

STATION: 91343

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (7/1991 - 7/1998) (58706 RECORDS, 99.2% 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
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#
32	-	-	-	-	-	-	-	-	-	-	-	8	#	5	#	35	#	7	999	1	#	-	-	56	999	
31	1	#	-	-	-	-	3	#	4	#	-	58	999	69	999	114	992	81	998	31	999	1	#	362	999	
30	15	999	1	#	11	#	42	999	64	999	78	#	263	988	319	984	356	966	462	983	199	994	41	999	1851	993
29	507	996	260	999	413	998	759	991	1680	987	1565	984	1601	940	1059	914	1023	885	1167	893	1416	953	1128	992	12578	961
28	1699	880	1712	942	2344	916	2577	837	2136	660	1988	670	1825	649	1402	682	1311	652	1739	667	1922	667	2345	774	23000	747
27	1595	491	1844	562	1708	448	1104	316	819	244	821	271	1076	318	967	376	840	354	1056	330	952	279	1243	320	14025	355
26	390	126	543	152	365	108	315	93	310	84	348	106	471	122	435	164	466	163	424	126	315	87	317	80	4699	116
25	129	37	107	31	134	35	116	29	103	24	134	36	171	37	242	69	203	57	174	44	96	24	81	19	1690	36
24	27	8	15	7	30	9	18	6	16	4	46	9	29	6	70	16	47	11	46	10	21	4	15	3	380	8
23	6	1	16	4	12	3	10	2	4	1	-	-	3	1	4	1	1	*	4	1	-	-	-	-	60	1
22	-	-	2	*	1	*	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	4	*
MEAN	27.4		27.3		27.4		27.7		27.9		27.9		27.9		27.8		27.9		27.9		27.9		27.8		27.7	
S.D.	0.9		0.9		0.9		0.9		1.0		1.1		1.2		1.4		1.4		1.3		1.1		0.9		1.1	
TOTAL	4369		4500		5018		4944		5136		4980		5505		4572		4396		5162		4953		5171		58706	
MAX	30.6		29.5		29.8		30.7		30.9		30.4		31.8		32.1		32.4		32.5		31.5		30.5		32.5	
DATE	1997012721		1997020201		1997032205		1997042300		1992052504		1997060300		1992072805		1991080301		1992090801		1992100801		1991110401		1996122905		1992100801	
MIN	22.9		22.3		22.3		22.5		23.0		23.5		23.2		23.2		23.0		22.4		23.6		23.5		22.3	
DATE	1992010918		1993022706		1993030219		1993041717		1993051517		1997060920		1994072307		1993081803		1994091008		1994103101		1994111122		1993121017		1993030219	

STATION: 91343

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (7/1991 - 7/1998) (55532 RECORDS, 93.8% 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
1017	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#
1016	14	999	11	#	9	#	-	-	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	36	999
1015	72	996	43	997	41	998	6	#	-	-	5	#	1	#	6	999	1	#	-	-	6	#	-	-	181	999
1014	158	978	148	986	167	990	42	999	5	#	40	999	10	999	15	998	20	999	3	#	43	999	-	-	651	996
1013	169	938	260	948	341	955	161	990	79	999	98	990	52	998	73	995	93	995	51	999	109	990	7	#	1493	984
1012	292	895	389	881	557	885	398	958	345	984	246	970	166	988	305	979	308	972	222	988	237	968	92	999	3557	957
1011	408	822	445	780	729	770	734	877	826	916	556	917	472	956	732	912	567	895	465	938	413	920	428	980	6775	893
1010	562	719	474	665	682	619	998	728	1132	755	1057	799	1003	865	1074	752	799	755	690	834	637	837	739	892	9847	771
1009	687	577	548	543	685	478	966	526	1187	535	1145	574	1306	672	1014	517	817	556	830	680	893	708	944	740	11022	594
1008	610	404	529	401	548	336	799	331	815	303	920	331	1151	420	715	295	623	354	762	495	955	528	904	546	9331	396
1007	530	250	482	264	475	223	457	169	498	144	472	135	717	198	422	138	412	199	644	325	774	335	686	361	6569	228
1006	278	116	319	140	318	125	254	76	175	47	150	34	247	60	159	46	208	97	442	181	427	179	499	220	3476	109
1005	118	46	172	57	181	59	80	25	65	13	11	3	58	12	44	11	113	45	215	82	204	93	291	118	1552	47
1004	41	17	44	13	63	22	28	9	3	1	1	*	6	1	5	1	42	17	81	34	104	52	175	58	593	19
1003	12	6	5	1	28	9	13	3	-	-	-	-	-	-	1	*	21	7	29	16	79	31	93	22	281	8
1002	3	3	-	-	7	3	1	*	-	-	-	-	-	-	-	-	7	2	21	10	40	15	10	3	89	3
1001	3	3	-	-	7	1	-	-	-	-	-	-	-	-	-	-	-	-	18	5	19	7	4	1	51	1
1000	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	6	3	-	-	13	*
999	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	5	*
998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	1	*
997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	*
996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	*
995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	*
993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	2	*
992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	-	-	2	*
991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	1009.2		1009.3		1009.5		1009.3		1009.2		1009.2		1008.8		1009.3		1009.1		1008.4		1008.3		1008.0		1008.9	
S.D.	2.4		2.5		2.5		1.9		1.6		1.6		1.5		1.6		2.0		2.1		2.3		2.0		2.1	
TOTAL	3966		3869		4838		4937		5130		4701		5189		4567		4031		4477		4955		4872		55532	
MAX	1016.9		1016.0		1016.1		1014.9		1014.3		1014.8		1014.6		1016.1		1014.6		1013.6		1014.9		1013.1		1016.9	
DATE	1992012423		1998020323		1992031900		1993041223		1993050400		1997060211		1992070123		1994080622		1994092021		1993100721		1997110921		1994122421		1992012423	
MIN	998.8		1002.7		1000.6		1002.1		1004.0		1004.3		1004.1		1003.4		1001.7		999.5		991.7		1000.8		991.7	
DATE	1992011007		1997022206		1997030818		1997041404		1997051905		1997062405		1996070605		1991081206		1991090218		1991102116		1991112517		1996121505		1991112517	

