

STATION: WPOWL

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (1/1994 - 12/2001) (68547 RECORDS, 98.4% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
28	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	1	#
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
26	-	-	-	-	-	-	-	-	-	-	-	-	5	999	-	-	-	-	-	-	-	-	-	-	-	5	999
25	-	-	-	-	-	-	-	-	-	-	2	#	7	999	1	#	-	-	-	-	-	-	-	-	-	10	999
24	-	-	-	-	-	-	-	-	-	1	999	26	998	6	999	1	#	-	-	-	-	-	-	-	-	34	999
23	-	-	-	-	-	-	-	-	-	8	999	32	993	11	999	2	999	-	-	-	-	-	-	-	-	53	999
22	-	-	-	-	-	1	#	1	#	13	998	56	988	31	997	6	999	-	-	-	-	-	-	-	-	108	998
21	-	-	-	-	-	2	999	4	999	22	996	74	979	63	991	5	998	-	-	-	-	-	-	-	-	170	997
20	-	-	-	-	1	#	2	999	12	999	34	992	170	966	171	980	40	998	1	#	-	-	-	-	-	431	994
19	-	-	-	-	2	999	1	999	29	997	76	986	233	938	271	950	106	990	6	999	-	-	-	-	-	724	988
18	-	-	-	-	-	6	999	70	992	128	973	417	898	412	902	252	972	12	999	1	#	-	-	-	-	1298	978
17	-	-	-	-	3	999	21	998	114	980	264	950	627	828	677	829	423	927	32	997	5	999	-	-	-	2166	959
16	-	-	1	#	10	999	29	994	201	961	428	904	831	723	936	710	662	852	76	991	9	999	-	-	-	3183	927
15	-	-	4	999	8	997	65	988	319	926	625	828	1063	583	1246	544	980	735	202	978	23	997	1	#	4536	881	
14	3	#	6	999	31	996	134	976	487	871	911	718	1177	404	1151	324	1227	561	476	944	91	993	1	999	5695	814	
13	14	999	31	998	65	991	229	951	745	788	1273	558	846	206	544	121	1139	343	874	864	254	977	18	999	6032	731	
12	55	997	82	992	154	979	400	907	961	660	1094	334	309	64	135	25	549	141	1176	716	420	932	43	997	5378	643	
11	221	988	177	977	324	953	622	832	1055	495	543	141	62	12	6	1	166	44	1133	516	656	858	226	989	5191	565	
10	502	950	323	944	606	897	894	715	854	315	192	46	9	2	-	-	66	15	934	324	805	743	410	951	5595	489	
9	763	864	655	883	935	793	1032	546	507	168	55	12	1	*	-	-	16	3	581	166	956	601	675	882	6176	408	
8	1004	733	891	760	1097	632	881	351	244	81	14	2	-	-	-	-	-	256	68	863	432	835	768	6085	317		
7	836	562	954	594	1031	444	478	184	149	39	-	-	-	-	-	-	-	-	94	24	704	280	1023	627	5269	229	
6	751	418	817	415	743	267	273	94	65	14	-	-	-	-	-	-	-	-	45	8	400	155	907	454	4001	152	
5	646	290	569	262	462	139	184	43	16	3	-	-	-	-	-	-	-	-	3	1	191	85	655	300	2726	93	
4	446	179	358	155	255	60	35	8	-	-	-	-	-	-	-	-	-	-	1	*	153	51	452	190	1700	54	
3	250	103	191	88	82	16	6	1	-	-	-	-	-	-	-	-	-	-	-	-	71	24	249	113	849	29	
2	123	60	114	53	9	2	1	*	-	-	-	-	-	-	-	-	-	-	-	-	32	12	139	71	418	16	
1	57	39	72	31	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	6	66	48	219	10	
0	33	29	40	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	2	65	37	148	7	
-1	71	24	38	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	47	26	157	5	
-2	29	12	15	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	18	76	3
-3	15	7	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	12	44	2
-4	15	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	8	42	1
-5	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	3	23	*
-6	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	*
-7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*
MEAN	6.7		6.8		7.8		9.4		11.7		13.5		15.4		15.6		14.4		11.4		8.8		6.5		10.7		
S.D.	2.7		2.5		2.2		2.3		2.5		2.2		2.4		2.0		1.9		2.0		2.5		2.8		4.1		
TOTAL	5843		5340		5819		5296		5833		5683		5946		5661		5640		5902		5668		5916		68547		
MAX	13.9		15.7		20.3		21.6		21.5		25.4		27.8		25.0		23.8		19.7		18.2		15.1		27.8		
DATE	1994012307	1998020800	1995033100	1996041501	1997050822	1995063023	1998071700	1997081500	2000091502	1996101002	1997111022	1995121300	1998071700														
MIN	-6.1		-3.0		1.2		2.2		4.9		7.9		9.4		11.3		8.5		4.3		-0.5		-5.3		-6.1		
DATE	1996013013	1996020215	1997031514	1999040310	1999050816	1999060610	1999070211	1996080116	1996092216	2001102815	1996112314	1998122215	1996013013														

STATION: WPOWL

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C) -- POR: (2/1997 - 12/2001) (41111 RECORDS, 59.0% 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	#	2	#	-	-	-	-	-	-	-	-	-	3	#
17	-	-	-	-	-	-	-	-	1	#	-	-	27	999	20	999	-	-	-	-	-	-	-	-	-	48	999
16	-	-	-	-	-	-	-	-	6	999	2	#	91	992	101	994	16	#	-	-	-	-	-	-	-	216	999
15	-	-	-	-	-	-	-	-	15	998	29	999	299	967	515	966	147	996	-	-	-	-	-	-	-	1005	994
14	-	-	-	-	-	-	-	-	36	994	113	991	552	886	956	825	431	954	4	#	4	#	-	-	-	2096	969
13	-	-	-	-	-	-	-	-	67	984	355	959	984	735	1188	564	798	834	94	999	12	999	-	-	-	3498	918
12	-	-	-	-	4	#	6	#	161	965	670	859	895	466	567	239	928	610	285	973	73	995	5	#	3594	833	
11	1	#	-	-	21	999	38	998	336	921	815	669	494	221	195	83	673	350	452	896	168	974	17	999	3210	746	
10	19	999	5	#	75	993	84	986	479	828	686	438	225	86	92	30	283	162	653	773	306	926	73	993	2980	667	
9	46	993	33	998	144	972	178	959	597	696	442	243	68	25	17	5	150	83	779	596	372	839	125	972	2951	595	
8	125	977	95	987	190	932	332	902	563	531	236	118	21	6	-	-	85	41	675	385	456	732	201	934	2979	523	
7	344	935	226	954	399	880	455	796	490	375	121	51	-	-	1	*	36	17	435	201	517	601	264	874	3288	451	
6	474	817	345	876	402	769	533	650	354	240	46	17	2	1	-	-	11	7	176	83	510	453	319	796	3172	371	
5	438	655	529	757	537	657	440	480	238	142	13	4	-	-	-	-	6	4	95	36	468	307	530	701	3294	294	
4	457	505	527	575	595	508	391	339	160	77	1	*	-	-	-	-	4	2	25	10	225	173	630	542	3015	213	
3	395	349	481	393	535	343	342	214	88	32	-	-	-	-	-	-	-	-	7	3	135	108	448	355	2431	140	
2	270	214	284	228	422	194	185	104	21	8	-	-	-	-	-	-	2	1	2	1	87	70	243	221	1516	81	

1	155	122	154	130	183	77	81	45	7	2	-	-	-	-	-	1	1	59	45	123	149	763	44			
0	67	69	91	77	54	26	28	19	1	*	-	-	-	-	-	1	*	1	*	50	28	79	112	372	26	
-1	29	46	47	45	21	11	10	10	-	-	-	-	-	-	-	-	-	22	13	43	88	172	17			
-2	23	36	34	29	11	6	11	7	-	-	-	-	-	-	-	-	-	10	7	34	75	123	12			
-3	20	28	27	17	3	2	8	3	-	-	-	-	-	-	-	-	-	11	4	30	65	99	9			
-4	6	21	6	8	6	2	1	1	-	-	-	-	-	-	-	-	-	4	1	30	56	53	7			
-5	11	19	13	6	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	28	47	53	6			
-6	4	15	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	39	29	4			
-7	14	14	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	33	40	4			
-8	14	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	25	36	3			
-9	12	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	18	29	2			
-10	1	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	13	11	1			
-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	10	1			
-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	7	9	1			
-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*			
-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	4	*			
-15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	*			
-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*			
-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	4	*			
-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	*			
-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	*			
MEAN		4.1		3.9		4.6		5.4		8.2		10.6		12.6		13.2		11.9		9.0		6.7		3.8		8.0
S.D.		2.8		2.4		2.4		2.4		2.5		1.8		1.5		1.3		1.7		1.9		2.7		3.8		4.1
TOTAL		2925		2901		3602		3124		3620		3529		3659		3654		3571		3684		3489		3353		4111
MAX		10.5		10.1		11.8		11.6		16.7		16.2		17.7		17.5		15.9		13.8		14.2		12.3		17.7
DATE	2001010500	1999022801	1997031912	2001042621	1997053102	2000062821	1998072823	1999080702	2000091817	1997101708	2001111423	1998121306	1998072823													
MIN		-9.5		-6.6		-4.2		-4.5		0.4		3.9		5.9		7.0		0.3		-0.1		-4.3		-18.9		-18.9
DATE	1998011118	2001020705	1997031504	1997041221	2001051021	1999060121	1999071107	2000082904	2000092305	1999102718	2000111114	1998122101	1998122101	1998122101												

