	-	-	-	-	-	-	-	9	999	3	999	31	999	
35	9	998	9	998	8	999	5	999	6	#	1	#	1	#	-	-	-	-	-	2	999	7	998	16	999	64	999
34	9	997	9	997	12	999	4	999	7	999	3	999	2	999	-	-	-	-	-	3	999	8	998	11	997	68	999
33	20	997	24	997	24	998	14	999	13	999	3	999	9	999	-	-	1	#	7	999	19	997	23	997	157	998	
32	24	995	20	994	29	996	22	998	16	998	11	999	6	999	-	-	4	999	3	999	14	996	30	995	179	998	
31	19	993	30	993	38	993	33	996	26	996	17	999	19	999	-	-	5	999	8	999	20	995	44	993	259	996	
30	25	992	43	990	53	990	55	993	57	994	26	997	21	998	2	#	12	999	8	998	22	993	67	990	391	995	
29	38	990	65	986	59	986	70	989	82	989	47	995	26	996	6	999	20	999	32	998	43	992	83	985	571	992	
28	55	988	80	980	90	981	110	984	119	982	93	991	76	994	16	999	33	997	34	995	41	988	111	979	858	989	
27	81	984	100	972	122	974	140	975	175	971	135	984	93	989	31	998	61	995	53	993	88	985	136	972	1215	983	
26	124	978	173	963	190	964	197	964	280	956	224	973	156	983	69	996	113	991	104	989	117	979	182	962	1929	976	
25	143	969	129	947	188	949	175	949	282	931	219	955	202	972	79	992	106	983	120	982	151	970	183	949	1977	964	
24	192	959	151	935	204	934	217	935	283	906	289	938	250	959	136	986	149	976	148	973	170	959	192	937	2381	951	
23	198	945	221	921	291	918	238	918	295	881	371	915	311	942	181	977	189	966	186	962	224	946	237	923	2942	937	
22	257	931	239	900	304	894	306	899	371	855	372	885	361	921	217	965	199	953	199	949	244	930	255	906	3324	918	
21	283	913	254	878	354	870	304	875	386	822	495	856	418	897	313	951	234	939	233	934	307	912	283	889	3864	897	
20	322	893	281	854	392	842	358	851	381	788	431	816	459	869	358	930	246	923	263	918	313	889	341	869	4145	873	
19	505	870	391	828	503	810	459	823	458	755	587	782	580	838	497	906	356	907	319	899	456	866	425	845	5536	847	
18	471	834	364	792	429	770	418	787	431	714	530	735	548	799	471	873	346	882	307	876	388	832	420	815	5123	813	
17	507	800	373	758	481	735	460	755	440	676	546	693	590	762	517	841	386	859	320	853	444	803	431	786	5495	781	
16	565	764	394	723	499	697	505	719	490	637	593	649	662	722	632	806	417	833	403	830	457	770	423	755	6040	746	
15	506	724	381	687	482	657	582	679	483	594	588	602	745	677	741	764	453	804	408	801	462	736	474	726	6305	709	
14	554	688	423	651	501	618	585	633	479	552	559	555	768	627	809	715	560	773	453	772	552	702	475	693	6718	669	
13	566	648	466	612	542	578	635	587	496	509	570	511	690	576	780	660	647	735	502	739	526	661	528	659	6948	627	
12	775	608	530	569	668	534	771	538	565	465	650	465	798	529	946	608	729	691	644	703	645	622	594	622	8315	584	
11	652	552	459	519	575	481	565	477	494	416	473	414	634	475	740	545	671	641	643	656	570	574	577	581	7053	532	
10	659	506	486	477	630	435	616	433	438	372	511	376	620	433	765	495	755	596	685	610	580	532	667	540	7412	488	
9	718	459	493	431	590	384	609	385	447	333	473	335	585	391	697	444	777	544	834	560	613	489	723	494	7559	441	
8	707	408	552	386	657	337	546	337	480	294	501	298	587	352	621	398	792	491	832	500	764	444	851	443	7890	394	
7	776	357	637	334	587	284	609	294	472	252	489	258	617	312	726	356	905	438	903	440	787	387	921	383	8429	345	
6	792	302	594	275	649	237	656	246	438	210	493	219	655	270	773	307	892	376	943	3							

S.D.	6.9	7.3	7.2	7.1	7.5	7.2	7.0	6.2	6.4	6.5	7.0	7.3	7.1
TOTAL	14031	10752	12466	12755	11330	12551	14850	14943	14688	13850	13488	14273	159977
MAX	42.0	39.5	39.1	37.7	35.0	34.6	34.8	30.1	32.5	38.3	40.4	42.4	42.4
DATE	1983012613	1994021705	1985030204	1982041101	1982050822	1991061302	1983071501	1993082500	1982091023	1989102308	1983111019	1995121212	1995121212
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	1997012403	2001020905	2001032300	2001041508	2001053116	2000062611	2001073011	2001081101	2000092607	2001102911	2000111923	2000121001	2001102911

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

STATION: 46014

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: (4/1981 - 12/2001) (159814 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		
65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#		
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
58	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
55	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	2	999	2	999
54	4	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	5	999	5	999
53	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	3	999	3	999
52	4	999	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	999	6	999
51	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999	4	999	4	999
50	3	999	2	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	1	999	10	999	10	999	
49	5	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	4	999	3	999	14	999	14	999
48	3	999	5	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	8	999	21	999	21	999
47	4	999	5	999	4	999	-	-	-	-	-	-	-	-	-	-	-	-	1	999	5	999	9	999	28	999	28	999
46	8	998	3	998	4	999	3	#	-	-	-	-	-	-	-	-	-	-	-	4	999	7	998	29	999	29	999	
45	9	998	7	998	11	999	-	-	3	#	-	-	-	-	-	-	-	-	1	999	6	998	8	998	45	999	45	999
44	13	997	5	997	4	998	5	999	6	999	2	#	-	-	-	-	-	-	1	999	10	998	8	997	54	999	54	999
43	7	996	12	997	12	998	9	999	2	999	-	-	2	#	-	-	-	-	3	999	11	997	14	997	72	999	72	999
42	14	996	17	996	15	997	6	999	9	999	3	999	3	999	-	-	-	-	2	999	10	996	16	996	95	998	95	998
41	22	995	18	994	21	996	12	998	14	998	7	999	6	999	-	-	1	#	4	999	13	996	15	995	133	998	133	998
40	14	993	19	992	35	994	31	997	16	997	7	999	6	999	-	-	4	999	6	999	10	995	45	994	193	997	193	997
39	16	992	32	991	30	991	33	995	20	996	17	998	10	999	-	-	9	999	5	999	21	994	28	990	221	996	221	996
38	20	991	29	988	43	989	45	992	42	994	24	997	20	998	-	-	7	999	10	998	28	992	56	988	324	994	324	994
37	32	989	47	985	45	985	46	989	50	990	28	995	18	997	3	#	7	999	16	998	19	990	67	985	378	992	378	992
36	60	987	60	981	68	982	59	985	69	986	24	993	31	996	8	999	19	998	15	996	37	989	59	980	509	990	509	990
35	36	983	66	975	79	976	81	980	79	980	65	991	35	994	8	999	30	997	23	995	41	986	100	976	643	987	643	987
34	62	980	82	969	88	970	103	974	121	973	99	986	59	991	14	999	42	995	44	994	49	983	107	969	870	983	870	983
33	86	976	111	961	130	963	139	966	190	962	151	978	122	987	26	998	60	992	55	990	102	979	119	961	1291	977	1291	977
32	108	970	87	951	130	953	133	955	184	945	142	966	100	979	50	996	71	988	75	986	98	972	114	953	1292	969	1292	969
31	99	962	100	943	127	942	132	945	185	929	147	955	130	972	59	993	77	983	94	981	91	964	132	945	1373	961	1373	961
30	141	955	129	934	165	932	195	934	247	913	181	943	184	963	71	989	108	978	114	974	130	958	150	936	1815	952	1815	952
29	143	945	148	922	196	919	180	919	222	891	232	928	195	951	97	984	128	970	139	966	139	948	157	925	1976	941	1976	941
28	201	935	194	908	238	903	206	905	234	871	310	910	266	938	159	977	160	962	152	956	202	938	209	914	2531	929	2531	929
27	203	920	223	890	247	884	248	889	292	850	353	885	279	920	186	967	156	951	156	945	198	923	236	899	2777	913	2777	913
26	271	906	220	869	346	864	294	869	373	825	427	857	422	901	259	954	214	940	217	934	288	908	281	883	3612	895	3612	895
25	278	887	226	849	300	836	269	846	309	792	383	823	360	873	274	937	186	925	178	918	279	887	247	863	3289	873	3289	873
24	311	867	247	828	294	812	288	825	317	764	401	793	378	848	328	919	220	913	212	905	255	866	290	846	3541	852	3541	852
23	340	845	263	805	353	789	290	803	317	736	381	761	380	823	373	897	274	898	229	890	306	847	306	826	3812	830	3812	830
22	388	820	278	780	382	760	351	780	367	708	430	730	484	797	404	872	269	879	240	873	330	824	341	804	4264	806	4264	806
21	406	793	331	754	356	730	370	752	324	676	449	696	470	765	426	845	328	861	257	856	351	800	349	780	4417	780	4417	780
20	409	764	331	723	401	701	387	723	372	647	457	660	505	733	467	816	294	838	297	837	381	773	352	756	4653	752	4653	752
19	543	735	372	693	472	669	520	693	459	614	535	624	656	699	690	785	451	818	409	816	466	745	448	731	6021	723	6021	723
18	413	696	327	658	412	631	470	652	408	574	476	581	656	655	608	739	403	788	352	786	395	710	389	700	5309	685	5309	685
17	501	666	371	628	427	598	477	615	382	538	464	543	617	611	677	698	495	760	384	761	443	681	401	672	5639	652	5639	652
16	496	631	362	593	447	564	504	578	392	504	447	506	543	569	609	652	510	726	418	733	455	648	437	644	5620	617	5620	617
15	484	595	398	559	462	528	560	538	387	469	445	470	536	532	633	612	517	692	461	703	431	614	467	614	5781	581	5781	581
14	542	561	388	522	474	491	495	495	387	435	425	435	585	496	677	569	515	656	515	669	463	582	461	581	5927	545	5927	545
13	572	522	409	486	510	453	515	456	383	401	392	401	523	457														

2	166	20	118	18	118	16	158	21	130	23	198	27	273	33	299	34	353	40	309	37	219	23	182	19	2523	26
1	77	8	48	7	60	6	78	9	76	11	87	11	136	14	132	14	163	16	152	15	72	7	67	7	1148	11
0	32	2	24	2	16	1	31	2	51	5	51	4	78	5	80	5	74	5	54	4	20	1	28	2	539	3
MEAN	14.5		15.5		16.0		15.6		16.9		16.4		15.0		13.4		12.4		12.4		14.1		14.6		14.6	14.6
S.D.	8.5		8.9		8.8		8.7		9.2		8.7		8.3		7.4		7.7		7.7		8.5		8.9		8.5	8.5
TOTAL	14020		10749		12461		12752		11319		12540		14837		14925		14666		13830		13447		14268		159814	
MAX	54.0		57.5		49.8		45.7		45.1		43.7		43.0		37.1		41.2		48.8		53.7		64.5		64.5	
DATE	1983012616	1986021422	1985030204	1999040402	2001050200	1991061300	1983071502	1991081004	1982091023	1989102308	1983111019	1995121212	1995121212													
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	0.0
DATE	1988010512	1989021119	2001032300	1996040916	1987053006	2000060514	2000071316	2000083114	2000090307	1999101116	1981111908	2000120411	2001032300													

STATION: 46014

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

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (8/1998 - 12/2001) (28956 RECORDS, 16.4% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#	
52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	999	
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999	
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999	
48	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999	4	999	
47	-	-	1	#	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	-	-	7	999	
46	-	-	-	-	2	999	1	#	1	#	-	-	-	-	-	-	-	-	-	-	-	-	2	999	6	999	
45	1	999	-	-	2	998	3	999	1	999	-	-	-	-	-	-	-	-	-	-	1	997	-	-	8	999	
44	2	999	1	999	2	997	1	998	2	999	-	-	-	-	-	-	-	-	-	-	4	997	2	999	14	999	
43	1	998	3	999	2	996	3	998	3	998	-	-	-	-	-	-	-	-	-	-	5	995	1	998	18	999	
42	2	997	3	998	5	995	4	996	1	997	-	-	-	-	-	-	-	-	1	#	4	994	6	998	26	998	
41	5	996	3	996	2	993	8	994	2	996	-	-	-	-	-	-	-	-	1	999	6	992	7	996	34	997	
40	2	994	8	995	11	992	5	991	7	995	1	#	-	-	-	-	-	-	-	-	10	990	13	993	57	996	
39	5	993	11	991	8	987	11	988	8	992	-	-	-	-	-	-	-	-	2	999	9	987	13	989	67	994	
38	9	991	6	985	9	984	8	983	17	989	4	999	3	#	-	-	-	-	4	999	12	984	14	984	86	992	
37	9	987	21	982	14	980	10	979	15	981	11	998	3	999	-	-	1	#	5	997	13	979	22	980	124	989	
36	11	983	11	972	20	973	14	975	22	974	4	993	3	997	5	#	4	999	4	995	14	975	20	972	132	984	
35	7	978	13	966	21	964	12	968	32	964	17	991	5	996	6	998	5	998	12	994	15	970	21	965	166	980	
34	14	974	20	960	25	954	26	962	27	949	20	983	13	994	4	996	11	996	13	990	16	965	24	958	213	974	
33	27	968	37	950	32	943	24	950	46	937	35	973	18	988	10	994	16	993	27	985	32	959	27	950	331	967	
32	18	956	30	932	38	929	30	939	48	916	34	957	13	980	15	990	9	987	21	975	27	948	34	941	317	955	
31	29	948	33	917	37	911	19	925	52	894	34	941	23	974	27	984	16	984	26	968	31	938	33	930	360	944	
30	26	934	30	900	37	894	37	916	67	870	68	925	25	963	33	973	18	978	30	959	44	927	41	918	456	932	
29	28	922	37	885	42	878	35	898	48	840	65	893	26	952	42	960	15	971	30	948	48	912	35	905	451	916	
28	33	910	40	867	56	858	35	882	63	818	79	863	47	940	47	943	25	966	35	937	58	895	51	893	559	901	
27	45	895	41	847	61	833	33	865	80	789	78	826	34	919	51	924	30	957	29	925	39	875	35	875	556	881	
26	40	874	72	827	78	805	40	850	88	752	88	790	66	904	75	903	53	947	35	914	59	861	64	864	758	862	
25	44	856	60	791	83	770	47	831	60	712	76	749	59	874	60	873	41	928	39	902	42	840	57	842	668	835	
24	67	836	68	761	72	732	37	809	59	685	78	713	80	847	78	849	47	913	55	888	45	826	52	823	738	812	
23	44	805	61	728	81	699	37	791	67	658	73	677	67	811	86	818	72	896	54	868	61	810	64	805	767	787	
22	60	785	67	697	65	662	66	774	57	627	63	643	74	780	82	783	62	871	57	849	68	788	49	783	770	760	
21	77	758	65	664	62	633	55	743	43	601	68	613	93	747	92	750	67	848	56	828	67	765	72	767	817	734	
20	58	723	80	632	78	604	94	717	89	581	68	581	87	705	96	713	59	825	48	808	80	741	73	742	910	706	
19	97	696	71	592	107	569	120	673	99	541	92	550	133	665	113	675	75	804	94	791	101	713	89	718	1191	674	
18	78	652	70	557	68	520	83	616	67	495	74	507	121	605	95	629	96	777	63	758	91	678	80	687	986	633	
17	74	616	77	522	70	489	99	577	74	465	79	472	109	550	108	591	113	743	96	735	87	646	78	660	1064	599	
16	90	582	86	484	79	457	113	530	88	431	83	435	83	501	109	548	108	702	115	701	86	615	96	634	1136	562	
15	82	541	107	441	86	421	106	477	74	391	64	396	73	463	111	504	110	664	104	660	107	585	118	601	1142	523	
14	100	504	81	388	95	382	103	427	99	357	69	366	75	430	100	459	105	625	128	623	81	547	136	561	1172	484	
13	100	458	95	348	91	339	86	379	74	312	47	334	77	396	88	419	149	587	139	577	107	519	117	515	1170	443	
12	127	413	112	301	93	298	96	338	90	278	81	312	100	361	103	384	163	534	162	527	164	481	177	476	1468	403	
11	100	355	85	246	93	255	76	293	70	237	70	274	78	316	92	342	145	476	168	469	171	424	180	416	1328	352	
10	120	309	84	203	88	213	76	257	70	205	62	242	84	281	92	305	155	424	149	409	182	364	176	355	1338	306	
9	113	254	79	162	85	173	80	221	54	173	79	213	71	243	96	268	146	369	151	356	156	300	198	295	1308	260	
8	114	203	70	123	84	134	82	184	61	148	66	176	84	211	99	230	164	317	187	302	190	245	179	228	1380	215	
7	110	151	62	88	75	96	76	145	57	120	75	145	87	173	94	190	166	258	184	235	167	179	166	168	1319	167	
6	86	100	48	57	60	62	74	109	67	94	77	110	89	133	103	152	177	199	151	169	130	120	122	111	1184	122	
5	83	61	49	33	39	35	73	74	70	64	82	74	86	93	106	111	181	136	164	115	112	74	126	70	1171	81	
4	33	23	13	9	20	17	43	40	37	32	39	36	60	54	88	68	109	72	91	57	60	35	48	27	641	40	

MIN 1.9 1.7 1.2 0.6 1.9 1.4 0.2 0.6 0.6 0.6 1.6 1.4 0.2  
 DATE 1999010419 2001020904 2001032302 2000040900 2000050811 2000060713 2000070708 2000083108 2000090306 1999102401 2000112000 1999122201 2000070708  
 (\* < 0.05% , # = 100.0%)

STATION: 46014

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

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS) -- POR: (4/1981 - 12/2001) (159656 RECORDS, 96.0% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
11.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
10.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#
10.0	3	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	4	999	
9.5	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	8	999	
9.0	5	999	3	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	2	#	1	999	13	999	
8.5	4	999	4	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	8	999	14	999	34	999	
8.0	13	999	5	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	16	999	16	998	54	999	
7.5	14	998	16	999	6	#	1	#	-	-	-	-	-	-	-	-	-	-	4	999	12	998	33	997	86	999	
7.0	38	997	17	998	23	999	-	-	-	-	-	-	-	-	-	-	-	-	8	999	36	997	56	995	178	999	
6.5	82	994	84	996	24	998	9	999	-	-	-	-	-	-	-	-	1	#	15	998	73	994	95	991	383	998	
6.0	120	988	153	989	54	996	16	999	1	#	-	-	-	-	-	-	4	999	25	997	111	989	183	984	667	995	
5.5	240	980	247	975	157	991	40	998	14	999	-	-	-	-	-	-	13	999	45	995	153	981	348	972	1257	991	
5.0	436	963	365	953	384	979	118	994	28	999	9	#	1	#	-	-	24	999	90	992	316	969	559	947	2330	983	
4.5	808	932	540	921	597	948	265	984	141	996	55	999	16	999	2	#	51	997	199	986	511	946	987	908	4172	969	
4.0	1103	874	977	873	1019	900	485	962	386	985	243	995	100	999	25	999	192	993	447	971	875	907	1458	838	7310	942	
3.5	1632	795	1470	786	1579	818	932	921	820	953	736	977	474	992	167	998	500	980	921	939	1401	842	1830	736	12462	897	
3.0	2200	678	1705	655	2184	691	1557	843	1517	885	1683	922	1376	959	802	987	1224	945	1472	872	2159	737	2296	607	20175	819	
2.5	2464	521	2111	504	2415	515	2193	712	2184	759	2716	796	2745	864	2069	932	2193	859	2553	764	2594	575	2398	446	28635	692	
2.0	2607	345	1925	316	2016	321	2876	527	2722	578	3095	593	3683	675	3697	790	3160	705	3318	578	2449	381	2025	277	33573	513	
1.5	1679	159	1151	146	1340	158	2313	284	2863	353	2699	361	3489	420	4453	538	3950	484	3122	337	2004	197	1335	135	30398	303	
1.0	482	39	397	43	534	50	1013	90	1298	116	1964	159	2424	179	3098	233	2730	207	1415	110	601	47	547	41	16503	112	
0.5	62	4	90	8	91	7	50	4	99	8	167	12	169	12	309	21	215	15	90	7	29	2	33	2	1404	9	
0.0	-	-	1	*	2	*	-	-	1	*	-	-	1	*	-	-	-	-	-	-	2	*	2	*	9	*	
MEAN	2.9		2.9		2.8		2.3		2.2		2.1		1.9		1.8		1.9		2.2		2.7		3.1		2.4		
S.D.	1.2		1.2		1.1		0.9		0.8		0.8		0.7		0.6		0.8		0.9		1.1		1.2		1.1		
TOTAL	13995		11261		12425		11868		12074		13367		14478		14622		14257		13734		13352		14223		159656		
MAX	10.1		9.2		7.7		7.3		6.2		5.1		4.8		4.5		6.3		9.1		9.2		10.3		10.3		
DATE	1990013100		1984022423		1995032320		1999040603		2001050202		1984060103		1994071504		1993082502		1986092523		2000102907		1981111418		1995121306		1995121306		
MIN	0.4		0.0		0.0		0.4		0.0		0.4		0.0		0.3		0.4		0.4		0.0		0.0		0.0		
DATE	1984011912		1997021403		1998030206		1984043020		1996052116		1983061503		1998070923		1983082810		1981090815		1981101918		1997112023		1996123113		1998070923		

STATION: 46014

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

ELEMENT: AVERAGE WAVE PERIOD (SECONDS) -- POR: (4/1981 - 12/2001) (159642 RECORDS, 96.0% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
18	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
17	5	999	-	-	3	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	999
16	2	999	-	-	5	999	-	-	-	-	1	#	-	-	-	-	4	#	-	-	1	#	8	#	21	999	
15	15	999	-	-	5	999	-	-	-	-	-	-	-	-	-	12	999	4	#	9	999	14	999	59	999		
14	49	998	6	#	16	999	27	#	-	-	-	-	-	-	27	999	11	999	24	999	79	998	239	999			
13	116	995	108	999	47	998	32	998	4	#	-	-	-	-	-	68	997	43	999	98	997	246	993	762	998		
12	457	987	389	990	197	994	110	995	18	999	2	999	-	-	12	#	98	992	185	996	297	990	646	976	2411	993	
11	1161	954	922	955	596	978	297	986	64	998	42	999	1	#	67	999	163	985	579	982	693	968	1231	930	5816	978	
10	2032	871	1522	873	1436	930	762	961	256	993	98	997	20	999	142	995	453	974	1171	940	1604	916	2301	843	11797	942	
9	2762	726	2399	738	2368	814	1562	897	693	972	400	989	224	999	355	985	1134	942	2139	855	2658	796	2995	682	19689	868	
8	2956	528	2469	525	3070	624	2390	765	1749	914	1227	959	1308	983	1457	961	2681	863	3064	699	3001	597	3161	471	28533	744	
7	2474	317	2148	306	3065	377	3109	564	3075	769	3147	868	3819	893	3146	861	4181	675	3433	476	2929	372	2354	248	36880	566	
6	1576	140	1083	115	1346	130	2828	302	4416	515	5614	632	5741	629	5898	646	3967	381	2404	226	1643	153	927	83	37443	335	
5	348	28	208	19	255	22	718	63	1597	149	2581	212	3174	232	3332	242	1368	103	642	51	368	30	228	17	14819	100	
4	41	3	5	1	14	1	33	3	189	17	253	19	190	13	213	15	101	7	59	4	25	2	18	1	1141	7	
3	-	-	-	-	-	-	-	-	12	1	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	14	*
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
0	-	-	1	*	2	*	-	-	1	*	-	-	1	*	-	-	-	-	-	-	-	2	*	2	*	9	*
MEAN	8.4		8.4		8.1		7.4		6.6		6.3		6.2		6.2		7.0		7.7		8.1		8.7		7.4		
S.D.	1.8		1.7		1.5		1.5		1.3		1.1		1.0		1.1		1.5		1.6		1.6		1.7		1.7		
TOTAL	13995		11260		12425		11868		12074		13367		14478		14622		14257		13734		13352		14210		159642		
MAX	17.8		14.2		17.0		14.3		13.1		15.7		10.5		12.2		16.0		15.3		15.6		16.1		17.8		
DATE	2001011823		1984022719		1999032109		1991040509		1989050121		1984060605		1985070809		1984082906		1990092519		1999102812		2000112319		1986121102		2001011823		
MIN	3.6		0.0		0.0		3.6		0.0		3.2		0.0		3.7		3.5		3.8		0.0		0.0		0.0		
DATE	1984011510		1997021403		1998030206		1984042918		1996052116		1983061507		1998070923		1983082612		1982090223		1983100921		1997112023		1996123113		1998070923		

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

STATION: 46014

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

ELEMENT: DOMINANT WAVE PERIOD (SECONDS) -- POR: (4/1981 - 12/2001) (159616 RECORDS, 95.9% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
25	76	#	28	#	40	#	12	#	3	#	-	-	-	-	-	-	40	#	14	#	20	#	60	#	293	#	
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	998
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	998
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	998
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	998
20	668	995	484	998	473	997	225	999	105	999	77	#	61	#	146	#	181	997	241	999	294	999	632	996	3587	998	
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	976
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	976
17	1997	947	1690	955	1501	959	936	980	683	991	539	994	510	996	584	990	847	984	1003	981	1362	976	2163	951	13815	976	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	889
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	889
14	3956	804	3240	804	3190	838	2197	901	1062	934	762	954	630	961	621	950	1320	925	2291	908	2933	874	4154	799	26356	889	
13	3385	521	2564	517	2906	581	2571	716	1153	846	771	897	301	917	449	908	1373	832	2923	742	3377	655	3352	507	25125	724	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	567
11	1455	280	1251	289	1839	347	1804	499	1620	751	1078	839	676	896	610	877	1501	736	2330	529	2241	402	1586	271	17991	567	
10	815	176	665	178	947	199	1366	347	1514	617	1487	758	1396	850	1438	835	1937	631	1453	359	1162	234	814	160	14994	454	
9	572	117	466	119	462	123	834	232	1433	491	1869	647	2215	753	1941	737	1928	495	1173	253	634	147	611	103	14138	360	
8	560	76	571	77	581	86	966	162	2303	373	3210	507	4251	600	3968	604	2646	360	1271	168	699	99	520	60	21546	271	
7	318	36	191	27	275	39	550	80	1310	182	2047	267	2675	306	2810	333	1524	174	647	75	354	47	174	23	12875	136	
6	123	14	92	10	147	17	334	34	697	73	1198	114	1464	121	1643	140	733	67	314	28	193	21	123	11	7061	56	
5	52	5	15	2	51	5	63	6	164	16	279	24	281	20	380	28	204	16	64	5	75	6	23	2	1651	11	
4	14	1	2	*	11	1	5	*	13	2	38	3	11	1	29	2	21	1	6	*	4	*	5	*	159	1	
3	3	*	-	-	-	-	-	-	10	1	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	16	*
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
0	-	-	1	*	2	*	-	-	1	*	-	-	1	*	-	-	-	-	-	-	2	*	2	*	9	*	
MEAN	13.2		13.2		12.8		11.7		10.1		9.3		8.8		8.8		10.2		11.6		12.4		13.3		11.2		
S.D.	3.1		3.0		3.0		3.0		3.0		2.8		2.6		2.8		3.2		2.9		2.9		3.0		3.4		
TOTAL	13994		11260		12425		11863		12071		13358		14472		14619		14255		13730		13350		14219		159616		
MAX	25.0		25.0		25.0		25.0		25.0		20.0		20.0		20.0		25.0		25.0		25.0		25.0		25.0		
DATE	2001011820		2000021407		2001030705		1991040422		1989050103		2000062820		1999072420		2001080320		2000092801		1998103000		2000112310		2001122702		2001122702		
MIN	3.3		0.0		0.0		4.2		0.0		2.9		0.0		3.6		3.7		4.2		0.0		0.0		0.0		
DATE	1984011506		1997021403		1998030206		2001042016		1996052116		1987060518		1998070923		1983082611		2000092617		1984102821		1997112023		1996123113		1998070923		

ELEMENT SUMMARY FOR STATION: 46014

- (A) TOTAL STDNET RECORDS READ = 166365
- (B) TOTAL CWIND RECORDS READ = 176163
- (C) TOTAL RECORDS USED IN STATS = 342528

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	165209	157757	157653	11376	165306	159977	159814	28956	159656	159642	159616	0
(E) ELEMENT OUT OF RANGE	1156	8608	8712	154989	1059	6388	6551	147207	6709	6723	6749	166365

STATION: 46014 -- POR (4/1981 - 12/2001)

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

ELEMENT: AIR TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1981	MEAN	-	-	-	10.5	11.1	12.3	11.3	12.8	12.8	13.6	13.3	12.2	12.2
	MAXIMUM	-	-	-	13.2	13.5	16.5	17.4	15.8	17.0	16.3	17.6	15.0	17.6
	DAY-HR	-	-	-	29-01	18-20	09-00	16-13	14-21	29-00	31-20	02-00	18-06	NOV
	MINIMUM	-	-	-	7.9	8.6	9.5	8.7	8.1	9.4	10.5	9.1	8.3	7.9
	DAY-HR	-	-	-	11-14	17-14	30-15	23-17	22-19	06-12	14-15	28-13	23-13	APR
# OBS	-	-	-	696	741	717	661	707	357	718	719	735	6051	
1982	MEAN	9.8	11.2	10.6	11.0	10.6	11.9	13.3	13.7	14.6	14.4	13.0	12.0	12.2
	MAXIMUM	13.2	14.4	15.6	18.4	16.8	15.3	15.6	17.2	18.2	18.3	17.6	14.4	18.4
	DAY-HR	30-23	16-01	06-22	21-23	24-21	25-22	22-00	30-00	25-01	23-04	04-00	22-20	APR
	MINIMUM	5.7	7.9	5.5	6.2	6.9	9.3	9.1	10.4	10.9	10.4	7.0	7.4	5.5
	DAY-HR	20-18	10-15	16-08	06-14	06-08	09-09	19-17	22-14	14-07	12-17	08-14	29-16	MAR
# OBS	740	667	701	715	731	719	742	743	719	742	720	744	8683	
1983	MEAN	12.1	12.8	12.4	11.7	12.0	12.9	14.0	14.7	15.1	14.5	13.4	11.7	13.1