STATION: 91343

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (7/1991 - 6/1996) (40191 RECORDS, 67.9% 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	
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	999
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999	2	999
28	1	#	-	-	1	#	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	3	999	1	999	7	999
27	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	2	999	4	999
26	1	999	3	#	2	999	-	-	-	-	1	#	-	-	-	-	1	#	-	-	-	4	998	-	-	12	999
25	1	999	-	-	-	-	-	-	1	#	2	999	-	-	1	#	1	999	-	-	-	1	997	-	-	7	999
24	3	999	2	999	3	999	2	#	2	999	2	999	-	-	2	999	-	-	-	-	-	2	997	6	999	24	999
23	8	998	6	998	5	998	6	999	7	999	2	998	5	999	1	999	3	999	-	-	-	1	996	8	997	52	999
22	22	995	8	997	14	997	3	998	6	997	4	998	-	-	1	999	-	-	1	#	4	996	17	995	80	997	
21	59	987	19	994	27	993	16	997	9	996	9	996	1	998	6	998	5	998	-	-	1	995	37	990	189	995	
20	81	967	43	988	54	985	40	992	15	993	8	993	6	998	2	996	5	997	-	-	6	995	56	980	316	991	
19	196	939	110	975	151	970	72	981	25	989	23	991	7	996	2	996	2	995	4	999	5	993	127	965	724	983	
18	204	872	148	940	208	928	105	961	62	982	53	983	10	994	13	995	11	994	4	999	8	992	152	931	978	965	
17	220	803	173	894	242	870	143	931	90	966	47	965	18	991	11	991	7	990	10	998	23	989	196	890	1180	940	
16	243	727	270	839	327	803	252	891	158	941	101	950	22	986	8	987	12	988	16	995	32	983	268	837	1709	911	
15	293	644	310	755	395	711	315	820	221	898	162	916	43	979	24	985	14	984	17	991	43	974	291	764	2128	868	
14	212	544	338	657	382	601	314	731	216	838	158	862	58	966	20	977	11	979	27	986	45	962	273	686	2054	816	
13	245	472	351	551	382	494	372	642	276	780	223	810	70	949	34	970	28	975	42	979	85	949	313	612	2421	764	
12	244	388	367	441	383	387	430	537	362	705	324	735	138	928	38	959	39	966	74	967	149	925	373	527	2921	704	
11	179	304	212	326	237	280	290	416	312	607	283	627	100	887	38	947	51	952	87	947	143	883	254	427	2186	632	
10	145	243	209	259	216	214	269	334	311	522	265	533	195	857	74	934	93	935	111	924	174	843	265	358	2327	577	
9	121	194	150	194	148	154	229	258	279	438	225	445	219	799	87	910	111	903	123	893	193	793	185	286	2070	519	
8	145	152	117	147	124	113	184	193	264	362	212	370	224	734	148	881	140	865	157	860	251	739	169	236	2135	468	
7	108	103	85	110	97	78	126	141	209	290	151	300	191	668	140	833	135	817	195	818	202	668	164	191	1803	415	
6	79	66	88	83	52	51	115	106	197	234	177	249	251	611	194	787	180	771	190	765	260	611	132	146	1915	370	
5	45	39	68	56	48	36	77	73	231	180	182	190	339	536	291	723	250	710	251	713	328	538	115	111	2225	322	
4	23	23	47	35	27	23	47	51	110	118	89	130	278	435	259	628	288	624	334	645	273	445	92	80	1867	267	
3	14	15	27	20	18	15	32	38	107	88	89	100	338	353	388	543	411	525	527	555	332	368	86	55	2369	220	
2	22	11	24	11	20	10	44	29	88	59	110	71	333	252	421	416	460	385	700	412	395	275	59	32	2676	161	
1	4	3	9	4	11	5	41	17	87	35	65	34	327	153	497	278	409	228	575	222	362	163	34	16	2421	95	
0	5	2	3	1	6	2	18	5	42	11	37	12	187	56	350	115	256	88	243	66	216	61	24	6	1387	35	
MEAN		13.5		12.7		13.2		11.8		9.9		9.7		5.8		4.1		4.3		4.2		5.8		11.8		9.0	
S.D.		4.3		4.0		3.8		4.1		4.4		4.4		4.2		3.8		3.7		3.6		4.4		4.7		5.5	
TOTAL		2924		3187		3580		3542		3687		3004		3361		3050		2923		3688		3544		3701		40191	
MAX		27.8		26.4		27.6		24.1		24.9		25.9		28.2		24.7		26.2		21.8		29.5		31.1		31.1	
DATE	1994010112	1993022714	1996032519	1996040200	1994050721	1992061813	1991070520	1995083018	1992092418	1993100502	1995112017	1995120916															
MIN		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	
DATE	1996011701	1993022220	1996031208	1996040920	1996050707	1995062818	1995072705	1995083012	1995092811	1995103120	1995112617	1995123118	1996050707														

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

STATION: 91343

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: (7/1991 - 6/1996) (39679 RECORDS, 67.1% 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	
41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	1	#
39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	2	#	4	999
34	-	-	2	#	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	1	999	-	-	4	999
33	1	#	1	999	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	1	999	1	999	5	999
32	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	1	999	6	999
31	1	999	1	999	2	#	-	-	1	#	1	999	-	-	-	-	-	-	-	-	-	1	998	-	-	7	999
30	1	999	1	998	3	999	-	-	1	999	-	-	-	-	-	-	1	999	-	-	-	2	997	1	999	10	999
29	2	999	-	-	1	999	-	-	1	999	1	999	-	-	-	-	1	999	-	-	-	1	997	-	-	7	999
28	2	998	-	-	1	998	1	#	1	999	1	999	-	-	1	#	1	999	-	-	-	4	997	5	999	17	999
27	7	998	4	998	5	998	5	999	5	999	3	999	2	999	2	999	2	999	-	-	-	1	995	6	997	42	998
26	21	995	7	997	8	997	7	998	3	998	7	998	5	999	2	999	5	998	2	#	-	-	-	15	996	82	997
25	28	988	10	995	15	994	4	996	10	997	5	995	-	-	2	998	5	996	1	999	3	995	28	992	111	995	
24	53	978	28	992	32	990	17	995	4	994	5	994	-	-	5	998	3	994	5	999	2	994	30	984	184	993	
23	98	960	39	983	62	981	37	990	12	993	11	992	9	998	4	996	8	993	2	998	4	994	64	976	350	988	
22	125	927	103	970	105	964	57	980	27	990	14	988	3	995													