STATION: WPOW1

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

ELEMENT: AIR - DEW POINT TEMPERATURE (DEGREES C) -- POR: (2/1997 - 12/2001) (41093 RECORDS, 59.0% 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	F	CPF
24	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	
23	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
22	-	-	-	-	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
20	-	-	-	-	-	-	1	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	
19	-	-	-	-	-	-	3	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	
18	-	-	-	-	-	-	3	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	
17	1	#	-	-	-	-	2	997	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	
16	1	999	3	#	-	-	3	996	-	-	1	#	-	-	-	-	-	-	1	#	-	-	-	-	-	9	999	
15	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	1	#	3	#	8	999		
14	-	-	4	998	3	#	6	995	3	999	4	999	1	#	1	#	1	#	-	-	-	-	2	999	25	999		
13	2	999	9	997	1	999	12	993	4	998	1	999	1	999	1	999	1	999	3	999	-	-	8	999	43	999		
12	7	999	14	994	5	999	10	989	5	997	3	998	1	999	1	999	1	999	3	998	-	-	7	996	57	998		
11	9	996	16	989	9	997	23	986	17	996	1	997	1	999	8	999	2	999	6	998	2	999	16	994	110	996		
10	5	993	17	983	13	995	17	979	13	991	12	997	4	999	4	997	7	999	5	996	6	999	23	989	126	993		
9	15	991	33	978	29	991	43	973	49	988	13	994	1	998	20	996	17	997	16	995	14	997	28	982	278	990		
8	25	986	40	966	46	983	59	960	63	974	29	990	15	998	27	990	32	992	10	990	29	993	65	974	440	984		
7	39	978	66	952	107	971	129	941	124	957	66	982	37	993	50	983	48	983	22	988	39	985	79	955	806	973		
6	78	964	101	930	149	941	195	899	205	922	126	963	101	983	110	969	113	969	82	982	114	974	110	931	1484	953		
5	93	938	199	895	265	899	315	837	357	866	220	927	234	956	194	939	217	938	194	959	179	941	194	898	2661	917		
4	260	906	346	826	462	826	463	736	570	767	492	865	536	892	359	886	399	877	388	907	366	890	341	840	4982	852		
3	597	817	693	707	849	697	675	588	839	609	805	726	755	745	643	788	671	765	765	801	788	785	670	739	8750	731		
2	1069	613	855	468	1002	461	746	371	848	377	1004	497	959	539	976	612	892	577	1067	594	1071	559	951	539	11440	518		
1	626	248	427	173	556	183	350	132	453	143	578	213	787	277	926	345	846	327	875	304	727	252	646	255	7797	240		
0	98	34	76	26	102	28	63	20	64	18	173	49	225	62	333	91	323	90	245	67	151	43	208	62	2061	50		
MEAN		2.5		3.1		3.0		3.6		3.3		2.8		2.5		2.4		2.4		2.4		2.5		2.8		2.8		
S.D.		1.7		2.2		1.9		2.4		2.0		1.7		1.6		1.8		1.8		1.6		1.6		2.1		1.9		
TOTAL		2925		2901		3598		3121		3617		3528		3658		3653		3570		3684		3487		3351		41093		
MAX		16.8		15.9		14.1		23.8		20.3		15.6		13.6		13.7		14.0		15.6		15.4		15.3		23.8		
DATE	2001010805	1999022023	1998030801	1999041622	1997050823	1999061300	1998071700	1997081104	2000092305	2000100623	1997111022	1998122100	1999041622															
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	2001012219	2001022314	2001031822	2001042514	2001051316	2001062807	2001072616	2001083018	2001092601	2001103100	2001111919	2000120717	2001111919	2001111919														

STATION: WPOW1

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (1/1994 - 12/2001) (68502 RECORDS, 98.3% HAVE ELEMENT)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
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STATION: WPOW1

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (1/1994 - 12/2001) (68569 RECORDS, 98.4% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF		
48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#	
47	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	2	#	4	#		
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
45	-	-	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	3	999	
44	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	3	999	
43	-	-	2	#	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999	5	999	
42	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	
41	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	3	999
40	1	999	1	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	4	999	
39	5	999	-	-	4	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	999	
38	3	998	-	-	2	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	
37	7	997	2	999	2	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	6	999	21	999	
36	3	996	3	999	4	998	-	-	-	-	-	-	-	-	-	-	-	-	4	#	3	999	5	998	22	999		
35	3	996	5	999	1	997	-	-	-	-	-	-	-	-	1	#	2	999	4	998	4	997	4	997	20	999		
34	4	995	3	998	4	997	-	-	-	-	-	-	-	-	-	-	1	999	2	997	11	997	11	997	25	999		
33	6	995	5	997	5	996	-	-	-	-	-	-	-	-	-	-	6	999	9	997	15	995	15	995	46	998		
32	6	993	11	996	7	995	2	#	-	-	-	-	-	-	-	-	5	998	14	995	14	992	14	992	59	997		
31	10	992	12	994	7	994	-	-	1	#	-	-	-	-	-	-	1	999	6	997	9	993	26	990	72	997		
30	18	991	12	992	13	993	-	-	5	999	-	-	-	-	-	-	-	-	7	996	19	991	27	985	101	996		
29	18	988	20	990	18	991	4	999	-	-	-	-	1	#	-	-	2	999	9	995	20	988	37	981	129	994		
28	43	985	29	986	25	988	5	999	3	999	-	-	1	999	2	#	1	999	19	993	31	984	47	975	206	992		
27	38	977	30	980	19	983	10	998	1	998	1	#	-	-	-	-	3	999	22	990	59	979	54	967	237	989		
26	65	971	41	975	42	980	20	996	8	998	2	999	-	-	3	999	5	999	28	986	63	969	88	958	365	986		
25	70	960	73	967	48	973	18	992	14	997	3	999	2	999	3	999	15	998	36	982	67	957	80	943	429	980		
24	67	948	55	953	57	965	19	989	19	995	10	999	4	999	5	999	11	995	28	975	84	946	86	929	445	974		
23	85	936	70	943	70	955	45	985	25	991	11	997	1	999	7	998	8	993	45	971	97	931	96	915	560	968		
22	88	922	96	930	84	943	34	977	24	987	19	995	12	998	6	996	18	992	64	963	106	914	128	898	679	960		
21	97	907	105	912	90	928	67	970	37	983	21	992	5	996	5	995	21	988	74	952	124	895	124	877	770	950		
20	102	890	88	892	75	913	73	958	49	977	23	988	18	996	6	995	31	985	79	940	92	873	112	856	748	938		
19	138	872	118	876	147	900	119	944	74	968	50	984	21	993	15	993	33	979	139	926	147	857	191	837	1192	927		
18	158	849	130	854	147	875	89	921	90	955	51	975	28	989	27	991	39	973	121	903	127	831	172	805	1179	910		
17	130	822	117	829	131	850	107	905	91	940	68	966	39	984	34	986	51	967	139	882	119	809	149	776	1175	893		
16	201	800	155	807	203	827	148	884	122	924	103	954	60	978	40	980	74	957	173	859	164	788	204	750	1647	876		
15	204	765	171	778	190	792	175	856	169	903	161	936	100	968	81	973	104	944	192	829	201	759	224	716	1972	852		
14	191	730	235	746	220	760	190	823	181	875	164	908	112	951	98	959	138	926	219	797	200	723	240	678	2188	823		
13	215	698	224	702	256	722	243	788	221	844	233	879	187	932	168	941	216	901	246	760	253	688	262	637	2724	791		
12	347	661	328	660	322	678	297	742	342	806	331	838	344	901	331	912	281	863	339	718	327	643	366	593	3955	751		
11	297	601	261	599	266	623	254	686	317	747	328	780	350	843	304	853	302	813	305	661	309	586	271	531	3564	694		
10	302	550	271	550	279	577	280	638	323	693	310	722	312	784	330	800	317	760	338	609	297	531	270	486	3629	642		
9	311	499	310	499	287	529	301	585	362	637	394	668	433	732	394	741	396	704	385	552	357	479	309	440	4239	589		
8	332	446	294	441	353	480	303	528	390	575	430	598	497	659	455	672	457	634	380	486	339	416	304	388	4534	527		
7	307	389	303	386	303	419	324	471	358	508	369	523	399	576	469	591	426	553	341	422	292	356	262	336	4153	461		
6	361	336	370	329	365	367	360	410	398	447	410	458	486	509	503	509	514	477	389	364	324	304	301	292	4781	400		
5	442	274	354	260	468	304	457	342	501	379	512	386	612	427	659	420	624	386	496	298	383	247	387	241	5895	331		
4	371	199	315	194	399	224	446	255	398	293	425	296	478	324	508	303	469	275	400	214	316	180	292	176	4817	245		
3	299	135	290	135	376	155	356	171	433	225	385	221	445	244	448	214	437	192	377	147	288	124	287	126	4421	174		
2	267	84	262	81	329	91	318	104	462	150	395	153	433	169	402	135	379	115	290	83	227	73	247	78	4011	110		
1	156	38	120	31	153	34	176	44	354	71	361	84	417	97	282	64	206	48	170	34	130	33	135	36	2660	51		
0	68	12	48	9	47	8	56	11	62	11	115	20	159	27	78	14	63	11	28	5	58	10	79	13	861	13		
MEAN	10.8		10.7		10.2		9.0		8.1		7.6		6.9		6.9		7.5		9.7		11.1		11.8		9.2			
S.D.	7.1		6.9		6.8		5.8		5.3		4.8		4.3		4.1		4.6		6.1		7.1		7.5		6.2			
TOTAL	5842		5339		5823		5296		5834		5685		5956		5663		5643		5902		5669		5917		68569			
MAX	43.7		43.4		46.9		32.3		30.7		27.2		29.2		28.2		34.8		36.4		46.5		47.2		47.2			
DATE	1999012907		1999020700		1999030313		1997043021		2001051605		1997061803		1995072617		1999082509		1999092507		1997101000		1998112408		1995121305		1995121305			
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	2001012806		2001022212		2001033011		2001042110		2000051514		2001063009		2001073014		2001081013		2001092712		2000103000		2001111017		2001123013		2001123013			