	MAXIMUM	14.9	15.0	15.3	15.6	15.2	15.3	15.6	17.6	21.8	18.6	16.6	14.5	21.8
	DAY-HR	23-22	28-21	08-20	19-21	20-23	30-01	04-02	29-01	21-04	10-20	01-22	25-00	SEP
	MINIMUM	6.8	9.6	8.8	8.3	9.0	10.8	11.3	11.2	10.9	11.6	8.2	4.8	4.8
	DAY-HR	20-16	05-17	18-15	23-16	22-15	14-14	18-14	13-13	17-14	21-13	20-16	23-13	DEC
	# OBS	739	667	736	710	692	659	722	742	718	741	714	635	8475
1984	MEAN	11.3	10.5	11.3	10.3	11.9	11.4	12.4	13.4	13.7	12.9	12.1	10.2	11.8
	MAXIMUM	14.7	13.7	14.7	14.8	17.0	13.5	17.2	16.0	16.5	16.6	15.3	16.0	17.2
	DAY-HR	28-23	27-23	05-01	15-02	29-02	30-01	15-20	31-23	18-22	10-01	16-22	05-22	JUL
	MINIMUM	8.0	6.8	7.4	7.9	9.4	9.2	9.6	10.7	9.8	9.0	7.2	5.8	5.8
	DAY-HR	14-12	16-19	31-19	03-13	16-15	26-15	04-08	10-16	29-11	16-14	26-11	18-20	DEC
	# OBS	741	694	739	720	738	717	741	739	717	743	716	739	8744
1985	MEAN	10.2	9.6	9.0	9.9	10.8	11.9	12.0	13.2	13.0	12.2	9.6	9.7	10.7
	MAXIMUM	13.9	13.5	12.3	12.0	13.2	16.1	16.0	15.5	16.0	18.0	12.5	14.1	18.0
	DAY-HR	04-22	27-19	09-17	18-20	23-21	05-23	31-00	01-01	15-01	04-19	02-23	17-23	OCT
	MINIMUM	6.4	5.8	5.1	7.4	8.2	9.0	9.0	11.6	9.7	9.1	4.8	6.3	4.8
	DAY-HR	28-15	10-17	05-19	21-00	09-15	26-16	18-17	03-15	25-14	29-16	12-16	12-14	NOV
	# OBS	737	671	738	717	623	716	739	166	602	743	719	744	7915
1986	MEAN	11.6	11.5	11.6	10.0	10.7	12.6	12.1	12.2	13.3	12.4	12.4	11.7	11.8
	MAXIMUM	15.8	15.5	14.5	13.0	15.3	15.6	14.1	16.9	15.8	16.1	16.7	14.3	16.9
	DAY-HR	13-02	26-22	20-01	08-19	24-21	04-21	12-02	18-03	18-01	30-20	01-22	16-21	AUG
	MINIMUM	7.5	6.9	7.9	7.1	8.2	9.6	9.5	10.1	10.7	9.1	8.6	7.7	6.9
	DAY-HR	07-08	08-14	14-15	30-12	06-18	24-11	07-14	13-15	27-14	16-15	30-15	09-12	FEB
	# OBS	742	666	737	717	734	700	742	743	719	739	699	741	8679
1987	MEAN	11.0	11.4	11.0	11.0	12.0	11.9	13.3	12.7	12.9	14.1	12.9	11.1	12.1
	MAXIMUM	14.0	18.5	17.0	13.8	15.9	17.6	15.9	16.9	16.4	23.5	16.2	14.8	23.5
	DAY-HR	26-22	07-21	30-20	01-01	14-06	03-02	26-22	19-22	07-00	06-01	19-21	02-19	OCT
	MINIMUM	7.0	6.3	6.0	8.0	10.1	9.5	10.5	9.3	9.9	10.1	8.7	6.0	6.0
	DAY-HR	16-16	25-14	21-08	15-15	20-12	26-15	14-15	17-08	28-15	19-09	28-14	29-21	DEC
	# OBS	736	663	712	710	744	717	738	669	680	741	719	743	8572
1988	MEAN	10.6	10.4	10.3	10.7	11.7	12.2	12.2	12.8	12.1	-	-	-	11.5
	MAXIMUM	13.6	14.5	13.1	14.3	14.9	15.4	16.7	18.2	14.6	-	-	-	18.2
	DAY-HR	28-08	27-21	21-22	29-18	21-23	09-22	18-22	03-23	13-23	-	-	-	AUG
	MINIMUM	6.5	6.5	6.8	8.2	8.6	9.8	9.6	10.7	8.2	-	-	-	6.5
	DAY-HR	12-17	02-12	19-13	12-04	05-20	06-14	20-13	27-15	24-06	-	-	-	FEB
	# OBS	744	695	737	720	738	720	742	739	680	-	-	-	6515
1989	MEAN	9.3	8.4	10.2	11.5	13.2	12.3	12.3	12.3	12.3	12.2	12.0	11.2	11.3
	MAXIMUM	12.2	12.2	12.7	15.5	15.8	16.1	15.2	15.1	15.2	15.3	15.2	14.0	16.1
	DAY-HR	19-23	21-22	21-20	18-21	04-02	25-01	31-22	01-02	29-21	30-00	19-21	05-21	JUN
	MINIMUM	5.7	1.3	6.2	7.7	11.3	10.1	9.3	10.3	9.7	9.0	8.0	7.7	1.3
	DAY-HR	14-16	04-11	03-09	23-13	01-13	27-13	12-08	19-09	08-11	08-16	27-15	25-13	FEB
	# OBS	457	670	739	717	133	327	739	737	715	741	720	739	7434
1990	MEAN	10.8	9.6	9.8	11.2	11.2	12.6	13.2	13.6	15.6	12.4	11.5	8.8	11.8
	MAXIMUM	14.1	11.6	13.1	13.7	13.7	15.5	16.1	19.3	18.1	16.3	14.3	13.5	19.3
	DAY-HR	12-17	24-00	20-02	16-21	31-21	02-18	07-01	29-23	25-23	02-02	25-17	09-19	AUG
	MINIMUM	7.6	7.8	6.4	9.6	9.0	8.8	10.7	10.5	11.7	9.5	8.5	1.1	1.1
	DAY-HR	21-14	01-04	11-07	06-11	05-15	19-12	10-14	11-13	30-09	24-07	28-15	21-18	DEC
	# OBS	742	226	742	712	730	716	738	714	686	738	719	744	8207
1991	MEAN	9.7	10.6	9.7	10.2	10.2	10.8	11.8	13.5	12.5	12.5	-	10.8	11.0
	MAXIMUM	13.7	14.4	13.8	12.2	14.7	14.7	14.5	17.0	16.1	13.4	-	13.6	17.0
	DAY-HR	21-21	08-01	03-23	30-01	08-01	29-21	01-02	30-23	07-23	01-00	-	26-23	AUG
	MINIMUM	6.2	6.9	4.2	7.8	7.8	8.4	9.9	10.6	9.6	11.6	-	7.8	4.2
	DAY-HR	01-14	24-13	26-15	19-13	01-16	07-16	28-15	13-17	13-14	01-16	-	20-14	MAR
	# OBS	742	672	741	718	741	720	742	740	719	18	-	312	6865
1992	MEAN	10.6	-	-	-	-	14.2	13.7	12.9	13.3	14.3	12.4	10.8	12.8
	MAXIMUM	13.2	-	-	-	-	16.8	17.2	16.0	16.4	17.3	16.4	14.1	17.3
	DAY-HR	01-01	-	-	-	-	26-22	19-23	13-01	05-03	07-00	01-22	10-15	OCT
	MINIMUM	7.4	-	-	-	-	12.5	10.3	10.2	9.4	11.8	8.3	6.5	6.5
	DAY-HR	07-08	-	-	-	-	23-16	29-10	28-11	16-13	18-10	11-14	30-01	DEC
	# OBS	372	-	-	-	-	175	741	739	710	699	688	737	4861
1993	MEAN	10.0	12.4	-	-	14.3	12.9	12.0	13.4	12.4	13.1	12.0	11.3	12.2
	MAXIMUM	14.4	14.8	-	-	16.0	15.6	15.3	15.8	15.2	18.4	16.0	15.2	18.4
	DAY-HR	30-23	04-01	-	-	29-20	02-01	29-00	11-01	01-01	27-22	28-04	24-21	OCT
	MINIMUM	5.3	9.8	-	-	12.5	10.3	8.6	11.0	9.4	9.0	6.3	8.2	5.3
	DAY-HR	10-20	01-15	-	-	26-12	21-09	07-15	29-14	25-16	20-12	24-15	21-17	JAN
	# OBS	687	69	-	-	218	709	735	730	714	738	708	743	6051
1994	MEAN	11.2	10.5	11.1	11.0	11.4	11.7	11.5	13.1	13.4	12.6	10.2	9.9	11.5
	MAXIMUM	14.9	12.9	14.9	14.0	14.6	14.1	16.0	16.3	19.0	16.5	12.5	12.1	19.0
	DAY-HR	18-00	06-01	13-00	18-21	08-00	10-03	24-22	28-23	08-20	08-22	01-14	26-23	SEP
	MINIMUM	7.5	6.6	5.9	8.6	9.5	9.9	8.6	9.5	10.2	9.4	7.0	6.3	5.9
	DAY-HR	14-16	18-17	22-20	23-21	16-12	03-14	07-14	01-14	26-17	19-14	26-06	29-16	MAR
	# OBS	736	648	735	714	733	711	724	740	709	729	709	734	8622
1995	MEAN	11.7	11.3	11.5	10.9	11.0	10.9	-	12.9	14.1	12.8	12.7	12.8	12.1

	MAXIMUM	13.7	14.9	15.3	13.6	13.3	14.1	-	17.1	18.0	18.8	16.0	15.7	18.8
	DAY-HR	02-21	03-22	29-20	11-19	02-00	05-01	-	29-01	24-23	14-20	29-23	12-12	OCT
	MINIMUM	7.5	7.0	7.9	6.5	8.6	8.9	-	10.5	11.4	10.2	10.2	9.0	6.5
	DAY-HR	17-15	14-05	22-20	15-20	31-14	08-15	-	28-16	21-13	29-14	05-13	22-14	APR
	# OBS	733	667	744	719	743	216	-	740	717	740	713	743	7475
1996	MEAN	11.8	11.8	11.4	11.7	11.3	11.4	12.1	12.4	12.7	12.9	12.3	12.0	12.0
	MAXIMUM	14.9	15.9	14.8	14.1	13.7	14.9	15.2	16.2	16.4	16.7	15.3	14.5	16.7
	DAY-HR	16-21	14-01	08-04	23-23	21-22	28-03	15-21	31-01	14-20	09-00	09-23	31-05	OCT
	MINIMUM	7.1	5.1	7.8	8.7	9.1	9.1	9.7	9.7	9.0	9.7	9.0	8.0	5.1
	DAY-HR	26-13	24-16	06-12	18-13	31-13	19-13	11-17	07-16	24-07	21-13	16-13	22-17	FEB
	# OBS	738	690	744	738	741	713	838	791	719	739	695	742	8888
1997	MEAN	11.2	10.9	10.5	10.9	13.7	13.2	13.1	15.2	15.7	13.3	14.3	12.9	12.9
	MAXIMUM	14.5	13.3	13.4	13.7	19.7	16.8	15.2	19.5	18.9	17.3	17.2	16.5	19.7
	DAY-HR	01-01	16-14	18-20	22-03	17-19	01-01	08-03	22-23	11-01	04-00	25-23	05-01	MAY
	MINIMUM	5.6	8.3	6.8	7.5	9.4	10.5	9.4	12.1	11.9	10.3	11.3	8.7	5.6
	DAY-HR	13-16	22-14	04-14	06-14	21-16	10-09	13-10	14-13	30-06	21-07	12-16	08-19	JAN
	# OBS	737	657	740	714	741	714	734	740	713	737	702	739	8668
1998	MEAN	12.7	11.8	11.5	10.6	12.1	12.6	12.7	12.4	12.8	13.0	12.0	9.7	12.0
	MAXIMUM	14.9	14.9	14.1	12.9	14.9	15.2	16.4	15.6	15.2	16.5	14.8	13.6	16.5
	DAY-HR	28-21	06-07	11-23	30-23	24-02	05-18	30-23	01-02	19-00	06-21	23-17	03-05	OCT
	MINIMUM	8.6	8.2	7.3	7.4	9.5	10.6	9.7	9.8	10.5	10.2	8.3	2.4	2.4
	DAY-HR	05-12	20-13	28-10	14-15	26-15	21-15	06-16	28-13	03-15	31-13	09-16	20-18	DEC
	# OBS	716	671	720	695	717	695	741	784	710	735	713	737	8634
1999	MEAN	10.0	9.6	9.2	9.4	10.1	11.3	11.8	14.4	12.4	11.3	12.3	10.5	11.0
	MAXIMUM	12.9	11.7	11.8	14.1	13.2	14.2	14.4	16.5	17.2	15.3	15.2	14.5	17.2
	DAY-HR	09-23	12-22	21-01	16-02	22-06	13-21	29-22	08-01	29-23	17-20	11-19	23-00	SEP
	MINIMUM	5.3	4.8	5.5	4.3	8.2	8.9	9.1	11.8	9.7	7.7	9.2	6.7	4.3
	DAY-HR	24-05	10-12	09-17	08-21	02-17	23-12	09-10	26-17	18-16	20-03	30-22	26-17	APR
	# OBS	742	660	721	719	744	719	741	733	710	597	687	740	8513
2000	MEAN	10.4	11.1	9.9	11.0	11.6	11.5	12.0	12.0	13.2	12.0	10.7	11.4	11.4
	MAXIMUM	13.4	16.0	12.0	18.9	13.7	15.3	14.4	14.5	17.0	15.7	13.7	15.2	18.9
	DAY-HR	16-01	03-08	13-23	01-20	28-00	15-03	18-00	10-01	25-22	23-22	30-00	06-22	APR
	MINIMUM	7.1	7.1	7.1	9.0	8.9	9.0	9.4	9.7	8.3	8.6	6.6	8.9	6.6
	DAY-HR	12-17	24-14	08-22	29-16	07-07	21-17	06-14	05-16	12-13	06-16	11-15	29-09	NOV
	# OBS	724	689	737	689	724	709	734	740	719	725	713	740	8643
2001	MEAN	10.2	9.5	10.2	9.4	10.9	11.4	11.3	12.8	12.7	11.9	11.6	10.9	11.1
	MAXIMUM	13.4	12.1	12.5	11.8	14.5	14.1	13.3	16.7	15.6	15.0	14.9	14.3	16.7
	DAY-HR	03-22	28-01	06-23	30-01	31-23	21-00	02-03	11-01	30-01	01-21	22-08	27-10	AUG
	MINIMUM	5.9	5.1	7.0	5.8	8.6	9.2	8.2	10.1	9.9	8.9	7.1	7.0	5.1
	DAY-HR	25-18	12-07	03-11	08-20	21-14	06-15	08-10	02-16	19-05	26-15	27-17	04-18	FEB
	# OBS	738	669	739	715	723	718	744	744	720	743	719	742	8714
POR	MEAN	10.9	10.7	10.6	10.7	11.4	12.0	12.4	13.2	13.4	13.0	12.1	11.1	11.8
	MAXIMUM	15.8	18.5	17.0	18.9	19.7	17.6	17.4	19.5	21.8	23.5	17.6	16.5	23.5
	YEAR	1986	1987	1987	2000	1997	1987	1981	1997	1983	1987	1982	1997	OCT/1987
	MINIMUM	5.3	1.3	4.2	4.3	6.9	8.4	8.2	8.1	8.2	7.7	4.8	1.1	1.1
	YEAR	1999	1989	1991	1999	1982	1991	2001	1981	1988	1999	1985	1990	DEC/1990
	# OBS	14043	11711	13202	13555	13429	13507	14778	14920	14453	13846	13492	14273	165209

STATION: 46014 -- POR (4/1981 - 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
1981	MEAN	-	-	-	9.9	10.2	10.3	10.7	12.2	12.6	14.9	14.2	13.0	12.0
	MAXIMUM	-	-	-	12.0	12.8	14.3	13.1	15.5	17.6	16.6	16.9	13.7	17.6
	DAY-HR	-	-	-	01-20	30-01	09-01	06-00	15-00	28-22	31-21	01-23	09-22	SEP
	MINIMUM	-	-	-	8.4	8.5	8.3	9.3	9.9	9.8	11.7	12.9	12.4	8.3
	DAY-HR	-	-	-	08-15	15-14	27-17	13-14	31-15	01-14	04-15	30-17	31-23	JUN
	# OBS	-	-	-	696	741	717	653	704	370	718	719	735	6053
1982	MEAN	11.8	12.0	11.8	11.9	10.0	11.9	12.7	12.8	13.8	15.0	14.5	13.6	12.7
	MAXIMUM	12.7	13.4	13.6	15.9	12.3	14.3	16.2	17.1	18.5	17.7	16.4	14.7	18.5
	DAY-HR	31-00	20-02	19-22	22-23	25-01	27-23	20-23	29-22	25-01	02-01	03-21	06-00	SEP
	MINIMUM	10.3	11.0	11.0	10.5	8.8	10.5	10.4	10.4	10.3	12.3	12.6	12.7	8.8
	DAY-HR	10-11	25-14	16-15	20-14	23-05	07-19	31-17	02-09	13-17	15-15	12-12	30-18	MAY
	# OBS	740	667	705	719	740	719	744	743	719	743	718	744	8701
1983	MEAN	13.2	13.5	13.3	12.5	12.1	12.3	13.0	14.0	15.2	15.2	14.8	12.9	13.5
	MAXIMUM	14.0	14.3	15.0	14.7	15.0	15.1	15.4	17.8	18.1	16.8	16.1	13.9	18.1
	DAY-HR	31-23	19-23	16-00	16-00	08-00	17-22	03-05	31-05	02-19	12-05	04-23	07-00	SEP
	MINIMUM	12.4	12.6	12.4	11.4	10.0	10.1	10.7	11.4	12.4	13.5	13.3	12.2	10.0

	DAY-HR	21-14	28-14	31-15	13-10	19-15	02-12	17-15	02-17	14-16	21-08	30-23	22-22	MAY
	# OBS	740	671	742	710	694	659	727	738	719	741	717	635	8493
1984	MEAN	12.3	11.9	11.7	10.3	12.0	10.4	12.2	12.7	13.0	12.9	12.6	11.9	12.0
	MAXIMUM	13.1	12.4	13.2	12.7	15.8	12.5	15.4	15.5	15.0	15.6	14.2	12.9	15.8
	DAY-HR	07-12	20-02	05-01	14-23	29-00	06-00	16-02	29-22	15-23	12-00	16-23	10-00	MAY
	MINIMUM	11.7	11.1	9.7	8.6	10.1	8.8	9.6	10.4	11.1	10.7	10.5	11.0	8.6
	DAY-HR	17-13	06-16	30-12	26-12	21-14	21-12	12-12	02-16	24-16	31-21	01-09	21-14	APR
	# OBS	741	694	739	720	738	718	738	738	717	743	716	739	8741
1985	MEAN	11.7	10.7	9.8	10.1	10.7	11.6	11.8	12.4	13.3	12.3	10.7	11.8	11.3
	MAXIMUM	12.7	11.9	10.6	11.5	13.3	15.4	15.7	15.5	15.8	16.2	12.3	13.1	16.2
	DAY-HR	26-21	10-22	13-20	22-00	31-22	06-02	31-21	01-01	14-08	06-02	28-23	20-23	OCT
	MINIMUM	11.0	9.2	8.7	8.7	8.9	9.3	9.9	11.1	11.2	10.3	9.4	10.1	8.7
	DAY-HR	31-19	26-12	03-15	26-12	16-11	16-16	17-14	07-10	18-17	31-23	13-18	03-19	APR
	# OBS	737	671	738	717	623	716	739	166	602	743	719	744	7915
1986	MEAN	11.6	12.0	12.3	10.0	10.1	11.8	11.3	12.3	13.5	13.0	12.7	12.8	12.0
	MAXIMUM	12.3	14.2	13.3	12.4	13.5	15.4	14.1	15.2	15.7	15.1	15.0	13.5	15.7
	DAY-HR	20-02	27-00	06-23	01-00	23-21	03-23	15-00	18-01	19-23	30-23	04-02	13-09	SEP
	MINIMUM	11.1	11.2	11.2	8.8	8.4	10.1	9.1	10.8	11.2	10.5	11.0	11.3	8.4
	DAY-HR	07-18	12-14	31-16	24-15	17-17	24-14	05-16	14-01	01-16	03-01	26-17	02-17	MAY
	# OBS	742	666	737	717	733	700	742	743	719	739	699	741	8678
1987	MEAN	12.2	11.8	11.3	11.1	11.8	11.5	12.8	12.8	13.4	14.7	13.9	12.5	12.5
	MAXIMUM	12.9	13.3	14.4	12.9	14.8	14.8	15.9	15.7	16.2	16.7	15.2	13.9	16.7
	DAY-HR	05-02	16-23	30-22	17-23	07-23	03-01	26-22	19-23	07-22	11-21	01-01	10-17	OCT
	MINIMUM	10.8	9.5	9.6	9.8	9.6	10.1	9.5	11.1	11.0	11.7	12.4	11.2	9.5
	DAY-HR	21-16	23-18	01-15	19-14	28-13	23-18	10-14	16-15	28-11	01-13	30-05	29-17	JUL
	# OBS	736	663	712	710	744	717	738	669	680	741	719	743	8572
1988	MEAN	11.4	11.1	11.0	10.9	11.5	11.5	11.1	12.7	12.4	-	-	-	11.5
	MAXIMUM	12.3	12.5	12.5	14.1	14.6	15.1	15.1	16.1	14.9	-	-	-	16.1
	DAY-HR	25-23	27-23	22-22	27-20	16-02	09-23	19-00	24-01	03-00	-	-	-	AUG
	MINIMUM	10.8	10.3	9.0	9.0	9.2	8.6	8.6	10.3	10.0	-	-	-	8.6
	DAY-HR	12-15	25-06	31-10	09-10	25-18	30-14	01-15	18-16	21-07	-	-	-	JUL
	# OBS	744	695	737	720	738	720	742	739	679	-	-	-	6514
1989	MEAN	9.9	10.2	10.6	11.8	13.3	11.5	10.9	11.6	12.6	12.4	12.2	12.6	11.6
	MAXIMUM	10.9	11.3	12.5	13.5	14.4	14.8	14.4	13.8	15.0	14.9	14.5	13.4	15.0
	DAY-HR	30-23	24-21	20-23	30-23	04-01	25-00	03-01	21-22	27-22	26-01	02-22	19-00	SEP
	MINIMUM	9.4	9.3	10.0	10.2	12.5	9.6	9.2	9.8	10.9	9.8	10.4	11.3	9.2
	DAY-HR	14-18	06-09	11-14	12-09	06-15	23-04	22-11	15-14	02-14	17-08	08-15	31-19	JUL
	# OBS	457	670	739	717	133	327	739	737	715	741	720	739	7434
1990	MEAN	11.5	10.8	10.6	11.0	10.8	11.4	12.9	12.8	15.4	12.0	12.0	10.9	11.9
	MAXIMUM	12.1	11.4	12.4	12.7	13.2	14.6	15.9	18.6	19.1	16.9	15.3	12.8	19.1
	DAY-HR	11-00	03-01	20-01	16-22	31-23	02-20	11-02	30-23	26-00	01-02	25-12	07-01	SEP
	MINIMUM	11.0	10.5	9.8	9.1	9.0	9.1	10.0	10.5	13.0	9.9	10.2	9.0	9.0
	DAY-HR	07-15	27-13	09-16	30-16	15-15	18-15	24-12	14-20	13-16	07-18	15-02	31-14	DEC
	# OBS	742	226	742	712	730	716	738	714	689	738	719	744	8210
1991	MEAN	10.7	11.4	10.8	10.4	9.6	9.9	11.9	14.0	13.5	13.7	-	11.7	11.4
	MAXIMUM	12.0	12.5	12.6	12.2	13.1	13.6	14.8	16.6	16.5	14.0	-	12.6	16.6
	DAY-HR	22-22	25-23	09-00	05-03	08-04	28-01	31-22	31-00	01-01	01-11	-	30-23	AUG
	MINIMUM	9.4	10.2	10.0	8.7	8.2	8.4	10.2	11.2	10.7	13.4	-	10.7	8.2
	DAY-HR	04-18	01-21	21-10	16-14	27-12	01-13	14-14	05-15	10-02	01-01	-	23-17	MAY
	# OBS	742	672	741	718	741	720	742	740	719	18	-	312	6865
1992	MEAN	12.1	-	-	-	-	14.5	13.7	12.7	13.4	14.6	13.0	12.3	13.2
	MAXIMUM	12.8	-	-	-	-	16.4	16.7	15.7	16.5	16.3	15.6	13.6	16.7
	DAY-HR	01-23	-	-	-	-	26-22	05-20	14-18	03-23	07-00	02-00	01-23	JUL
	MINIMUM	11.7	-	-	-	-	11.7	10.6	10.2	11.0	12.1	11.0	11.4	10.2
	DAY-HR	16-16	-	-	-	-	30-07	26-11	21-12	14-17	15-09	13-02	27-15	AUG
	# OBS	372	-	-	-	-	175	741	739	706	692	669	736	4830
1993	MEAN	11.8	11.9	-	-	14.0	11.8	10.8	12.8	12.7	12.8	12.5	12.3	12.3
	MAXIMUM	12.5	12.1	-	-	14.9	16.0	15.2	16.0	14.2	15.7	14.2	13.3	16.0
	DAY-HR	31-00	04-02	-	-	31-23	01-21	28-23	03-02	06-22	28-00	03-00	09-11	AUG
	MINIMUM	11.3	11.6	-	-	13.3	9.0	8.9	10.0	11.3	11.1	11.4	11.3	8.9
	DAY-HR	11-19	01-16	-	-	27-07	29-13	18-15	27-15	29-17	03-13	29-03	06-17	JUL
	# OBS	686	68	-	-	218	709	734	730	714	737	707	743	6046
1994	MEAN	12.2	12.0	11.9	10.9	10.6	10.5	11.0	11.5	13.5	12.4	11.2	11.2	11.6
	MAXIMUM	13.4	12.9	13.6	13.6	14.1	12.5	15.7	15.6	16.8	15.2	12.6	12.1	16.8
	DAY-HR	18-23	01-00	15-00	23-01	08-00	13-23	25-00	29-00	09-22	03-02	07-13	07-21	SEP
	MINIMUM	11.8	11.4	10.6	9.4	8.3	9.0	9.0	9.7	10.6	10.5	10.2	10.5	8.3
	DAY-HR	29-18	18-18	24-15	09-13	27-18	18-15	15-20	22-15	02-16	22-17	22-17	17-19	MAY
	# OBS	737	647	736	715	731	712	723	740	709	730	706	734	8620
1995	MEAN	11.6	12.2	12.4	11.5	10.5	9.8	13.4	12.4	13.6	12.5	13.5	13.7	12.3
	MAXIMUM	12.1	13.6	14.1	12.9	12.9	13.7	13.6	16.0	16.4	14.4	15.6	15.1	16.4
	DAY-HR	30-23	03-23	30-20	12-00	02-22	04-23	31-23	20-00	23-23	20-00	24-23	06-03	SEP
	MINIMUM	10.6	11.4	11.7	9.4	9.1	8.6	13.0	10.2	11.0	10.5	11.0	11.7	8.6