18	235	669	259	762	333	725	236	851	165	922	112	930	24	981	15	983	13	980	21	987	35	978	237	775	1685	878
17	229	588	248	680	318	632	266	784	187	877	133	893	31	974	18	977	12	975	19	982	49	968	239	711	1749	835
16	230	510	330	602	354	543	326	708	234	826	153	849	67	965	22	971	14	971	36	976	54	954	278	646	2098	791
15	213	431	338	498	300	444	328	615	240	762	208	797	73	944	30	963	21	966	45	967	90	939	277	571	2163	738
14	184	358	254	392	230	360	296	522	217	696	196	728	84	922	43	952	30	958	58	954	102	913	239	496	1933	684
13	177	295	205	312	271	295	291	438	278	637	280	663	111	897	48	937	49	947	97	939	134	884	271	431	2212	635
12	202	235	226	247	247	220	302	356	367	562	291	569	168	864	72	920	94	930	143	912	195	847	293	358	2600	579
11	126	165	130	176	146	150	194	270	245	462	211	472	162	813	84	895	89	895	115	873	170	792	186	279	1858	514
10	110	122	108	135	118	109	209	215	255	395	187	402	246	765	139	865	156	863	159	842	241	744	169	229	2097	467
9	75	85	96	101	84	76	149	155	236	325	185	339	219	691	179	816	146	806	190	799	233	676	163	183	1955	414
8	56	59	71	71	65	53	107	113	212	261	177	278	248	625	210	752	200	753	247	747	266	610	128	139	1987	365
7	42	40	58	49	28	35	76	83	177	203	146	219	237	551	220	678	192	681	278	680	234	535	92	104	1780	315
6	25	25	33	31	22	27	55	61	158	155	141	170	307	479	242	600	285	611	357	605	302	469	80	79	2007	270
5	22	17	30	20	32	21	57	45	147	112	139	123	365	387	349	514	383	508	519	508	347	383	84	58	2474	219
4	10	9	16	11	19	12	25	29	83	72	65	76	265	278	259	390	277	369	417	367	270	285	42	35	1748	157
3	9	6	10	6	9	6	27	22	75	49	64	55	240	198	259	298	258	268	363	253	267	209	33	24	1614	113
2	2	3	3	3	6	4	29	14	56	29	54	33	217	126	280	206	245	174	298	155	230	134	26	15	1446	72
1	6	2	4	2	3	2	18	6	32	14	30	15	119	61	171	107	143	85	175	74	145	69	23	8	869	36
0	-	-	1	*	5	1	4	1	18	5	16	5	83	25	131	46	92	33	96	26	98	28	5	1	549	14
MEAN	16.0		15.3		15.7		13.9		11.7		11.5		7.5		6.1		6.3		6.3		7.6		14.2		11.1	
S.D.	4.7		4.3		4.2		4.5		4.9		4.8		4.5		4.3		4.3		4.1		4.9		5.1		5.9	
TOTAL	2921		3177		3571		3521		3670		2997		3329		2820		2754		3680		3541		3698		39679	
MAX	33.0		34.0		30.9		27.6		31.1		31.5		34.4		27.6		33.0		26.0		40.2		35.0		40.2	
DATE	1994010112	1992021804	1996032519	1996040413	1994050710	1992061813	1991070520	1995083018	1992092418	1993100502	1991112518	1995120916	1991112518	1995120916	1991112518	1995120916	1991112518	1995120916	1991112518	1995120916	1991112518	1995120916	1991112518	1995120916	1991112518	1995120916
MIN	1.0		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	1996011720	1993022220	1996031208	1996040920	1995052913	1995062818	1995072705	1995083012	1995092811	1995103120	1995112617	1995123118	1996040920													

ELEMENT SUMMARY FOR STATION: 91343  
(A) TOTAL STDMET RECORDS READ = 59175  
(B) TOTAL CWIND RECORDS READ = 0  
(C) TOTAL RECORDS USED IN STATS = 59175

(D) ELEMENT RECORDS AVAILABLE	58706	0	0	0	55532	40191	39679	0	0	0	0	0	0	0
(E) ELEMENT OUT OF RANGE	469	59175	59175	59175	3643	18984	19496	0	59175	59175	59175	59175	59175	59175

STATION: 91343 -- POR (7/1991 - 7/1998)

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
1991	MEAN	-	-	-	-	-	-	27.9	28.0	27.5	27.9	27.7	27.4	27.7
	MAXIMUM	-	-	-	-	-	-	31.8	32.1	31.8	31.7	31.5	29.3	32.1
	DAY-HR	-	-	-	-	-	-	28-02	03-01	01-03	05-03	04-01	01-02	AUG
	MINIMUM	-	-	-	-	-	-	24.0	24.2	23.9	23.7	24.0	24.1	23.7
	DAY-HR	-	-	-	-	-	-	24-13	14-22	20-09	09-21	01-10	26-20	OCT
	# OBS	-	-	-	-	-	-	646	728	713	737	714	740	4278
1992	MEAN	26.7	26.5	27.0	27.4	27.9	27.8	27.7	27.7	28.2	28.0	27.8	27.3	27.5
	MAXIMUM	28.9	28.3	28.3	28.8	30.9	29.5	31.8	31.4	32.4	32.5	31.3	28.8	32.5
	DAY-HR	04-02	26-04	09-02	19-03	25-04	02-01	28-05	07-05	08-01	08-01	18-01	27-02	OCT
	MINIMUM	22.9	23.9	24.2	23.7	23.8	24.3	23.2	23.6	23.8	23.9	24.5	24.3	22.9
	DAY-HR	09-18	27-19	18-01	17-07	17-21	25-18	05-22	24-07	16-07	24-15	05-16	08-20	JAN
	# OBS	740	687	733	679	736	717	733	725	690	741	701	738	8620
1993	MEAN	26.9	26.8	26.8	27.1	27.4	27.5	27.6	27.1	27.4	27.6	27.8	27.4	27.3
	MAXIMUM	28.2	28.5	29.2	29.0	30.6	30.0	30.5	30.0	30.3	30.5	29.7	29.3	30.6
	DAY-HR	01-03	10-02	16-00	21-01	19-01	27-01	11-04	31-22	24-03	12-22	16-23	03-23	MAY
	MINIMUM	23.8	22.3	22.3	22.5	23.0	23.8	24.2	23.2	24.0	23.3	24.8	23.5	22.3
	DAY-HR	21-11	27-06	02-19	17-17	15-17	21-20	29-23	18-03	26-21	14-16	12-02	10-17	MAR
	# OBS	735	632	695	696	735	715	626	648	648	741	715	741	8327
1994	MEAN	27.7	27.5	27.6	27.8	28.1	27.8	27.6	27.7	27.7	27.8	28.0	28.0	27.8
	MAXIMUM	28.9	28.4	28.7	29.5	29.5	29.6	30.2	29.9	29.9	30.7	30.6	30.1	30.7
	DAY-HR	24-23	27-23	24-05	28-02	13-01	09-02	23-01	30-05	06-21	08-03	25-00	23-04	OCT
	MINIMUM	25.0	25.2	23.3	24.1	24.4	24.1	23.2	23.5	23.0	22.4	23.6	25.1	22.4
	DAY-HR	25-13	24-02	05-03	05-02	04-21	25-02	23-07	17-08	10-08	31-01	11-22	15-03	OCT
	# OBS	736	515	666	716	738	716	625	224	206	735	713	739	7329
1995	MEAN	-	27.3	27.7	27.8	28.0	28.1	27.8	28.1	28.3	28.0	28.2	28.2	28.0
	MAXIMUM	-	28.5	28.7	29.3	29.6	30.3	30.1	30.2	30.8	30.8	30.5	29.5	30.8
	DAY-HR	-	21-01	31-23	28-01	24-20	29-03	24-00	08-01	26-04	08-02	04-01	12-01	OCT
	MINIMUM	-	23.2	24.1	25.0	24.1	24.2	23.3	23.6	23.8	24.1	23.9	24.8	23.2
	DAY-HR	-	17-22	20-03	10-23	29-14	28-11	24-07	30-17	09-12	18-23	22-21	26-19	FEB
	# OBS	-	665	743	713	740	714	739	733	710	743	714	741	7955