(* < 0.05% , # = 100.0%)

STATION: WPOW1

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

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

ELEMENT: PEAK WIND GUST (KNOTS) -- POR: (1/1994 - 12/2001) (68480 RECORDS, 98.3% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
56	-	-	-	-	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	3	#

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1994	MEAN	8.0	5.7	8.4	10.2	12.4	13.6	16.1	16.5	15.1	11.6	6.9	6.3	10.9
	MAXIMUM	13.9	11.9	15.7	17.1	19.2	19.7	25.8	23.1	23.0	18.4	11.9	13.4	25.8
	DAY-HR	23-07	28-21	29-01	20-01	11-01	09-21	21-01	19-01	15-23	01-00	30-05	18-06	JUL
	MINIMUM	3.0	-1.0	2.3	5.6	7.2	10.1	11.0	12.1	10.2	6.4	1.7	-2.4	-2.4
	DAY-HR	31-15	08-14	22-15	14-14	01-13	15-14	02-14	25-14	12-14	29-16	18-11	04-15	DEC
	# OBS	742	645	739	719	738	717	713	731	707	736	712	740	8639
1995	MEAN	7.4	7.5	8.1	9.5	12.9	14.4	16.3	14.7	15.0	11.5	10.2	6.8	11.2
	MAXIMUM	13.3	13.0	20.3	16.3	21.2	25.4	25.6	19.7	22.6	17.7	15.7	15.1	25.6
	DAY-HR	21-00	01-00	31-00	26-00	25-01	30-23	01-00	04-23	04-01	15-23	15-01	13-00	JUL
	MINIMUM	2.0	-2.1	2.2	5.0	8.1	9.1	12.1	11.7	11.5	5.7	4.7	-0.2	-2.1
	DAY-HR	02-10	14-14	24-14	19-15	12-14	06-11	12-12	17-13	09-17	31-17	01-15	06-16	FEB
	# OBS	735	667	739	715	741	718	733	741	709	739	710	737	8684
1996	MEAN	5.4	6.2	8.0	10.0	10.4	13.2	15.3	15.2	13.1	10.9	7.5	5.4	10.0
	MAXIMUM	12.3	12.8	18.6	21.6	17.4	19.9	24.5	22.7	18.0	19.7	14.9	11.8	24.5
	DAY-HR	15-12	17-23	19-02	15-01	31-23	01-22	29-02	11-02	12-01	10-02	08-22	31-19	JUL
	MINIMUM	-6.1	-3.0	2.3	4.4	5.5	9.5	10.8	11.3	8.5	5.8	-0.5	-3.3	-6.1
	DAY-HR	30-13	02-15	02-15	02-13	02-14	18-13	17-17	01-16	22-16	31-15	23-14	27-18	JAN
	# OBS	710	687	738	733	734	714	832	526	651	736	687	735	8483
1997	MEAN	6.3	6.7	7.3	9.4	13.1	13.9	15.5	16.5	14.9	11.5	10.2	7.3	11.1
	MAXIMUM	12.6	13.2	15.4	17.9	21.5	20.8	21.7	25.0	21.9	16.6	18.2	12.9	25.0
	DAY-HR	01-10	16-23	26-01	26-22	08-22	15-01	18-02	15-00	10-00	02-21	10-22	02-22	AUG
	MINIMUM	-1.7	1.3	1.2	3.9	5.8	10.6	12.3	12.4	10.3	7.1	5.6	1.6	-1.7
	DAY-HR	26-18	06-15	15-14	05-14	02-13	06-13	10-14	30-15	19-17	20-15	22-14	26-15	JAN
	# OBS	727	652	729	703	732	709	734	733	714	735	701	738	8607
1998	MEAN	6.6	8.3	8.3	8.3	11.8	13.7	16.2	15.8	14.8	11.7	9.5	6.0	11.1
	MAXIMUM	13.5	15.7	16.3	11.9	17.9	20.6	27.8	23.5	21.8	18.9	13.4	13.3	27.8
	DAY-HR	25-22	08-00	12-23	07-01	02-02	08-02	17-00	14-01	01-01	07-23	15-20	13-14	JUL
	MINIMUM	-2.2	4.1	2.8	5.2	8.2	10.1	13.0	12.5	10.9	5.3	5.5	-5.3	-5.3
	DAY-HR	11-15	23-15	05-15	08-14	16-10	16-15	05-15	30-15	26-14	30-14	29-07	22-15	DEC
	# OBS	714	665	683	296	684	687	722	785	709	740	711	739	8135
1999	MEAN	7.0	6.8	7.1	8.6	10.2	12.8	14.4	15.4	13.7	11.2	9.3	6.9	10.3
	MAXIMUM	12.2	13.3	15.2	20.6	19.4	23.1	21.9	22.3	20.3	15.5	16.0	11.8	23.1
	DAY-HR	11-00	20-21	23-01	16-22	25-00	13-00	07-01	25-00	14-03	06-22	07-02	18-00	JUN
	MINIMUM	1.9	1.3	2.3	2.2	4.9	7.9	9.4	11.4	9.0	6.2	4.8	2.5	1.3
	DAY-HR	30-09	09-18	06-13	03-10	08-16	06-10	02-11	31-13	27-15	16-13	05-15	24-12	FEB
	# OBS	737	660	719	718	743	718	736	725	716	739	715	742	8668
2000	MEAN	5.8	7.0	7.4	9.7	11.3	13.9	15.0	14.9	14.1	11.6	7.6	6.4	10.4
	MAXIMUM	10.1	11.7	13.4	17.0	18.3	23.0	23.6	22.5	23.8	18.8	14.0	11.4	23.8
	DAY-HR	04-22	21-04	27-03	21-01	16-01	28-00	22-03	04-22	15-02	08-01	04-03	01-00	SEP
	MINIMUM	2.3	2.7	3.1	4.1	7.4	9.6	11.3	11.8	9.0	7.5	1.6	-0.2	-0.2
	DAY-HR	28-18	18-14	07-15	24-13	06-14	10-14	05-14	13-15	23-14	22-15	16-15	11-14	DEC
	# OBS	736	692	743	698	721	705	734	740	720	733	713	742	8677
2001	MEAN	7.0	5.9	7.7	8.6	11.2	12.6	14.3	15.4	14.0	10.9	9.4	6.6	10.3
	MAXIMUM	13.5	10.6	13.3	17.5	20.1	18.0	19.9	24.1	19.8	17.0	16.8	11.6	24.1
	DAY-HR	23-21	04-22	25-00	24-23	24-01	18-03	26-01	10-23	13-03	05-01	15-13	17-02	AUG
	MINIMUM	0.8	0.3	3.4	3.4	6.3	8.0	11.2	12.0	9.7	4.3	1.7	2.6	0.3
	DAY-HR	16-08	16-11	03-15	02-14	01-13	03-12	15-16	25-13	27-16	28-15	28-14	05-18	FEB
	# OBS	742	672	729	714	740	715	742	680	714	744	719	743	8654
POR	MEAN	6.7	6.8	7.8	9.4	11.7	13.5	15.4	15.6	14.4	11.4	8.8	6.5	10.7
	MAXIMUM	13.9	15.7	20.3	21.6	21.5	25.4	27.8	25.0	23.8	19.7	18.2	15.1	27.8
	YEAR	1994	1998	1995	1996	1997	1995	1998	1997	2000	1996	1997	1995	JUL/1998
	MINIMUM	-6.1	-3.0	1.2	2.2	4.9	7.9	9.4	11.3	8.5	4.3	-0.5	-5.3	-6.1
	YEAR	1996	1996	1997	1999	1999	1999	1999	1996	1996	2001	1996	1998	JAN/1996
	# OBS	5843	5340	5819	5296	5833	5683	5946	5661	5640	5902	5668	5916	68547