	DAY-HR	07-08	18-04	24-16	22-11	29-12	08-09	31-21	18-08	12-13	07-11	10-14	10-22	JUN
	# OBS	733	667	744	718	743	216	4	741	717	740	713	743	7479
1996	MEAN	13.0	13.1	11.8	11.9	10.9	10.1	12.3	11.8	12.7	13.1	12.4	12.7	12.1
	MAXIMUM	14.1	14.2	13.4	13.3	13.3	14.2	15.2	15.3	15.9	15.2	14.2	13.6	15.9
	DAY-HR	01-19	13-01	09-02	25-00	13-23	28-04	15-22	29-09	15-03	19-00	22-12	13-15	SEP
	MINIMUM	11.7	11.7	10.2	10.2	8.6	8.3	9.5	9.6	10.5	10.6	10.5	11.4	8.3
	DAY-HR	26-13	05-12	30-08	28-17	30-14	17-10	31-21	01-14	24-08	17-05	06-14	16-17	JUN
	# OBS	738	690	744	738	741	713	838	791	719	739	695	742	8888
1997	MEAN	12.0	11.5	10.5	11.0	13.7	12.5	12.3	15.2	15.4	13.6	15.5	14.6	13.2
	MAXIMUM	13.4	12.6	12.1	13.6	18.1	16.8	15.6	19.5	18.8	16.4	16.5	15.2	19.5
	DAY-HR	03-03	02-01	05-23	20-23	17-21	01-04	01-01	28-21	10-02	04-10	07-23	12-05	AUG
	MINIMUM	10.7	9.5	9.0	9.4	11.0	9.8	9.8	12.0	11.8	11.8	13.7	13.6	9.0
	DAY-HR	23-15	28-21	24-19	11-16	11-09	09-08	13-05	07-15	28-13	24-15	04-09	29-02	MAR
	# OBS	736	657	740	714	741	714	734	740	713	737	703	739	8668
1998	MEAN	14.2	13.6	12.5	11.5	12.5	12.5	12.5	11.9	12.8	13.1	12.5	-	12.7
	MAXIMUM	14.5	14.4	13.7	13.3	14.9	14.9	15.6	15.3	15.1	14.5	13.3	-	15.6
	DAY-HR	07-00	10-01	11-22	04-21	23-22	05-19	30-08	20-18	18-00	13-21	20-19	-	JUL
	MINIMUM	13.6	12.6	11.7	10.2	11.0	10.2	9.8	10.9	11.4	11.0	7.6	-	7.6
	DAY-HR	21-18	28-18	31-23	26-10	02-17	17-13	05-19	06-16	10-18	20-10	21-16	-	NOV
	# OBS	717	671	720	695	717	696	741	782	710	735	493	-	7677
1999	MEAN	-	-	-	-	-	-	-	-	-	12.0	12.6	11.5	12.0
	MAXIMUM	-	-	-	-	-	-	-	-	-	13.6	14.0	12.9	14.0
	DAY-HR	-	-	-	-	-	-	-	-	-	30-19	06-02	02-00	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	10.5	11.8	10.6	10.5
	DAY-HR	-	-	-	-	-	-	-	-	-	15-19	09-10	31-23	OCT
	# OBS	-	-	-	-	-	-	-	-	-	597	687	740	2024
2000	MEAN	10.7	11.4	10.3	11.1	11.1	11.6	11.2	10.8	13.0	12.2	11.8	12.2	11.4
	MAXIMUM	12.0	12.5	12.5	12.9	13.3	15.4	13.2	13.7	16.0	15.2	13.7	14.1	16.0
	DAY-HR	22-23	20-00	01-22	19-00	09-21	06-23	18-01	27-21	26-00	21-00	30-23	03-00	SEP
	MINIMUM	9.5	11.0	9.0	9.7	8.3	8.6	9.5	9.4	11.0	10.6	9.4	11.3	8.3
	DAY-HR	06-08	06-09	29-15	06-18	31-16	01-16	04-13	17-21	17-18	29-01	10-15	26-06	MAY
	# OBS	724	689	737	689	724	707	735	741	719	727	711	741	8644
2001	MEAN	11.2	10.0	10.5	9.9	10.3	10.5	10.6	12.3	13.1	11.8	11.9	11.7	11.2
	MAXIMUM	12.6	11.3	11.8	11.7	12.9	14.1	12.8	15.3	15.0	14.5	13.3	13.6	15.3
	DAY-HR	03-00	28-23	07-00	30-01	31-23	28-03	01-03	11-01	25-22	03-02	29-11	01-23	AUG
	MINIMUM	10.6	8.9	9.7	8.7	8.9	8.9	9.5	9.7	10.1	9.7	10.2	9.8	8.7
	DAY-HR	31-17	12-18	30-11	14-17	20-13	16-08	17-13	20-19	06-10	24-17	08-18	20-23	APR
	# OBS	740	669	739	716	719	718	744	739	717	743	719	742	8705
POR	MEAN	11.9	11.7	11.4	11.0	11.2	11.3	11.9	12.6	13.5	13.2	12.9	12.4	12.1
	MAXIMUM	14.5	14.4	15.0	15.9	18.1	16.8	16.7	19.5	19.1	17.7	16.9	15.2	19.5
	YEAR	1998	1998	1983	1982	1997	1997	1992	1997	1990	1982	1981	1997	AUG/1997
	MINIMUM	9.4	8.9	8.7	8.4	8.2	8.3	8.6	9.4	9.8	9.7	7.6	9.0	7.6
	YEAR	1991	2001	1985	1981	1991	1996	1988	2000	1981	2001	1998	1990	NOV/1998
	# OBS	13304	11053	12492	12841	12689	12789	14036	14174	13752	13842	13249	13536	157757

STATION: 46014 -- POR (2/1989 - 1/1992)

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1989	MEAN	-	1.6	0.7	-	-	11.5	11.3	11.6	11.6	10.7	10.8	-	9.1
	MAXIMUM	-	8.7	3.7	-	-	13.1	14.3	14.1	14.3	14.0	13.4	-	14.3
	DAY-HR	-	01-00	09-06	-	-	30-01	03-02	23-04	27-01	27-05	01-23	-	SEP
	MINIMUM	-	-10.8	-9.9	-	-	9.7	9.4	10.0	9.7	4.8	8.2	-	-10.8
	DAY-HR	-	08-20	04-12	-	-	28-19	24-08	16-02	08-11	30-16	01-04	-	FEB
	# OBS	-	670	209	-	-	58	665	736	715	741	289	-	4083
1990	MEAN	-	8.7	8.1	9.8	9.7	11.7	13.3	-	-	7.6	8.4	5.1	9.5
	MAXIMUM	-	10.1	11.1	12.5	12.8	15.3	15.4	-	-	14.6	13.9	9.0	15.4
	DAY-HR	-	24-09	02-22	11-20	30-16	07-01	06-02	-	-	02-02	04-19	27-08	JUL
	MINIMUM	-	7.9	1.6	5.8	6.8	8.8	10.7	-	-	1.2	0.9	0.4	0.4
	DAY-HR	-	26-15	08-18	30-15	14-19	19-12	10-14	-	-	09-18	02-02	29-23	DEC
	# OBS	-	115	742	712	730	716	300	-	-	685	172	124	4296
1991	MEAN	6.7	-	6.5	10.2	-	11.0	10.7	12.6	-	-	-	7.2	9.7
	MAXIMUM	9.7	-	10.9	10.7	-	12.9	13.2	16.6	-	-	-	10.2	16.6
	DAY-HR	03-23	-	12-13	01-18	-	29-01	31-20	30-23	-	-	-	27-14	AUG
	MINIMUM	1.5	-	1.7	9.7	-	9.1	8.6	10.1	-	-	-	2.7	1.5
	DAY-HR	01-14	-	15-05	01-11	-	27-16	09-18	13-17	-	-	-	20-14	JAN
	# OBS	144	-	562	20	-	105	742	740	-	-	-	312	2625

1992	MEAN	7.7	-	-	-	-	-	-	-	-	-	-	-	7.7
	MAXIMUM	11.1	-	-	-	-	-	-	-	-	-	-	-	11.1
	DAY-HR	04-20	-	-	-	-	-	-	-	-	-	-	-	JAN
	MINIMUM	4.3	-	-	-	-	-	-	-	-	-	-	-	4.3
	DAY-HR	11-16	-	-	-	-	-	-	-	-	-	-	-	JAN
	# OBS	372	-	-	-	-	-	-	-	-	-	-	-	372
POR	MEAN	7.4	2.7	6.5	9.8	9.7	11.6	11.4	12.1	11.6	9.3	9.9	6.6	9.3
	MAXIMUM	11.1	10.1	11.1	12.5	12.8	15.3	15.4	16.6	14.3	14.6	13.9	10.2	16.6
	YEAR	1992	1990	1990	1990	1990	1990	1990	1991	1989	1990	1990	1991	AUG/1991
	MINIMUM	1.5	-10.8	-9.9	5.8	6.8	8.8	8.6	10.0	9.7	1.2	0.9	0.4	-10.8
	YEAR	1991	1989	1989	1990	1990	1990	1991	1989	1989	1990	1990	1990	FEB/1989
	# OBS	516	785	1513	732	730	879	1707	1476	715	1426	461	436	11376

STATION: 46014 -- POR (4/1981 - 12/2001)

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1981	MEAN	-	-	-	1018.5	1016.0	1015.6	1014.2	1013.5	1013.7	1016.0	1016.2	1019.2	1016.0
	MAXIMUM	-	-	-	1027.7	1023.9	1025.3	1018.5	1019.9	1019.9	1027.6	1029.7	1029.8	1029.8
	DAY-HR	-	-	-	04-19	08-20	13-20	13-20	15-19	16-19	30-19	30-19	22-19	DEC
	MINIMUM	-	-	-	1009.6	1010.9	1006.9	1009.5	1006.8	1007.1	1003.2	992.6	1004.0	992.6
	DAY-HR	-	-	-	18-12	19-13	28-05	26-03	13-05	19-21	28-04	14-00	31-21	NOV
	# OBS	-	-	-	696	741	717	681	723	376	718	719	735	6106
1982	MEAN	1019.3	1019.8	1014.7	1017.9	1015.2	1015.3	1016.7	1017.0	1014.9	1017.7	1015.4	1018.6	1016.9
	MAXIMUM	1033.2	1027.9	1026.2	1027.2	1023.0	1021.6	1022.0	1021.9	1020.7	1028.0	1026.5	1032.9	1033.2
	DAY-HR	23-20	01-19	19-20	18-19	06-20	04-21	03-18	20-19	02-21	27-18	12-09	24-19	JAN
	MINIMUM	998.3	1010.1	1000.7	1002.8	1006.6	1008.4	1010.3	1012.4	1010.7	1005.7	991.3	987.5	987.5
	DAY-HR	20-22	16-00	29-17	11-02	27-02	18-01	16-13	02-10	28-02	30-03	30-10	22-22	DEC
	# OBS	740	667	705	719	740	719	744	743	718	743	720	744	8702
1983	MEAN	1016.5	1012.7	1011.7	1015.3	1018.2	1014.4	1015.9	1015.6	1012.9	1016.6	1015.3	1017.6	1015.2
	MAXIMUM	1029.4	1027.0	1026.9	1027.1	1028.1	1019.4	1024.0	1020.8	1019.1	1023.7	1027.5	1030.2	1030.2
	DAY-HR	07-19	14-03	31-20	01-05	02-20	18-18	09-22	26-05	24-05	10-18	26-18	31-18	DEC
	MINIMUM	993.1	990.2	987.9	1002.1	1008.6	1007.8	1008.9	1008.5	1003.6	1007.2	994.8	987.9	987.9
	DAY-HR	27-02	28-23	02-09	18-13	31-23	07-12	16-13	31-13	30-03	01-00	10-19	03-16	DEC
	# OBS	740	669	742	710	696	659	743	743	720	741	716	635	8514
1984	MEAN	1022.6	1020.5	1019.3	1018.8	1018.4	1015.2	1013.2	1014.8	1012.9	1017.5	1016.4	1016.7	1017.2
	MAXIMUM	1031.1	1028.5	1030.1	1027.0	1023.1	1022.3	1021.8	1022.0	1018.6	1026.7	1026.4	1029.0	1031.1
	DAY-HR	24-18	17-19	18-18	21-19	08-19	08-16	25-19	30-20	29-18	18-18	29-19	22-11	JAN
	MINIMUM	1010.4	1012.2	1003.6	1010.0	1010.8	1006.8	1005.8	1009.4	1002.6	998.3	997.3	1005.7	997.3
	DAY-HR	14-01	13-15	13-15	18-13	28-04	06-10	06-05	09-13	11-02	16-23	13-06	15-22	NOV
	# OBS	741	694	739	720	738	718	741	739	717	743	716	739	8745
1985	MEAN	1021.5	1020.5	1020.3	1019.1	1017.6	1016.3	1016.6	1016.4	1015.2	1016.4	1017.3	1021.9	1018.4
	MAXIMUM	1029.1	1029.1	1032.6	1028.4	1025.0	1022.6	1023.4	1020.1	1022.3	1022.5	1030.1	1029.7	1032.6
	DAY-HR	02-19	10-19	30-19	24-17	03-20	29-22	02-21	01-22	14-21	24-19	19-19	13-19	MAR
	MINIMUM	1011.9	1007.7	1004.1	1009.3	1011.3	1009.5	1009.5	1013.2	1007.3	1001.5	992.7	993.9	992.7
	DAY-HR	07-14	08-08	26-23	21-03	26-11	20-14	25-02	04-10	18-03	21-01	29-13	02-13	NOV
	# OBS	737	671	738	717	623	716	739	166	602	743	719	744	7915
1986	MEAN	1018.8	1015.1	1016.9	1018.7	1016.2	1015.9	1016.6	1014.9	1014.7	1017.4	1021.4	1019.9	1017.2
	MAXIMUM	1030.2	1027.9	1029.1	1027.4	1022.1	1024.9	1024.3	1020.6	1019.9	1024.4	1032.7	1029.0	1032.7
	DAY-HR	06-18	22-19	21-18	17-19	22-00	18-20	19-20	18-19	20-18	30-19	23-08	29-19	NOV
	MINIMUM	999.5	987.7	996.8	1009.6	1010.8	1010.2	1008.9	1009.4	1002.5	1009.7	1011.7	1008.3	987.7
	DAY-HR	31-14	14-22	10-13	05-13	29-11	26-11	22-03	24-13	24-11	03-01	18-12	04-22	FEB
	# OBS	742	666	737	717	734	700	742	743	719	739	699	741	8679
1987	MEAN	1020.7	1017.7	1017.0	1018.5	1015.7	1016.1	1014.8	1014.7	1016.4	1016.8	1019.7	1018.2	1017.2
	MAXIMUM	1032.2	1027.5	1024.0	1025.9	1023.8	1021.0	1019.4	1020.4	1022.0	1025.9	1029.0	1030.3	1032.2
	DAY-HR	13-17	18-18	26-19	08-16	02-19	01-00	22-21	23-19	10-19	25-17	25-12	31-19	JAN
	MINIMUM	1008.1	1001.8	1004.5	1009.5	1009.5	1010.4	1009.2	1008.8	1009.6	1010.3	1010.3	997.0	997.0
	DAY-HR	03-12	24-02	05-03	30-04	18-03	11-11	16-10	14-13	13-01	23-04	05-12	16-09	DEC
	# OBS	736	663	712	710	744	718	738	669	680	741	719	743	8573
1988	MEAN	1020.6	1021.9	1023.0	1016.1	1018.0	1015.4	1015.1	1012.8	1013.9	-	-	-	1017.4
	MAXIMUM	1032.3	1031.4	1033.2	1027.6	1030.3	1020.9	1020.0	1019.5	1024.8	-	-	-	1033.2
	DAY-HR	20-20	09-20	09-20	30-22	01-19	01-19	12-20	24-19	27-17	-	-	-	MAR
	MINIMUM	997.5	1011.0	1012.5	1002.3	1010.7	1009.4	1009.9	1004.8	1006.0	-	-	-	997.5
	DAY-HR	17-14	28-09	15-16	20-03	29-03	25-08	10-03	31-03	21-02	-	-	-	JAN
	# OBS	744	694	737	720	738	720	742	739	681	-	-	-	6515
1989	MEAN	1022.6	1021.7	1017.5	1016.8	1019.1	1015.0	1017.6	1014.0	1013.6	1017.2	1019.1	1021.7	1017.9
	MAXIMUM	1031.9	1030.7	1027.9	1029.5	1022.6	1020.7	1022.0	1019.5	1021.4	1024.8	1028.0	1029.7	1031.9
	DAY-HR	15-19	11-19	13-20	03-20	03-19	30-22	16-22	12-20	30-19	28-06	27-07	23-06	JAN

	MINIMUM	1010.0	1012.1	998.3	1008.7	1015.2	1002.6	1011.4	1007.5	1006.4	1005.6	1003.4	1012.1	998.3
	DAY-HR	23-07	28-11	02-12	09-14	06-03	23-12	22-11	17-12	17-13	23-11	25-19	17-14	MAR
	# OBS	457	670	739	717	133	329	740	737	715	741	720	739	7437
1990	MEAN	1020.1	1021.4	1019.2	1017.4	1014.9	1016.6	1014.5	1015.4	1015.6	1017.5	1021.4	1021.6	1017.8
	MAXIMUM	1032.1	1027.7	1027.5	1025.7	1020.1	1022.4	1018.6	1020.0	1021.0	1023.8	1029.6	1031.0	1032.1
	DAY-HR	04-20	02-19	13-20	09-19	24-20	04-06	17-21	30-19	06-18	09-18	22-19	02-17	JAN
	MINIMUM	1004.1	1007.4	1011.3	1007.3	1005.3	1008.8	1006.7	1010.3	1007.5	1012.2	1011.1	1006.3	1004.1
	DAY-HR	13-14	01-03	11-03	16-13	28-11	21-09	15-11	24-11	21-02	03-00	19-23	19-16	JAN
	# OBS	742	226	742	712	730	716	738	714	689	738	719	744	8210
1991	MEAN	1021.4	1019.3	1013.0	1020.5	1017.6	1015.1	1015.2	1017.1	1014.5	1020.8	-	1015.7	1017.0
	MAXIMUM	1031.2	1030.7	1026.7	1029.3	1024.3	1021.3	1020.8	1022.5	1020.6	1021.7	-	1028.4	1031.2
	DAY-HR	14-19	19-20	06-20	09-19	05-17	20-05	16-22	21-19	30-22	01-07	-	19-19	JAN
	MINIMUM	1010.8	991.3	987.1	1011.9	1011.4	1008.2	1008.0	1010.2	1007.3	1019.9	-	1000.5	987.1
	DAY-HR	09-09	28-23	01-12	20-02	21-12	02-02	05-12	11-04	09-20	01-01	-	29-04	MAR
	# OBS	742	672	741	718	742	720	742	740	719	18	-	312	6866
1992	MEAN	1017.9	-	-	-	-	1012.0	1015.1	1015.8	1014.2	1014.7	1020.8	1016.7	1016.2
	MAXIMUM	1027.7	-	-	-	-	1014.9	1018.9	1021.1	1020.3	1022.9	1031.2	1028.4	1031.2
	DAY-HR	16-09	-	-	-	-	26-20	19-18	27-18	04-17	22-19	27-19	22-18	NOV
	MINIMUM	993.0	-	-	-	-	1006.7	1008.8	1008.7	1008.2	999.1	1012.2	997.1	993.0
	DAY-HR	05-06	-	-	-	-	29-20	03-21	24-13	14-12	29-15	22-06	29-01	JAN
	# OBS	372	-	-	-	-	175	741	739	708	697	682	737	4851
1993	MEAN	1013.9	1020.0	-	-	1012.6	1015.0	1014.7	1014.4	1015.5	1016.9	1019.1	1020.3	1016.2
	MAXIMUM	1027.2	1025.7	-	-	1017.2	1021.9	1020.3	1020.5	1021.3	1022.4	1027.4	1031.8	1031.8
	DAY-HR	24-08	01-19	-	-	29-06	07-20	30-20	10-22	27-18	20-20	23-19	02-18	DEC
	MINIMUM	995.6	1013.3	-	-	1008.0	1006.6	1007.2	1009.2	1006.5	1010.1	1008.6	1001.6	995.6
	DAY-HR	07-09	04-00	-	-	26-11	05-03	05-03	29-13	13-02	29-15	12-10	11-15	JAN
	# OBS	687	64	-	-	218	709	733	732	714	738	708	743	6046
1994	MEAN	1021.4	1017.2	1018.8	1018.1	1016.2	1017.3	1015.2	1015.9	1015.8	1015.6	1019.7	1019.2	1017.5
	MAXIMUM	1029.8	1030.4	1028.8	1023.6	1021.2	1022.2	1020.9	1021.2	1021.2	1024.1	1029.7	1032.0	1032.0
	DAY-HR	30-00	12-19	12-20	30-08	01-20	23-22	24-20	28-20	14-20	31-19	28-18	08-17	DEC
	MINIMUM	1006.4	992.4	1001.4	1006.3	1010.1	1011.6	1010.3	1010.5	1011.2	1002.0	1005.5	1005.3	992.4
	DAY-HR	24-06	17-08	24-14	25-13	31-01	11-04	08-12	08-03	30-23	04-07	09-11	24-07	FEB
	# OBS	736	647	735	714	733	709	727	739	707	730	709	734	8620
1995	MEAN	1011.8	1019.3	1014.8	1017.6	1015.1	1017.1	1010.5	1012.3	1014.8	1015.9	1020.0	1018.1	1015.9
	MAXIMUM	1025.7	1029.7	1025.9	1027.6	1022.0	1024.4	1010.5	1018.9	1020.7	1022.2	1027.4	1026.2	1029.7
	DAY-HR	31-19	18-18	19-07	09-17	10-19	06-07	31-22	29-18	05-18	20-16	26-19	31-19	FEB
	MINIMUM	995.0	1005.7	991.2	1007.1	1001.6	1010.1	1010.3	1005.2	1009.8	1008.4	1011.2	989.0	989.0
	DAY-HR	10-21	14-01	10-18	27-12	13-04	08-01	31-23	09-13	08-13	28-23	01-02	12-11	DEC
	# OBS	733	667	744	718	743	216	5	741	717	740	713	743	7480
1996	MEAN	1018.1	1014.7	1016.9	1018.7	1015.9	1015.2	1014.0	1014.3	1013.2	1016.5	1018.0	1015.6	1015.9
	MAXIMUM	1027.4	1027.8	1026.1	1026.2	1022.6	1021.0	1021.1	1019.5	1019.7	1025.8	1027.4	1029.8	1029.8
	DAY-HR	10-19	06-18	01-18	19-06	10-20	28-21	18-19	20-19	28-19	21-19	07-18	24-09	DEC
	MINIMUM	1000.4	999.2	998.4	1004.2	1004.9	1007.7	1007.5	1009.3	1007.4	1006.1	999.5	994.4	994.4
	DAY-HR	31-14	20-06	05-00	16-08	16-09	26-11	09-04	26-13	15-12	29-23	22-12	10-10	DEC
	# OBS	738	690	744	738	741	713	838	791	719	739	695	742	8888
1997	MEAN	1017.2	1021.1	1019.7	1018.4	1016.2	1013.4	1014.2	1015.2	1012.8	1016.4	1013.4	1018.7	1016.4
	MAXIMUM	1031.2	1029.6	1027.3	1027.4	1022.8	1019.6	1020.8	1021.2	1022.3	1025.4	1026.3	1034.2	1034.2
	DAY-HR	06-19	13-19	09-19	01-07	05-21	30-23	01-06	22-19	27-06	31-20	20-18	10-18	DEC
	MINIMUM	1000.7	1005.0	1006.7	1008.6	1009.3	1005.5	1009.9	1008.3	1004.2	1007.0	989.7	998.4	989.7
	DAY-HR	26-05	27-23	16-14	05-01	18-12	14-12	26-13	08-04	25-00	01-23	26-16	07-11	NOV
	# OBS	737	657	740	714	741	714	734	740	713	737	703	739	8669
1998	MEAN	1013.6	1009.4	1015.1	1016.9	1015.4	1014.9	1015.1	1014.8	1011.3	1016.7	1017.8	1024.3	1015.5
	MAXIMUM	1022.9	1025.4	1025.2	1025.7	1024.3	1023.6	1019.6	1019.0	1021.2	1022.4	1027.4	1034.7	1034.7
	DAY-HR	06-06	28-20	09-18	17-18	17-19	13-23	01-00	02-20	18-19	08-20	19-19	24-18	DEC
	MINIMUM	997.9	982.1	1003.0	1004.9	1001.8	1009.5	1009.2	1003.0	1010.2	999.9	1006.6	982.1	982.1
	DAY-HR	29-05	03-05	25-03	01-03	12-13	17-01	03-04	25-07	03-07	24-12	30-12	01-00	FEB
	# OBS	717	671	720	695	717	696	740	782	710	736	711	737	8632
1999	MEAN	1020.5	1021.3	1017.5	1018.5	1018.8	1016.4	1016.9	1016.6	1014.3	1018.1	1018.7	1024.6	1018.5
	MAXIMUM	1030.3	1033.3	1028.6	1031.4	1025.1	1022.5	1022.8	1022.7	1020.1	1026.2	1031.9	1032.6	1033.3
	DAY-HR	28-08	10-20	28-18	09-20	07-17	13-05	24-19	02-21	25-18	29-07	24-19	24-16	FEB
	MINIMUM	1007.2	1002.0	1006.7	1003.6	1011.3	1008.6	1008.9	1009.4	1010.2	1010.0	1002.6	1015.9	1002.0
	DAY-HR	31-10	09-09	24-18	11-08	22-12	22-03	02-02	27-03	16-03	28-01	07-23	31-23	FEB
	# OBS	742	660	721	719	744	718	740	734	708	597	687	739	8509
2000	MEAN	1020.3	1014.7	1018.7	1018.3	1016.7	1014.5	1016.2	1015.0	1013.3	1014.7	1019.9	1021.0	1017.0
	MAXIMUM	1032.0	1027.4	1029.2	1025.6	1025.1	1022.0	1022.7	1020.4	1021.1	1025.6	1028.2	1032.1	1032.1
	DAY-HR	03-19	01-19	11-16	23-19	11-20	12-22	18-21	24-19	05-18	13-18	18-19	16-05	DEC
	MINIMUM	1002.6	997.0	997.6	1005.1	1008.1	1004.2	1011.3	1007.9	1003.4	1005.6	1007.5	1012.7	997.0
	DAY-HR	16-06	20-22	05-22	16-13	14-17	17-05	10-04	28-04	21-09	26-08	29-10	11-23	FEB
	# OBS	724	689	737	689	724	707	733	740	719	727	713	740	8642
2001	MEAN	1018.9	1015.3	1017.4	1018.2	1016.2	1016.0	1014.3	1015.3	1013.4	1016.2	1016.3	1017.7	1016.3
	MAXIMUM	1029.7	1030.4	1025.1	1027.2	1024.2	1022.7	1019.4	1020.3	1016.9	1021.9	1024.9	1030.7	1030.7
	DAY-HR	30-07	02-19	26-20	23-08	01-18	28-21	12-21	13-22	28-18	11-20	26-19	07-05	DEC

	MINIMUM	993.2	1000.9	994.5	1009.0	1010.0	1009.4	1009.2	1007.1	1008.6	1008.7	988.7	998.0	988.7
	DAY-HR	10-23	24-16	04-22	21-00	11-02	01-10	25-04	30-06	30-12	30-13	24-14	20-22	NOV
	# OBS	739	668	739	715	722	718	743	742	717	743	719	742	8707
POR	MEAN	1018.9	1017.9	1017.3	1018.0	1016.5	1015.4	1015.3	1015.0	1014.1	1016.6	1018.2	1019.5	1016.9
	MAXIMUM	1033.2	1033.3	1033.2	1031.4	1030.3	1025.3	1024.3	1022.7	1024.8	1028.0	1032.7	1034.7	1034.7
	YEAR	1982	1999	1988	1999	1988	1981	1986	1999	1988	1982	1986	1998	DEC/1998
	MINIMUM	993.0	982.1	987.1	1002.1	1001.6	1002.6	1005.8	1004.8	1002.5	998.3	988.7	987.5	982.1
	YEAR	1992	1998	1991	1983	1995	1989	1984	1988	1986	1984	2001	1982	FEB/1998
	# OBS	14046	11705	13212	13558	13442	13507	14824	14936	14468	13849	13487	14272	165306

STATION: 46014 -- POR (4/1981 - 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
1981	MEAN	-	-	-	15.0	16.1	14.9	14.0	12.4	12.8	9.2	12.0	13.5	13.3
	MAXIMUM	-	-	-	32.1	29.9	33.6	27.8	28.0	30.5	33.8	38.3	30.7	38.3
	DAY-HR	-	-	-	07-03	31-01	27-01	07-03	30-23	30-02	27-18	13-22	09-12	NOV
	MINIMUM	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	16-05	25-07	30-02	28-03	20-08	24-15	30-01	19-08	25-03	DEC
	# OBS	-	-	-	696	740	717	705	735	592	717	719	735	6356
1982	MEAN	13.0	14.6	12.6	13.4	17.8	11.3	14.1	8.9	12.6	10.5	10.7	12.3	12.6
	MAXIMUM	36.0	30.9	36.5	37.7	35.0	28.0	33.4	23.9	32.5	31.3	37.9	37.5	37.9
	DAY-HR	04-07	28-23	01-11	11-01	08-22	13-18	16-02	02-09	10-23	29-20	30-17	23-00	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	10-19	09-23	25-04	24-20	06-11	29-01	20-21	28-18	23-07	29-00	14-02	31-02	DEC
	# OBS	733	403	705	719	740	718	744	741	718	743	717	743	8424
1983	MEAN	12.7	15.7	14.3	13.1	13.9	16.9	16.7	10.8	11.3	9.7	14.3	11.9	13.3
	MAXIMUM	42.0	39.1	33.4	34.8	30.5	29.7	34.8	27.6	29.9	25.7	40.4	35.4	42.0
	DAY-HR	26-13	28-23	23-21	04-00	10-23	20-02	15-01	11-03	04-06	14-03	10-19	11-15	JAN
	MINIMUM	0.0	0.2	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	17-02	07-13	27-19	26-08	23-23	17-19	07-19	28-18	30-02	26-03	18-19	17-20	DEC
	# OBS	739	670	736	710	595	487	738	737	716	738	712	635	8213
1984	MEAN	9.0	9.6	10.9	12.9	-	12.0	11.5	13.4	12.6	11.3	12.9	10.9	11.5
	MAXIMUM	25.9	29.0	27.6	31.7	-	27.2	27.2	27.8	31.5	31.7	38.5	28.0	38.5
	DAY-HR	26-02	15-18	13-14	25-01	-	30-03	12-10	19-03	23-03	17-01	27-16	15-22	NOV
	MINIMUM	0.0	0.0	0.0	0.0	-	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	31-08	07-15	26-11	12-04	-	27-16	29-19	29-19	29-12	29-16	29-17	21-06	DEC
	# OBS	731	693	739	634	-	151	741	739	717	743	712	739	7339
1985	MEAN	7.4	14.1	13.5	13.3	12.5	10.9	9.0	13.5	7.0	10.4	11.1	7.3	10.7
	MAXIMUM	28.6	34.8	39.1	32.7	28.6	29.9	24.3	21.8	22.7	29.0	27.6	35.0	39.1
	DAY-HR	31-02	21-03	02-04	26-04	05-02	16-01	15-09	05-09	18-03	21-00	28-10	02-09	MAR
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
	DAY-HR	28-17	18-18	18-15	18-22	29-12	23-18	27-05	01-14	30-01	23-21	23-14	31-21	DEC
	# OBS	738	671	738	717	621	716	739	166	602	743	719	744	7914
1986	MEAN	10.8	12.4	10.5	13.1	12.9	9.1	11.7	8.5	7.8	8.1	8.1	8.2	10.1
	MAXIMUM	31.7	38.9	31.5	29.9	29.2	26.6	29.2	20.8	23.1	25.9	29.4	26.8	38.9
	DAY-HR	30-04	14-21	10-01	24-00	08-23	08-05	16-02	10-11	17-07	01-22	07-03	04-22	FEB
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	28-09	27-06	31-16	30-14	24-23	27-21	29-22	28-19	23-09	30-20	30-22	21-04	DEC
	# OBS	742	666	737	717	734	700	742	743	719	739	700	741	8680
1987	MEAN	11.1	12.2	13.5	10.4	12.5	11.6	11.4	7.0	9.3	7.6	9.8	15.2	11.0
	MAXIMUM	28.4	34.0	33.8	28.2	29.5	26.4	31.9	23.5	28.0	30.1	27.0	38.9	38.9
	DAY-HR	15-01	23-01	05-03	19-02	16-01	10-04	17-00	01-04	16-00	06-04	30-09	06-09	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
	DAY-HR	31-09	26-20	31-23	22-15	30-07	30-20	22-10	30-11	18-07	29-12	28-03	31-23	DEC
	# OBS	735	663	712	710	744	718	738	669	680	741	719	743	8572
1988	MEAN	10.5	-	-	-	9.7	14.4	11.4	9.7	11.0	-	-	-	11.3
	MAXIMUM	33.4	-	-	-	25.3	30.7	29.0	25.5	29.2	-	-	-	33.4
	DAY-HR	18-01	-	-	-	30-03	29-21	17-02	18-05	18-00	-	-	-	JAN
	MINIMUM	0.0	-	-	-	1.9	0.8	0.2	0.0	0.0	-	-	-	0.0
	DAY-HR	26-02	-	-	-	31-20	07-10	24-03	03-22	23-17	-	-	-	SEP
	# OBS	744	-	-	-	123	720	742	739	684	-	-	-	3752
1989	MEAN	9.9	11.2	13.1	9.6	7.9	12.2	15.4	10.2	7.7	11.0	10.6	6.7	10.6
	MAXIMUM	27.4	29.7	33.2	28.6	15.4	28.6	32.9	29.0	26.2	38.3	33.0	29.4	38.3
	DAY-HR	25-02	28-03	09-12	11-03	06-08	20-23	10-03	15-03	02-03	23-08	25-18	28-21	OCT
	MINIMUM	0.2	0.0	0.4	0.2	2.5	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0
	DAY-HR	30-20	20-12	26-17	23-15	01-02	25-15	17-13	29-13	13-16	31-19	09-17	14-21	DEC
	# OBS	457	670	737	717	133	328	740	737	715	742	720	739	7435