1996	MEAN	27.8	27.7	27.8	27.7	27.7	28.1	28.2	28.1	28.3	28.2	28.1	28.1	28.0
	MAXIMUM	29.1	29.0	29.1	29.2	29.4	29.6	30.5	30.7	30.5	31.0	30.5	30.5	31.0
	DAY-HR	05-01	19-01	11-01	20-01	21-03	17-01	26-21	13-04	17-02	31-01	01-06	29-05	OCT
	MINIMUM	23.4	23.9	22.8	24.4	24.8	24.0	23.9	23.7	23.8	23.9	24.0	24.1	22.8
	DAY-HR	17-04	19-17	12-06	05-10	26-23	24-01	29-22	09-18	06-22	07-21	28-03	23-10	MAR
	# OBS	713	686	740	738	740	713	789	786	715	734	694	735	8783
1997	MEAN	28.2	27.9	27.7	27.8	28.0	27.5	28.0	27.4	27.5	27.7	28.0	28.0	27.8
	MAXIMUM	30.6	29.5	29.8	30.7	30.4	30.4	30.9	30.3	30.8	30.9	29.4	30.3	30.9
	DAY-HR	27-21	02-01	22-05	23-00	29-01	03-00	26-04	19-02	30-02	26-01	21-02	13-02	OCT
	MINIMUM	24.9	24.5	24.4	23.3	24.2	23.5	24.4	23.3	23.8	23.8	23.9	25.3	23.3
	DAY-HR	20-20	12-14	13-23	06-07	26-15	09-20	27-02	10-10	19-00	09-19	09-20	10-05	AUG
	# OBS	738	653	734	711	741	713	724	728	714	731	702	737	8626
1998	MEAN	27.3	27.2	27.3	28.2	28.4	28.3	28.2	-	-	-	-	-	27.8
	MAXIMUM	28.5	28.2	29.2	29.2	29.3	29.6	29.4	-	-	-	-	-	29.6
	DAY-HR	29-03	10-01	18-02	26-03	17-01	25-02	23-02	-	-	-	-	-	JUN
	MINIMUM	24.9	24.8	24.2	26.3	24.9	24.3	24.4	-	-	-	-	-	24.2
	DAY-HR	22-22	05-21	05-18	17-02	10-21	15-06	23-19	-	-	-	-	-	MAR
	# OBS	707	662	707	691	706	692	623	-	-	-	-	-	4788
POR	MEAN	27.4	27.3	27.4	27.7	27.9	27.9	27.9	27.8	27.9	27.9	27.9	27.8	27.7
	MAXIMUM	30.6	29.5	29.8	30.7	30.9	30.4	31.8	32.1	32.4	32.5	31.5	30.5	32.5
	YEAR	1997	1997	1997	1997	1992	1992	1992	1991	1992	1992	1991	1996	OCT/1992
	MINIMUM	22.9	22.3	22.3	22.5	23.0	23.5	23.2	23.2	23.0	22.4	23.6	23.5	22.3
	YEAR	1992	1993	1993	1993	1993	1997	1994	1993	1994	1994	1994	1993	MAR/1993
	# OBS	4369	4500	5018	4944	5136	4980	5505	4572	4396	5162	4953	5171	58706

STATION: 91343 -- POR (7/1991 - 7/1998)

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
1991	MEAN	-	-	-	-	-	-	1009.5	1009.0	1009.2	1006.9	1008.3	1008.8	1008.6
	MAXIMUM	-	-	-	-	-	-	1013.0	1012.3	1013.4	1013.1	1012.2	1011.8	1013.4
	DAY-HR	-	-	-	-	-	-	24-12	21-13	13-23	08-00	17-00	21-23	SEP
	MINIMUM	-	-	-	-	-	-	1006.1	1003.4	1001.7	999.5	991.7	1005.5	991.7
	DAY-HR	-	-	-	-	-	-	14-06	12-06	02-18	21-16	25-17	26-06	NOV
	# OBS	-	-	-	-	-	-	641	727	711	737	714	443	3973
1992	MEAN	1011.0	1011.4	1011.9	1010.6	1009.8	1009.1	1009.8	1009.5	1009.3	1005.7	1008.5	1009.2	1010.0
	MAXIMUM	1016.9	1015.9	1016.1	1014.0	1013.6	1013.4	1014.6	1012.8	1012.4	1008.2	1014.6	1012.6	1016.9
	DAY-HR	24-23	02-00	19-00	24-00	27-00	30-23	01-23	14-00	01-11	31-22	27-23	12-23	JAN
	MINIMUM	998.8	1007.9	1007.9	1006.0	1006.6	1005.7	1005.5	1005.8	1005.1	1003.2	1002.8	1005.6	998.8
	DAY-HR	10-07	19-06	03-06	04-06	11-06	22-06	31-06	01-05	11-06	30-05	20-18	07-05	JAN
	# OBS	740	687	732	677	732	717	732	723	329	55	703	737	7564
1993	MEAN	1010.6	-	1009.4	1009.7	1010.0	1009.5	1008.3	1009.8	1009.3	1008.8	1007.7	1007.2	1009.0
	MAXIMUM	1012.9	-	1013.7	1014.9	1014.3	1013.3	1012.1	1013.6	1013.5	1013.6	1011.4	1010.5	1014.9
	DAY-HR	06-00	-	22-00	12-23	04-00	09-22	21-12	18-00	05-22	07-21	01-22	12-22	APR
	MINIMUM	1007.1	-	1003.4	1005.7	1006.3	1006.4	1004.7	1005.0	1004.3	1003.8	1004.3	1002.5	1002.5
	DAY-HR	14-18	-	13-06	19-17	16-06	05-06	31-03	01-04	22-02	21-02	16-04	09-16	DEC
	# OBS	333	-	517	692	734	436	326	649	647	741	715	741	6531
1994	MEAN	1007.9	1008.0	1009.1	1008.8	1008.7	1008.4	1008.1	1010.4	1010.4	1008.8	1007.9	1007.6	1008.5
	MAXIMUM	1011.8	1012.3	1012.2	1012.4	1012.1	1011.8	1011.7	1016.1	1014.6	1012.9	1012.3	1013.1	1016.1
	DAY-HR	31-11	28-23	30-22	12-23	04-22	18-22	14-10	06-22	20-21	29-21	02-22	24-21	AUG
	MINIMUM	1003.3	1004.1	1004.1	1004.9	1004.6	1005.5	1004.8	1006.4	1004.0	1003.9	1003.8	1002.2	1002.2
	DAY-HR	01-04	21-04	20-04	20-04	10-04	29-04	08-04	18-17	14-05	24-04	13-04	13-04	DEC
	# OBS	735	516	665	716	737	716	616	224	206	736	713	738	7318
1995	MEAN	-	1009.4	1009.0	1008.1	1008.8	1009.3	1008.5	1008.5	1009.1	1008.0	1008.0	1008.6	1008.6
	MAXIMUM	-	1012.6	1013.6	1010.9	1012.0	1012.7	1011.8	1012.8	1012.3	1012.2	1012.4	1012.7	1013.6
	DAY-HR	-	06-22	18-11	16-23	22-11	29-11	18-11	10-22	11-11	10-11	09-10	27-10	MAR
	MINIMUM	-	1005.9	1004.4	1004.5	1004.8	1006.3	1004.5	1004.5	1006.3	1004.0	1002.9	1004.1	1002.9
	DAY-HR	-	28-16	04-05	07-04	03-05	16-03	05-05	26-05	09-04	30-03	14-03	03-04	NOV
	# OBS	-	665	743	713	740	714	739	732	709	743	714	741	7953
1996	MEAN	1007.2	1007.3	1008.1	1008.6	1009.7	1009.3	1008.2	1009.4	1007.6	1008.0	1006.7	1005.8	1008.0
	MAXIMUM	1011.7	1012.0	1015.1	1014.3	1013.3	1014.2	1011.5	1013.2	1012.7	1012.1	1013.8	1011.6	1015.1
	DAY-HR	01-11	10-11	12-09	13-13	25-22	28-12	01-23	03-00	14-23	11-23	13-23	01-23	MAR
	MINIMUM	1003.5	1002.9	1003.9	1003.5	1005.7	1005.0	1004.1	1005.2	1002.2	1003.9	999.9	1000.8	999.9
	DAY-HR	25-05	15-05	26-04	02-04	04-06	13-04	06-05	18-05	09-06	31-18	03-04	15-05	NOV
	# OBS	713	686	740	738	740	713	789	784	715	734	694	735	8781
1997	MEAN	1008.3	1006.9	1007.5	1008.1	1007.9	1009.6	1008.1	1009.3	1009.6	1009.9	1010.7	1009.2	1008.8
	MAXIMUM	1012.0	1011.0	1013.2	1013.6	1012.0	1014.8	1011.5	1013.8	1014.1	1013.5	1014.9	1012.8	1014.9
	DAY-HR	04-23	11-12	24-23	18-12	31-23	02-11	31-23	29-23	28-11	08-23	09-21	19-23	NOV