STATION: WPOW1 -- POR (2/1997 - 12/2001)

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1997	MEAN	-	3.4	3.8	5.5	9.2	10.8	12.6	13.6	12.6	9.0	7.4	4.4	8.7
	MAXIMUM	-	6.4	11.8	11.6	16.7	14.7	16.0	17.4	15.5	13.8	12.3	10.4	17.4
	DAY-HR	-	26-07	19-12	20-04	31-02	17-22	18-01	14-23	26-02	17-08	06-12	16-20	AUG
	MINIMUM	-	-1.7	-4.2	-4.5	1.0	4.5	9.6	9.8	9.7	4.1	0.6	-2.6	-4.5
	DAY-HR	-	28-04	15-04	12-21	08-23	07-00	10-04	01-06	20-10	08-09	14-05	03-06	APR
	# OBS	-	215	729	700	732	709	734	729	713	735	701	738	7435
1998	MEAN	4.0	4.8	5.7	5.0	9.5	11.6	14.0	13.4	12.4	9.3	7.2	3.0	8.6

	MAXIMUM	9.7	9.3	11.0	7.7	13.1	14.7	17.7	16.4	15.8	12.8	11.3	12.3	17.7
	DAY-HR	01-12	12-21	13-17	04-11	05-00	08-05	28-23	03-00	02-22	13-05	15-22	13-06	JUL
	MINIMUM	-9.5	-1.7	-3.4	1.1	5.4	8.8	10.3	9.5	8.2	4.0	1.8	-18.9	-18.9
	DAY-HR	11-18	17-03	08-01	11-22	15-19	19-04	09-10	04-21	09-09	30-21	23-11	21-01	DEC
	# OBS	714	662	684	295	683	682	722	782	708	735	709	739	8115
1999	MEAN	4.8	3.6	3.7	4.5	6.6	10.1	12.0	13.5	10.8	8.7	7.1	5.0	7.6
	MAXIMUM	10.2	10.1	9.0	9.7	13.5	13.9	15.1	17.5	14.5	13.2	13.6	10.5	17.5
	DAY-HR	11-02	28-01	14-01	24-20	25-01	24-02	21-00	07-02	22-22	08-11	12-02	18-00	AUG
	MINIMUM	-2.7	-3.9	-2.0	-3.2	0.6	3.9	5.9	8.9	4.2	-0.1	0.0	0.1	-3.9
	DAY-HR	24-07	11-12	17-04	16-22	10-21	01-21	11-07	31-07	29-00	27-18	05-00	02-22	FEB
	# OBS	735	660	717	717	743	718	734	724	716	739	709	742	8654
2000	MEAN	3.1	4.4	4.4	6.3	7.7	10.7	12.3	12.5	11.7	9.3	4.3	3.6	7.5
	MAXIMUM	8.0	8.8	8.6	11.0	12.0	16.2	16.9	15.8	15.9	13.1	10.8	8.9	16.9
	DAY-HR	04-11	08-21	14-06	14-00	22-00	28-21	31-23	06-00	18-17	20-16	04-13	31-01	JUL
	MINIMUM	-5.2	-3.0	-0.3	0.3	2.1	6.0	6.2	7.0	0.3	1.3	-4.3	-8.9	-8.9
	DAY-HR	30-05	20-08	08-02	29-23	12-21	03-02	04-23	29-04	23-05	06-23	11-14	12-09	DEC
	# OBS	736	692	742	698	721	704	727	739	720	731	714	742	8666
2001	MEAN	4.6	2.9	5.2	5.7	7.9	9.9	11.9	13.2	12.0	8.7	7.5	2.4	7.9
	MAXIMUM	10.5	8.3	10.7	11.6	12.4	15.5	15.6	16.6	15.1	12.5	14.2	9.0	16.6
	DAY-HR	05-00	04-16	25-04	26-21	23-23	28-00	24-21	06-20	14-01	13-01	14-23	16-15	AUG
	MINIMUM	-4.5	-6.6	-2.4	-3.0	0.4	5.7	8.3	8.8	6.9	2.6	0.6	-5.7	-6.6
	DAY-HR	08-00	07-05	04-08	11-21	10-21	10-03	02-07	25-00	06-01	24-02	28-10	18-08	FEB
	# OBS	740	672	730	714	741	716	742	680	714	744	656	392	8241
POR	MEAN	4.1	3.9	4.6	5.4	8.2	10.6	12.6	13.2	11.9	9.0	6.7	3.8	8.0
	MAXIMUM	10.5	10.1	11.8	11.6	16.7	16.2	17.7	17.5	15.9	13.8	14.2	12.3	17.7
	YEAR	2001	1999	1997	2001	1997	2000	1998	1999	2000	1997	2001	1998	JUL/1998
	MINIMUM	-9.5	-6.6	-4.2	-4.5	0.4	3.9	5.9	7.0	0.3	-0.1	-4.3	-18.9	-18.9
	YEAR	1998	2001	1997	2001	1999	1999	1999	2000	1999	2000	1999	1998	DEC/1998
	# OBS	2925	2901	3602	3124	3620	3529	3659	3654	3571	3684	3489	3353	41111