1990	MEAN	12.2	9.8	10.3	11.0	14.5	10.3	9.7	8.7	10.1	12.3	10.6	11.7	11.0
	MAXIMUM	29.5	31.5	27.0	30.3	29.0	27.0	23.7	24.9	22.4	35.4	28.4	30.5	35.4
	DAY-HR	12-17	03-19	08-07	30-01	07-08	13-01	23-10	24-05	28-09	03-00	14-03	19-17	OCT
	MINIMUM	0.0	0.4	0.4	0.8	0.4	0.6	0.6	0.0	0.2	0.2	0.0	0.0	0.0
	DAY-HR	25-01	03-03	11-19	16-20	08-21	20-19	17-22	29-23	23-04	28-19	16-07	03-06	DEC
	# OBS	742	226	742	712	730	716	738	714	687	738	719	744	8208
1991	MEAN	9.1	10.0	15.0	12.5	15.3	15.1	10.7	10.6	9.3	5.4	-	11.4	11.9
	MAXIMUM	27.6	35.0	33.8	33.4	32.1	34.6	28.2	29.2	27.6	10.7	-	32.7	35.0
	DAY-HR	28-23	02-09	03-10	11-02	10-00	13-02	25-13	10-03	09-02	01-14	-	27-20	FEB
	MINIMUM	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	1.7	-	0.4	0.0
	DAY-HR	03-04	11-03	13-07	05-05	03-11	29-00	31-15	15-04	19-00	01-08	-	24-19	SEP
	# OBS	742	672	740	718	742	720	742	740	719	18	-	312	6865
1992	MEAN	11.8	-	-	-	-	6.2	8.7	10.6	11.2	8.4	11.2	12.4	10.4
	MAXIMUM	39.1	-	-	-	-	25.9	25.3	24.3	29.0	24.1	29.4	30.1	39.1
	DAY-HR	05-04	-	-	-	-	29-20	23-04	16-10	13-05	29-09	08-23	28-07	JAN
	MINIMUM	0.2	-	-	-	-	0.4	0.4	0.2	0.2	0.0	0.6	0.8	0.0
	DAY-HR	15-19	-	-	-	-	27-08	25-20	30-17	01-03	12-03	27-19	25-00	OCT
	# OBS	372	-	-	-	-	175	741	739	710	705	693	737	4872
1993	MEAN	10.8	10.1	-	-	13.4	15.6	14.2	11.2	10.8	8.3	11.2	10.8	11.7
	MAXIMUM	28.4	22.9	-	-	24.7	28.4	30.3	30.1	27.6	22.6	31.5	35.2	35.2
	DAY-HR	22-02	04-01	-	-	26-04	30-04	13-01	25-00	12-06	17-03	12-00	11-09	DEC
	MINIMUM	0.6	3.1	-	-	3.5	0.6	0.4	0.0	0.2	0.0	0.4	0.0	0.0
	DAY-HR	30-23	03-08	-	-	24-02	01-20	07-08	10-07	15-01	28-19	03-02	27-22	DEC
	# OBS	688	69	-	-	218	709	735	732	714	739	709	743	6056
1994	MEAN	10.2	10.8	9.9	14.0	13.1	14.2	12.7	12.8	8.3	10.8	11.8	11.2	11.7
	MAXIMUM	32.5	39.5	31.5	33.0	30.5	27.6	27.4	26.6	25.5	29.0	31.3	27.4	39.5
	DAY-HR	24-04	17-05	23-21	27-01	26-01	15-03	05-03	17-00	02-04	16-00	09-11	11-21	FEB
	MINIMUM	0.4	0.4	0.2	0.2	0.4	0.6	0.2	0.0	0.2	0.0	0.4	0.4	0.0
	DAY-HR	28-22	27-23	14-22	18-18	31-14	04-17	20-21	28-23	29-08	20-13	30-18	01-09	OCT
	# OBS	737	647	736	715	734	710	727	740	709	731	708	734	8628
1995	MEAN	16.8	7.2	12.2	12.6	11.6	-	5.9	10.9	7.4	9.9	8.3	12.2	10.9
	MAXIMUM	37.3	22.4	34.2	31.3	25.3	-	7.2	27.4	22.2	29.0	23.5	42.4	42.4
	DAY-HR	09-15	14-06	09-15	19-00	01-06	-	31-21	08-04	07-05	21-23	21-04	12-12	DEC
	MINIMUM	1.4	0.4	0.2	0.2	0.4	-	4.3	0.0	0.0	0.2	0.0	0.2	0.0
	DAY-HR	05-06	28-20	27-07	11-18	02-17	-	31-19	29-01	24-20	24-20	29-23	26-12	NOV
	# OBS	733	667	744	719	88	-	5	741	717	740	713	743	6610
1996	MEAN	11.8	11.4	12.0	10.4	15.1	15.1	11.0	12.5	9.8	9.1	12.1	13.3	11.9
	MAXIMUM	31.5	27.2	32.1	28.4	31.1	29.7	29.0	27.8	27.0	26.2	36.4	38.5	38.5
	DAY-HR	18-18	04-04	13-02	28-00	28-02	22-02	09-07	18-02	22-02	25-21	19-15	29-15	DEC
	MINIMUM	0.2	0.2	0.2	0.0	0.6	0.0	0.2	0.2	0.0	0.0	0.2	0.4	0.0
	DAY-HR	06-01	02-10	29-18	11-12	19-07	27-23	23-15	07-07	14-10	03-19	09-20	16-22	OCT
	# OBS	738	689	744	738	741	712	838	791	718	739	695	742	8885
1997	MEAN	11.2	12.0	13.7	13.2	8.4	17.0	11.6	7.0	9.0	11.1	11.6	14.5	11.7
	MAXIMUM	37.5	33.0	28.6	32.7	25.3	32.1	28.2	23.1	25.9	29.4	36.7	33.0	37.5
	DAY-HR	01-02	27-02	24-00	04-02	01-04	08-01	11-03	06-16	28-01	06-21	19-02	14-03	JAN
	MINIMUM	0.0	0.6	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2	0.0
	DAY-HR	24-03	25-06	15-16	06-04	11-10	29-13	28-16	31-18	26-17	13-19	21-22	02-03	OCT
	# OBS	737	657	740	715	740	714	734	739	713	736	703	739	8667
1998	MEAN	14.0	15.5	13.3	12.7	11.6	11.7	11.5	13.3	9.4	10.4	11.1	11.2	12.1
	MAXIMUM	35.4	37.5	31.7	27.6	29.7	30.9	27.2	27.2	27.4	28.4	38.5	30.5	38.5
	DAY-HR	29-02	07-13	28-23	25-04	01-14	16-18	04-04	17-01	09-05	16-00	30-11	20-19	NOV
	MINIMUM	0.4	0.6	0.0	0.4	0.0	0.0	0.0	0.4	0.2	0.0	0.4	0.2	0.0
	DAY-HR	12-01	25-15	19-03	04-02	15-01	07-00	27-21	14-21	25-15	23-09	16-03	31-04	OCT
	# OBS	717	671	720	695	717	696	741	786	709	734	712	736	8634
1999	MEAN	10.8	12.5	12.1	15.2	17.0	15.3	11.0	11.9	9.7	8.4	11.2	9.7	12.1
	MAXIMUM	28.8	30.9	32.1	36.2	32.3	30.7	30.5	27.0	28.4	27.4	33.0	28.6	36.2
	DAY-HR	31-15	09-14	24-14	04-02	09-02	22-05	02-02	22-03	27-00	15-12	19-16	09-05	APR
	MINIMUM	0.2	0.2	0.8	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	09-23	04-05	01-02	24-20	31-20	12-07	21-08	11-12	29-22	25-15	24-20	23-23	DEC
	# OBS	742	660	721	719	744	718	742	731	710	597	687	740	8511
2000	MEAN	11.1	12.1	13.9	8.9	12.7	9.1	11.9	10.5	7.7	9.7	8.7	7.0	10.3
	MAXIMUM	31.9	32.9	34.2	27.0	31.3	27.6	27.4	27.0	25.9	31.7	28.2	23.9	34.2
	DAY-HR	30-11	22-18	05-13	16-16	31-01	19-10	03-05	17-03	30-04	22-00	29-10	21-15	MAR
	MINIMUM	0.2	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	28-04	09-04	25-17	27-07	08-12	26-11	13-16	31-14	26-07	28-02	19-23	10-01	DEC
	# OBS	724	689	736	689	724	708	734	741	719	724	712	742	8642
2001	MEAN	11.2	13.3	13.8	12.6	13.1	16.2	12.5	12.3	10.2	9.6	11.9	14.6	12.6
	MAXIMUM	35.0	30.7	34.8	27.6	34.8	30.3	27.4	29.0	29.2	28.8	34.6	36.5	36.5
	DAY-HR	25-17	07-03	04-22	10-02	02-00	04-01	16-02	29-07	06-00	24-00	24-12	09-13	DEC
	MINIMUM	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.2	0.2	0.0
	DAY-HR	04-21	09-05	23-00	15-08	31-16	28-11	30-11	11-01	19-16	29-11	28-02	12-20	OCT
	# OBS	740	669	739	715	722	718	744	743	720	743	719	742	8714



POR	MEAN	11.3	12.0	12.6	12.4	13.6	13.3	12.0	10.7	9.8	9.8	11.0	11.3	11.6
	MAXIMUM	42.0	39.5	39.1	37.7	35.0	34.6	34.8	30.1	32.5	38.3	40.4	42.4	42.4
	YEAR	1983	1994	1985	1982	1982	1991	1983	1993	1982	1989	1983	1995	DEC/1995
	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	1997	2001	2001	2001	2001	2000	2001	2001	2000	2001	2000	2000	OCT/2001
	# OBS	14031	10752	12466	12755	11330	12551	14850	14943	14688	13850	13488	14273	159977

STATION: 46014 -- POR (4/1981 - 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
1981	MEAN	-	-	-	18.5	19.6	18.1	17.2	15.3	15.7	11.7	15.3	17.0	16.5
	MAXIMUM	-	-	-	42.6	39.5	41.0	32.9	34.6	39.1	42.6	50.2	40.4	50.2
	DAY-HR	-	-	-	07-01	03-03	26-23	07-22	31-01	30-02	27-18	15-11	09-17	NOV
	# OBS	-	-	-	696	740	715	703	733	589	717	719	735	6347
1982	MEAN	16.7	18.2	16.0	16.8	22.3	14.0	17.6	11.0	15.7	13.2	13.6	15.7	15.8
	MAXIMUM	45.1	38.7	47.6	45.7	44.9	35.0	39.7	29.9	41.2	37.5	48.4	46.1	48.4
	DAY-HR	04-07	26-20	01-11	11-01	09-02	13-18	16-02	01-07	10-23	22-08	30-17	23-00	NOV
	# OBS	728	403	705	719	740	718	744	741	718	743	717	743	8419
1983	MEAN	16.3	20.0	18.0	16.3	17.2	22.0	20.3	13.2	14.2	12.1	18.2	15.3	16.8
	MAXIMUM	54.0	51.5	41.8	43.4	37.9	43.7	43.0	32.3	35.8	30.9	53.7	48.0	54.0
	DAY-HR	26-16	28-23	12-15	04-00	11-01	21-00	15-02	11-04	09-00	14-02	10-19	11-15	JAN
	# OBS	739	670	736	710	595	487	738	737	716	737	712	635	8212
1984	MEAN	11.4	12.4	14.2	17.2	-	14.9	14.6	16.7	15.6	14.1	16.4	13.9	14.6
	MAXIMUM	32.3	36.9	37.1	43.2	-	34.6	34.2	36.2	38.7	41.0	49.8	36.4	49.8
	DAY-HR	26-02	15-18	13-14	25-01	-	30-02	28-04	04-01	11-02	17-01	27-16	13-02	NOV
	# OBS	731	693	739	634	-	151	741	739	717	743	712	739	7339
1985	MEAN	9.7	17.9	17.3	16.6	15.4	13.5	11.2	17.4	9.2	13.6	14.6	10.0	13.6
	MAXIMUM	35.8	42.8	49.8	42.0	36.5	36.5	29.5	29.7	29.5	38.5	36.7	48.2	49.8
	DAY-HR	31-02	21-01	02-04	26-00	05-03	16-02	15-09	05-09	18-03	21-00	28-10	02-04	MAR
	# OBS	738	671	738	717	620	716	739	166	602	743	719	744	7913
1986	MEAN	13.9	16.4	13.7	17.3	16.6	11.7	15.5	11.2	10.3	10.7	10.9	10.8	13.2
	MAXIMUM	42.8	57.5	45.3	41.2	38.3	34.8	38.7	26.4	32.3	37.7	40.6	36.4	57.5
	DAY-HR	30-04	14-22	10-03	24-00	08-21	08-04	16-02	10-11	17-06	01-02	07-02	22-10	FEB
	# OBS	742	666	736	717	734	698	742	743	719	739	700	741	8677
1987	MEAN	14.6	16.0	17.7	13.5	16.2	15.1	14.7	9.4	12.1	9.9	12.6	19.9	14.3
	MAXIMUM	37.1	45.5	46.3	37.1	39.5	36.0	42.6	30.1	40.0	33.8	35.6	54.6	54.6
	DAY-HR	03-09	23-01	05-03	19-02	16-01	10-04	17-01	01-04	16-00	06-04	30-10	06-09	DEC
	# OBS	735	663	712	710	744	718	738	669	676	741	719	743	8568
1988	MEAN	13.7	-	-	-	12.5	18.1	14.4	12.5	14.3	-	-	-	14.5
	MAXIMUM	45.9	-	-	-	31.9	40.6	36.4	32.3	38.7	-	-	-	45.9
	DAY-HR	18-03	-	-	-	30-03	28-03	01-01	18-05	18-00	-	-	-	JAN
	# OBS	744	-	-	-	117	720	742	739	683	-	-	-	3745
1989	MEAN	12.7	14.4	16.5	12.1	9.8	15.3	18.5	12.7	10.0	13.7	13.1	8.9	13.3
	MAXIMUM	34.6	53.3	44.5	38.9	19.2	37.5	40.6	36.9	30.1	48.8	43.7	37.1	53.3
	DAY-HR	25-02	04-11	09-15	11-02	06-08	20-23	09-04	15-03	02-03	23-08	25-18	28-21	FEB
	# OBS	457	670	737	717	133	327	739	737	715	742	720	739	7433
1990	MEAN	15.3	12.9	13.1	13.7	17.9	12.6	12.3	11.2	12.5	15.1	13.2	14.8	13.8
	MAXIMUM	37.5	40.2	34.8	37.9	35.8	33.2	29.0	31.1	28.6	43.0	35.6	39.1	43.0
	DAY-HR	12-17	03-18	05-03	30-00	07-03	13-04	23-13	26-21	21-17	03-01	14-03	21-05	OCT
	# OBS	742	226	742	712	730	716	738	714	687	738	719	744	8208
1991	MEAN	11.5	12.6	18.7	15.6	19.0	18.6	13.4	13.2	11.9	7.2	-	14.5	14.9
	MAXIMUM	35.6	44.9	44.1	43.4	40.8	43.7	34.8	37.1	35.2	13.2	-	46.5	46.5
	DAY-HR	28-23	02-08	03-09	11-02	09-23	13-00	25-13	10-04	09-03	01-14	-	27-20	DEC
	# OBS	742	672	740	718	742	720	742	740	719	18	-	312	6865
1992	MEAN	15.0	-	-	-	-	8.0	11.0	13.3	14.1	10.8	13.9	16.1	13.2
	MAXIMUM	51.9	-	-	-	-	30.7	31.3	29.2	37.1	32.5	36.2	39.9	51.9
	DAY-HR	05-04	-	-	-	-	29-20	24-04	16-10	13-05	29-09	22-11	28-05	JAN
	# OBS	372	-	-	-	-	175	741	739	705	686	661	736	4815
1993	MEAN	13.9	12.5	-	-	16.6	19.2	17.6	13.8	13.4	10.4	14.1	13.9	14.6
	MAXIMUM	37.7	28.4	-	-	31.3	36.0	37.3	36.7	33.4	27.0	38.9	45.5	45.5
	DAY-HR	20-05	03-20	-	-	29-20	30-04	24-00	25-00	12-06	10-21	12-00	11-09	DEC
	# OBS	686	68	-	-	218	707	733	732	714	738	707	742	6045

1994	MEAN	13.0	13.9	12.7	17.3	16.0	17.3	15.9	15.5	10.6	13.7	15.4	15.0	14.7
	MAXIMUM	42.4	52.1	41.8	42.0	38.9	34.0	34.2	33.6	32.5	37.7	40.6	35.0	52.1
	DAY-HR	24-04	17-05	23-21	27-01	26-01	15-04	05-03	17-02	02-04	16-01	09-11	24-06	FEB
	# OBS	737	646	732	715	730	709	724	739	708	730	706	733	8609
1995	MEAN	21.7	9.6	15.7	16.0	14.6	-	8.1	13.5	9.4	12.6	10.5	15.7	13.9
	MAXIMUM	49.6	28.2	45.9	40.8	31.7	-	9.7	33.4	27.8	36.7	29.7	64.5	64.5
	DAY-HR	09-16	14-06	09-15	19-01	01-06	-	31-20	07-23	07-05	21-23	06-04	12-12	DEC
	# OBS	732	667	744	718	88	-	5	741	717	740	713	743	6608
1996	MEAN	15.0	14.7	14.9	13.1	18.3	18.4	13.7	15.3	12.3	11.4	15.0	16.9	14.9
	MAXIMUM	39.7	34.2	40.2	37.3	38.7	36.5	35.8	34.4	33.0	43.9	47.6	50.0	50.0
	DAY-HR	18-17	18-22	13-01	16-08	27-23	22-03	09-07	18-02	22-02	25-22	19-14	29-13	DEC
	# OBS	738	689	744	737	741	712	837	791	718	739	695	742	8883
1997	MEAN	14.0	15.0	16.9	16.1	10.4	20.7	14.3	8.9	11.4	14.2	14.9	18.2	14.6
	MAXIMUM	51.7	41.2	35.8	41.0	31.3	40.2	34.8	28.8	32.3	37.5	49.2	40.4	51.7
	DAY-HR	01-03	27-02	23-23	02-01	01-04	08-00	10-23	06-13	28-01	06-21	19-02	14-03	JAN
	# OBS	735	657	740	714	740	714	734	739	713	736	702	738	8662
1998	MEAN	18.0	20.3	16.7	15.9	14.3	14.5	14.2	16.3	12.0	13.0	14.5	14.6	15.3
	MAXIMUM	46.3	50.3	39.7	34.2	38.5	39.3	34.0	33.2	34.4	35.4	46.5	41.6	50.3
	DAY-HR	29-06	07-17	29-00	25-03	01-12	16-18	04-04	17-01	09-04	29-21	30-11	20-16	FEB
	# OBS	717	671	720	695	717	696	740	782	708	733	710	736	8625
1999	MEAN	13.9	16.2	15.7	18.8	20.8	18.7	13.7	14.4	12.3	11.0	14.3	12.5	15.2
	MAXIMUM	36.2	39.5	40.4	45.7	41.4	37.3	38.3	31.9	35.6	34.6	43.4	35.6	45.7
	DAY-HR	31-16	09-12	24-14	04-02	09-01	22-03	02-03	31-23	27-00	15-10	19-16	09-05	APR
	# OBS	742	660	721	718	744	718	740	725	709	597	687	740	8501
2000	MEAN	14.2	15.7	17.4	11.2	15.7	11.6	14.7	12.9	9.9	12.5	11.4	9.4	13.1
	MAXIMUM	42.2	44.5	42.6	34.2	39.9	33.8	33.4	32.9	31.1	39.9	36.0	28.4	44.5
	DAY-HR	16-06	22-18	05-11	16-16	30-22	19-10	03-06	17-03	30-04	21-23	06-21	21-15	FEB
	# OBS	724	689	737	689	724	707	733	741	718	727	710	741	8640
2001	MEAN	14.7	16.9	17.2	15.5	16.2	19.6	15.5	15.2	12.9	12.2	15.3	18.7	15.8
	MAXIMUM	43.7	39.1	45.1	35.0	45.1	39.5	33.8	36.0	34.8	36.2	47.4	45.9	47.4
	DAY-HR	25-17	07-03	04-21	10-02	02-00	04-01	16-02	29-07	06-00	24-00	24-12	09-13	NOV
	# OBS	739	668	738	716	722	716	744	738	715	743	719	742	8700
POR	MEAN	14.5	15.5	16.0	15.6	16.9	16.4	15.0	13.4	12.4	12.4	14.1	14.6	14.6
	MAXIMUM	54.0	57.5	49.8	45.7	45.1	43.7	43.0	37.1	41.2	48.8	53.7	64.5	64.5
	YEAR	1983	1986	1985	1999	2001	1991	1983	1991	1982	1989	1983	1995	DEC/1995
	# OBS	14020	10749	12461	12752	11319	12540	14837	14925	14666	13830	13447	14268	159814

STATION: 46014 -- POR (8/1998 - 12/2001)

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

ELEMENT: HOURLY PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1998	MEAN	-	-	-	-	-	-	-	15.4	13.3	14.4	16.2	16.4	15.1
	MAXIMUM	-	-	-	-	-	-	-	28.2	36.2	38.7	50.0	43.5	50.0
	DAY-HR	-	-	-	-	-	-	-	23-03	09-05	16-00	30-12	20-17	NOV
	MINIMUM	-	-	-	-	-	-	-	2.9	1.9	2.5	2.3	2.7	1.9
	DAY-HR	-	-	-	-	-	-	-	21-00	25-15	28-06	03-05	10-14	SEP
# OBS	-	-	-	-	-	-	-	282	665	733	736	735	735	3151
1999	MEAN	15.6	18.1	17.5	20.7	22.3	20.3	15.1	15.8	13.8	12.3	15.9	14.2	16.9
	MAXIMUM	39.1	41.2	40.4	45.5	43.2	37.9	38.1	34.4	35.6	36.5	47.8	41.4	47.8
	DAY-HR	30-20	09-11	24-13	04-01	08-23	27-00	02-02	22-02	26-23	15-09	07-22	09-07	NOV
	MINIMUM	1.9	3.9	2.7	2.5	2.1	2.5	2.1	1.9	1.6	0.6	1.9	1.4	0.6
	DAY-HR	04-19	04-04	17-20	16-00	18-07	12-06	29-02	27-05	08-22	24-01	13-23	22-01	OCT
# OBS	749	660	721	719	744	718	742	725	706	597	687	740	8508	
2000	MEAN	15.9	17.6	19.1	12.7	17.3	13.0	16.1	14.3	11.2	14.1	12.9	11.0	14.6
	MAXIMUM	43.5	46.9	44.7	35.2	40.4	34.4	34.4	35.8	32.7	41.8	39.3	29.9	46.9
	DAY-HR	30-11	13-12	05-11	16-15	31-02	19-10	03-03	17-03	30-03	21-23	07-00	21-17	FEB
	MINIMUM	2.5	2.9	1.7	0.6	1.9	1.4	0.2	0.6	0.6	2.5	1.6	1.6	0.2
	DAY-HR	27-19	11-05	14-09	09-00	08-11	07-13	07-08	31-08	03-06	28-01	20-00	10-00	JUL
# OBS	724	689	737	689	723	704	722	740	717	725	709	737	8616	
2001	MEAN	16.4	18.8	18.9	17.1	17.6	21.1	17.0	16.6	14.4	13.8	17.1	20.7	17.4
	MAXIMUM	48.2	43.2	47.2	36.9	45.9	39.5	34.0	36.4	37.3	37.7	51.1	52.7	52.7
	DAY-HR	25-17	17-10	04-21	10-02	02-00	04-00	16-03	29-11	05-23	23-23	24-14	14-06	DEC
	MINIMUM	2.9	1.7	1.2	1.4	2.1	2.1	1.6	1.6	2.3	0.8	1.7	2.1	0.8
	DAY-HR	18-00	09-04	23-02	28-11	31-17	28-11	30-10	13-01	29-08	29-10	28-01	04-23	OCT
# OBS	718	667	739	715	721	718	744	740	717	743	718	741	8681	

POR	MEAN	16.0	18.2	18.5	16.9	19.1	18.2	16.1	15.6	13.2	13.7	15.5	15.6	16.2
	MAXIMUM	48.2	46.9	47.2	45.5	45.9	39.5	38.1	36.4	37.3	41.8	51.1	52.7	52.7
	YEAR	2001	2000	2001	1999	2001	2001	1999	2001	2001	2000	2001	2001	DEC/2001
	MINIMUM	1.9	1.7	1.2	0.6	1.9	1.4	0.2	0.6	0.6	0.6	1.6	1.4	0.2
	YEAR	1999	2001	2001	2000	2000	2000	2000	2000	2000	1999	2000	1999	JUL/2000
	# OBS	2191	2016	2197	2123	2188	2140	2208	2487	2805	2798	2850	2953	28956