	MINIMUM	1004.0	1002.7	1000.6	1002.1	1004.0	1004.3	1004.3	1004.9	1004.5	1000.9	1006.0	1003.8	1000.6
	DAY-HR	17-04	22-06	08-18	14-04	19-05	24-05	20-06	17-05	13-17	31-05	01-04	14-05	MAR
	# OBS	738	653	734	711	741	713	724	728	714	731	702	737	8626
1998	MEAN	1010.8	1012.3	1011.4	1011.1	1009.9	1009.4	1009.7	-	-	-	-	-	1010.7
	MAXIMUM	1015.7	1016.0	1014.9	1014.8	1014.0	1013.2	1013.5	-	-	-	-	-	1016.0
	DAY-HR	30-23	03-23	28-23	05-23	26-22	14-11	05-11	-	-	-	-	-	FEB
	MINIMUM	1007.0	1008.2	1008.1	1008.0	1005.3	1006.5	1005.3	-	-	-	-	-	1005.3
	DAY-HR	17-05	28-05	01-05	13-06	15-06	23-05	22-05	-	-	-	-	-	JUL
	# OBS	707	662	707	690	706	692	622	-	-	-	-	-	4786
POR	MEAN	1009.2	1009.3	1009.5	1009.3	1009.2	1009.2	1008.8	1009.3	1009.1	1008.4	1008.3	1008.0	1008.9
	MAXIMUM	1016.9	1016.0	1016.1	1014.9	1014.3	1014.8	1014.6	1016.1	1014.6	1013.6	1014.9	1013.1	1016.9
	YEAR	1992	1998	1992	1993	1993	1997	1992	1994	1994	1993	1997	1994	JAN/1992
	MINIMUM	998.8	1002.7	1000.6	1002.1	1004.0	1004.3	1004.1	1003.4	1001.7	999.5	991.7	1000.8	991.7
	YEAR	1992	1997	1997	1997	1997	1997	1996	1991	1991	1991	1991	1996	NOV/1991
	# OBS	3966	3869	4838	4937	5130	4701	5189	4567	4031	4477	4955	4872	55532

STATION: 91343 -- POR (7/1991 - 6/1996)

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
1991	MEAN	-	-	-	-	-	-	5.1	4.0	4.0	4.2	6.0	11.6	5.9
	MAXIMUM	-	-	-	-	-	-	28.2	20.8	23.1	17.9	28.8	20.4	28.8
	DAY-HR	-	-	-	-	-	-	05-20	13-16	03-22	24-05	25-22	24-09	NOV
	MINIMUM	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	-	-	30-15	30-15	28-14	30-12	30-22	01-15	DEC
	# OBS	-	-	-	-	-	-	647	730	714	737	697	740	4265
1992	MEAN	11.8	12.8	13.9	12.4	10.2	11.7	4.8	3.1	3.4	4.4	5.4	13.3	8.9
	MAXIMUM	24.5	23.5	22.0	22.6	18.1	25.9	22.9	16.1	26.2	19.4	21.0	23.1	26.2
	DAY-HR	31-18	15-20	09-19	25-23	04-04	18-13	16-03	09-11	24-18	12-03	28-04	14-23	SEP
	MINIMUM	2.1	2.1	3.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0
	DAY-HR	22-17	05-18	23-02	17-06	24-18	25-21	31-22	31-19	30-10	24-04	26-22	05-17	NOV
	# OBS	740	688	733	679	737	717	715	725	693	741	705	739	8612
1993	MEAN	15.6	12.0	10.7	11.5	9.0	8.6	7.6	4.3	4.1	3.7	5.4	13.4	8.9
	MAXIMUM	26.6	26.4	24.1	22.6	23.7	21.8	22.9	22.7	18.3	21.8	18.1	28.0	28.0
	DAY-HR	24-21	27-14	25-11	08-01	02-21	17-22	23-10	01-17	16-17	05-02	29-03	31-04	DEC
	MINIMUM	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0
	DAY-HR	21-00	22-20	24-10	20-07	20-20	27-18	30-02	31-17	17-15	29-12	26-18	10-17	NOV
	# OBS	735	631	695	696	732	715	628	655	649	731	714	742	8323
1994	MEAN	13.4	13.2	13.8	10.5	11.3	7.9	4.6	1.6	4.8	3.5	4.5	9.6	8.9
	MAXIMUM	27.8	20.8	25.9	21.2	24.9	24.5	22.6	9.7	13.6	19.4	26.8	28.8	28.8
	DAY-HR	01-12	07-11	26-14	30-02	07-21	08-13	02-08	31-22	18-19	31-22	30-06	12-21	DEC
	MINIMUM	2.3	3.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	22-11	25-16	27-00	04-18	28-11	30-04	28-13	31-09	21-07	29-16	26-12	23-09	DEC
	# OBS	736	517	669	717	738	714	632	207	157	736	714	739	7276
1995	MEAN	-	12.0	15.1	13.8	9.4	10.2	7.0	5.9	5.6	5.3	7.8	11.3	9.4
	MAXIMUM	-	21.4	24.3	23.7	21.4	23.5	23.3	24.7	20.4	16.7	29.5	31.1	31.1
	DAY-HR	-	01-22	20-02	02-15	31-21	25-14	07-02	30-18	28-01	26-17	20-17	09-16	DEC
	MINIMUM	-	1.2	5.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	17-23	12-09	10-19	29-13	28-18	27-05	30-12	28-11	31-20	26-17	31-18	DEC
	# OBS	-	665	743	712	740	714	739	733	710	743	714	741	7954
1996	MEAN	13.1	13.5	12.6	11.0	9.8	11.2	-	-	-	-	-	-	11.9
	MAXIMUM	22.7	22.7	27.6	24.1	22.6	19.2	-	-	-	-	-	-	27.6
	DAY-HR	16-07	26-11	25-19	02-00	16-01	04-06	-	-	-	-	-	-	MAR
	MINIMUM	0.2	0.4	0.0	0.0	0.0	3.5	-	-	-	-	-	-	0.0
	DAY-HR	17-01	17-07	12-08	09-20	07-07	02-05	-	-	-	-	-	-	MAY
	# OBS	713	686	740	738	740	144	-	-	-	-	-	-	3761
POR	MEAN	13.5	12.7	13.2	11.8	9.9	9.7	5.8	4.1	4.3	4.2	5.8	11.8	9.0
	MAXIMUM	27.8	26.4	27.6	24.1	24.9	25.9	28.2	24.7	26.2	21.8	29.5	31.1	31.1
	YEAR	1994	1993	1996	1996	1994	1992	1991	1995	1992	1993	1995	1995	DEC/1995
	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
	YEAR	1996	1993	1996	1996	1996	1995	1995	1995	1995	1995	1995	1995	MAY/1996
	# OBS	2924	3187	3580	3542	3687	3004	3361	3050	2923	3688	3544	3701	40191