STATION: WPOW1 -- POR (1/1994 - 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
1994	MEAN	1020.8	1013.7	1018.7	1016.9	1016.0	1017.6	1018.0	1017.3	1017.0	1015.8	1014.4	1014.7	1016.8
	MAXIMUM	1038.5	1032.2	1034.0	1027.0	1023.5	1025.8	1025.5	1024.0	1025.5	1025.8	1033.0	1031.2	1038.5
	DAY-HR	30-19	01-00	12-17	01-19	01-00	01-22	06-18	29-18	04-20	29-16	21-19	08-06	JAN
	MINIMUM	999.4	988.2	997.5	1000.5	1003.1	1000.4	1009.4	1010.5	1007.5	998.9	996.4	1001.2	988.2
	DAY-HR	04-16	17-16	18-13	25-09	15-14	13-06	23-02	28-03	03-10	26-20	09-04	24-10	FEB
	# OBS	742	643	741	719	738	715	709	731	707	736	711	740	8632
1995	MEAN	1009.8	1018.8	1012.5	1015.7	1015.2	1016.4	1016.7	1015.5	1016.4	1019.1	1015.8	1015.6	1015.6
	MAXIMUM	1024.1	1027.9	1034.1	1029.5	1025.5	1024.8	1028.5	1022.5	1025.4	1030.4	1031.5	1029.6	1034.1
	DAY-HR	01-01	03-19	26-19	22-18	18-18	23-16	30-14	18-17	21-10	19-04	03-16	08-08	MAR
	MINIMUM	990.8	1000.0	980.6	997.6	1003.3	1007.0	1007.8	999.5	1004.2	1002.9	999.8	969.5	969.5
	DAY-HR	10-02	15-13	09-23	07-14	01-21	15-10	26-13	07-03	27-07	26-02	08-16	12-22	DEC
	# OBS	734	667	738	715	741	718	733	741	709	739	710	737	8682
1996	MEAN	1014.6	1013.9	1018.7	1016.5	1017.6	1019.1	1017.7	1017.9	1016.5	1016.9	1016.8	1010.8	1016.4
	MAXIMUM	1031.1	1028.8	1031.9	1033.7	1028.1	1026.7	1027.5	1023.1	1025.7	1035.1	1032.8	1042.0	1042.0
	DAY-HR	10-19	10-09	16-15	27-22	24-07	29-15	05-19	12-16	22-19	27-10	26-07	14-18	DEC
	MINIMUM	992.6	983.5	995.5	995.9	998.2	1006.5	1008.6	1008.7	998.4	997.8	991.4	982.6	982.6
	DAY-HR	19-06	20-11	04-23	16-15	17-22	27-02	03-00	11-06	15-10	24-06	19-17	10-12	DEC
	# OBS	710	687	738	732	734	714	834	525	650	736	687	735	8482
1997	MEAN	1016.9	1022.4	1017.6	1018.5	1017.1	1015.8	1018.0	1016.1	1013.6	1015.5	1012.9	1020.3	1017.0
	MAXIMUM	1032.4	1038.4	1030.7	1037.3	1028.8	1025.9	1022.8	1026.2	1026.4	1028.6	1029.2	1037.0	1038.4
	DAY-HR	06-05	24-11	13-20	02-09	07-14	24-08	01-19	05-16	27-21	14-19	02-00	10-19	FEB
	MINIMUM	981.6	1003.2	991.1	998.2	1007.8	1005.5	1010.7	1008.9	996.1	995.1	998.4	994.7	981.6
	DAY-HR	01-04	17-08	16-01	20-07	19-23	03-16	09-06	15-03	17-10	01-16	23-15	07-21	JAN
	# OBS	727	651	729	703	731	709	734	733	714	735	701	738	8605
1998	MEAN	1008.5	1006.7	1015.3	1014.0	1014.9	1016.7	1017.0	1019.3	1014.9	1017.7	1011.3	1020.8	1014.9
	MAXIMUM	1019.9	1023.2	1024.5	1024.5	1025.4	1028.9	1022.2	1026.6	1022.4	1032.1	1024.6	1039.5	1039.5
	DAY-HR	08-19	09-19	10-06	08-16	31-08	14-19	07-17	12-17	11-16	19-18	19-08	21-08	DEC
	MINIMUM	994.2	989.7	998.0	1002.7	1002.6	1005.5	1009.4	1012.9	1006.8	1004.3	987.3	992.4	987.3
	DAY-HR	29-12	21-12	23-20	11-13	02-03	25-02	30-02	27-03	25-18	02-04	24-03	28-03	NOV
	# OBS	714	665	682	295	684	687	723	785	709	739	706	738	8127
1999	MEAN	1017.0	1011.5	1013.6	1020.4	1018.8	1017.1	1017.9	1016.2	1018.5	1020.5	1015.2	1022.9	1017.5
	MAXIMUM	1035.1	1029.0	1027.4	1040.2	1029.1	1023.3	1027.2	1024.1	1030.4	1037.1	1039.4	1038.5	1040.2
	DAY-HR	02-17	11-06	02-08	14-16	22-16	27-20	08-10	21-20	27-18	16-19	01-06	24-20	APR
	MINIMUM	995.5	980.1	989.6	1006.4	997.3	1007.4	1009.8	1008.3	1007.6	992.7	1000.4	998.2	980.1

	DAY-HR	18-01	06-23	03-11	08-05	03-11	24-10	03-11	11-01	25-07	28-08	08-11	02-12	FEB
	# OBS	738	660	719	716	743	719	736	728	716	739	715	742	8671
2000	MEAN	1017.3	1014.2	1019.8	1018.7	1017.4	1018.8	1019.1	1018.8	1017.6	1016.8	1021.6	1021.7	1018.5
	MAXIMUM	1034.8	1030.6	1036.3	1033.8	1026.6	1028.7	1027.1	1027.7	1027.8	1031.7	1032.3	1039.5	1039.5
	DAY-HR	27-18	02-19	31-16	01-05	18-10	15-17	15-12	15-22	06-19	22-18	17-18	18-07	DEC
	MINIMUM	997.5	995.0	1008.5	1005.6	1005.5	1004.1	1011.4	1009.2	1004.2	994.9	1002.3	995.5	994.9
	DAY-HR	16-13	14-20	06-07	14-13	10-02	12-12	22-03	31-22	08-12	28-08	29-15	15-03	OCT
	# OBS	736	692	743	699	721	701	719	738	720	731	714	743	8657
2001	MEAN	1020.6	1018.8	1019.5	1017.3	1021.1	1019.5	1019.0	1017.8	1017.7	1019.0	1014.2	1013.8	1018.2
	MAXIMUM	1033.8	1031.9	1029.3	1026.8	1035.7	1029.0	1024.4	1026.3	1027.6	1031.2	1031.6	1034.5	1035.7
	DAY-HR	15-19	03-18	14-19	24-05	02-18	18-16	13-16	07-17	07-19	18-07	07-19	07-18	MAY
	MINIMUM	999.1	1004.3	1002.9	1006.2	1006.9	1008.2	1012.1	1009.5	1010.1	998.9	987.0	983.3	983.3
	DAY-HR	10-00	10-23	02-00	06-14	16-03	27-11	16-02	22-13	25-21	22-23	29-07	14-04	DEC
	# OBS	739	672	728	717	740	715	741	680	713	744	714	743	8646
POR	MEAN	1015.7	1015.0	1017.0	1017.5	1017.3	1017.6	1017.9	1017.4	1016.5	1017.7	1015.3	1017.6	1016.9
	MAXIMUM	1038.5	1038.4	1036.3	1040.2	1035.7	1029.0	1028.5	1027.7	1030.4	1037.1	1039.4	1042.0	1042.0
	YEAR	1994	1997	2000	1999	2001	2001	1995	2000	1999	1999	1999	1996	DEC/1996
	MINIMUM	981.6	980.1	980.6	995.9	997.3	1000.4	1007.8	999.5	996.1	992.7	987.0	969.5	969.5
	YEAR	1997	1999	1995	1996	1999	1994	1995	1995	1997	1999	2001	1995	DEC/1995
	# OBS	5840	5337	5818	5296	5832	5678	5929	5661	5638	5899	5658	5916	68502