STATION: 46014 -- POR (4/1981 - 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
1981	MEAN	-	-	-	2.4	2.0	2.2	2.0	1.8	2.1	1.9	3.0	3.0	2.3
	MAXIMUM	-	-	-	5.4	4.9	4.8	3.5	3.5	4.1	6.3	9.2	5.8	9.2
	DAY-HR	-	-	-	06-13	11-01	28-00	25-17	27-22	30-03	08-06	14-18	21-14	NOV
	# OBS	-	-	-	694	740	714	388	453	303	717	719	734	5462
1982	MEAN	2.9	2.2	2.8	2.2	2.6	1.4	1.9	1.3	2.0	2.0	2.3	3.1	2.2
	MAXIMUM	7.8	4.5	6.0	5.8	5.5	3.5	3.5	2.5	4.3	5.2	7.8	8.7	8.7
	DAY-HR	02-15	24-04	30-09	03-06	27-02	15-09	16-01	07-05	11-02	27-13	30-19	16-18	DEC
	# OBS	739	667	702	324	738	718	742	735	716	741	720	742	8284
1983	MEAN	3.2	3.7	-	-	1.6	2.2	1.8	1.4	2.0	1.8	3.4	2.6	2.3
	MAXIMUM	10.1	7.5	-	-	4.0	4.1	4.3	2.9	4.0	3.8	8.1	7.5	10.1
	DAY-HR	26-20	10-13	-	-	31-14	19-07	16-04	16-04	29-01	20-22	13-19	10-06	JAN
	# OBS	739	277	-	-	100	658	742	742	719	737	712	635	6061
1984	MEAN	2.0	2.8	2.7	2.8	2.2	2.2	1.9	1.6	1.8	2.3	3.1	2.4	2.3
	MAXIMUM	5.0	9.2	5.8	5.7	4.8	5.1	3.5	3.6	3.9	4.7	7.1	5.7	9.2
	DAY-HR	05-15	24-23	16-06	11-12	31-23	01-03	01-04	01-05	22-10	14-03	03-15	14-01	FEB
	# OBS	739	688	737	720	736	715	735	722	700	741	712	733	8678
1985	MEAN	2.2	2.5	2.9	2.0	1.7	2.0	1.6	2.2	1.8	2.4	2.3	2.7	2.2
	MAXIMUM	4.6	4.3	6.0	4.1	4.1	4.0	3.6	3.3	3.5	4.6	5.6	8.3	8.3
	DAY-HR	17-15	21-02	05-11	19-22	05-03	25-01	16-04	04-06	19-13	13-01	30-07	02-21	DEC
	# OBS	730	665	731	713	613	713	729	166	599	740	718	743	7860
1986	MEAN	3.0	3.4	2.7	2.9	-	1.8	2.1	1.7	1.7	2.1	2.6	3.0	2.4
	MAXIMUM	7.7	7.3	7.6	4.6	-	3.9	4.6	2.9	6.3	4.5	6.9	6.1	7.7
	DAY-HR	15-08	03-14	11-15	05-09	-	09-12	16-01	04-15	25-23	02-02	19-14	23-08	JAN
	# OBS	742	665	736	158	-	605	741	743	717	739	695	741	7282
1987	MEAN	3.3	3.2	2.8	2.5	2.2	2.2	1.8	1.9	1.8	1.8	2.7	3.8	2.5
	MAXIMUM	6.4	5.9	5.8	4.8	4.5	4.3	4.7	3.6	5.2	3.4	6.5	8.7	8.7
	DAY-HR	25-18	23-01	13-11	08-10	18-02	02-04	16-23	07-03	15-19	31-00	30-22	02-09	DEC
	# OBS	736	662	712	708	743	715	738	667	680	740	719	743	8563
1988	MEAN	3.0	2.4	2.7	2.2	2.2	2.1	1.8	1.8	2.0	-	-	-	2.2
	MAXIMUM	7.2	4.4	5.4	4.7	3.7	4.2	3.4	3.6	4.4	-	-	-	7.2
	DAY-HR	15-19	19-07	24-08	04-05	24-02	29-23	10-00	31-06	18-01	-	-	-	JAN
	# OBS	744	691	737	718	738	718	742	735	641	-	-	-	6464
1989	MEAN	2.7	2.1	2.3	1.8	1.8	2.1	2.0	1.9	1.6	2.1	2.3	2.3	2.1
	MAXIMUM	5.1	5.1	4.9	3.7	2.8	3.9	4.1	3.6	3.6	4.7	5.1	4.8	5.1
	DAY-HR	18-01	02-08	28-12	03-16	01-21	23-14	10-01	16-03	06-15	23-14	04-10	29-02	NOV
	# OBS	454	658	722	708	128	314	734	736	713	740	719	737	7363
1990	MEAN	3.3	3.0	2.3	2.0	2.5	1.9	2.0	1.7	1.7	2.4	2.5	2.7	2.3
	MAXIMUM	10.1	6.5	5.0	3.9	5.3	3.8	3.6	3.9	3.8	5.1	4.9	7.2	10.1
	DAY-HR	31-00	02-08	12-02	30-03	07-01	05-06	16-04	24-03	20-03	03-00	27-01	20-00	JAN
	# OBS	742	226	740	712	729	716	738	713	687	738	717	743	8201
1991	MEAN	2.2	2.4	3.1	2.4	2.4	2.2	1.9	1.6	1.9	1.4	-	3.2	2.3
	MAXIMUM	4.4	4.4	5.7	6.4	4.5	4.8	4.2	3.7	4.5	1.6	-	5.4	6.4
	DAY-HR	14-15	12-08	21-01	05-16	10-04	04-02	26-02	10-14	21-07	01-02	-	28-12	APR
	# OBS	741	672	739	718	739	720	742	739	719	7	-	312	6848
1992	MEAN	3.2	-	-	-	-	1.1	1.7	1.7	1.9	2.4	2.4	3.3	2.2
	MAXIMUM	5.8	-	-	-	-	2.8	3.1	3.3	4.0	5.5	5.1	6.6	6.6
	DAY-HR	05-11	-	-	-	-	30-20	25-05	16-13	26-08	31-20	27-05	16-00	DEC
	# OBS	372	-	-	-	-	174	739	739	658	617	574	719	4592
1993	MEAN	2.3	2.0	-	-	1.6	2.1	2.4	2.0	1.6	1.7	2.4	3.0	2.2
	MAXIMUM	5.9	2.8	-	-	2.7	3.6	4.2	4.5	3.7	4.1	7.0	6.1	7.0
	DAY-HR	20-18	04-00	-	-	23-04	30-06	13-00	25-02	21-03	24-11	12-15	10-19	NOV
	# OBS	678	59	-	-	218	703	728	730	712	734	706	739	6007
1994	MEAN	2.5	2.6	2.6	2.5	2.2	2.0	2.4	1.8	1.8	2.4	3.0	3.3	2.4



TOTAL %	0.4	9.0	3.7	3.7	6.0	8.0	20.5	10.2	4.5	3.1	2.9	5.6	22.3	100.0	
TOTAL N	47	967	394	400	649	865	2200	1095	488	335	316	602	2394		10752
(* < 0.05%)															

STATION: 46014

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	0.3	*	0.1	0.1	0.1	0.1	0.1	*	0.1	*	*	*	*	0.9	109
1 - 3		1.0	0.8	1.0	0.8	0.8	0.7	0.6	0.6	0.5	0.6	0.8	0.7	8.6	1076
4 - 6		1.8	1.1	1.0	1.3	1.2	1.3	1.0	0.8	0.6	0.9	1.2	2.0	14.2	1770
7 - 10		2.7	0.4	0.3	1.0	1.6	2.3	2.0	0.9	0.6	0.8	2.1	6.1	20.8	2589
11 - 15		1.9	0.1	0.1	0.4	0.8	3.2	2.2	0.7	0.4	0.6	1.8	8.9	21.2	2643
16 - 20		0.7	-	-	0.1	0.5	3.7	1.9	0.4	0.4	0.3	0.9	9.6	18.5	2304
21 - 24		0.1	-	-	*	0.4	2.0	0.8	0.1	0.1	0.1	0.4	5.5	9.5	1187
25 - 33		*	-	-	-	0.4	2.2	0.4	0.1	*	*	0.1	2.8	6.1	759
34 - 47		-	-	-	-	*	0.1	*	-	-	-	-	0.1	0.2	29
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	8.2	2.4	2.4	3.6	5.7	15.5	9.0	3.6	2.8	3.4	7.4	35.7	100.0	
TOTAL N	38	1027	300	298	445	706	1927	1123	450	349	423	928	4452		12466
(* < 0.05%)															

STATION: 46014

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

Month: APR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.5	0.1	0.1	*	*	*	*	0.1	0.1	0.1	*	*	*	1.1	139
1 - 3		1.1	0.8	0.5	0.8	0.7	0.6	0.7	0.5	0.4	0.6	0.8	1.0	8.6	1097
4 - 6		2.4	1.2	0.8	0.8	1.0	1.0	0.9	0.7	0.5	1.0	1.8	2.9	14.9	1906
7 - 10		2.9	0.4	0.1	0.7	1.0	1.8	1.3	0.6	0.4	0.7	2.2	7.4	19.4	2481
11 - 15		2.4	*	*	0.1	0.5	2.2	1.5	0.3	0.3	0.3	2.1	14.0	23.8	3037
16 - 20		0.9	-	-	*	0.2	1.5	0.9	0.3	0.1	0.1	1.2	12.2	17.2	2200
21 - 24		0.2	-	-	*	0.1	0.4	0.1	0.1	*	*	0.4	7.3	8.7	1107
25 - 33		*	-	-	*	*	0.1	0.1	*	-	*	0.1	5.6	6.1	774
34 - 47		-	-	-	-	-	*	*	-	-	-	-	0.1	0.1	14
> 48		-	-	*	-	-	-	-	-	-	-	-	*	0.0	2
TOTAL %	0.5	10.0	2.5	1.5	2.5	3.5	7.7	5.5	2.5	1.7	2.7	8.7	50.6	100.0	
TOTAL N	62	1281	323	189	320	449	979	703	322	221	350	1105	6453		12757
(* < 0.05%)															

STATION: 46014

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	0.7	0.1	*	*	0.1	*	*	*	0.1	*	0.1	0.1	0.1	1.3	149
1 - 3		0.9	0.8	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.7	0.7	1.0	7.7	876
4 - 6		2.0	0.7	0.5	0.5	0.9	1.0	1.1	0.5	0.4	0.6	1.6	2.4	11.9	1353
7 - 10		2.9	0.4	0.1	0.2	0.4	1.6	1.5	0.4	0.2	0.4	2.0	6.9	16.9	1918
11 - 15		2.2	*	0.1	*	0.3	2.3	0.9	0.1	*	0.2	2.2	13.1	21.5	2436
16 - 20		0.5	-	*	*	0.2	1.5	0.2	*	-	*	1.3	15.7	19.4	2200
21 - 24		0.1	-	-	-	0.1	0.7	0.1	-	-	-	0.4	11.1	12.4	1405
25 - 33		*	-	-	-	0.1	0.2	*	-	-	-	0.2	8.2	8.6	980
34 - 47		-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	13
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	8.5	1.9	1.2	1.2	2.6	7.7	4.4	1.6	1.1	1.9	8.6	58.5	100.0	
TOTAL N	79	968	211	136	138	292	874	501	183	128	214	979	6627		11330
(* < 0.05%)															

STATION: 46014

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

Month: JUN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	0.1	0.1	*	0.1	0.1	*	0.1	*	0.1	*	*	*	1.4	170
1 - 3		1.4	0.6	0.3	0.4	0.6	0.7	0.7	0.5	0.5	0.6	0.9	1.3	8.5	1068
4 - 6		2.2	0.6	0.1	0.4	0.5	1.3	1.3	0.6	0.2	0.4	1.4	3.0	12.0	1505
7 - 10		2.4	0.2	*	*	0.2	1.3	1.7	0.3	0.1	0.2	1.9	8.0	16.4	2062
11 - 15		2.8	*	-	*	0.1	0.9	0.9	*	-	*	2.2	14.9	21.9	2752
16 - 20		1.4	-	-	-	*	0.3	0.3	-	-	-	1.8	17.5	21.4	2687

21 - 24	0.1	-	-	-	-	0.2	*	*	-	-	0.9	11.4	12.6	1579
25 - 33	*	-	-	-	-	0.1	-	-	-	-	0.6	5.1	5.8	723
34 - 47	-	-	-	-	-	-	-	-	-	-	-	*	0.0	4
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	10.4	1.5	0.4	0.9	1.6	4.9	5.0	1.5	0.8	1.2	9.8	61.4	100.0
TOTAL N	81	1300	188	56	115	196	610	626	188	106	155	1227	7702	12550

STATION: 46014

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

Month: JUL

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.9	0.1	0.1	0.1	0.1	*	0.1	0.1	*	0.1	0.1	0.1	0.1	1.8	274
1 - 3		1.3	0.9	0.5	0.6	0.8	1.0	1.2	0.9	0.6	0.8	1.2	1.5	11.2	1666
4 - 6		2.4	0.6	0.1	0.2	0.5	1.4	1.8	0.7	0.3	0.6	1.6	3.6	14.0	2076
7 - 10		2.4	0.1	*	*	0.2	1.3	1.9	0.3	0.1	0.1	1.9	8.7	17.1	2537
11 - 15		2.0	*	*	-	-	0.3	0.7	*	-	*	2.2	18.3	23.6	3507
16 - 20		1.0	-	-	-	-	*	*	-	-	-	1.4	16.7	19.1	2839
21 - 24		0.1	-	-	-	-	-	-	-	-	-	0.6	8.7	9.4	1393
25 - 33		-	-	-	-	-	-	-	-	-	-	0.3	3.4	3.7	555
34 - 47		-	-	-	-	-	-	-	-	-	-	-	*	0.0	3
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	9.2	1.7	0.7	0.9	1.6	4.0	5.7	2.0	1.0	1.6	9.3	61.1	100.0	
TOTAL N	127	1366	259	110	138	241	598	850	302	154	245	1387	9073	14850	

STATION: 46014

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

Month: AUG

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.8	0.2	*	0.1	0.1	0.1	*	0.1	0.1	0.1	0.1	0.1	0.1	1.7	257
1 - 3		1.8	1.2	0.7	0.8	0.9	1.2	1.0	0.8	0.6	0.7	1.2	1.7	12.6	1883
4 - 6		3.2	1.2	0.5	0.4	0.7	1.7	1.6	0.7	0.3	0.5	1.6	4.0	16.4	2453
7 - 10		3.2	0.3	0.1	0.1	0.3	1.8	1.2	0.2	*	0.1	2.0	10.4	19.8	2962
11 - 15		2.5	*	-	-	0.1	0.7	0.7	*	*	-	2.2	19.7	25.8	3863
16 - 20		0.7	-	-	-	*	0.3	0.1	*	-	-	1.3	14.1	16.6	2475
21 - 24		*	-	-	-	*	0.1	-	-	-	-	0.7	4.9	5.8	862
25 - 33		-	-	-	-	*	-	*	-	-	-	0.2	1.0	1.3	188
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
TOTAL %	0.8	11.7	2.7	1.4	1.3	2.0	5.9	4.7	1.8	1.0	1.4	9.3	55.9	100.0	
TOTAL N	124	1745	406	208	195	305	881	703	264	154	214	1395	8350	14944	

STATION: 46014

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	1.0	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.1	308
1 - 3		1.8	1.4	1.1	1.1	1.3	1.5	1.2	1.0	0.9	0.9	1.5	1.9	15.7	2299
4 - 6		3.6	1.4	0.6	0.9	1.2	2.3	1.9	0.8	0.4	0.6	1.9	4.4	19.8	2915
7 - 10		3.8	0.4	0.1	0.3	0.8	2.7	2.3	0.3	0.1	0.4	1.8	9.9	22.8	3355
11 - 15		2.1	0.1	*	*	0.1	1.5	1.2	0.1	*	0.1	1.5	13.4	20.0	2934
16 - 20		0.7	-	-	-	*	0.3	0.2	*	*	-	0.7	10.0	11.9	1751
21 - 24		0.2	-	-	-	-	0.1	*	-	-	-	0.3	4.9	5.4	796
25 - 33		*	-	-	-	-	-	-	-	-	-	0.2	2.0	2.2	330
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	*	-	-	-	-	-	-	-	-	*	-	0.0	2
TOTAL %	1.0	12.2	3.5	1.9	2.4	3.4	8.3	7.0	2.3	1.5	1.9	7.8	46.7	100.0	
TOTAL N	140	1799	510	275	358	506	1226	1026	345	215	285	1152	6853	14690	

STATION: 46014

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

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.7	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	2.1	288
1 - 3		2.1	1.4	1.3	1.5	1.4	1.1	0.8	0.7	0.6	0.9	1.3	1.8	14.9	2058

4 - 6	4.2	1.5	0.9	1.3	1.3	1.6	1.3	0.6	0.4	0.6	2.0	5.1	20.5	2846
7 - 10	4.4	0.4	0.2	0.6	1.5	2.7	1.6	0.5	0.1	0.3	1.8	10.3	24.5	3387
11 - 15	1.8	0.1	*	*	0.4	2.7	0.9	0.1	0.1	0.1	1.3	10.7	18.2	2517
16 - 20	0.3	*	*	*	0.2	1.7	0.5	0.1	*	*	0.6	8.2	11.6	1612
21 - 24	*	-	*	*	-	0.7	0.3	-	-	-	0.3	4.4	5.7	793
25 - 33	*	*	0.1	-	*	0.4	0.2	-	-	-	0.1	1.7	2.5	342
34 - 47	-	-	-	-	*	*	-	-	-	-	-	*	0.1	7
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	12.9	3.5	2.6	3.6	4.8	11.0	5.6	1.9	1.3	2.1	7.5	42.4	100.0
TOTAL N	103	1789	486	359	494	671	1524	773	270	184	290	1037	5870	13850

(\* < 0.05%)

STATION: 46014

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

Month: NOV

		WIND DIRECTION												TOT %	TOT N
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		
0	0.3	0.1	0.1	0.1	0.1	0.1	*	0.1	*	*	0.1	*	*	1.1	144
1 - 3		1.5	1.7	1.4	1.3	1.2	0.8	0.8	0.5	0.5	0.6	0.9	1.1	12.1	1637
4 - 6		3.1	2.0	2.1	2.7	2.2	1.6	1.0	0.5	0.4	0.6	1.0	2.7	19.7	2651
7 - 10		3.1	0.9	0.6	2.3	2.2	2.5	1.3	0.5	0.5	0.5	1.4	5.5	21.3	2874
11 - 15		2.1	0.1	*	0.4	1.1	4.2	1.5	0.5	0.3	0.4	1.2	7.7	19.5	2625
16 - 20		0.8	*	-	0.1	0.7	3.8	0.9	0.2	0.2	0.2	1.0	7.4	15.3	2058
21 - 24		0.2	-	-	*	0.5	2.2	0.2	0.1	*	0.1	0.3	3.5	7.2	976
25 - 33		0.1	-	-	*	0.3	1.9	0.1	0.1	-	*	0.1	1.0	3.6	484
34 - 47		-	-	-	-	*	0.3	-	-	-	-	*	-	0.3	39
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	10.9	4.9	4.1	6.8	8.4	17.3	5.8	2.3	1.9	2.5	5.8	29.0	100.0	
TOTAL N	45	1467	658	558	912	1129	2338	789	309	251	335	785	3912		13488

(\* < 0.05%)

STATION: 46014

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

Month: DEC

		WIND DIRECTION												TOT %	TOT N
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		
0	0.4	0.1	*	*	0.1	0.1	0.1	*	0.1	*	0.1	*	*	1.1	159
1 - 3		1.2	1.5	1.5	1.3	1.1	0.9	0.8	0.4	0.4	0.5	0.7	0.8	11.3	1614
4 - 6		2.4	2.2	2.5	3.4	2.1	1.6	1.1	0.6	0.4	0.5	0.9	1.8	19.5	2777
7 - 10		3.2	1.1	1.3	3.7	2.5	3.1	1.5	0.7	0.4	0.5	1.1	3.9	23.0	3278
11 - 15		2.3	0.3	0.2	0.8	1.2	3.8	1.6	0.8	0.4	0.4	0.9	4.9	17.7	2532
16 - 20		1.4	*	*	0.5	1.1	4.3	0.9	0.4	0.3	0.2	0.5	4.5	14.3	2040
21 - 24		0.3	-	*	0.1	0.5	2.5	0.5	0.1	0.1	*	0.2	2.7	7.1	1009
25 - 33		0.1	-	-	0.1	0.8	2.3	0.5	*	0.1	*	0.2	1.7	5.7	817
34 - 47		-	-	-	-	-	0.2	*	-	-	-	-	0.1	0.3	47
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	11.0	5.2	5.6	9.9	9.3	18.9	7.1	3.2	2.2	2.3	4.5	20.4	100.0	
TOTAL N	60	1563	746	805	1415	1322	2693	1014	453	318	323	647	2914		14273

(\* < 0.05%)

STATION: 46014

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

All Months: Annual

		WIND DIRECTION												TOT %	TOT N
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		
0	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.4	2276
1 - 3		1.4	1.2	1.0	1.0	0.9	0.9	0.8	0.6	0.6	0.7	1.0	1.2	11.2	17892
4 - 6		2.6	1.3	1.1	1.4	1.3	1.5	1.3	0.7	0.4	0.6	1.4	3.0	16.6	26552
7 - 10		3.1	0.5	0.4	1.2	1.3	2.3	1.7	0.5	0.3	0.4	1.7	7.1	20.4	32704
11 - 15		2.2	0.1	0.1	0.3	0.6	2.6	1.4	0.4	0.2	0.3	1.7	11.4	21.2	33925
16 - 20		0.9	*	*	0.1	0.4	2.3	0.8	0.2	0.1	0.1	1.0	10.4	16.5	26339
21 - 24		0.2	*	*	*	0.2	1.2	0.3	0.1	*	*	0.4	5.7	8.1	12974
25 - 33		*	*	*	*	0.2	0.9	0.2	*	*	*	0.2	2.9	4.4	7073
34 - 47		-	-	-	-	*	0.1	*	*	-	-	*	*	0.2	241
> 48		-	*	*	-	-	-	-	-	-	-	*	*	0.0	5
TOTAL %	0.6	10.5	3.2	2.5	4.0	5.1	11.8	6.5	2.5	1.7	2.2	7.4	41.9	100.0	
TOTAL N	979	16790	5119	4025	6455	8085	18888	10378	4061	2747	3488	11891	67075		159981

(\* < 0.05%)

STATION: 46014

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.5	0.1	0.1	*	0.1	0.1	*	*	*	*	0.1	*	*	1.1	438
1 - 3		1.2	1.3	1.3	1.3	1.0	0.9	0.8	0.5	0.5	0.5	0.7	0.9	10.8	4232
4 - 6		2.2	1.9	2.1	2.8	1.9	1.6	1.1	0.7	0.5	0.5	0.9	1.9	18.1	7077
7 - 10		2.9	1.0	1.0	3.0	2.4	3.1	1.9	0.8	0.5	0.5	1.2	3.6	21.9	8539
11 - 15		2.3	0.3	0.1	0.8	1.5	4.5	2.1	0.8	0.5	0.5	1.1	4.9	19.5	7611
16 - 20		1.4	*	*	0.4	1.2	5.0	1.5	0.5	0.3	0.3	0.6	4.5	15.9	6213
21 - 24		0.3	*	*	0.1	0.6	2.8	0.6	0.2	0.1	0.1	0.2	2.5	7.4	2876
25 - 33		0.1	-	-	*	0.5	2.1	0.4	0.1	*	*	0.1	1.5	5.0	1938
34 - 47		-	-	-	-	*	0.2	0.1	*	-	-	-	*	0.3	132
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	10.4	4.6	4.7	8.6	9.2	20.3	8.4	3.7	2.5	2.5	4.9	19.9	100.0	
TOTAL N	180	4048	1778	1836	3340	3590	7931	3284	1428	985	977	1896	7783		39056

(\* < 0.05%)

STATION: 46014

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	0.5	*	0.1	*	0.1	*	*	*	0.1	*	0.1	0.1	*	1.1	397
1 - 3		1.0	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.6	0.8	0.9	8.3	3049
4 - 6		2.1	1.0	0.7	0.9	1.1	1.1	1.0	0.7	0.5	0.8	1.5	2.4	13.8	5029
7 - 10		2.8	0.4	0.2	0.6	1.0	1.9	1.6	0.6	0.4	0.7	2.1	6.8	19.1	6988
11 - 15		2.2	0.1	*	0.2	0.6	2.6	1.6	0.4	0.2	0.4	2.0	12.0	22.2	8116
16 - 20		0.7	-	*	*	0.3	2.2	1.0	0.2	0.2	0.1	1.2	12.4	18.3	6704
21 - 24		0.1	-	-	*	0.2	1.0	0.3	0.1	*	*	0.4	7.9	10.1	3699
25 - 33		*	-	-	*	0.2	0.9	0.2	*	*	*	0.1	5.5	6.9	2513
34 - 47		-	-	-	-	*	*	*	-	-	-	-	0.1	0.2	56
> 48		-	-	*	-	-	-	-	-	-	-	-	*	0.0	2
TOTAL %	0.5	9.0	2.3	1.7	2.5	4.0	10.3	6.4	2.6	1.9	2.7	8.2	48.0	100.0	
TOTAL N	179	3276	834	623	903	1447	3780	2327	955	698	987	3012	17532		36553

(\* < 0.05%)

STATION: 46014

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.8	0.1	0.1	0.1	0.1	0.1	*	0.1	*	0.1	0.1	0.1	0.1	1.7	701
1 - 3		1.5	0.9	0.5	0.6	0.8	1.0	1.0	0.7	0.6	0.7	1.1	1.5	10.9	4617
4 - 6		2.6	0.8	0.3	0.3	0.6	1.5	1.6	0.7	0.3	0.5	1.6	3.6	14.2	6034
7 - 10		2.7	0.2	*	*	0.3	1.5	1.6	0.3	0.1	0.1	1.9	9.1	17.9	7561
11 - 15		2.4	*	*	*	0.1	0.6	0.8	*	*	*	2.2	17.8	23.9	10122
16 - 20		1.0	-	-	-	*	0.2	0.1	*	-	-	1.5	16.0	18.9	8001
21 - 24		0.1	-	-	-	*	0.1	*	*	-	-	0.7	8.2	9.1	3834
25 - 33		*	-	-	-	*	*	*	-	-	-	0.4	3.1	3.5	1466
34 - 47		-	-	-	-	-	-	-	-	-	-	-	*	0.0	7
> 48		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
TOTAL %	0.8	10.4	2.0	0.9	1.1	1.8	4.9	5.1	1.8	1.0	1.5	9.5	59.3	100.0	
TOTAL N	332	4411	853	374	448	742	2089	2179	754	414	614	4009	25125		42344

(\* < 0.05%)

STATION: 46014

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

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.8	740
1 - 3		1.8	1.5	1.3	1.3	1.3	1.1	0.9	0.7	0.7	0.8	1.2	1.6	14.3	5994
4 - 6		3.6	1.6	1.2	1.6	1.5	1.8	1.4	0.6	0.4	0.6	1.6	4.1	20.0	8412
7 - 10		3.8	0.6	0.3	1.0	1.5	2.7	1.8	0.4	0.2	0.4	1.7	8.6	22.9	9616
11 - 15		2.0	0.1	*	0.1	0.5	2.7	1.2	0.2	0.1	0.2	1.3	10.7	19.2	8076
16 - 20		0.6	*	*	*	0.3	1.9	0.5	0.1	0.1	0.1	0.8	8.6	12.9	5421
21 - 24		0.1	-	*	*	0.2	1.0	0.2	*	*	*	0.3	4.3	6.1	2565
25 - 33		*	*	*	*	0.1	0.7	0.1	*	-	*	0.1	1.6	2.8	1156
34 - 47		-	-	-	-	*	0.1	-	-	-	-	*	*	0.1	46
> 48		-	*	-	-	-	-	-	-	-	-	*	-	0.0	2
TOTAL %	0.7	12.0	3.9	2.8	4.2	5.5	12.1	6.2	2.2	1.5	2.2	7.1	39.6	100.0	
TOTAL N	288	5055	1654	1192	1764	2306	5088	2588	924	650	910	2974	16635		42028

(\* < 0.05%)

STATION: 46014

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	-	100.0	13995
1 - 3	*	0.2	0.6	0.3	0.1	*	*	-	-	-	-	-	-	-	-	11.1	1559
4 - 6	*	1.0	5.5	2.9	1.2	0.5	0.1	*	*	-	-	-	-	-	-	17.9	2506
7 - 10	-	2.0	8.3	6.3	3.1	1.1	0.3	0.1	*	-	-	-	-	-	-	21.3	2977
11 - 15	-	1.8	6.2	7.1	3.7	1.4	0.4	0.1	*	-	-	-	-	-	-	20.8	2911
16 - 20	-	0.6	4.2	6.1	3.8	1.6	0.4	0.2	*	*	*	-	-	-	-	16.8	2354
21 - 24	-	*	1.0	2.7	1.9	0.8	0.3	0.1	*	*	-	-	-	-	-	6.9	961
25 - 33	-	-	0.2	1.3	1.1	0.6	0.3	0.1	*	*	-	-	-	-	-	3.5	492
34 - 47	-	-	-	-	0.1	0.1	0.1	*	*	*	*	-	-	-	-	0.3	48
> 48	-	*	0.1	*	*	*	*	-	-	-	-	-	-	-	-	0.1	20
TOTAL %	0.0	7.1	34.6	31.3	17.0	6.9	2.0	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	998	4849	4380	2386	972	279	90	22	11	3	0	0	0	0		13995

(\* < 0.05%)

STATION: 46014

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	-	100.0	111
1 - 3	-	0.2	0.5	0.3	0.1	*	-	-	-	-	-	-	-	-	-	1.0	111
4 - 6	-	1.2	3.7	2.6	0.9	0.6	0.2	*	*	-	-	-	-	-	-	9.2	1031
7 - 10	-	1.9	6.2	4.5	1.8	0.7	0.3	0.1	-	-	-	-	-	-	-	15.5	1743
11 - 15	-	2.0	7.1	5.5	3.2	1.2	0.4	*	*	-	-	-	-	-	-	19.5	2199
16 - 20	-	1.3	5.2	6.2	3.5	1.4	0.6	0.2	*	*	-	-	-	-	-	18.3	2065
21 - 24	*	0.3	3.3	5.5	3.8	1.3	0.6	0.2	0.1	*	-	-	-	-	-	15.1	1695
25 - 33	-	*	1.1	3.3	2.2	0.6	0.3	0.1	-	*	-	-	-	-	-	7.6	855
34 - 47	-	-	0.2	1.5	2.1	1.0	0.3	0.1	-	-	-	-	-	-	-	5.1	574
> 48	0.1	1.0	4.1	2.5	0.9	-	*	-	-	-	-	-	-	-	-	8.5	959
TOTAL %	0.1	7.9	31.1	31.8	18.5	7.0	2.8	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	7	886	3504	3585	2079	789	317	73	15	6	0	0	0	0	0		11261

(\* < 0.05%)