STATION: 91343 -- POR (7/1991 - 6/1996)

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
1991	MEAN	-	-	-	-	-	-	6.7	6.0	6.4	6.0	8.1	13.9	7.9
	MAXIMUM	-	-	-	-	-	-	34.4	25.5	29.0	21.0	40.2	26.0	40.2
	DAY-HR	-	-	-	-	-	-	05-20	23-08	04-03	24-05	25-18	31-01	NOV
	# OBS	-	-	-	-	-	-	640	724	708	736	697	740	4245
1992	MEAN	14.8	16.1	17.4	14.5	12.1	13.7	6.4	4.8	5.6	6.4	7.7	16.5	11.3
	MAXIMUM	29.4	34.0	26.0	25.5	22.2	31.5	26.0	18.9	33.0	25.7	24.9	27.6	34.0
	DAY-HR	28-10	18-04	09-19	25-23	04-04	18-13	16-03	09-11	24-18	30-00	28-04	14-23	FEB
	# OBS	740	686	731	671	729	716	710	718	691	734	703	736	8565
1993	MEAN	18.4	15.1	13.1	14.0	10.9	10.5	9.1	6.4	5.9	6.3	6.8	15.6	11.1
	MAXIMUM	30.3	33.8	30.3	27.2	29.5	26.6	25.9	26.6	23.3	26.0	20.4	33.0	33.8
	DAY-HR	24-21	27-14	25-11	08-01	02-21	17-22	23-10	01-17	17-10	05-02	29-12	31-04	FEB
	# OBS	733	627	692	687	726	711	623	646	646	731	714	742	8278
1994	MEAN	15.6	15.3	15.8	12.2	13.1	9.5	6.5	-	-	6.2	6.2	12.0	11.2
	MAXIMUM	33.0	24.5	30.7	26.0	31.1	27.6	26.0	-	-	24.3	31.5	34.8	34.8
	DAY-HR	01-12	07-11	15-04	30-13	07-10	08-13	02-08	-	-	31-22	30-06	12-21	DEC
	# OBS	735	514	665	715	735	712	617	-	-	736	713	739	6881
1995	MEAN	-	14.0	17.4	16.1	11.1	11.9	8.6	7.3	7.1	6.8	9.4	13.1	11.1
	MAXIMUM	-	24.1	29.2	27.2	24.9	27.2	27.2	27.6	23.9	19.2	34.8	35.0	35.0
	DAY-HR	-	01-22	20-02	06-22	31-21	25-14	03-14	30-18	28-01	26-17	20-17	09-16	DEC
	# OBS	-	665	743	710	740	714	739	732	709	743	714	741	7950
1996	MEAN	15.3	15.8	14.5	12.7	11.4	12.9	-	-	-	-	-	-	13.9
	MAXIMUM	27.0	26.2	30.9	27.6	27.4	22.2	-	-	-	-	-	-	30.9
	DAY-HR	26-00	01-22	25-19	04-13	16-01	04-09	-	-	-	-	-	-	MAR
	# OBS	713	685	740	738	740	144	-	-	-	-	-	-	3760
POR	MEAN	16.0	15.3	15.7	13.9	11.7	11.5	7.5	6.1	6.3	6.3	7.6	14.2	11.1
	MAXIMUM	33.0	34.0	30.9	27.6	31.1	31.5	34.4	27.6	33.0	26.0	40.2	35.0	40.2
	YEAR	1994	1992	1996	1996	1994	1992	1991	1995	1992	1993	1991	1995	NOV/1991
	# OBS	2921	3177	3571	3521	3670	2997	3329	2820	2754	3680	3541	3698	39679

STATION: 91343

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

Month: JAN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	0.0	-	-	*	-	-	-	-	*	-	*	0.1	-	-	0.2	5
1 - 3	-	0.2	0.4	*	0.1	0.1	0.2	-	*	0.1	0.3	-	-	1.5	45	
4 - 6	-	0.1	2.1	1.2	0.8	0.3	*	*	-	0.1	0.2	-	*	4.9	142	
7 - 10	-	-	8.7	6.5	2.3	0.4	0.2	*	*	0.2	0.1	-	-	18.4	537	
11 - 15	-	-	10.7	24.1	3.6	0.5	0.2	0.1	0.1	0.1	-	-	-	39.5	1155	
16 - 20	-	-	5.8	24.5	1.4	0.2	*	0.1	0.1	*	-	-	-	32.3	944	
21 - 24	-	-	0.3	2.7	0.1	0.1	-	-	-	-	-	-	-	3.2	93	
25 - 33	-	-	-	*	*	*	-	-	-	-	-	-	-	0.1	3	
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.0	0.3	28.0	59.1	8.4	1.6	0.7	0.3	0.2	0.6	0.7	0.0	0.0	100.0		
TOTAL N	0	9	820	1729	245	47	20	9	7	17	20	0	1		2924	

(\* < 0.05%)

STATION: 91343

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

Month: FEB

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.0	-	-	-	-	-	-	-	*	-	*	-	-	0.1	3
1 - 3	-	0.7	0.7	0.1	0.1	*	*	*	*	*	0.1	0.1	0.1	2.0	65
4 - 6	-	0.2	4.5	0.7	0.5	0.3	0.1	0.1	-	-	-	-	-	6.2	198
7 - 10	-	-	7.5	7.9	2.2	0.4	0.1	*	*	-	-	-	-	18.2	580
11 - 15	-	-	16.2	30.4	1.9	0.3	*	*	-	-	-	-	-	48.9	1559
16 - 20	-	-	8.8	14.3	0.3	-	-	-	-	-	-	-	-	23.3	744
21 - 24	-	-	0.3	0.8	*	-	-	-	-	-	-	-	-	1.1	35
25 - 33	-	-	0.1	*	-	-	-	-	-	-	-	-	-	0.1	3
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	0.8	38.1	54.2	5.0	1.1	0.3	0.2	0.1	0.0	0.2	0.1	0.1	100.0	
TOTAL N	1	27	1213	1726	158	34	8	5	4	1	5	2	3		3187