STATION: WPOW1 -- POR (1/1994 - 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
1994	MEAN	8.1	11.0	9.2	7.4	5.4	5.6	3.6	3.6	5.1	7.8	11.2	11.2	7.4
	MAXIMUM	28.4	31.7	37.1	29.4	23.1	25.7	24.3	15.2	24.1	31.5	35.2	30.9	37.1
	DAY-HR	04-20	13-07	21-08	06-14	28-23	14-08	01-17	28-14	03-10	26-10	23-07	09-02	MAR
	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	31-09	07-05	31-17	29-12	23-14	20-14	31-14	30-13	29-04	17-02	10-09	24-09	DEC
	# OBS	742	644	741	719	739	716	717	732	710	736	712	739	8647
1995	MEAN	7.7	9.3	8.5	6.3	4.2	4.6	4.5	7.5	7.2	9.1	13.6	10.0	7.7
	MAXIMUM	28.6	36.9	34.4	26.0	22.0	17.7	29.2	25.5	21.4	28.6	36.7	47.2	47.2
	DAY-HR	14-23	17-19	10-00	13-11	02-21	17-18	26-17	07-08	28-04	25-21	18-08	13-05	DEC
	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	30-06	11-08	11-01	02-02	09-08	15-13	30-14	23-13	11-10	22-09	28-09	31-19	DEC
	# OBS	735	667	739	715	741	717	733	741	709	739	710	737	8683
1996	MEAN	12.6	10.6	8.6	10.6	8.2	8.5	8.2	7.7	8.1	10.4	10.6	12.9	9.8
	MAXIMUM	31.5	36.7	24.3	27.6	22.7	22.2	22.2	23.3	24.7	35.2	35.6	34.2	36.7
	DAY-HR	20-22	21-01	19-10	23-21	18-02	11-02	19-19	11-15	15-22	14-22	28-05	13-17	FEB
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	22-02	16-10	21-08	28-07	31-09	26-10	28-14	19-11	20-03	29-08	23-21	15-00	DEC
	# OBS	710	687	738	733	734	714	834	526	651	736	687	735	8485
1997	MEAN	10.9	9.1	12.7	8.9	8.6	8.6	7.4	6.8	9.0	10.5	10.9	11.4	9.6
	MAXIMUM	36.5	33.4	45.3	32.3	22.9	27.2	22.2	21.4	27.6	36.4	30.7	33.2	45.3
	DAY-HR	01-10	12-12	31-02	30-21	20-03	18-03	06-23	27-02	15-02	10-00	30-10	14-21	MAR
	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	31-09	25-13	25-10	22-13	30-21	12-17	29-10	29-13	05-13	23-06	29-07	30-16	DEC
	# OBS	727	652	729	702	732	710	734	733	714	735	700	738	8606
1998	MEAN	12.8	10.0	8.8	8.5	9.6	8.5	7.6	6.5	6.9	9.3	13.7	14.6	9.8
	MAXIMUM	32.5	34.8	24.1	22.7	26.2	23.9	17.3	18.5	21.2	33.2	46.5	36.0	46.5
	DAY-HR	17-15	09-02	26-09	11-21	15-12	24-19	13-04	30-04	08-03	08-18	24-08	02-06	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.8	0.0	0.2	0.0	0.0	0.6	0.0	0.0	0.0
	DAY-HR	27-06	23-15	28-11	01-19	23-02	19-08	15-00	25-10	26-07	30-01	11-16	30-16	DEC
	# OBS	713	665	681	294	684	687	723	781	709	740	710	739	8126
1999	MEAN	13.4	15.8	13.2	9.2	9.5	8.3	8.6	8.3	8.1	10.5	10.6	12.9	10.7
	MAXIMUM	43.7	43.4	46.9	23.5	30.3	22.7	25.3	28.2	34.8	32.5	28.0	35.2	46.9
	DAY-HR	29-07	07-00	03-13	08-01	07-13	05-07	07-13	25-09	25-07	28-16	04-03	16-02	MAR
	MINIMUM	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	22-20	18-18	15-19	29-11	29-12	30-12	08-10	22-13	29-15	25-07	28-17	04-15	DEC
	# OBS	737	660	719	717	743	718	736	728	716	739	715	742	8670
2000	MEAN	11.6	9.8	9.1	9.9	10.1	8.7	8.4	7.5	8.3	8.9	8.0	9.3	9.1
	MAXIMUM	42.0	33.6	34.2	25.9	25.5	24.5	20.2	22.4	28.6	25.7	33.4	36.0	42.0
	DAY-HR	16-22	01-22	14-07	28-17	05-18	12-18	16-01	18-23	30-10	18-04	04-12	15-08	JAN
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	27-03	29-09	25-13	18-13	15-14	17-16	07-10	20-06	26-15	30-00	20-15	31-04	DEC
	# OBS	736	692	743	699	721	707	737	740	720	733	716	744	8688

2001	MEAN	9.2	9.9	11.3	10.9	9.1	8.2	6.7	7.9	7.6	10.8	10.4	11.9	9.5
	MAXIMUM	33.2	30.7	31.9	31.7	30.7	26.0	17.9	20.8	23.1	36.2	36.9	36.7	36.9
	DAY-HR	29-16	05-02	13-22	30-18	16-05	09-15	05-01	31-10	26-23	12-17	20-09	16-07	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
	DAY-HR	28-06	22-12	30-11	21-10	09-14	30-09	30-14	10-13	27-12	07-08	10-17	30-13	DEC
# OBS	742	672	733	717	740	716	742	682	714	744	719	743	8664	
POR	MEAN	10.8	10.7	10.2	9.0	8.1	7.6	6.9	6.9	7.5	9.7	11.1	11.8	9.2
	MAXIMUM	43.7	43.4	46.9	32.3	30.7	27.2	29.2	28.2	34.8	36.4	46.5	47.2	47.2
	YEAR	1999	1999	1999	1997	2001	1997	1995	1999	1999	1997	1998	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	2001	2001	2001	2001	2000	2001	2001	2001	2001	2000	2001	2001	DEC/2001
# OBS	5842	5339	5823	5296	5834	5685	5956	5663	5643	5902	5669	5917	68569	

STATION: WPOW1 -- POR (1/1994 - 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
1994	MEAN	9.4	12.9	10.9	8.7	6.7	7.0	4.9	4.7	6.3	9.3	13.1	13.1	8.9
	MAXIMUM	31.5	35.8	42.0	34.0	25.9	30.1	27.4	17.5	26.4	38.3	40.8	36.5	42.0
	DAY-HR	04-20	13-07	21-08	06-14	28-23	13-07	01-17	05-10	03-10	26-10	23-07	08-21	MAR
	# OBS	741	640	737	719	738	716	709	730	707	736	712	739	8624
1995	MEAN	9.2	11.1	10.2	7.6	5.4	5.8	5.6	8.3	7.8	10.3	15.4	11.4	9.0
	MAXIMUM	33.0	41.8	39.7	30.3	24.7	20.0	35.2	28.8	24.9	31.3	43.7	55.6	55.6
	DAY-HR	14-23	17-19	21-05	13-11	02-21	12-18	26-17	07-08	30-05	26-02	18-08	13-05	DEC
	# OBS	735	667	739	715	741	717	733	741	709	739	710	737	8683
1996	MEAN	14.5	12.1	9.6	11.9	9.2	9.5	9.0	8.5	8.9	11.7	12.0	14.8	11.0
	MAXIMUM	36.2	42.8	32.3	31.7	25.3	24.3	23.5	27.4	27.4	39.3	42.0	38.5	42.8
	DAY-HR	20-22	23-04	19-10	16-19	18-02	16-03	19-19	11-15	15-22	14-22	28-05	13-16	FEB
	# OBS	710	687	738	732	734	713	834	526	651	736	687	735	8483
1997	MEAN	12.3	10.3	14.4	9.9	9.5	9.4	8.2	7.4	9.9	11.9	12.3	13.0	10.7
	MAXIMUM	41.6	39.7	55.8	37.3	27.2	29.7	24.5	23.5	31.3	42.0	37.5	39.7	55.8
	DAY-HR	01-10	12-10	31-02	30-21	06-22	18-03	06-23	27-02	27-00	10-00	28-10	14-21	MAR
	# OBS	727	652	729	702	731	709	734	732	714	735	700	738	8603
1998	MEAN	14.8	11.5	9.9	9.5	10.6	9.3	8.3	7.1	7.6	10.5	15.6	16.8	11.0
	MAXIMUM	39.9	40.0	27.6	25.9	28.8	26.0	19.4	20.4	24.1	37.1	53.3	41.0	53.3
	DAY-HR	17-15	09-02	26-09	11-21	15-09	24-22	13-04	30-04	17-23	08-17	24-08	28-06	NOV
	# OBS	713	665	671	292	684	687	723	780	709	739	707	739	8109
1999	MEAN	15.2	18.1	14.9	10.3	10.7	9.2	9.5	9.0	9.0	11.7	12.0	14.7	12.0
	MAXIMUM	50.5	53.3	55.6	27.0	35.2	28.2	28.6	30.3	38.5	36.5	31.5	42.0	55.6
	DAY-HR	29-06	07-00	03-13	05-01	07-03	05-07	07-10	25-13	25-07	28-16	20-01	18-05	MAR
	# OBS	737	660	719	717	743	717	735	728	716	739	715	742	8668
2000	MEAN	13.2	11.0	10.2	11.0	11.2	9.6	9.1	8.2	9.1	10.0	9.2	10.7	10.2
	MAXIMUM	49.2	43.4	39.3	29.9	28.4	27.2	23.5	24.9	31.3	28.6	36.5	41.2	49.2
	DAY-HR	16-22	01-18	14-07	28-17	05-18	12-18	14-02	18-23	30-10	28-15	04-12	15-08	JAN
	# OBS	736	692	743	699	720	700	728	740	720	728	711	743	8660
2001	MEAN	10.5	11.2	12.7	12.2	10.1	9.1	7.4	8.6	8.3	12.3	11.8	13.8	10.7
	MAXIMUM	37.9	34.6	37.7	36.9	34.0	28.4	20.4	22.6	26.6	41.6	44.5	43.9	44.5
	DAY-HR	29-16	07-00	13-22	30-18	16-04	09-15	05-01	04-10	26-23	12-18	20-09	02-01	NOV
	# OBS	742	672	728	716	737	714	742	680	714	744	718	743	8650
POR	MEAN	12.4	12.3	11.6	10.2	9.2	8.6	7.8	7.7	8.4	10.9	12.7	13.5	10.4
	MAXIMUM	50.5	53.3	55.8	37.3	35.2	30.1	35.2	30.3	38.5	42.0	53.3	55.6	55.8
	YEAR	1999	1999	1997	1997	1999	1994	1995	1999	1999	1997	1998	1995	MAR/1997
	# OBS	5841	5335	5804	5292	5828	5673	5938	5657	5640	5896	5660	5916	68480