STATION: 46014

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	-	100.0	104
1 - 3	-	0.2	0.4	0.2	0.1	-	-	-	-	-	-	-	-	-	-	0.8	104
4 - 6	-	1.6	3.3	2.2	0.7	0.2	*	*	-	-	-	-	-	-	-	8.1	1004
7 - 10	*	2.3	5.7	3.7	1.5	0.3	0.1	*	-	-	-	-	-	-	-	13.6	1696
11 - 15	*	2.3	7.7	6.0	2.5	0.8	0.2	0.1	*	-	-	-	-	-	-	19.7	2452
16 - 20	-	0.8	7.0	8.0	2.8	1.2	0.2	0.1	*	-	-	-	-	-	-	20.0	2485
21 - 24	-	0.4	3.7	7.9	3.7	1.3	0.3	0.1	-	-	-	-	-	-	-	17.3	2154
25 - 33	-	0.1	0.9	3.8	3.2	0.7	0.1	*	-	-	-	-	-	-	-	8.8	1090
34 - 47	-	*	0.3	1.2	2.2	1.5	0.2	*	-	-	-	-	-	-	-	5.4	669
> 48	-	-	-	-	0.1	0.1	*	-	-	-	-	-	-	-	-	0.2	29
TOTAL %	0.1	8.0	31.1	35.3	17.8	6.3	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	9	989	3858	4391	2212	779	142	41	4	0	0	0	0	0	0		12425

(\* < 0.05%)

STATION: 46014

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	-	100.0	106
1 - 3	-	0.2	0.5	0.1	0.1	*	-	-	-	-	-	-	-	-	-	0.9	106
4 - 6	*	2.5	4.2	1.1	0.2	0.2	*	-	-	-	-	-	-	-	-	8.3	981
7 - 10	*	4.2	7.0	2.3	0.6	0.3	0.1	*	-	-	-	-	-	-	-	14.4	1711
11 - 15	-	3.9	9.8	3.3	0.7	0.3	0.2	*	-	-	-	-	-	-	-	18.3	2171
16 - 20	-	2.7	12.3	5.4	1.5	0.3	*	-	-	-	-	-	-	-	-	22.2	2633
21 - 24	-	0.7	6.9	6.2	1.7	0.3	*	-	-	-	-	-	-	-	-	15.8	1872
25 - 33	-	-	1.6	4.6	1.6	0.2	-	-	-	-	-	-	-	-	-	8.0	944
34 - 47	-	-	0.1	1.9	2.6	0.7	-	-	-	-	-	-	-	-	-	5.4	639
> 48	-	-	-	*	-	*	-	-	-	-	-	-	-	-	-	0.1	6
TOTAL %	0.1	1.7	2.8	1.9	0.3	*	-	-	-	-	-	-	-	-	-	6.8	805

TOTAL %	0.0	15.8	45.2	26.8	9.4	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	1880	5366	3177	1116	277	42	5	0	0	0	0	0	0		11868

(\* < 0.05%)

STATION: 46014

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	-	0.8	94
1 - 3	-	2.5	3.0	0.7	0.2	-	-	-	-	-	-	-	-	-	-	6.4	776
4 - 6	-	4.0	4.7	1.0	0.1	-	-	-	-	-	-	-	-	-	-	9.8	1179
7 - 10	-	5.3	7.5	1.6	0.2	-	-	-	-	-	-	-	-	-	-	14.5	1756
11 - 15	-	4.2	9.7	3.0	0.4	*	-	-	-	-	-	-	-	-	-	17.4	2104
16 - 20	-	0.8	9.0	5.4	0.8	0.1	-	-	-	-	-	-	-	-	-	16.1	1941
21 - 24	-	0.1	2.7	6.1	1.3	0.1	-	-	-	-	-	-	-	-	-	10.2	1230
25 - 33	*	*	0.2	3.5	2.9	0.5	0.1	-	-	-	-	-	-	-	-	7.2	870
34 - 47	-	-	-	-	0.1	*	*	-	-	-	-	-	-	-	-	0.1	13
> 48	*	3.5	7.4	5.1	1.4	0.1	-	-	-	-	-	-	-	-	-	17.5	2111
TOTAL %	0.0	20.6	44.7	26.4	7.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	2491	5399	3186	892	93	11	0	0	0	0	0	0	0	0		12074

(\* < 0.05%)

STATION: 46014

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	-	1.2	161
1 - 3	-	3.5	3.6	0.6	0.1	-	-	-	-	-	-	-	-	-	-	7.8	1036
4 - 6	*	5.6	4.4	0.8	*	-	-	-	-	-	-	-	-	-	-	10.9	1457
7 - 10	*	6.7	6.6	1.7	0.2	-	-	-	-	-	-	-	-	-	-	15.3	2043
11 - 15	*	5.1	11.1	4.0	0.3	*	-	-	-	-	-	-	-	-	-	20.5	2745
16 - 20	-	1.3	11.2	6.9	0.7	*	-	-	-	-	-	-	-	-	-	20.0	2675
21 - 24	-	0.1	3.7	7.1	0.8	*	-	-	-	-	-	-	-	-	-	11.8	1572
25 - 33	-	-	0.3	3.1	1.9	*	-	-	-	-	-	-	-	-	-	5.4	719
34 - 47	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	4
> 48	-	0.6	3.1	2.6	0.8	0.1	-	-	-	-	-	-	-	-	-	7.1	955
TOTAL %	0.0	23.5	44.6	26.8	4.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	6	3140	5968	3582	646	25	0	0	0	0	0	0	0	0	0		13367

(\* < 0.05%)

STATION: 46014

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	-	1.9	268
1 - 3	-	5.2	5.2	0.9	*	-	-	-	-	-	-	-	-	-	-	11.3	1639
4 - 6	-	7.5	5.7	0.9	0.1	-	-	-	-	-	-	-	-	-	-	14.2	2055
7 - 10	*	7.8	8.0	1.5	0.1	-	-	-	-	-	-	-	-	-	-	17.3	2509
11 - 15	-	5.1	13.8	4.3	0.2	-	-	-	-	-	-	-	-	-	-	23.4	3389
16 - 20	-	1.0	11.5	5.9	0.4	*	-	-	-	-	-	-	-	-	-	18.8	2718
21 - 24	-	*	3.9	4.9	0.5	*	-	-	-	-	-	-	-	-	-	9.3	1345
25 - 33	-	-	0.2	2.7	0.8	*	-	-	-	-	-	-	-	-	-	3.8	544
34 - 47	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	3
> 48	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	8
TOTAL %	0.0	27.5	49.1	21.2	2.1	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	3987	7106	3068	307	9	0	0	0	0	0	0	0	0	0		14478

(\* < 0.05%)

STATION: 46014

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	-	1.7	251
1 - 3	0.1	6.9	5.2	0.5	*	-	-	-	-	-	-	-	-	-	-	12.7	1850
4 - 6	0.2	9.5	6.3	0.6	*	-	-	-	-	-	-	-	-	-	-	16.6	2420

7 - 10	0.1	9.8	8.9	1.1	*	-	-	-	-	-	-	-	-	-	-	19.9	2910
11 - 15	*	6.7	15.3	3.8	0.1	-	-	-	-	-	-	-	-	-	-	25.9	3787
16 - 20	-	0.9	11.1	4.1	0.1	-	-	-	-	-	-	-	-	-	-	16.2	2375
21 - 24	-	*	3.0	2.6	0.2	-	-	-	-	-	-	-	-	-	-	5.7	836
25 - 33	-	-	0.1	0.9	0.2	*	-	-	-	-	-	-	-	-	-	1.3	184
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	9
TOTAL %	0.4	34.8	50.6	13.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	56	5088	7395	1990	92	1	0	0	0	0	0	0	0	0	0		14622

(\* < 0.05%)

STATION: 46014

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		2.1	299
1 - 3		-	7.4	6.2	1.9	0.2	*	-	-	-	-	-	-	-	-	-	15.7	2245
4 - 6		*	9.5	8.1	2.0	0.2	*	*	-	-	-	-	-	-	-	-	19.8	2828
7 - 10		*	8.8	10.9	3.0	0.3	0.1	*	-	-	-	-	-	-	-	-	23.0	3285
11 - 15		-	4.8	11.2	3.6	0.5	*	-	-	-	-	-	-	-	-	-	20.2	2874
16 - 20		-	0.8	6.4	4.0	0.5	*	*	-	-	-	-	-	-	-	-	11.8	1681
21 - 24		-	*	1.2	3.1	0.6	0.1	*	-	-	-	-	-	-	-	-	5.1	729
25 - 33		-	-	0.1	1.2	0.8	0.1	-	-	-	-	-	-	-	-	-	2.1	306
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	10
TOTAL %		0.0	32.5	44.9	18.9	3.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		5	4640	6400	2692	463	49	8	0	0	0	0	0	0	0	0		14257

(\* < 0.05%)

STATION: 46014

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		2.1	288
1 - 3		*	3.8	7.8	2.6	0.6	0.1	*	*	-	-	-	-	-	-	-	14.9	2046
4 - 6		*	5.2	10.9	3.4	0.7	0.2	0.1	*	*	*	-	-	-	-	-	20.5	2821
7 - 10		-	6.1	12.1	4.6	1.2	0.2	0.1	*	0.1	*	-	-	-	-	-	24.3	3343
11 - 15		-	2.6	8.8	5.1	1.3	0.2	0.1	*	-	*	-	-	-	-	-	18.2	2498
16 - 20		-	0.7	4.6	4.5	1.4	0.3	*	-	-	-	-	-	-	-	-	11.6	1597
21 - 24		-	0.1	1.4	2.6	1.3	0.2	0.1	*	-	-	-	-	-	-	-	5.7	782
25 - 33		-	*	0.3	0.9	0.9	0.3	*	*	-	-	-	-	-	-	-	2.5	342
34 - 47		-	-	-	*	*	*	-	-	-	-	-	-	-	-	-	0.1	7
> 48		-	*	*	*	*	*	-	-	-	-	-	-	-	-	-	0.1	10
TOTAL %		0.0	19.0	47.1	24.2	7.4	1.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		4	2616	6475	3320	1022	206	63	15	10	3	0	0	0	0	0		13734

(\* < 0.05%)

STATION: 46014

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		1.1	144
1 - 3		*	1.8	5.5	3.4	1.1	0.3	0.1	0.1	*	-	-	-	-	-	-	12.2	1627
4 - 6		*	3.2	8.1	5.5	1.8	0.7	0.2	0.1	-	-	-	-	-	-	-	19.8	2640
7 - 10		*	2.6	8.8	6.0	2.4	0.8	0.4	0.2	0.1	*	-	-	-	-	-	21.3	2846
11 - 15		*	1.4	6.8	6.4	3.1	1.1	0.4	0.1	*	*	-	-	-	-	-	19.4	2587
16 - 20		-	0.4	4.5	6.3	2.7	1.0	0.1	*	0.1	*	-	-	-	-	-	15.2	2028
21 - 24		*	*	1.1	3.7	1.8	0.4	0.2	*	*	-	-	-	-	-	-	7.2	961
25 - 33		-	-	0.4	1.4	1.0	0.3	0.2	0.1	*	*	-	-	-	-	-	3.4	460
34 - 47		-	-	-	*	0.2	0.1	*	*	-	-	-	-	-	-	-	0.3	39
> 48		-	*	0.1	*	0.1	-	*	*	-	-	-	-	-	-	-	0.1	20
TOTAL %		0.1	9.6	35.9	33.0	14.1	4.8	1.7	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N		10	1281	4787	4412	1887	637	223	81	27	7	0	0	0	0	0		13352

(\* < 0.05%)

STATION: 46014

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

Month: DEC

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	1.1	158
1 - 3	-	0.2	0.4	0.4	0.1	*	-	-	-	-	-	-	-	-	-	11.3	1612
4 - 6	*	1.3	4.6	3.3	1.3	0.6	0.2	*	-	-	-	-	-	-	-	19.5	2769
7 - 10	*	2.2	7.3	5.9	2.5	1.0	0.3	0.1	*	*	-	-	-	-	-	23.0	3270
11 - 15	-	2.4	7.3	7.3	4.0	1.4	0.4	0.1	0.1	*	*	-	-	-	-	17.7	2522
16 - 20	-	0.8	4.3	6.1	4.2	1.7	0.5	0.2	0.1	*	*	-	-	-	-	14.3	2031
21 - 24	-	0.3	2.4	5.5	3.9	1.3	0.6	0.1	*	-	*	-	-	-	-	7.0	1000
25 - 33	*	*	0.9	2.2	2.4	1.1	0.3	0.1	*	*	-	-	-	-	-	5.7	812
34 - 47	-	*	0.2	1.2	2.2	1.5	0.5	0.1	0.1	*	-	-	-	-	-	0.3	47
> 48	-	-	-	*	0.1	0.1	0.1	*	-	-	-	-	-	-	-	0.0	2
TOTAL %	0.0	7.2	27.4	31.9	20.7	8.8	2.8	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	1026	3890	4534	2946	1248	404	115	43	10	5	0	0	0	0		14223

(\* < 0.05%)

STATION: 46014

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	-	1.3	2151
1 - 3	*	0.5	0.6	0.2	0.1	*	*	*	-	-	-	-	-	-	-	10.9	17406
4 - 6	*	3.3	4.9	1.9	0.5	0.2	0.1	*	*	-	-	-	-	-	-	16.2	25825
7 - 10	*	4.8	7.0	2.9	1.0	0.3	0.1	*	*	*	-	-	-	-	-	19.9	31761
11 - 15	*	5.1	8.6	4.0	1.5	0.5	0.2	0.1	*	*	*	-	-	-	-	20.4	32600
16 - 20	*	3.2	9.4	5.2	1.8	0.6	0.2	0.1	*	*	*	-	-	-	-	15.7	25121
21 - 24	*	0.7	6.6	5.6	1.9	0.6	0.2	*	*	*	*	-	-	-	-	7.7	12305
25 - 33	*	*	1.9	3.8	1.4	0.4	0.1	*	*	*	-	-	-	-	-	4.1	6611
34 - 47	*	*	0.2	1.7	1.5	0.5	0.1	*	*	*	*	-	-	-	-	0.1	225
> 48	-	-	-	*	*	*	*	*	*	*	*	-	-	-	-	3.5	5651
TOTAL %	0.1	18.2	40.7	26.5	10.1	3.2	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	112	29022	64997	42317	16048	5085	1489	420	121	37	8	0	0	0	0		159656

(\* < 0.05%)

STATION: 46014

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	-	1.1	436
1 - 3	*	0.2	0.5	0.3	0.1	*	*	-	-	-	-	-	-	-	-	10.6	4202
4 - 6	*	1.1	4.7	3.0	1.1	0.6	0.2	*	*	-	-	-	-	-	-	17.8	7018
7 - 10	*	1.9	7.5	5.1	2.2	0.9	0.2	0.1	*	*	-	-	-	-	-	21.4	8446
11 - 15	-	2.2	7.6	6.4	3.5	1.2	0.4	0.1	*	*	*	-	-	-	-	19.0	7498
16 - 20	-	1.3	5.2	6.5	3.8	1.5	0.5	0.2	*	*	*	-	-	-	-	15.4	6080
21 - 24	*	0.4	3.3	5.7	3.8	1.4	0.5	0.2	0.1	*	*	-	-	-	-	7.1	2816
25 - 33	*	*	1.0	2.7	2.2	0.9	0.3	0.1	*	*	-	-	-	-	-	4.8	1878
34 - 47	-	*	0.2	1.3	1.8	1.0	0.3	0.1	*	*	*	-	-	-	-	0.3	124
> 48	-	-	-	*	0.1	0.1	0.1	*	*	*	*	-	-	-	-	2.5	981
TOTAL %	0.0	7.4	31.0	31.7	18.8	7.6	2.5	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	14	2910	12243	12499	7411	3009	1000	278	80	27	8	0	0	0	0		39479

(\* < 0.05%)

STATION: 46014

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
0	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	-	0.8	304
1 - 3	-	0.2	0.4	0.2	*	*	-	-	-	-	-	-	-	-	-	7.6	2761
4 - 6	*	2.2	3.5	1.3	0.4	0.1	*	*	-	-	-	-	-	-	-	12.6	4586
7 - 10	*	3.5	5.8	2.4	0.7	0.2	0.1	*	*	-	-	-	-	-	-	17.5	6379
11 - 15	*	3.8	8.3	3.7	1.2	0.4	0.1	*	*	-	-	-	-	-	-	19.9	7222
16 - 20	*	2.6	9.6	5.5	1.6	0.5	0.1	*	*	-	-	-	-	-	-	16.4	5967
21 - 24	-	0.6	6.5	6.5	2.1	0.6	0.1	*	*	-	-	-	-	-	-	9.0	3264
25 - 33	-	*	1.7	4.8	2.0	0.3	*	*	-	-	-	-	-	-	-	6.0	2178
34 - 47	*	*	0.2	2.2	2.6	0.9	0.1	*	-	-	-	-	-	-	-	0.1	48
> 48	-	-	-	*	*	0.1	*	-	-	-	-	-	-	-	-	10.1	3658

TOTAL %	0.0	14.7	40.2	29.6	11.6	3.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	16	5360	14623	10754	4220	1149	195	46	4	0	0	0	0	0	36367	

(\* < 0.05%)

STATION: 46014

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	-	1.6	680
1 - 3	*	0.8	0.7	0.1	-	-	-	-	-	-	-	-	-	-	-	10.7	4525
4 - 6	0.1	7.6	5.5	0.8	*	-	-	-	-	-	-	-	-	-	-	14.0	5932
7 - 10	*	8.1	7.9	1.4	0.1	-	-	-	-	-	-	-	-	-	-	17.6	7462
11 - 15	*	5.7	13.5	4.0	0.2	*	-	-	-	-	-	-	-	-	-	23.4	9921
16 - 20	-	1.1	11.3	5.6	0.4	*	-	-	-	-	-	-	-	-	-	18.3	7768
21 - 24	-	*	3.5	4.8	0.5	*	-	-	-	-	-	-	-	-	-	8.8	3753
25 - 33	-	-	0.2	2.2	1.0	*	-	-	-	-	-	-	-	-	-	3.4	1447
34 - 47	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	7
> 48	-	0.2	1.0	0.8	0.2	*	-	-	-	-	-	-	-	-	-	2.3	972
TOTAL %	0.1	28.8	48.2	20.3	2.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	63	12215	20469	8640	1045	35	0	0	0	0	0	0	0	0	0	42467	

(\* < 0.05%)

STATION: 46014

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	-	1.8	731
1 - 3	*	0.6	0.8	0.3	0.1	*	*	*	-	-	-	-	-	-	-	14.3	5918
4 - 6	*	4.4	6.5	2.6	0.6	0.1	*	*	*	*	-	-	-	-	-	20.0	8289
7 - 10	*	6.0	9.0	3.6	0.9	0.3	0.1	*	*	*	-	-	-	-	-	22.9	9474
11 - 15	*	5.9	10.6	4.5	1.3	0.3	0.2	0.1	*	*	*	-	-	-	-	19.3	7959
16 - 20	*	3.0	9.0	5.0	1.6	0.4	0.2	*	*	*	-	-	-	-	-	12.8	5306
21 - 24	*	0.7	5.2	4.9	1.5	0.5	0.1	*	*	*	-	-	-	-	-	6.0	2472
25 - 33	*	*	1.3	3.1	1.2	0.2	0.1	*	*	-	-	-	-	-	-	2.7	1108
34 - 47	-	*	0.3	1.2	0.9	0.2	0.1	*	*	*	-	-	-	-	-	0.1	46
> 48	-	-	-	*	0.1	*	*	*	-	-	-	-	-	-	-	0.1	40
TOTAL %	0.0	20.6	42.7	25.2	8.2	2.2	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	19	8537	17662	10424	3372	892	294	96	37	10	0	0	0	0	0	41343	

(\* < 0.05%)

STATION: 46014

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	3
3.5 - 4.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	14
4.5 - 5.4	-	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.4	52
5.5 - 6.4	*	0.2	0.4	0.2	*	-	-	-	-	-	-	-	-	-	-	0.9	123
6.5 - 7.4	*	0.5	1.0	0.7	0.1	-	-	-	-	-	-	-	-	-	-	2.3	318
7.5 - 8.4	-	0.8	1.6	1.3	0.3	*	*	-	-	-	-	-	-	-	-	4.0	560
8.5 - 9.4	*	0.3	1.8	1.6	0.3	0.1	*	-	-	-	-	-	-	-	-	4.1	572
9.5 - 10.4	-	0.7	2.6	1.6	0.6	0.2	0.1	*	*	-	-	-	-	-	-	5.8	815
10.5 - 11.4	-	1.1	5.2	2.7	1.0	0.3	0.1	*	-	-	-	-	-	-	-	10.4	1455
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.5	9.0	8.1	4.1	1.3	0.2	*	*	-	-	-	-	-	-	24.2	3385
13.5 - 14.4	-	1.4	7.5	9.6	6.5	2.6	0.6	0.2	*	-	-	-	-	-	-	28.3	3956
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.3	4.0	4.0	3.1	1.8	0.7	0.4	*	*	-	-	-	-	-	14.3	1997
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	1.3	1.4	0.9	0.7	0.3	0.1	0.1	0.1	*	-	-	-	-	4.8	668
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	0.1	0.2	0.2	0.1	*	-	-	-	-	-	-	-	-	0.5	76
TOTAL %	0.0	7.1	34.6	31.3	17.1	6.9	2.0	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	

TOTAL N 5 998 4848 4380 2386 972 279 90 22 11 3 0 0 0 0 13994  
 (\* < 0.05%)

STATION: 46014

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

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	1
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	-	-	-	-	-	-	-	-	-	-	-	-	0.1	15
5.5 - 6.4	*	0.1	0.6	0.1	-	-	-	-	-	-	-	-	-	-	-	0.8	92
6.5 - 7.4	*	0.2	0.9	0.4	0.1	*	-	-	-	-	-	-	-	-	-	1.7	191
7.5 - 8.4	-	0.5	1.7	2.1	0.7	0.1	*	-	-	-	-	-	-	-	-	5.1	571
8.5 - 9.4	-	0.5	1.6	1.4	0.7	0.1	*	-	-	-	-	-	-	-	-	4.1	466
9.5 - 10.4	-	0.9	2.2	1.6	0.9	0.2	*	-	-	-	-	-	-	-	-	5.9	665
10.5 - 11.4	*	0.8	4.8	3.6	1.4	0.4	0.1	*	-	-	-	-	-	-	-	11.1	1251
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	2.0	7.7	8.2	3.5	1.1	0.3	0.1	-	-	-	-	-	-	-	22.8	2564
13.5 - 14.4	-	2.0	7.0	9.2	6.4	3.2	0.9	0.2	*	-	-	-	-	-	-	28.8	3240
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.7	3.2	3.7	3.9	1.8	1.2	0.4	0.1	*	-	-	-	-	-	15.0	1690
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	1.4	1.5	0.8	0.2	0.2	0.1	*	*	-	-	-	-	-	4.3	484
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	0.1	0.1	0.1	-	*	-	-	-	-	-	-	-	-	0.2	28
TOTAL %	0.1	7.9	31.1	31.8	18.5	7.0	2.8	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	7	886	3503	3585	2079	789	317	73	15	6	0	0	0	0	0		11260

STATION: 46014

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

Month: MAR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	2
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	11
4.5 - 5.4	*	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.4	51
5.5 - 6.4	-	0.1	0.8	0.3	-	-	-	-	-	-	-	-	-	-	-	1.2	147
6.5 - 7.4	*	0.2	0.7	1.1	0.1	-	-	-	-	-	-	-	-	-	-	2.2	275
7.5 - 8.4	*	0.4	1.6	1.8	0.8	*	-	-	-	-	-	-	-	-	-	4.7	581
8.5 - 9.4	-	0.5	1.2	1.1	0.8	0.1	*	-	-	-	-	-	-	-	-	3.7	462
9.5 - 10.4	-	0.8	3.5	2.0	0.9	0.4	*	-	-	-	-	-	-	-	-	7.6	947
10.5 - 11.4	-	1.0	5.7	5.4	1.9	0.6	0.1	-	-	-	-	-	-	-	-	14.8	1839
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.7	7.7	9.1	3.7	1.1	0.2	-	-	-	-	-	-	-	-	23.4	2906
13.5 - 14.4	-	2.1	5.7	9.0	6.0	2.5	0.4	*	-	-	-	-	-	-	-	25.7	3190
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.6	3.0	3.9	2.8	1.2	0.4	0.2	*	-	-	-	-	-	-	12.1	1501
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.9	1.7	0.6	0.4	0.1	0.1	*	-	-	-	-	-	-	3.8	473
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	0.1	0.1	0.1	0.1	*	-	-	-	-	-	-	-	-	0.3	40
TOTAL %	0.1	8.0	31.1	35.3	17.8	6.3	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	9	989	3858	4391	2212	779	142	41	4	0	0	0	0	0	0		12425

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16.5 - 17.4	-	3.0	0.9	*	*	-	-	-	-	-	-	-	-	-	-	-	4.0	584
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.7	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	146
TOTAL %	0.4	34.8	50.6	13.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	56	5085	7394	1990	92	1	0	0	0	0	0	0	0	0	0	0		14618

(\* < 0.05%)

STATION: 46014

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	21
4.5 - 5.4	-	1.2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	204
5.5 - 6.4	-	1.5	3.6	*	-	-	-	-	-	-	-	-	-	-	-	-	5.1	733
6.5 - 7.4	*	1.9	7.2	1.5	*	-	-	-	-	-	-	-	-	-	-	-	10.7	1524
7.5 - 8.4	*	6.0	7.5	4.6	0.4	*	-	-	-	-	-	-	-	-	-	-	18.6	2646
8.5 - 9.4	*	4.2	6.2	2.6	0.6	*	-	-	-	-	-	-	-	-	-	-	13.5	1928
9.5 - 10.4	-	3.9	6.2	3.1	0.4	*	-	-	-	-	-	-	-	-	-	-	13.6	1937
10.5 - 11.4	-	3.8	4.4	1.8	0.5	*	-	-	-	-	-	-	-	-	-	-	10.5	1501
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	3.0	4.0	2.2	0.4	*	-	-	-	-	-	-	-	-	-	-	9.6	1373
13.5 - 14.4	-	3.7	3.4	1.6	0.4	0.1	-	-	-	-	-	-	-	-	-	-	9.3	1320
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.7	1.4	1.2	0.4	0.1	0.1	-	-	-	-	-	-	-	-	-	5.9	845
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.4	0.4	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	1.3	181
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	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	40
TOTAL %	0.0	32.5	44.9	18.9	3.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	4639	6400	2690	462	49	8	0	0	0	0	0	0	0	0	0		14253

(\* < 0.05%)

STATION: 46014

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	-	*	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	6
4.5 - 5.4	-	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	64
5.5 - 6.4	-	0.7	1.5	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.3	314
6.5 - 7.4	-	0.9	2.7	1.0	*	-	-	-	-	-	-	-	-	-	-	-	4.7	647
7.5 - 8.4	*	2.3	4.0	2.5	0.3	*	-	-	-	-	-	-	-	-	-	-	9.3	1271
8.5 - 9.4	*	2.0	4.4	1.7	0.4	0.1	-	-	-	-	-	-	-	-	-	-	8.5	1173
9.5 - 10.4	*	2.2	5.9	2.0	0.5	0.1	-	-	-	-	-	-	-	-	-	-	10.6	1453
10.5 - 11.4	-	3.1	9.0	3.9	0.7	0.2	-	-	-	-	-	-	-	-	-	-	17.0	2330
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.4	10.3	6.6	1.8	0.2	*	-	-	-	-	-	-	-	-	-	21.3	2923
13.5 - 14.4	-	2.9	5.4	4.6	2.9	0.7	0.1	*	-	-	-	-	-	-	-	-	16.7	2291
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.0	2.7	1.3	0.6	0.3	0.3	0.1	*	*	-	-	-	-	-	-	7.3	1003
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.9	0.4	0.2	*	-	-	*	-	-	-	-	-	-	-	1.8	241
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	14
TOTAL %	0.0	19.0	47.2	24.2	7.4	1.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	

TOTAL N 4 2614 6474 3319 1022 206 63 15 10 3 0 0 0 0 0 13730  
 (\* < 0.05%)

STATION: 46014

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

Month: NOV

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
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	4
4.5 - 5.4	-	0.2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	0.6	75
5.5 - 6.4	-	0.1	1.1	0.3	-	-	-	-	-	-	-	-	-	-	-	1.4	193
6.5 - 7.4	*	0.2	1.4	1.0	0.1	-	-	-	-	-	-	-	-	-	-	2.7	354
7.5 - 8.4	0.1	1.1	1.7	1.9	0.4	0.1	*	-	-	-	-	-	-	-	-	5.2	699
8.5 - 9.4	-	1.0	1.9	1.4	0.4	0.1	*	-	-	-	-	-	-	-	-	4.7	634
9.5 - 10.4	-	1.1	4.2	2.5	0.7	0.2	*	*	-	-	-	-	-	-	-	8.7	1162
10.5 - 11.4	-	1.4	7.8	6.1	1.3	0.2	*	*	-	-	-	-	-	-	-	16.8	2241
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	1.6	9.8	9.6	3.5	0.8	*	*	*	-	-	-	-	-	-	25.3	3377
13.5 - 14.4	-	2.1	5.1	7.1	5.0	1.9	0.5	0.2	*	*	-	-	-	-	-	22.0	2933
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.7	2.0	2.3	2.3	1.5	0.9	0.3	0.1	*	-	-	-	-	-	10.2	1362
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	0.6	0.9	0.4	0.1	0.1	*	*	*	-	-	-	-	-	2.2	294
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	-	0.1	0.1	*	-	-	-	-	-	-	-	-	-	-	0.1	20
TOTAL %	0.1	9.6	35.9	33.0	14.1	4.8	1.7	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	10	1281	4787	4410	1887	637	223	81	27	7	0	0	0	0	0		13350