(\* < 0.05%)



TOTAL %	0.5	2.0	13.6	55.5	16.4	4.4	2.2	1.6	0.7	0.9	0.7	0.5	0.8	100.0	
TOTAL N	16	59	410	1667	494	133	66	49	21	27	21	16	25		3004

(\* < 0.05%)

STATION: 91343

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	2.6	0.6	0.1	0.1	*	-	0.1	0.2	0.2	0.2	0.6	0.4	0.3	5.6	187
1 - 3		4.6	6.5	2.4	1.4	1.5	1.4	1.1	2.2	3.2	3.1	1.5	2.0	30.8	1035
4 - 6		0.3	6.1	5.5	3.9	3.0	2.1	1.4	1.3	0.8	0.3	-	-	24.7	831
7 - 10		-	2.6	11.4	5.5	3.3	0.8	1.1	0.3	0.1	-	-	-	25.1	845
11 - 15		-	1.0	7.6	2.0	0.4	0.2	0.3	0.1	-	-	-	-	11.7	393
16 - 20		-	0.1	1.1	0.4	*	0.1	*	-	-	-	-	-	1.9	63
21 - 24		-	*	0.1	0.1	-	-	-	-	-	-	-	-	0.2	6
25 - 33		-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.6	5.5	16.5	28.3	13.3	8.3	4.8	4.1	4.1	4.3	4.0	1.9	2.3	100.0	
TOTAL N	86	186	555	951	448	279	160	139	138	144	134	64	77		3361

(\* < 0.05%)

STATION: 91343

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	6.3	0.8	0.3	0.2	0.1	0.1	0.2	0.1	0.2	0.9	0.9	0.9	0.6	11.5	349
1 - 3		5.8	6.0	2.1	1.4	1.2	0.9	1.3	5.3	8.2	6.7	2.9	1.9	43.8	1335
4 - 6		0.2	3.8	2.7	1.8	1.7	1.7	2.1	4.9	3.8	0.5	0.1	0.1	23.4	713
7 - 10		-	1.1	3.2	1.3	1.6	1.5	1.9	3.1	1.2	-	-	-	14.9	454
11 - 15		-	0.7	0.9	0.5	0.4	0.9	1.0	0.6	*	-	-	-	4.9	149
16 - 20		-	0.1	-	-	0.3	0.3	0.5	0.1	-	-	-	-	1.2	36
21 - 24		-	*	*	-	0.1	-	0.1	*	-	-	-	-	0.3	10
25 - 33		-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	6.3	6.8	12.0	9.2	5.1	5.3	5.5	7.0	14.1	14.1	8.2	3.8	2.5	100.0	
TOTAL N	193	208	367	281	155	162	167	213	429	430	249	116	77		3047

(\* < 0.05%)

STATION: 91343

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	4.0	0.5	0.1	0.1	0.1	0.1	0.1	*	0.4	0.7	1.2	0.8	0.7	8.8	256
1 - 3		5.2	4.7	1.4	1.4	1.3	0.8	1.3	4.5	9.4	8.0	3.9	3.1	45.2	1320
4 - 6		0.3	3.6	3.0	2.4	1.8	1.6	1.9	3.7	3.6	1.0	0.2	0.1	23.1	676
7 - 10		-	2.1	3.8	1.7	1.3	1.4	2.6	2.2	1.5	-	-	-	16.7	487
11 - 15		-	0.7	1.1	0.5	0.1	0.3	0.8	0.7	0.4	-	-	-	4.6	135
16 - 20		-	0.1	0.1	0.1	*	0.1	0.1	0.7	*	-	-	-	1.3	37
21 - 24		-	-	-	-	-	-	*	0.3	-	-	-	-	0.3	9
25 - 33		-	-	-	-	-	-	-	*	-	-	-	-	0.0	1
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	4.0	6.1	11.3	9.5	6.3	4.7	4.2	6.8	12.4	15.6	10.2	4.9	3.9	100.0	
TOTAL N	116	177	331	278	184	136	124	200	363	456	297	144	115		2921

(\* < 0.05%)

STATION: 91343

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	2.4	0.6	0.3	0.1	0.1	0.1	0.2	0.3	0.1	0.5	0.6	0.9	0.5	6.6	243
1 - 3		5.9	5.5	2.0	0.9	1.1	0.7	1.1	5.0	12.3	9.1	3.2	3.2	49.9	1842
4 - 6		0.1	2.3	2.8	2.3	1.4	1.1	1.7	2.7	4.3	1.1	0.1	0.1	19.9	735
7 - 10		-	0.5	3.2	3.2	2.0	1.5	1.6	2.7	1.4	-	*	-	16.2	596
11 - 15		-	0.1	1.4	1.2	0.5	0.7	1.3	1.2	0.2	-	-	-	6.4	237
16 - 20		-	-	*	*	0.1	0.2	0.4	0.2	-	-	-	-	0.9	34



21 - 24	-	-	-	-	-	-	-	-	*	-	-	-	-	0.0	1
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.4	6.6	8.7	9.4	7.6	5.2	4.5	6.5	11.9	18.5	10.8	4.2	3.9	100.0	
TOTAL N	87	242	320	346	280	191	166	238	439	683	399	155	142		3688

STATION: 91343

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	2.6	0.6	0.3	-	0.1	0.1	0.1	0.3	0.2	0.1	0.6	0.5	0.7	6.1	216	
1 - 3		5.4	5.9	2.0	1.4	1.2	0.9	1.1	2.2	3.3	3.4	2.5	2.5	31.8	1128	
4 - 6		0.5	8.4	4.5	2.5	1.7	1.0	1.2	1.6	1.6	0.3	-	-	23.2	822	
7 - 10		-	5.5	9.5	3.4	1.4	1.0	1.1	1.1	0.6	*	-	-	23.6	838	
11 - 15		-	2.5	6.7	1.5	0.6	0.3	0.8	0.1	0.1	-	-	-	12.6	447	
16 - 20		-	0.2	1.2	0.2	0.1	0.2	0.2	0.1	*	-	-	-	2.1	74	
21 - 24		-	0.1	0.1	*	-	-	*	*	*	-	-	-	0.2	8	
25 - 33		-	-	0.1	0.1	-	-	*	0.1	*	-	-	-	0.3	11	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	2.6	6.5	22.7	24.0	9.3	5.1	3.5	4.7	5.3	5.9	4.3	3.0	3.2	100.0		
TOTAL N	93	231	806	851	328	179	123	165	189	208	152	105	114		3544	