STATION: WPOW1 -- POR (1/1996 - 12/2001)

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

ELEMENT: HOURLY PEAK WIND GUST (KNOTS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1996	MEAN	17.5	14.9	12.0	14.7	11.5	11.5	11.1	10.7	11.0	14.4	14.9	18.2	13.6
	MAXIMUM	37.1	44.7	35.8	41.0	38.5	27.6	28.0	29.4	29.0	42.4	50.9	46.5	50.9
	DAY-HR	29-20	23-02	20-00	24-03	18-03	11-03	19-21	11-16	15-23	14-22	28-05	01-03	NOV

	MINIMUM	1.4	2.1	1.9	1.6	1.6	1.4	2.3	2.3	1.6	1.9	1.6	2.5	1.4
	DAY-HR	01-01	16-11	26-15	14-01	31-10	29-14	01-10	19-12	20-00	29-09	15-09	15-05	JUN
	# OBS	710	685	738	732	734	714	810	526	651	736	687	735	8458
1997	MEAN	-	13.0	17.5	12.6	11.6	11.6	10.2	9.3	12.3	14.6	15.0	15.7	13.1
	MAXIMUM	-	43.0	56.4	34.0	30.3	31.5	25.7	26.6	42.0	51.5	41.8	50.9	56.4
	DAY-HR	-	12-12	31-01	20-13	03-19	18-04	08-21	24-22	17-11	10-01	23-19	14-21	MAR
	MINIMUM	-	1.9	2.3	2.1	1.6	1.2	1.7	1.6	1.9	2.1	2.5	1.7	1.2
	DAY-HR	-	25-17	17-07	22-14	23-13	10-12	16-11	31-13	05-09	25-13	22-03	30-16	JUN
	# OBS	-	663	728	512	708	709	728	710	714	735	700	738	7645
1998	MEAN	18.2	14.7	12.3	11.8	12.7	11.2	10.2	9.0	9.5	12.7	18.8	20.1	13.5
	MAXIMUM	49.8	41.2	32.9	32.1	32.1	27.8	23.1	22.6	28.0	43.5	60.3	45.5	60.3
	DAY-HR	14-20	09-02	24-05	11-21	14-21	24-19	13-03	15-03	08-04	08-17	24-08	24-23	NOV
	MINIMUM	1.9	1.7	1.6	1.7	2.7	1.7	1.9	1.6	1.7	1.7	2.5	1.9	1.6
	DAY-HR	28-07	18-02	18-12	01-21	23-02	11-04	24-17	20-15	21-13	30-02	11-13	30-17	AUG
	# OBS	713	665	662	285	684	687	723	780	709	740	706	739	8093
1999	MEAN	18.4	22.3	18.1	12.8	13.1	11.3	11.4	11.1	11.1	14.1	14.7	17.6	14.6
	MAXIMUM	53.3	53.3	58.9	32.1	36.2	29.2	31.1	32.5	44.3	41.4	39.3	44.1	58.9
	DAY-HR	29-10	07-00	03-13	04-23	07-05	05-07	07-08	25-14	25-08	28-16	04-02	18-05	MAR
	MINIMUM	2.3	3.1	2.5	2.1	1.7	1.6	2.5	1.9	1.7	1.6	2.1	2.1	1.6
	DAY-HR	22-21	15-03	07-12	29-16	11-10	29-06	08-09	22-13	29-15	20-14	19-01	30-07	OCT
	# OBS	737	660	719	716	743	718	735	728	716	739	715	742	8668
2000	MEAN	16.5	13.5	12.8	13.5	13.8	11.9	10.9	10.2	11.3	12.2	11.6	13.4	12.6
	MAXIMUM	60.1	45.1	42.2	32.3	35.0	30.1	25.9	25.3	33.8	31.3	38.1	45.3	60.1
	DAY-HR	16-22	01-23	14-08	14-10	27-17	12-17	14-02	18-23	30-11	18-05	04-13	15-08	JAN
	MINIMUM	2.9	2.1	1.9	1.6	1.7	2.1	1.6	1.9	1.9	2.1	2.1	1.9	1.6
	DAY-HR	05-19	21-11	22-03	30-13	26-14	22-17	07-11	17-14	20-12	30-01	12-02	21-01	JUL
	# OBS	736	692	743	699	721	695	705	732	717	719	705	740	8604
2001	MEAN	13.1	13.6	15.2	14.7	12.4	11.3	9.3	10.6	10.2	15.0	14.6	17.1	13.1
	MAXIMUM	40.8	39.7	39.9	41.0	39.9	31.5	24.5	25.1	28.2	43.5	49.4	50.9	50.9
	DAY-HR	29-16	02-05	13-16	30-19	16-04	09-18	29-00	04-11	01-12	12-16	20-10	02-00	DEC
	MINIMUM	1.7	1.4	1.6	2.5	2.1	1.9	1.6	2.1	1.9	1.6	1.6	0.6	0.6
	DAY-HR	14-02	23-09	10-04	21-10	07-13	30-12	08-11	17-12	24-13	30-06	10-07	27-03	DEC
	# OBS	740	671	727	715	741	714	742	679	711	744	719	743	8646
POR	MEAN	16.7	15.3	14.7	13.6	12.5	11.5	10.5	10.1	10.9	13.8	14.9	17.0	13.4
	MAXIMUM	60.1	53.3	58.9	41.0	39.9	31.5	31.1	32.5	44.3	51.5	60.3	50.9	60.3
	YEAR	2000	1999	1999	2001	2001	2001	1999	1999	1999	1997	1998	2001	NOV/1998
	MINIMUM	1.4	1.4	1.6	1.6	1.6	1.2	1.6	1.6	1.6	1.6	1.6	0.6	0.6
	YEAR	1996	2001	2001	2000	1997	1997	2001	1998	1996	2001	2001	2001	DEC/2001
	# OBS	3636	4036	4317	3659	4331	4237	4443	4155	4218	4413	4232	4437	50114

STATION: WPOW1

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

Month: JAN

WIND SPEED	WIND DIRECTION													TOT %	TOT N
	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.5	0.1	0.1	0.1	*	0.1	0.1	0.1	*	0.1	0.1	*	*	1.2	68
1 - 3		1.4	2.3	1.5	0.7	1.2	1.8	1.6	0.8	0.8	0.3	0.5	0.6	13.6	793
4 - 6		2.4	3.2	1.6	0.8	1.2	3.8	2.5	1.2	0.5	0.4	0.3	0.8	18.9	1102
7 - 10		3.5	2.2	0.8	0.2	1.0	6.1	4.8	2.2	0.4	0.1	0.2	0.6	22.2	1298
11 - 15		3.5	0.9	0.1	*	0.4	5.2	7.4	2.6	0.1	*	*	0.4	20.7	1208
16 - 20		1.6	0.1	-	-	0.1	1.9	7.6	1.0	-	*	-	0.2	12.5	729
21 - 24		0.7	*	-	-	*	0.3	4.3	0.4	-	-	-	0.3	6.0	352
25 - 33		0.2	-	-	-	-	0.2	3.7	0.3	-	-	-	*	4.4	259
34 - 47		-	-	-	-	-	-	0.5	-	-	-	-	-	0.5	32
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	13.3	8.9	4.1	1.7	4.0	19.5	32.5	8.5	1.9	1.0	1.0	3.2	100.0	
TOTAL N	30	779	518	239	101	231	1138	1896	499	110	56	60	184	5841	
(* < 0.05%)															

STATION: WPOW1

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

Month: FEB

WIND SPEED	WIND DIRECTION													TOT %	TOT N
	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	0.1	*	0.1	*	-	*	*	*	-	*	*	-	0.9	48
1 - 3		1.5	2.6	1.7	0.7	1.3	1.7	1.4	0.7	0.6	0.4	0.6	0.5	13.6	726
4 - 6		2.4	4.1	1.5	0.7	1.3	3.4	1.9	1.2	0.3	0.2	0.4	1.0	18.4	985
7 - 10		5.2	3.3	0.7	0.3	0.9	5.5	4.3	1.6	0.2	*	0.1	0.8	22.9	1221
11 - 15		5.4	1.2	-	-	0.5	5.2	7.1	1.9	0.1	*	-	0.6	22.0	1176
16 - 20		2.7	*	-	-	*	1.4	5.2	1.4	0.1	*	-	0.5	11.4	608
21 - 24		0.3	-	-	-	*	0.4	4.8	0.8	*	-	-	0.1	6.4	340
25 - 33		-	-	-	-	-	0.2	3.2	0.6	-	-	-	0.1	4.1	219