STATION: 46014

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

Month: DEC

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
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	5
4.5 - 5.4	-	*	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.2	23
5.5 - 6.4	-	0.1	0.5	0.3	*	-	-	-	-	-	-	-	-	-	-	0.9	123
6.5 - 7.4	-	0.2	0.5	0.5	0.1	-	-	-	-	-	-	-	-	-	-	1.2	174
7.5 - 8.4	-	0.5	1.3	1.3	0.5	0.1	-	-	-	-	-	-	-	-	-	3.7	520
8.5 - 9.4	-	0.4	2.0	1.3	0.5	0.1	*	*	-	-	-	-	-	-	-	4.3	611
9.5 - 10.4	-	0.6	2.4	1.6	0.7	0.3	*	-	-	-	-	-	-	-	-	5.7	814
10.5 - 11.4	-	1.0	4.3	3.8	1.5	0.5	0.1	*	-	-	-	-	-	-	-	11.2	1586
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.0	6.3	8.4	5.4	1.1	0.3	0.1	*	-	-	-	-	-	-	23.6	3352
13.5 - 14.4	-	1.7	6.4	8.6	7.5	3.7	1.0	0.2	*	*	*	-	-	-	-	29.2	4154
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	0.5	2.5	4.3	3.4	2.6	1.3	0.4	0.2	*	*	-	-	-	-	15.2	2163
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.1	1.0	1.7	0.9	0.5	0.1	0.1	*	*	-	-	-	-	-	4.4	632
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	0.1	0.2	*	*	-	-	-	-	-	-	-	-	-	0.4	60
TOTAL %	0.0	7.2	27.3	31.9	20.7	8.8	2.8	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	1026	3888	4533	2946	1247	404	115	43	10	5	0	0	0	0		14219

STATION: 46014



1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	10
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	29
4.5 - 5.4	*	0.4	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.8	278
5.5 - 6.4	-	0.5	2.4	0.4	*	-	-	-	-	-	-	-	-	-	-	-	3.2	1178
6.5 - 7.4	*	0.4	3.0	2.4	0.1	-	-	-	-	-	-	-	-	-	-	-	5.9	2135
7.5 - 8.4	*	1.4	3.6	4.2	1.3	*	-	-	-	-	-	-	-	-	-	-	10.6	3850
8.5 - 9.4	*	1.3	3.1	2.0	1.0	0.1	*	-	-	-	-	-	-	-	-	-	7.5	2729
9.5 - 10.4	-	1.7	5.2	2.3	1.1	0.3	*	-	-	-	-	-	-	-	-	-	10.5	3827
10.5 - 11.4	-	1.9	6.9	4.0	1.2	0.4	*	-	-	-	-	-	-	-	-	-	14.5	5263
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	2.3	7.2	6.1	2.1	0.5	0.1	-	-	-	-	-	-	-	-	-	18.2	6630
13.5 - 14.4	-	2.9	5.1	5.2	3.2	1.1	0.2	*	-	-	-	-	-	-	-	-	17.7	6449
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.6	2.7	2.1	1.3	0.6	0.2	0.1	*	-	-	-	-	-	-	-	8.6	3120
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.2	0.7	0.8	0.3	0.2	0.1	*	*	-	-	-	-	-	-	-	2.2	803
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
24.5 - 25.4	-	*	0.1	*	*	*	*	-	-	-	-	-	-	-	-	-	0.2	55
TOTAL %	0.0	14.7	40.2	29.6	11.6	3.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	16	5359	14621	10752	4217	1149	195	46	4	0	0	0	0	0	0	0		36359

(\* < 0.05%)

STATION: 46014

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

Months: JUN, JUL, AUG (Summer)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			0.0	1
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	78
4.5 - 5.4	-	1.7	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	940
5.5 - 6.4	*	2.2	7.6	0.3	-	-	-	-	-	-	-	-	-	-	-	-	10.1	4305
6.5 - 7.4	*	2.2	11.9	3.7	*	-	-	-	-	-	-	-	-	-	-	-	17.7	7531
7.5 - 8.4	0.1	7.1	10.4	8.6	0.8	*	-	-	-	-	-	-	-	-	-	-	26.9	11428
8.5 - 9.4	*	3.8	6.3	3.3	0.7	*	-	-	-	-	-	-	-	-	-	-	14.2	6025
9.5 - 10.4	-	2.1	5.5	2.2	0.4	*	-	-	-	-	-	-	-	-	-	-	10.2	4321
10.5 - 11.4	*	1.3	2.8	1.2	0.2	*	-	-	-	-	-	-	-	-	-	-	5.6	2364
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	*	1.4	1.2	0.7	0.2	*	-	-	-	-	-	-	-	-	-	-	3.6	1521
13.5 - 14.4	-	3.4	0.8	0.3	0.2	*	-	-	-	-	-	-	-	-	-	-	4.7	2013
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	2.9	1.0	*	*	-	-	-	-	-	-	-	-	-	-	-	3.8	1633
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	284
TOTAL %	0.1	28.8	48.2	20.3	2.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	63	12208	20459	8637	1045	35	0	0	0	0	0	0	0	0	0	0		42447

(\* < 0.05%)

STATION: 46014

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

Months: SEP, OCT, NOV (Autumn)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4			
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4			0.0	2
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	31
4.5 - 5.4	-	0.5	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	343
5.5 - 6.4	-	0.8	2.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.0	1240
6.5 - 7.4	*	1.0	3.9	1.2	0.1	-	-	-	-	-	-	-	-	-	-	-	6.1	2525
7.5 - 8.4	*	3.2	4.5	3.0	0.4	*	*	-	-	-	-	-	-	-	-	-	11.2	4616
8.5 - 9.4	*	2.4	4.2	1.9	0.4	*	*	-	-	-	-	-	-	-	-	-	9.0	3735
9.5 - 10.4	*	2.4	5.4	2.5	0.5	0.1	*	*	-	-	-	-	-	-	-	-	11.0	4552
10.5 - 11.4	-	2.8	7.0	3.9	0.8	0.1	*	*	-	-	-	-	-	-	-	-	14.7	6072
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	2.3	8.0	6.0	1.9	0.3	*	*	*	-	-	-	-	-	-	-	18.6	7673
13.5 - 14.4	-	3.0	4.6	4.4	2.7	0.9	0.2	0.1	*	*	-	-	-	-	-	-	15.8	6544

14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	1.8	2.0	1.6	1.1	0.6	0.4	0.1	0.1	*	-	-	-	-	-	7.8	3210	
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
19.5 - 20.4	-	0.2	0.6	0.6	0.2	*	*	*	*	*	-	-	-	-	-	1.7	716	
20.5 - 21.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
21.5 - 22.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
22.5 - 23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
23.5 - 24.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
24.5 - 25.4	-	*	0.1	*	*	-	-	-	-	-	-	-	-	-	-	0.2	74	
TOTAL %	0.0	20.6	42.7	25.2	8.2	2.2	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0		
TOTAL N	19	8534	17661	10419	3371	892	294	96	37	10	0	0	0	0	0	41333		

(\* < 0.05%)

STATION: 46014

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

Month: JAN

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.3	*	-	-	-	-	-	-	-	-	-	-	-	-	0.3	41
4.5 - 5.4	*	1.2	1.1	0.1	-	-	-	-	-	-	-	-	-	-	-	2.5	348
5.5 - 6.4	*	2.2	6.0	2.8	0.2	-	-	-	-	-	-	-	-	-	-	11.3	1576
6.5 - 7.4	-	1.4	7.4	6.8	1.9	0.2	*	-	-	-	-	-	-	-	-	17.7	2474
7.5 - 8.4	-	1.0	7.2	7.9	4.0	0.9	0.3	*	-	-	-	-	-	-	-	21.1	2956
8.5 - 9.4	-	0.6	5.9	6.3	4.8	1.8	0.4	0.1	*	-	-	-	-	-	-	19.7	2762
9.5 - 10.4	-	0.4	4.2	4.0	3.3	2.1	0.3	0.1	*	*	-	-	-	-	-	14.5	2032
10.5 - 11.4	-	*	2.1	2.2	1.8	1.3	0.5	0.3	0.1	*	*	-	-	-	-	8.3	1161
11.5 - 12.4	-	-	0.5	0.9	0.8	0.4	0.4	0.2	*	*	-	-	-	-	-	3.3	457
12.5 - 13.4	-	-	0.2	0.2	0.2	0.2	*	*	*	*	*	-	-	-	-	0.8	116
13.5 - 14.4	-	-	*	0.1	0.1	0.1	*	-	-	-	-	-	-	-	-	0.4	49
14.5 - 15.4	-	-	-	*	*	*	*	-	-	-	-	-	-	-	-	0.1	15
15.5 - 16.4	-	-	-	-	-	-	*	*	-	-	-	-	-	-	-	0.0	2
16.5 - 17.4	-	-	-	-	*	*	-	*	-	-	-	-	-	-	-	0.0	5
17.5 - 18.4	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	7.1	34.6	31.3	17.0	6.9	2.0	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	998	4849	4380	2386	972	279	90	22	11	3	0	0	0	0	13995	

(\* < 0.05%)

STATION: 46014

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

Month: FEB

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4		0.0	1
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	5
4.5 - 5.4	*	0.8	1.0	*	-	-	-	-	-	-	-	-	-	-	-	1.8	208
5.5 - 6.4	*	1.4	4.8	3.1	0.4	-	-	-	-	-	-	-	-	-	-	9.6	1083
6.5 - 7.4	-	1.7	6.1	7.6	3.3	0.4	-	-	-	-	-	-	-	-	-	19.1	2148
7.5 - 8.4	-	2.3	7.2	6.9	4.1	1.1	0.3	-	-	-	-	-	-	-	-	21.9	2469
8.5 - 9.4	-	1.1	6.3	6.9	4.8	1.7	0.3	0.1	-	-	-	-	-	-	-	21.3	2399
9.5 - 10.4	-	0.4	2.9	3.8	3.3	2.2	0.7	0.2	-	-	-	-	-	-	-	13.5	1522
10.5 - 11.4	-	0.1	1.9	2.2	1.7	1.2	0.9	0.1	*	-	-	-	-	-	-	8.2	922
11.5 - 12.4	-	0.1	0.7	1.1	0.6	0.3	0.5	0.2	0.1	*	-	-	-	-	-	3.5	389
12.5 - 13.4	-	-	0.1	0.3	0.2	0.1	0.1	0.1	*	*	-	-	-	-	-	1.0	108
13.5 - 14.4	-	-	-	*	*	-	-	*	*	-	-	-	-	-	-	0.1	6
TOTAL %	0.1	7.9	31.1	31.8	18.5	7.0	2.8	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	7	886	3504	3584	2079	789	317	73	15	6	0	0	0	0	0	11260	

(\* < 0.05%)

STATION: 46014

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

Month: MAR

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

< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
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	*	1.0	0.9	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.1	255
5.5 - 6.4	*	1.3	5.2	3.9	0.4	-	-	-	-	-	-	-	-	-	-	-	10.8	1346
6.5 - 7.4	-	1.9	8.5	9.9	4.1	0.2	-	-	-	-	-	-	-	-	-	-	24.7	3065
7.5 - 8.4	-	2.0	7.5	8.6	4.8	1.7	0.2	-	-	-	-	-	-	-	-	-	24.7	3070
8.5 - 9.4	-	1.0	5.2	6.9	3.9	1.8	0.2	-	-	-	-	-	-	-	-	-	19.1	2368
9.5 - 10.4	-	0.5	2.7	4.2	2.5	1.4	0.3	*	-	-	-	-	-	-	-	-	11.6	1436
10.5 - 11.4	-	0.2	0.9	1.3	1.4	0.7	0.2	0.1	-	-	-	-	-	-	-	-	4.8	596
11.5 - 12.4	-	*	0.2	0.3	0.5	0.3	0.2	0.1	*	-	-	-	-	-	-	-	1.6	197
12.5 - 13.4	-	-	*	0.1	0.1	0.1	*	0.1	*	-	-	-	-	-	-	-	0.4	47
13.5 - 14.4	-	-	-	-	*	0.1	-	-	-	-	-	-	-	-	-	-	0.1	16
14.5 - 15.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	5
15.5 - 16.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	5
16.5 - 17.4	-	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.1	8.0	31.1	35.3	17.8	6.3	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	9	989	3858	4391	2212	779	142	41	4	0	0	0	0	0	0	0		12425

(\* < 0.05%)

STATION: 46014

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

Month: APR

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	*	0.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.3	33
4.5 - 5.4	*	1.7	3.5	0.8	*	-	-	-	-	-	-	-	-	-	-	6.0	718
5.5 - 6.4	*	3.1	12.5	7.0	1.2	*	-	-	-	-	-	-	-	-	-	23.8	2828
6.5 - 7.4	-	3.8	11.2	7.6	3.0	0.5	-	-	-	-	-	-	-	-	-	26.2	3109
7.5 - 8.4	-	4.0	9.7	4.3	1.8	0.4	-	-	-	-	-	-	-	-	-	20.1	2390
8.5 - 9.4	-	1.9	5.0	4.3	1.6	0.4	*	-	-	-	-	-	-	-	-	13.2	1562
9.5 - 10.4	-	0.8	2.2	1.9	1.1	0.4	0.1	-	-	-	-	-	-	-	-	6.4	762
10.5 - 11.4	-	0.3	0.8	0.6	0.5	0.2	0.1	*	-	-	-	-	-	-	-	2.5	297
11.5 - 12.4	-	*	0.2	0.2	0.2	0.3	0.1	-	*	-	-	-	-	-	-	0.9	110
12.5 - 13.4	-	-	0.1	*	*	0.1	*	*	-	-	-	-	-	-	-	0.3	32
13.5 - 14.4	-	-	*	0.1	*	*	0.1	-	-	-	-	-	-	-	-	0.2	27
TOTAL %	0.0	15.8	45.2	26.8	9.4	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	1880	5366	3177	1116	277	42	5	0	0	0	0	0	0	0		11868

(\* < 0.05%)

STATION: 46014

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

Month: MAY

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0-	0.5-	1.5-	2.5-	3.5-	4.5-	5.5-	6.5-	7.5-	8.5-	9.5-	10.5-	11.5-	12.5-	>13.4		
< 0.5	0.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	>13.4	0.0	1
0.5 - 1.4	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	12
3.5 - 4.4	*	1.1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	1.6	189
4.5 - 5.4	-	3.7	8.3	1.2	*	-	-	-	-	-	-	-	-	-	-	13.2	1597
5.5 - 6.4	-	5.0	15.6	14.5	1.5	-	-	-	-	-	-	-	-	-	-	36.6	4416
6.5 - 7.4	-	5.7	9.2	5.9	4.3	0.3	-	-	-	-	-	-	-	-	-	25.5	3075
7.5 - 8.4	-	3.5	6.9	2.7	1.0	0.4	0.1	-	-	-	-	-	-	-	-	14.5	1749
8.5 - 9.4	-	1.1	2.7	1.4	0.4	0.1	*	-	-	-	-	-	-	-	-	5.7	693
9.5 - 10.4	-	0.5	1.0	0.4	0.2	-	-	-	-	-	-	-	-	-	-	2.1	256
10.5 - 11.4	-	*	0.3	0.1	*	-	-	-	-	-	-	-	-	-	-	0.5	64
11.5 - 12.4	-	-	0.1	*	-	*	-	-	-	-	-	-	-	-	-	0.1	18
12.5 - 13.4	-	-	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	20.6	44.7	26.4	7.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	2491	5399	3186	892	93	11	0	0	0	0	0	0	0	0		12074

(\* < 0.05%)

STATION: 46014

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

Month: JUN

WAVE HEIGHT



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	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	101
4.5 - 5.4	-	4.6	4.8	0.3	*	-	-	-	-	-	-	-	-	-	-	-	9.6	1368
5.5 - 6.4	*	7.5	14.8	5.2	0.2	-	-	-	-	-	-	-	-	-	-	-	27.8	3967
6.5 - 7.4	-	8.9	12.4	6.6	1.3	*	-	-	-	-	-	-	-	-	-	-	29.3	4181
7.5 - 8.4	-	6.9	7.1	3.9	0.7	0.1	-	-	-	-	-	-	-	-	-	-	18.8	2681
8.5 - 9.4	-	3.0	3.4	1.1	0.4	*	-	-	-	-	-	-	-	-	-	-	8.0	1134
9.5 - 10.4	-	0.8	1.4	0.7	0.2	0.1	*	-	-	-	-	-	-	-	-	-	3.2	453
10.5 - 11.4	-	0.1	0.6	0.3	0.1	0.1	*	-	-	-	-	-	-	-	-	-	1.1	163
11.5 - 12.4	-	*	0.2	0.4	*	*	-	-	-	-	-	-	-	-	-	-	0.7	98
12.5 - 13.4	-	-	0.1	0.2	0.2	-	*	-	-	-	-	-	-	-	-	-	0.5	68
13.5 - 14.4	-	-	*	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	0.2	27
14.5 - 15.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.1	12
15.5 - 16.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	32.5	44.9	18.9	3.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	5	4640	6400	2692	463	49	8	0	0	0	0	0	0	0	0	0		14257

(\* < 0.05%)

STATION: 46014

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	*	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	59
4.5 - 5.4	*	2.3	2.2	0.1	-	-	-	-	-	-	-	-	-	-	-	-	4.7	642
5.5 - 6.4	-	4.2	9.7	3.6	0.1	-	-	-	-	-	-	-	-	-	-	-	17.5	2404
6.5 - 7.4	-	4.9	11.4	7.0	1.6	0.1	-	-	-	-	-	-	-	-	-	-	25.0	3433
7.5 - 8.4	-	4.2	10.7	5.1	1.9	0.4	-	-	-	-	-	-	-	-	-	-	22.3	3064
8.5 - 9.4	-	2.1	7.2	4.1	1.8	0.3	*	-	-	-	-	-	-	-	-	-	15.6	2139
9.5 - 10.4	-	0.9	3.6	2.4	1.1	0.3	0.1	*	-	-	-	-	-	-	-	-	8.5	1171
10.5 - 11.4	-	0.2	1.7	1.2	0.6	0.3	0.2	*	-	-	-	-	-	-	-	-	4.2	579
11.5 - 12.4	-	-	0.5	0.4	0.2	0.1	0.1	0.1	*	-	-	-	-	-	-	-	1.3	185
12.5 - 13.4	-	-	0.1	0.1	*	-	*	*	*	-	-	-	-	-	-	-	0.3	43
13.5 - 14.4	-	-	*	*	*	-	-	-	*	*	-	-	-	-	-	-	0.1	11
14.5 - 15.4	-	-	-	*	-	-	-	-	*	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.0	19.0	47.1	24.2	7.4	1.5	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	4	2616	6475	3320	1022	206	63	15	10	3	0	0	0	0	0	0		13734

(\* < 0.05%)

STATION: 46014

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	2
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	25
4.5 - 5.4	*	0.7	2.0	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.8	368
5.5 - 6.4	*	1.9	6.4	3.6	0.3	-	-	-	-	-	-	-	-	-	-	-	12.3	1643
6.5 - 7.4	-	3.0	8.5	8.6	1.7	0.2	*	-	-	-	-	-	-	-	-	-	21.9	2929
7.5 - 8.4	-	2.2	8.7	7.5	3.4	0.6	0.1	-	-	-	-	-	-	-	-	-	22.5	3001
8.5 - 9.4	-	1.1	6.5	7.2	3.8	1.1	0.2	0.1	*	-	-	-	-	-	-	-	19.9	2658
9.5 - 10.4	-	0.5	2.7	4.1	2.8	1.4	0.3	0.1	*	*	-	-	-	-	-	-	12.0	1604
10.5 - 11.4	-	0.1	0.6	1.4	1.3	0.9	0.6	0.2	0.1	*	-	-	-	-	-	-	5.2	693
11.5 - 12.4	-	*	0.2	0.4	0.6	0.4	0.4	0.1	*	*	-	-	-	-	-	-	2.2	297
12.5 - 13.4	-	-	0.1	0.1	0.2	0.1	0.1	0.1	*	-	-	-	-	-	-	-	0.7	98
13.5 - 14.4	-	-	*	0.1	*	*	*	*	*	*	-	-	-	-	-	-	0.2	24
14.5 - 15.4	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	9
15.5 - 16.4	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.1	9.6	35.9	33.0	14.1	4.8	1.7	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	10	1281	4787	4412	1887	637	223	81	27	7	0	0	0	0	0	0		13352

(\* < 0.05%)

STATION: 46014

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	2
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.1	*	-	-	-	-	-	-	-	-	-	-	-	-	0.1	18
4.5 - 5.4	-	0.6	1.0	*	-	-	-	-	-	-	-	-	-	-	-	1.6	228
5.5 - 6.4	-	1.0	3.3	2.1	0.2	-	-	-	-	-	-	-	-	-	-	6.5	927
6.5 - 7.4	-	1.8	5.5	6.2	2.8	0.3	-	-	-	-	-	-	-	-	-	16.6	2354
7.5 - 8.4	-	1.8	6.7	7.4	4.8	1.4	0.2	*	-	-	-	-	-	-	-	22.2	3161
8.5 - 9.4	-	1.1	5.3	7.2	4.7	2.1	0.6	0.1	*	-	-	-	-	-	-	21.1	2995
9.5 - 10.4	-	0.7	2.9	5.1	4.3	2.2	0.6	0.3	0.1	-	-	-	-	-	-	16.2	2301
10.5 - 11.4	-	0.2	1.8	2.1	2.1	1.5	0.9	0.1	0.1	*	-	-	-	-	-	8.7	1231
11.5 - 12.4	-	*	0.7	1.3	1.0	0.8	0.4	0.2	0.1	*	*	-	-	-	-	4.5	646
12.5 - 13.4	-	-	0.2	0.4	0.5	0.3	0.1	0.1	0.1	*	*	-	-	-	-	1.7	246
13.5 - 14.4	-	-	0.1	0.1	0.2	0.1	-	*	*	*	*	-	-	-	-	0.6	79
14.5 - 15.4	-	-	*	*	*	*	-	-	-	-	-	-	-	-	-	0.1	14
15.5 - 16.4	-	-	*	*	*	-	-	-	-	-	-	-	-	-	-	0.1	8
TOTAL %	0.0	7.2	27.4	31.9	20.7	8.8	2.8	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	2	1026	3890	4531	2936	1248	404	115	43	10	5	0	0	0	0		14210

(\* < 0.05%)

STATION: 46014

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

All Months: Annual

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	9
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	14
3.5 - 4.4	*	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	0.7	1141
4.5 - 5.4	*	3.3	5.5	0.4	*	-	-	-	-	-	-	-	-	-	-	9.3	14819
5.5 - 6.4	*	4.3	11.8	6.9	0.5	*	-	-	-	-	-	-	-	-	-	23.5	37443
6.5 - 7.4	-	4.7	9.0	6.9	2.3	0.2	*	-	-	-	-	-	-	-	-	23.1	36880
7.5 - 8.4	-	3.3	6.9	4.8	2.2	0.6	0.1	*	-	-	-	-	-	-	-	17.9	28533
8.5 - 9.4	-	1.3	4.1	3.8	2.1	0.8	0.2	*	*	-	-	-	-	-	-	12.3	19689
9.5 - 10.4	-	0.5	2.0	2.2	1.5	0.8	0.2	0.1	*	*	-	-	-	-	-	7.4	11797
10.5 - 11.4	-	0.1	0.9	0.9	0.8	0.5	0.3	0.1	*	*	*	-	-	-	-	3.6	5816
11.5 - 12.4	-	*	0.3	0.4	0.3	0.2	0.2	0.1	*	*	*	-	-	-	-	1.5	2411
12.5 - 13.4	-	-	0.1	0.1	0.1	0.1	*	*	*	*	*	-	-	-	-	0.5	762
13.5 - 14.4	-	-	*	*	*	*	*	*	*	*	*	-	-	-	-	0.1	239
14.5 - 15.4	-	-	*	*	*	*	*	*	*	*	*	-	-	-	-	0.0	59
15.5 - 16.4	-	-	*	*	*	*	*	*	*	*	*	-	-	-	-	0.0	21
16.5 - 17.4	-	-	-	-	*	*	*	*	*	*	*	-	-	-	-	0.0	8
17.5 - 18.4	-	-	-	-	-	-	-	*	*	*	*	-	-	-	-	0.0	1
TOTAL %	0.1	18.2	40.7	26.5	10.0	3.2	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	112	29022	64997	42313	16038	5085	1489	420	121	37	8	0	0	0	0		159642

(\* < 0.05%)

STATION: 46014

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N
	0.0- 0.4	0.5- 1.4	1.5- 2.4	2.5- 3.4	3.5- 4.4	4.5- 5.4	5.5- 6.4	6.5- 7.4	7.5- 8.4	8.5- 9.4	9.5- 10.4	10.5- 11.4	11.5- 12.4	12.5- 13.4	>13.4		
< 0.5	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	3
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	0.2	*	-	-	-	-	-	-	-	-	-	-	-	-	0.2	64
4.5 - 5.4	*	0.9	1.0	0.1	-	-	-	-	-	-	-	-	-	-	-	2.0	784
5.5 - 6.4	*	1.5	4.7	2.6	0.3	-	-	-	-	-	-	-	-	-	-	9.1	3586
6.5 - 7.4	-	1.6	6.3	6.8	2.6	0.3	*	-	-	-	-	-	-	-	-	17.7	6976
7.5 - 8.4	-	1.7	7.0	7.4	4.3	1.1	0.2	*	-	-	-	-	-	-	-	21.8	8586
8.5 - 9.4	-	0.9	5.8	6.8	4.7	1.9	0.5	0.1	*	-	-	-	-	-	-	20.7	8156
9.5 - 10.4	-	0.5	3.4	4.3	3.7	2.2	0.6	0.2	*	*	-	-	-	-	-	14.8	5855
10.5 - 11.4	-	0.1	1.9	2.2	1.9	1.3	0.7	0.2	0.1	*	*	-	-	-	-	8.4	3314
11.5 - 12.4	-	*	0.6	1.1	0.8	0.5	0.4	0.2	0.1	*	*	-	-	-	-	3.8	1492
12.5 - 13.4	-	-	0.2	0.3	0.3	0.2	0.1	0.1	*	*	*	-	-	-	-	1.2	470
13.5 - 14.4	-	-	*	0.1	0.1	0.1	*	*	*	*	*	-	-	-	-	0.3	134
14.5 - 15.4	-	-	*	*	*	*	*	*	*	*	*	-	-	-	-	0.1	29
15.5 - 16.4	-	-	*	*	*	*	*	*	*	*	*	-	-	-	-	0.0	10
16.5 - 17.4	-	-	-	-	*	*	*	*	*	*	*	-	-	-	-	0.0	5

17.5 - 18.4	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
TOTAL %	0.0	7.4	31.0	31.7	18.8	7.6	2.5	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	14	2910	12243	12495	7401	3009	1000	278	80	27	8	0	0	0	0	0		39465

(\* < 0.05%)

STATION: 46014

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

Months: MAR, APR, MAY (Spring)

WAVE PERIOD	WAVE HEIGHT															TOT %	TOT N	
	0.0- 0.4	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	12
3.5 - 4.4	*	0.5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	236
4.5 - 5.4	*	2.1	4.2	0.7	*	-	-	-	-	-	-	-	-	-	-	-	7.1	2570
5.5 - 6.4	*	3.1	11.0	8.4	1.1	*	-	-	-	-	-	-	-	-	-	-	23.6	8590
6.5 - 7.4	-	3.8	9.6	7.8	3.8	0.4	-	-	-	-	-	-	-	-	-	-	25.4	9249
7.5 - 8.4	-	3.2	8.0	5.2	2.5	0.8	0.1	-	-	-	-	-	-	-	-	-	19.8	7209
8.5 - 9.4	-	1.3	4.3	4.2	2.0	0.7	0.1	-	-	-	-	-	-	-	-	-	12.7	4623
9.5 - 10.4	-	0.6	2.0	2.2	1.3	0.6	0.1	*	-	-	-	-	-	-	-	-	6.7	2454
10.5 - 11.4	-	0.2	0.7	0.7	0.6	0.3	0.1	0.1	-	-	-	-	-	-	-	-	2.6	957
11.5 - 12.4	-	*	0.2	0.2	0.3	0.2	0.1	*	*	-	-	-	-	-	-	-	0.9	325
12.5 - 13.4	-	-	*	*	0.1	0.1	*	*	*	-	-	-	-	-	-	-	0.2	83
13.5 - 14.4	-	-	*	*	*	*	*	-	-	-	-	-	-	-	-	-	0.1	43
14.5 - 15.4	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	5
15.5 - 16.4	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	-	0.0	5
16.5 - 17.4	-	-	-	-	-	-	*	*	-	-	-	-	-	-	-	-	0.0	3
TOTAL %	0.0	14.7	40.2	29.6	11.6	3.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	16	5360	14623	10754	4220	1149	195	46	4	0	0	0	0	0	0	0		36367

(\* < 0.05%)

STATION: 46014

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- 0.4	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	1
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	2
3.5 - 4.4	*	1.1	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	656
4.5 - 5.4	0.1	7.2	13.2	0.9	-	-	-	-	-	-	-	-	-	-	-	-	21.4	9087
5.5 - 6.4	0.1	7.7	20.3	12.1	0.5	-	-	-	-	-	-	-	-	-	-	-	40.6	17253
6.5 - 7.4	-	7.4	9.0	5.8	1.6	*	-	-	-	-	-	-	-	-	-	-	23.8	10112
7.5 - 8.4	-	3.9	4.0	1.2	0.3	*	-	-	-	-	-	-	-	-	-	-	9.4	3992
8.5 - 9.4	-	1.0	1.0	0.3	*	*	-	-	-	-	-	-	-	-	-	-	2.3	979
9.5 - 10.4	-	0.3	0.2	0.1	*	-	-	-	-	-	-	-	-	-	-	-	0.6	260
10.5 - 11.4	-	0.1	0.1	*	*	-	-	-	-	-	-	-	-	-	-	-	0.3	110
11.5 - 12.4	-	*	*	*	*	-	-	-	-	-	-	-	-	-	-	-	0.0	14
12.5 - 13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
13.5 - 14.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.1	28.8	48.2	20.3	2.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	63	12215	20469	8640	1045	35	0	0	0	0	0	0	0	0	0	0		42467

(\* < 0.05%)