STATION: 91343

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	0.1	0.1	0.1	-	*	0.1	-	*	*	0.1	-	0.1	0.1	0.6	24	
1 - 3		1.1	1.3	0.4	0.3	0.2	0.1	0.2	0.2	0.3	0.3	0.2	0.4	5.1	188	
4 - 6		0.4	3.8	1.3	1.1	0.7	0.4	0.2	0.5	0.5	0.1	-	-	8.9	330	
7 - 10		-	7.6	10.0	2.9	0.6	0.3	0.3	0.1	-	-	-	-	21.8	806	
11 - 15		-	10.2	26.7	2.1	0.7	0.2	0.2	-	-	-	-	-	40.0	1481	
16 - 20		-	3.7	16.1	1.1	0.1	0.2	0.3	-	-	-	-	-	21.6	799	
21 - 24		-	0.5	1.3	*	-	-	-	-	-	-	-	-	1.8	68	
25 - 33		-	0.1	0.1	-	-	-	-	-	-	-	-	-	0.1	5	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.1	1.6	27.2	55.9	7.5	2.4	1.2	1.2	0.9	0.8	0.4	0.3	0.5	100.0		
TOTAL N	5	60	1005	2069	279	89	44	43	33	31	15	11	17		3701	

STATION: 91343

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	1.6	0.3	0.1	*	*	*	0.1	0.1	0.1	0.2	0.3	0.3	0.2	3.4	1386	
1 - 3		2.7	3.0	1.0	0.8	0.7	0.5	0.6	1.7	3.2	2.6	1.2	1.2	19.2	7697	
4 - 6		0.2	3.8	2.8	2.0	1.2	0.8	0.8	1.2	1.2	0.3	*	*	14.4	5772	
7 - 10		*	4.6	9.3	3.4	1.3	0.8	0.8	0.8	0.4	*	*	-	21.4	8587	
11 - 15		-	6.0	18.7	2.3	0.5	0.3	0.4	0.2	0.1	-	-	-	28.5	11458	
16 - 20		-	2.7	8.5	0.6	0.1	0.1	0.1	0.1	*	-	-	-	12.2	4907	
21 - 24		-	0.2	0.6	0.1	*	-	*	*	*	-	-	-	0.9	348	
25 - 33		-	*	*	*	*	*	*	*	*	-	-	-	0.1	31	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	1.6	3.2	20.4	40.9	9.1	3.9	2.6	2.9	4.1	5.1	3.3	1.6	1.5	100.0		
TOTAL N	623	1274	8191	16419	3673	1550	1042	1180	1653	2034	1314	637	596		40186	

STATION: 91343

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

Months: DEC, JAN, FEB (Winter)

		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	0.1	*	*	*	*	*	-	*	*	0.1	*	*	*	0.3	32	
1 - 3		0.7	0.8	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.2	3.0	298	

4 - 6	0.3	3.5	1.1	0.8	0.4	0.2	0.1	0.2	0.2	0.1	-	*	6.8	670
7 - 10	-	7.9	8.2	2.5	0.5	0.2	0.1	0.1	0.1	0.1	*	-	19.6	1923
11 - 15	-	12.3	27.1	2.5	0.5	0.2	0.1	*	*	-	-	-	42.8	4195
16 - 20	-	6.0	18.0	0.9	0.1	0.1	0.1	*	*	-	-	-	25.3	2487
21 - 24	-	0.4	1.6	*	*	-	-	-	-	-	-	-	2.0	196
25 - 33	-	0.1	*	*	*	-	-	-	-	-	-	-	0.1	11
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	1.0	31.0	56.3	7.0	1.7	0.7	0.6	0.4	0.5	0.4	0.1	0.2	100.0
TOTAL N	6	96	3038	5524	682	170	72	57	44	49	40	13	21	9812

(\* < 0.05%)

STATION: 91343

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	0.1	*	*	*	-	*	*	*	*	*	*	*	0.6	66
1 - 3		0.5	1.0	0.4	0.5	0.3	0.1	0.4	0.2	0.3	0.2	0.2	0.2	4.3	464
4 - 6		0.1	2.6	2.4	1.7	0.7	0.3	0.3	0.1	*	-	-	-	8.2	888
7 - 10		-	5.1	12.8	3.9	1.0	0.6	0.3	*	-	-	-	-	23.7	2566
11 - 15		-	8.7	31.4	3.1	0.6	0.3	0.1	-	-	-	-	-	44.2	4777
16 - 20		-	4.3	12.6	0.8	0.1	0.1	*	-	-	-	-	-	18.0	1944
21 - 24		-	0.2	0.7	0.1	*	-	-	-	-	-	-	-	0.9	100
25 - 33		-	*	*	-	-	-	-	-	-	-	-	-	0.0	4
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	0.7	21.9	60.3	10.2	2.8	1.5	1.1	0.3	0.3	0.2	0.2	0.2	100.0	
TOTAL N	26	75	2364	6521	1102	300	164	119	30	37	22	24	25	10809	

(\* < 0.05%)

STATION: 91343

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	3.1	0.5	0.1	0.1	*	*	0.1	0.1	0.2	0.4	0.5	0.5	0.3	6.1	573
1 - 3		4.1	5.0	1.7	1.2	1.0	0.9	1.0	2.6	4.0	3.5	1.6	1.6	28.1	2645
4 - 6		0.2	4.6	4.2	3.0	2.2	1.6	1.3	2.1	1.5	0.3	*	*	21.0	1981
7 - 10		*	2.5	10.3	4.5	2.2	1.0	1.1	1.1	0.4	-	-	-	23.1	2177
11 - 15		-	1.7	12.0	2.3	0.5	0.5	0.5	0.2	*	-	-	-	17.7	1667
16 - 20		-	0.2	2.3	0.5	0.1	0.1	0.2	*	-	-	-	-	3.5	331
21 - 24		-	*	0.1	0.1	*	-	*	*	-	-	-	-	0.4	34
25 - 33		-	-	-	*	*	*	-	-	-	-	-	-	0.0	4
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	3.1	4.8	14.2	30.8	11.7	6.1	4.2	4.3	6.2	6.4	4.3	2.1	1.9	100.0	
TOTAL N	295	453	1332	2899	1097	574	393	401	588	601	404	196	179	9412	

(\* < 0.05%)

STATION: 91343

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	2.9	0.6	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.8	0.7	0.6	7.0	715
1 - 3		5.5	5.4	1.8	1.2	1.2	0.8	1.2	3.9	8.3	6.8	3.2	3.0	42.3	4290
4 - 6		0.3	4.8	3.4	2.4	1.6	1.2	1.6	2.6	3.1	0.8	0.1	0.1	22.0	2233
7 - 10		-	2.7	5.6	2.8	1.6	1.3	1.7	2.0	1.2	*	*	-	18.9	1921
11 - 15		-	1.1	3.1	1.1	0.4	0.5	1.0	0.7	0.2	-	-	-	8.1	819
16 - 20		-	0.1	0.5	0.1	0.1	0.2	0.2	0.3	*	-	-	-	1.4	145
21 - 24		-	*	*	*	-	-	*	0.1	*	-	-	-	0.2	18
25 - 33		-	-	*	*	-	-	*	*	*	-	-	-	0.1	12
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.9	6.4	14.4	14.5	7.8	5.0	4.1	5.9	9.8	13.3	8.4	4.0	3.7	100.0	
TOTAL N	296	650	1457	1475	792	506	413	603	991	1347	848	404	371	10153	

(\* < 0.05%)