STATION: 46014

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- 0.4	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	2
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	*	0.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	185
4.5 - 5.4	*	2.5	3.0	0.2	*	-	-	-	-	-	-	-	-	-	-	-	5.8	2378
5.5 - 6.4	*	4.6	10.4	4.2	0.2	-	-	-	-	-	-	-	-	-	-	-	19.4	8014
6.5 - 7.4	-	5.7	10.8	7.4	1.5	0.1	*	-	-	-	-	-	-	-	-	-	25.5	10543
7.5 - 8.4	-	4.5	8.8	5.5	2.0	0.4	*	-	-	-	-	-	-	-	-	-	21.2	8746
8.5 - 9.4	-	2.1	5.7	4.1	2.0	0.5	0.1	*	*	-	-	-	-	-	-	-	14.3	5931
9.5 - 10.4	-	0.7	2.6	2.4	1.4	0.6	0.1	*	*	*	-	-	-	-	-	-	7.8	3228
10.5 - 11.4	-	0.1	1.0	1.0	0.6	0.4	0.3	0.1	*	*	-	-	-	-	-	-	3.5	1435

11.5 - 12.4	-	*	0.3	0.4	0.3	0.2	0.2	0.1	*	*	-	-	-	-	-	1.4	580
12.5 - 13.4	-	-	0.1	0.2	0.1	*	*	*	*	*	-	-	-	-	-	0.5	209
13.5 - 14.4	-	-	*	0.1	*	*	*	*	*	*	-	-	-	-	-	0.1	62
14.5 - 15.4	-	-	*	*	*	-	-	-	*	*	-	-	-	-	-	0.1	25
15.5 - 16.4	-	-	-	*	*	-	-	-	-	-	-	-	-	-	-	0.0	5
TOTAL %	0.0	20.6	42.7	25.2	8.2	2.2	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
TOTAL N	19	8537	17662	10424	3372	892	294	96	37	10	0	0	0	0	0	41343	

(\* < 0.05%)

STATION: 46014

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

Month: JAN

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N	
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	0.1	-	-	-	-	-	-	-	0.1	1
3.5 - 4.4	-	-	-	-	-	0.1	-	-	-	-	-	-	-	0.1	1
4.5 - 5.4	-	-	-	-	-	0.3	0.1	-	-	-	0.1	0.1	-	0.7	5
5.5 - 6.4	-	-	-	-	-	-	0.4	-	-	-	0.1	-	-	0.6	4
6.5 - 7.4	-	-	-	-	-	0.1	0.3	0.4	-	-	0.1	0.1	-	1.2	8
7.5 - 8.4	-	-	-	-	-	0.1	0.6	0.1	0.1	1.0	2.1	-	-	4.1	28
8.5 - 9.4	-	-	-	-	-	0.3	1.0	1.0	1.2	2.4	1.9	-	-	7.8	53
9.5 - 10.4	-	-	-	-	-	-	0.3	0.7	0.9	5.3	5.3	1.3	-	13.9	94
10.5 - 11.4	-	-	-	-	-	-	0.7	0.1	1.0	6.2	5.2	0.9	-	14.2	96
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	0.3	12.4	10.9	2.1	-	25.7	174
13.5 - 14.4	-	-	-	-	-	-	-	-	0.1	15.0	11.1	0.6	-	26.8	182
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	-	3.4	0.9	-	-	4.3	29
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	-	0.4	-	-	0.4	3
TOTAL %	0.0	0.0	0.0	0.0	0.0	1.2	3.5	2.5	3.7	45.7	38.2	5.2	-	100.0	
TOTAL N	0	0	0	0	0	8	24	17	25	310	259	35	-	678	

(\* < 0.05%)

STATION: 46014

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	-	-	-	-	-	-	1.7	-	-	-	-	-	-	1.7	1
5.5 - 6.4	-	-	-	-	-	-	1.7	-	-	-	-	-	-	1.7	1
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
7.5 - 8.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
8.5 - 9.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
9.5 - 10.4	-	-	-	-	-	-	-	1.7	8.5	-	-	-	-	10.2	6
10.5 - 11.4	-	-	-	-	-	-	-	-	18.6	5.1	-	-	-	23.7	14
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	3.4	39.0	-	-	-	42.4	25
13.5 - 14.4	-	-	-	-	-	-	-	-	-	20.3	-	-	-	20.3	12
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	3.4	1.7	30.5	64.4	0.0	0.0	-	100.0	
TOTAL N	0	0	0	0	0	0	2	1	18	38	0	0	-	59	

(\* < 0.05%)

STATION: 46014

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	-	-	-	-	-	1.1	-	-	-	-	-	-	-	1.1	2
4.5 - 5.4	-	-	-	-	-	1.7	1.7	0.6	1.1	-	-	-	-	5.2	9
5.5 - 6.4	-	-	-	-	-	-	0.6	1.7	4.0	-	-	-	-	6.3	11

6.5 - 7.4	-	-	-	-	-	-	-	-	2.3	-	-	-	2.3	4
7.5 - 8.4	-	-	-	-	-	-	-	-	3.4	3.4	1.7	0.6	9.2	16
8.5 - 9.4	-	-	-	-	-	-	-	-	4.6	5.7	1.1	-	11.5	20
9.5 - 10.4	-	-	-	-	-	-	-	-	-	-	1.1	-	1.1	2
10.5 - 11.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	7.5	2.9	-	-	-	-	10.3	18
13.5 - 14.4	-	-	-	-	-	0.6	42.5	1.7	-	-	-	-	44.8	78
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	8.0	-	-	-	-	-	8.0	14
TOTAL %	0.0	0.0	0.0	0.0	0.0	3.4	60.3	6.9	15.5	9.2	4.0	0.6	100.0	
TOTAL N	0	0	0	0	0	6	105	12	27	16	7	1		174

(\* < 0.05%)

STATION: 46014

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	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	0.3	1.4	1.6	12
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	3.1	4.9	8.0	59
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	4.1	6.5	10.6	78
7.5 - 8.4	-	-	-	-	-	-	-	-	-	0.5	8.9	23.1	32.6	241
8.5 - 9.4	-	-	-	-	-	-	-	-	0.1	2.6	6.4	14.9	24.0	177
9.5 - 10.4	-	-	-	-	-	-	0.3	-	0.3	2.2	5.0	3.2	11.0	81
10.5 - 11.4	-	-	-	-	-	-	0.8	-	-	1.2	3.7	-	5.7	42
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.8	0.1	-	0.4	0.3	-	1.6	12
13.5 - 14.4	-	-	-	-	-	-	2.8	1.4	0.4	0.3	-	-	4.9	36
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	0.1	-	-	-	0.1	1
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	4.7	1.5	0.9	7.2	31.7	54.0	100.0	
TOTAL N	0	0	0	0	0	0	35	11	7	53	234	399		739

(\* < 0.05%)

STATION: 46014

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	-	-	-	-	-	-	-	-	-	-	0.3	0.3	0.5	4
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.3	2.2	1.1	3.5	26
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	3.1	8.4	11.5	85
6.5 - 7.4	-	-	-	-	-	-	-	-	-	-	5.1	11.1	16.3	120
7.5 - 8.4	-	-	-	-	-	-	-	-	-	-	18.0	12.7	30.8	227
8.5 - 9.4	-	-	-	-	-	-	-	-	-	-	8.3	8.4	16.7	123
9.5 - 10.4	-	-	-	-	-	-	-	-	-	0.5	6.1	1.4	8.0	59
10.5 - 11.4	-	-	-	-	-	-	-	-	0.1	0.3	6.1	1.1	7.6	56
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	0.1	0.9	0.7	-	1.8	13
13.5 - 14.4	-	-	-	-	-	-	0.1	0.7	0.5	-	-	-	1.4	10
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	0.4	1.5	-	0.1	-	-	2.0	15
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.2	0.8	2.2	49.9	44.4	100.0	
TOTAL N	0	0	0	0	0	0	4	16	6	16	368	328		738

(\* < 0.05%)

STATION: 46014

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.5	0.5	-	0.9	6
5.5 - 6.4	-	-	-	-	-	-	-	-	0.2	0.9	3.8	-	4.9	32
6.5 - 7.4	0.2	-	-	-	-	-	-	-	0.2	1.8	9.0	-	11.1	73
7.5 - 8.4	-	-	-	-	-	-	-	-	1.2	10.0	12.9	-	24.2	159
8.5 - 9.4	-	-	-	-	-	-	-	-	1.1	7.9	5.0	-	14.0	92
9.5 - 10.4	-	-	-	-	-	-	-	0.2	2.7	11.9	3.0	-	17.8	117
10.5 - 11.4	-	-	-	-	-	-	-	-	0.3	4.7	0.9	-	5.9	39
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	0.3	0.2	2.4	3.0	0.2	6.1	40
13.5 - 14.4	-	-	-	-	-	-	0.6	0.6	1.1	6.4	2.6	-	11.2	74
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	0.2	0.6	0.6	1.8	0.3	-	3.5	23
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.2	-	-	-	-	0.3	-	-	-	-	0.5	3
TOTAL %	0.2	0.0	0.2	0.0	0.0	0.0	0.8	1.8	2.0	16.3	43.6	35.3	100.0	
TOTAL N	1	0	1	0	0	0	5	12	13	107	287	232		658

(\* < 0.05%)

STATION: 46014

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.2	-	-	0.2	1
5.5 - 6.4	-	-	-	-	-	-	-	0.2	-	-	0.2	0.5	0.8	5
6.5 - 7.4	-	-	-	-	-	-	-	0.3	-	-	0.3	1.9	2.6	16
7.5 - 8.4	-	-	-	-	-	-	-	-	0.2	0.3	2.6	7.9	11.0	68
8.5 - 9.4	-	-	-	-	-	-	-	-	-	0.8	0.3	2.4	3.6	22
9.5 - 10.4	-	-	-	-	-	-	-	0.3	0.3	1.8	3.9	2.9	9.2	57
10.5 - 11.4	-	-	-	-	-	-	-	-	0.2	6.0	7.1	2.1	15.4	95
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	1.1	0.6	0.8	9.2	10.4	0.2	22.4	138
13.5 - 14.4	-	-	-	-	-	-	0.3	1.3	0.2	5.3	18.3	-	25.4	157
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	0.2	-	-	-	-	-	1.6	5.5	-	7.3	45
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	-	1.9	-	1.9	12
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	1
TOTAL %	0.0	0.0	0.0	0.2	0.0	0.0	1.5	2.8	1.6	25.1	50.9	18.0	100.0	
TOTAL N	0	0	0	1	0	0	9	17	10	155	314	111		617

(\* < 0.05%)

STATION: 46014

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

Month: NOV

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
3.5 - 4.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	-	0.2	-	-	-	0.2	-	0.3	2
5.5 - 6.4	-	-	-	-	-	-	0.5	-	-	-	0.2	0.3	1.0	6
6.5 - 7.4	-	-	-	-	-	-	-	0.2	0.2	0.2	0.2	-	0.7	4
7.5 - 8.4	-	-	-	-	-	-	-	-	-	0.5	-	0.3	0.9	5
8.5 - 9.4	-	-	-	-	-	-	-	-	-	1.7	4.0	0.5	6.3	36
9.5 - 10.4	-	-	-	-	-	-	-	-	0.5	1.0	5.1	0.5	7.1	41

10.5 - 11.4	-	-	-	-	-	-	-	-	0.5	2.8	12.2	1.2	16.7	96
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	8.0	22.0	2.6	32.6	187
13.5 - 14.4	-	-	-	-	-	-	-	-	-	6.4	16.0	0.5	23.0	132
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	-	-	-	3.7	5.1	0.2	8.9	51
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	-	0.5	1.9	-	2.4	14
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	1.2	24.9	66.7	6.3	100.0	
TOTAL N	0	0	0	0	0	0	4	1	7	143	383	36		574

(\* < 0.05%)

STATION: 46014

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	0
4.5 - 5.4	-	-	-	-	-	0.6	-	-	-	-	-	-	0.6	4
5.5 - 6.4	-	-	-	-	0.1	0.7	0.3	0.4	-	-	-	-	1.5	11
6.5 - 7.4	-	-	-	-	-	-	0.8	0.8	-	-	0.3	-	1.9	14
7.5 - 8.4	-	-	-	-	-	0.1	0.4	0.1	0.6	0.1	3.2	0.6	5.1	37
8.5 - 9.4	-	-	-	-	-	-	-	-	-	0.6	3.5	1.4	5.4	39
9.5 - 10.4	-	-	-	-	-	-	-	-	0.1	0.6	5.8	0.7	7.2	52
10.5 - 11.4	-	-	-	-	-	-	-	-	-	0.3	7.5	1.4	9.2	66
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	-	4.9	14.6	1.8	21.3	153
13.5 - 14.4	-	-	-	0.3	0.1	-	-	-	-	8.6	23.8	4.0	36.9	265
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	1.1	-	-	-	-	1.1	7.2	0.4	9.9	71
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	0.1	-	-	-	-	-	0.8	-	1.0	7
TOTAL %	0.0	0.0	0.0	0.3	1.5	1.4	1.5	1.4	0.7	16.1	66.8	10.3	100.0	
TOTAL N	0	0	0	2	11	10	11	10	5	116	480	74		719

(\* < 0.05%)

STATION: 46014

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	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	-	*	-	-	-	-	-	0.0	1
3.5 - 4.4	-	-	-	-	-	0.1	-	-	-	-	*	*	0.1	7
4.5 - 5.4	-	-	-	-	-	0.2	0.1	*	*	*	0.5	0.4	1.3	66
5.5 - 6.4	-	-	-	-	*	0.1	0.2	0.1	0.1	*	1.1	2.6	4.3	214
6.5 - 7.4	*	-	-	-	-	*	0.2	0.2	0.1	*	1.7	4.1	6.4	317
7.5 - 8.4	-	-	-	-	-	*	0.1	*	0.2	0.6	6.5	8.2	15.8	781
8.5 - 9.4	-	-	-	-	-	*	0.1	0.1	0.3	1.4	4.5	4.7	11.3	562
9.5 - 10.4	-	-	-	-	-	-	0.1	0.2	0.4	1.9	5.9	1.8	10.3	509
10.5 - 11.4	-	-	-	-	-	-	0.2	*	0.5	2.3	6.2	1.0	10.2	504
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.5	0.2	0.2	5.5	8.0	0.9	15.3	760
13.5 - 14.4	-	-	-	*	*	*	2.1	0.6	0.3	5.9	9.4	0.7	19.1	946
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	*	0.2	-	0.4	0.3	0.1	1.5	2.5	0.1	5.0	248
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	*	-	*	-	-	*	*	0.1	0.6	-	0.8	40
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	0.1	0.2	0.5	4.0	2.0	2.4	19.2	47.1	24.5	100.0	
TOTAL N	1	0	1	3	11	24	199	97	118	954	2332	1216		4956

(\* < 0.05%)

STATION: 46014

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

Months: DEC, JAN, FEB (Winter)

WAVE PERIOD	MEAN WAVE DIRECTION												TOT %	TOT N
	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
< 0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
0.5 - 1.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
2.5 - 3.4	-	-	-	-	-	0.1	-	-	-	-	-	-	0.1	1
3.5 - 4.4	-	-	-	-	-	0.1	-	-	-	-	-	-	0.1	1
4.5 - 5.4	-	-	-	-	-	0.4	0.1	-	-	-	0.1	0.1	0.7	10
5.5 - 6.4	-	-	-	-	0.1	0.3	0.4	0.2	-	-	0.1	-	1.1	16
6.5 - 7.4	-	-	-	-	-	0.1	0.5	0.6	-	-	0.2	0.1	1.5	22
7.5 - 8.4	-	-	-	-	-	0.1	0.5	0.1	0.3	0.5	2.5	0.3	4.5	65
8.5 - 9.4	-	-	-	-	-	0.1	0.5	0.5	0.5	1.4	2.6	0.7	6.3	92
9.5 - 10.4	-	-	-	-	-	-	0.1	0.4	0.8	2.7	5.4	1.0	10.4	152
10.5 - 11.4	-	-	-	-	-	-	0.3	0.1	1.2	3.2	6.1	1.1	12.1	176
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	-	-	0.3	9.8	12.3	1.9	24.2	352
13.5 - 14.4	-	-	-	0.1	0.1	-	-	-	0.1	12.1	16.9	2.3	31.5	459
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	0.5	-	-	-	-	2.1	4.0	0.2	6.9	100
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	0.1	-	-	-	-	-	0.6	-	0.7	10
TOTAL %	0.0	0.0	0.0	0.1	0.8	1.2	2.5	1.9	3.3	31.9	50.8	7.5	100.0	
TOTAL N	0	0	0	2	11	18	37	28	48	464	739	109		1456

(\* < 0.05%)

STATION: 46014

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	0
3.5 - 4.4	-	-	-	-	-	0.1	-	-	-	-	0.1	0.1	0.4	6
4.5 - 5.4	-	-	-	-	-	0.2	0.2	0.1	0.1	0.1	1.1	1.1	2.8	47
5.5 - 6.4	-	-	-	-	-	-	0.1	0.2	0.4	-	2.8	5.9	9.4	155
6.5 - 7.4	-	-	-	-	-	-	-	-	0.2	-	4.1	7.9	12.2	202
7.5 - 8.4	-	-	-	-	-	-	-	-	0.4	0.6	12.2	16.1	29.3	484
8.5 - 9.4	-	-	-	-	-	-	-	-	0.5	1.8	6.7	10.4	19.4	320
9.5 - 10.4	-	-	-	-	-	-	0.1	-	0.1	1.2	5.1	2.1	8.6	142
10.5 - 11.4	-	-	-	-	-	-	0.4	-	0.1	0.7	4.4	0.5	5.9	98
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	1.2	0.4	0.1	0.6	0.4	-	2.6	43
13.5 - 14.4	-	-	-	-	-	0.1	5.8	1.1	0.4	0.1	-	-	7.5	124
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	-	-	-	1.0	0.7	-	0.1	-	-	1.8	29
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	-	-	-	-	-	-	0.1	-	-	-	0.1	1
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.4	8.7	2.4	2.4	5.1	36.9	44.1	100.0	
TOTAL N	0	0	0	0	0	6	144	39	40	85	609	728		1651

(\* < 0.05%)

STATION: 46014

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
4.5 - 5.4	-	-	-	-	-	-	0.1	-	-	-	0.3	0.2	0.5	9
5.5 - 6.4	-	-	-	-	-	-	0.2	0.1	-	0.1	0.4	1.6	2.3	43
6.5 - 7.4	0.1	-	-	-	-	-	-	0.2	0.1	0.1	0.8	3.8	5.0	93
7.5 - 8.4	-	-	-	-	-	-	-	-	0.1	0.7	4.4	7.4	12.5	232
8.5 - 9.4	-	-	-	-	-	-	-	-	-	1.2	4.2	2.8	8.1	150
9.5 - 10.4	-	-	-	-	-	-	-	0.1	0.3	1.9	7.1	2.2	11.6	215

10.5 - 11.4	-	-	-	-	-	-	-	-	0.2	3.0	7.8	1.4	12.4	230
11.5 - 12.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
12.5 - 13.4	-	-	-	-	-	-	0.4	0.3	0.3	6.4	11.4	0.9	19.7	365
13.5 - 14.4	-	-	-	-	-	-	0.3	0.6	0.4	6.1	12.0	0.2	19.6	363
14.5 - 15.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
15.5 - 16.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
16.5 - 17.4	-	-	-	0.1	-	-	0.1	0.2	0.2	2.3	3.5	0.1	6.4	119
17.5 - 18.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
18.5 - 19.4	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
19.5 - 20.4	-	-	0.1	-	-	-	-	0.1	-	0.2	1.2	-	1.6	29
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	1
TOTAL %	0.1	0.0	0.1	0.1	0.0	0.0	1.0	1.6	1.6	21.9	53.2	20.5	100.0	
TOTAL N	1	0	1	1	0	0	18	30	30	405	984	379		1849

(\* < 0.05%)

STATION: 46014

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	-	-	-	-	-	0.3	-	0.1	-	2.9	5.5	0.6	9.4	64
1.5 - 2.4	-	-	-	-	-	0.6	1.2	0.6	2.2	26.5	18.9	2.7	52.7	357
2.5 - 3.4	-	-	-	-	-	0.3	2.1	1.6	1.5	12.5	10.9	1.6	30.5	207
3.5 - 4.4	-	-	-	-	-	-	0.3	0.1	-	2.9	0.6	0.3	4.3	29
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.7	1.6	-	2.4	16
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	0.7	-	0.7	5
TOTAL %	0.0	0.0	0.0	0.0	0.0	1.2	3.5	2.5	3.7	45.7	38.2	5.2	100.0	
TOTAL N	0	0	0	0	0	8	24	17	25	310	259	35		678

(\* < 0.05%)

STATION: 46014

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	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
1.5 - 2.4	-	-	-	-	-	-	3.4	-	23.7	64.4	-	-	91.5	54
2.5 - 3.4	-	-	-	-	-	-	-	1.7	6.8	-	-	-	8.5	5
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	3.4	1.7	30.5	64.4	0.0	0.0	100.0	
TOTAL N	0	0	0	0	0	0	2	1	18	38	0	0		59

(\* < 0.05%)

STATION: 46014

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	-	-	-	-	-	2.9	59.2	6.3	4.6	6.3	4.0	0.6	83.9	146
1.5 - 2.4	-	-	-	-	-	0.6	1.1	0.6	9.8	0.6	-	-	12.6	22
2.5 - 3.4	-	-	-	-	-	-	-	-	1.1	2.3	-	-	3.4	6
TOTAL %	0.0	0.0	0.0	0.0	0.0	3.4	60.3	6.9	15.5	9.2	4.0	0.6	100.0	
TOTAL N	0	0	0	0	0	6	105	12	27	16	7	1		174

(\* < 0.05%)

STATION: 46014

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	0
0.5 - 1.4	-	-	-	-	-	-	4.1	1.4	0.8	3.8	12.2	17.3	39.5	292
1.5 - 2.4	-	-	-	-	-	-	0.7	0.1	0.1	3.2	17.3	29.8	51.3	379
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.1	2.2	6.9	9.2	68
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	4.7	1.5	0.9	7.2	31.7	54.0	100.0	



TOTAL N 0 0 0 0 0 0 35 11 7 53 234 399 739  
 (\* < 0.05%)

STATION: 46014

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	-	-	-	-	-	-	0.1	2.2	0.7	1.9	24.9	11.0	40.8	301
1.5 - 2.4	-	-	-	-	-	-	0.4	-	0.1	0.3	23.2	26.3	50.3	371
2.5 - 3.4	-	-	-	-	-	-	-	-	-	-	1.8	7.2	8.9	66
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.2	0.8	2.2	49.9	44.4	100.0	
TOTAL N	0	0	0	0	0	0	4	16	6	16	368	328		738

(\* < 0.05%)

STATION: 46014

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	0.2	-	0.2	-	-	-	0.8	1.8	2.0	9.3	16.3	6.5	36.9	243
1.5 - 2.4	-	-	-	-	-	-	-	-	-	6.1	17.9	18.5	42.6	280
2.5 - 3.4	-	-	-	-	-	-	-	-	-	0.8	7.1	9.0	16.9	111
3.5 - 4.4	-	-	-	-	-	-	-	-	-	0.2	2.3	1.2	3.6	24
TOTAL %	0.2	0.0	0.2	0.0	0.0	0.0	0.8	1.8	2.0	16.3	43.6	35.3	100.0	
TOTAL N	1	0	1	0	0	0	5	12	13	107	287	232		658

(\* < 0.05%)

STATION: 46014

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	-	-	-	-	-	-	1.5	2.1	1.3	4.1	3.1	3.4	15.4	95
1.5 - 2.4	-	-	-	0.2	-	-	-	0.2	0.2	10.5	19.9	10.7	41.7	257
2.5 - 3.4	-	-	-	-	-	-	-	0.5	0.2	7.5	20.3	3.4	31.8	196
3.5 - 4.4	-	-	-	-	-	-	-	-	-	2.6	6.2	0.5	9.2	57
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.5	1.1	-	1.6	10
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	0.3	-	0.3	2
TOTAL %	0.0	0.0	0.0	0.2	0.0	0.0	1.5	2.8	1.6	25.1	50.9	18.0	100.0	
TOTAL N	0	0	0	1	0	0	9	17	10	155	314	111		617

(\* < 0.05%)

STATION: 46014

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	-	-	-	-	-	-	-	-	0.5	7.0	8.4	1.2	17.1	98
1.5 - 2.4	-	-	-	-	-	-	0.5	0.2	0.5	11.8	25.4	2.8	41.3	237
2.5 - 3.4	-	-	-	-	-	-	0.2	-	0.2	2.4	18.6	1.4	22.8	131
3.5 - 4.4	-	-	-	-	-	-	-	-	-	3.7	13.1	0.5	17.2	99
4.5 - 5.4	-	-	-	-	-	-	-	-	-	-	1.2	0.3	1.6	9
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	1.2	24.9	66.7	6.3	100.0	
TOTAL N	0	0	0	0	0	0	4	1	7	143	383	36		574

(\* < 0.05%)

STATION: 46014

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	-	-	-	-	-	-	-	-	-	0.4	0.3	-	0.7	5
1.5 - 2.4	-	-	-	0.3	0.1	0.8	-	0.3	-	5.8	17.8	3.6	28.8	207
2.5 - 3.4	-	-	-	-	0.1	0.6	1.4	1.0	0.4	4.7	20.9	2.9	32.0	230

3.5 - 4.4	-	-	-	-	0.6	-	0.1	0.1	0.3	2.2	13.6	1.7	18.6	134
4.5 - 5.4	-	-	-	-	0.3	-	-	-	-	2.4	11.8	2.1	16.6	119
5.5 - 6.4	-	-	-	-	0.3	-	-	-	-	0.6	2.4	-	3.2	23
6.5 - 7.4	-	-	-	-	0.1	-	-	-	-	-	-	-	0.1	1
TOTAL %	0.0	0.0	0.0	0.3	1.5	1.4	1.5	1.4	0.7	16.1	66.8	10.3	100.0	
TOTAL N	0	0	0	2	11	10	11	10	5	116	480	74		719

(\* < 0.05%)

STATION: 46014

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	0
0.5 - 1.4	*	-	*	-	-	0.1	3.0	1.3	0.9	4.1	10.0	5.8	25.1	1244	
1.5 - 2.4	-	-	-	0.1	*	0.2	0.5	0.2	1.0	9.3	19.0	13.4	43.7	2164	
2.5 - 3.4	-	-	-	-	*	0.1	0.5	0.4	0.4	3.8	10.7	4.5	20.6	1020	
3.5 - 4.4	-	-	-	-	0.1	-	0.1	*	*	1.5	4.6	0.6	6.9	343	
4.5 - 5.4	-	-	-	-	*	-	-	-	-	0.5	2.2	0.3	3.1	154	
5.5 - 6.4	-	-	-	-	*	-	-	-	-	0.1	0.5	-	0.6	30	
6.5 - 7.4	-	-	-	-	*	-	-	-	-	-	-	-	0.0	1	
TOTAL %	0.0	0.0	0.0	0.1	0.2	0.5	4.0	2.0	2.4	19.2	47.1	24.5	100.0		
TOTAL N	1	0	1	3	11	24	199	97	118	954	2332	1216		4956	

(\* < 0.05%)

STATION: 46014

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	-	-	-	-	-	0.1	-	0.1	-	1.6	2.7	0.3	4.7	69	
1.5 - 2.4	-	-	-	0.1	0.1	0.7	0.7	0.4	2.0	17.9	17.6	3.0	42.4	618	
2.5 - 3.4	-	-	-	-	0.1	0.4	1.6	1.3	1.2	8.2	15.4	2.2	30.4	442	
3.5 - 4.4	-	-	-	-	0.3	-	0.2	0.1	0.1	2.5	7.0	1.0	11.2	163	
4.5 - 5.4	-	-	-	-	0.1	-	-	-	-	1.5	6.6	1.0	9.3	135	
5.5 - 6.4	-	-	-	-	0.1	-	-	-	-	0.3	1.5	-	1.9	28	
6.5 - 7.4	-	-	-	-	0.1	-	-	-	-	-	-	-	0.1	1	
TOTAL %	0.0	0.0	0.0	0.1	0.8	1.2	2.5	1.9	3.3	31.9	50.8	7.5	100.0		
TOTAL N	0	0	0	2	11	18	37	28	48	464	739	109		1456	

(\* < 0.05%)

STATION: 46014

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	0
0.5 - 1.4	-	-	-	-	-	0.3	8.1	2.2	1.2	3.2	17.0	12.7	44.8	739	
1.5 - 2.4	-	-	-	-	-	0.1	0.6	0.1	1.2	1.6	18.1	25.1	46.8	772	
2.5 - 3.4	-	-	-	-	-	-	-	-	0.1	0.3	1.8	6.3	8.5	140	
TOTAL %	0.0	0.0	0.0	0.0	0.0	0.4	8.7	2.4	2.4	5.1	36.9	44.1	100.0		
TOTAL N	0	0	0	0	0	6	144	39	40	85	609	728		1651	

(\* < 0.05%)

STATION: 46014

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	0.1	-	0.1	-	-	-	0.8	1.4	1.3	6.8	9.4	3.8	23.6	436	
1.5 - 2.4	-	-	-	0.1	-	-	0.2	0.1	0.2	9.4	20.9	11.0	41.9	774	
2.5 - 3.4	-	-	-	-	-	-	0.1	0.2	0.1	3.5	15.1	4.8	23.7	438	
3.5 - 4.4	-	-	-	-	-	-	-	-	-	2.1	6.9	0.8	9.7	180	
4.5 - 5.4	-	-	-	-	-	-	-	-	-	0.2	0.8	0.1	1.0	19	
5.5 - 6.4	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	2	
TOTAL %	0.1	0.0	0.1	0.1	0.0	0.0	1.0	1.6	1.6	21.9	53.2	20.5	100.0		
TOTAL N	1	0	1	1	0	0	18	30	30	405	984	379		1849	

(\* < 0.05%)