34 - 47	-	-	-	-	-	-	-	-	0.3	*	-	-	-	-	0.3	16
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	17.5	11.3	3.9	1.7	4.0	17.8	28.2	8.3	1.3	0.7	1.0	3.7	100.0		
TOTAL N	30	935	603	209	90	215	953	1506	443	67	38	55	195		5339	

(* < 0.05%)

STATION: WPOW1

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	0.4	0.1	0.1	*	*	-	0.1	-	*	-	-	*	-	0.8	47
1 - 3		1.7	3.5	1.6	0.6	1.3	2.3	1.5	0.8	0.6	0.5	0.5	0.8	15.7	916
4 - 6		2.5	5.3	1.6	0.5	0.8	4.1	2.5	1.3	0.4	0.2	0.2	0.8	20.1	1173
7 - 10		4.7	3.2	0.7	0.2	0.3	5.1	4.9	1.9	0.3	0.1	0.1	0.4	21.8	1269
11 - 15		4.8	1.1	0.1	*	0.2	4.3	7.6	2.1	0.2	*	*	0.4	20.7	1207
16 - 20		1.6	0.1	-	-	0.1	1.5	6.9	1.6	0.1	-	-	0.3	12.1	703
21 - 24		0.1	-	-	-	-	0.3	4.1	0.7	*	-	-	0.1	5.3	311
25 - 33		-	-	-	-	-	0.1	2.4	0.5	*	-	-	-	3.0	174
34 - 47		-	-	-	-	-	*	0.3	*	-	-	-	-	0.4	22
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	15.4	13.3	4.1	1.4	2.6	17.8	30.2	8.9	1.5	0.7	0.8	2.8	100.0	
TOTAL N	23	897	776	238	82	151	1035	1761	516	90	42	49	162		5822

(* < 0.05%)

STATION: WPOW1

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	0.3	0.2	0.1	*	0.1	0.1	0.1	*	0.1	-	0.1	*	*	1.1	56
1 - 3		2.7	5.6	1.3	0.6	1.0	1.6	1.5	0.8	0.5	0.5	0.4	1.0	17.5	924
4 - 6		3.0	5.8	1.5	0.8	1.1	4.2	3.4	1.1	0.4	0.1	0.2	0.8	22.5	1189
7 - 10		3.8	3.1	0.7	0.2	0.5	6.3	6.2	1.7	0.2	0.2	0.1	0.6	23.7	1254
11 - 15		3.6	1.8	*	-	0.2	4.9	8.5	1.5	0.2	*	-	0.3	21.0	1112
16 - 20		1.2	0.2	-	-	*	0.9	6.8	0.8	*	*	-	*	10.1	536
21 - 24		0.2	-	-	-	-	0.2	2.2	0.4	*	-	-	0.2	3.2	170
25 - 33		-	-	-	-	-	0.1	0.8	0.2	-	-	-	*	1.0	54
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	14.7	16.7	3.5	1.7	2.9	18.3	29.4	6.5	1.4	0.9	0.8	3.1	100.0	
TOTAL N	16	781	883	183	89	152	967	1556	344	74	46	42	162		5295

(* < 0.05%)

STATION: WPOW1

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

Month: MAY

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.3	0.3	0.2	0.1	-	-	*	*	-	*	-	*	0.1	1.1	62
1 - 3		3.4	9.6	1.8	0.3	0.7	1.9	1.5	0.9	0.6	0.3	0.7	0.8	22.6	1318
4 - 6		2.9	6.1	1.3	0.3	0.6	4.2	3.5	0.9	0.1	0.1	0.2	0.8	21.0	1228
7 - 10		4.6	4.3	0.9	0.1	0.2	6.7	6.9	1.3	0.1	*	0.1	0.5	25.6	1496
11 - 15		5.0	3.1	0.1	-	*	3.7	6.8	1.3	*	-	-	0.1	20.0	1167
16 - 20		1.4	0.5	-	-	-	0.7	3.9	0.7	0.1	-	-	-	7.3	426
21 - 24		0.1	-	-	-	-	0.1	1.5	0.3	-	-	-	-	1.9	113
25 - 33		-	-	-	-	-	-	0.4	-	-	-	-	-	0.4	24
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	17.7	23.9	4.2	0.7	1.4	17.2	24.4	5.4	1.0	0.5	1.1	2.3	100.0	
TOTAL N	19	1032	1396	244	41	84	1002	1424	313	56	27	63	133		5834

(* < 0.05%)

STATION: WPOW1

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	0.5	0.7	0.1	*	-	0.1	*	-	*	-	*	-	2.0	115
1 - 3		4.1	8.7	1.6	0.2	0.8	1.6	1.4	0.7	0.5	0.3	0.6	0.9	21.4	1217
4 - 6		3.1	6.2	1.9	0.4	0.5	4.7	3.7	0.7	0.1	0.1	0.1	1.1	22.4	1271
7 - 10		5.1	6.5	0.7	0.1	0.1	6.6	6.9	0.9	0.1	*	*	0.6	27.5	1566

11 - 15	4.2	2.9	*	-	*	4.3	8.0	0.6	0.1	*	-	0.1	20.3	1154
16 - 20	0.7	0.3	-	-	-	0.9	3.1	0.2	-	-	-	-	5.2	295
21 - 24	-	0.1	-	-	-	0.1	0.8	0.1	-	-	-	-	1.1	62
25 - 33	-	-	-	-	-	-	0.1	*	-	-	-	-	0.1	4
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.6	17.7	25.3	4.3	0.7	1.4	18.3	23.9	3.3	0.8	0.5	0.7	2.7	100.0
TOTAL N	32	1005	1437	242	40	82	1038	1357	189	44	26	41	152	5685

(* < 0.05%)

STATION: WPOW1

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

Month: JUL

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	0.8	0.8	0.1	*	*	*	0.1	0.1	*	*	-	*	2.7	158
1 - 3		4.4	11.2	1.5	0.3	0.5	1.1	1.3	0.5	0.3	0.3	0.6	1.2	23.1	1373
4 - 6		3.7	10.4	1.9	0.2	0.3	4.3	2.7	0.4	0.1	0.1	0.1	1.1	25.1	1497
7 - 10		5.6	11.2	0.7	0.1	0.1	6.1	4.5	0.4	*	*	-	0.5	29.0	1727
11 - 15		3.9	4.9	*	-	*	3.5	4.2	0.1	*	-	-	0.2	16.9	1007
16 - 20		0.6	0.2	-	-	-	0.3	1.6	0.1	-	-	-	*	2.8	166
21 - 24		*	*	-	-	-	*	0.3	-	-	-	-	-	0.4	22
25 - 33		-	-	-	-	-	-	*	0.1	-	-	-	-	0.1	4
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	19.0	38.6	4.1	0.6	1.0	15.3	14.7	1.6	0.5	0.4	0.6	3.0	100.0	
TOTAL N	36	1134	2300	246	36	58	912	873	97	27	21	38	176		5954

(* < 0.05%)

STATION: WPOW1

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	0.4	0.4	0.2	0.1	-	*	*	*	*	-	0.1	*	*	1.4	78
1 - 3		4.1	8.1	1.3	0.3	0.6	1.9	1.7	0.5	0.4	0.4	0.5	1.7	21.6	1225
4 - 6		4.6	11.1	1.6	0.2	0.2	5.8	2.3	0.4	0.1	0.1	0.2	1.2	27.9	1577
7 - 10		5.4	10.6	0.4	*	0.1	7.7	4.7	0.4	-	-	-	0.6	30.0	1698
11 - 15		3.3	4.7	*	-	*	4.8	3.4	0.2	-	-	-	0.1	16.5	932
16 - 20		0.3	0.3	-	-	-	0.7	0.8	*	-	-	-	-	2.1	121
21 - 24		*	-	-	-	-	0.1	0.3	*	-	-	-	-	0.4	24
25 - 33		-	-	-	-	-	-	0.1	-	-	-	-	-	0.1	7
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	18.1	35.0	3.4	0.6	1.0	21.1	13.3	1.7	0.5	0.5	0.8	3.6	100.0	
TOTAL N	23	1026	1981	193	35	57	1194	751	95	27	30	45	205		5662

(* < 0.05%)

STATION: WPOW1

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.5	0.2	0.1	0.1	*	-	0.1	*	0.1	*	-	*	0.1	1.1	63
1 - 3		4.4	7.1	1.3	0.5	0.7	1.5	1.0	0.5	0.4	0.3	0.5	1.1	19.4	1094
4 - 6		6.0	11.2	1.3	0.2	0.5	3.5	1.9	0.5	0.1	0.1	0.2	1.6	27.2	1535
7 - 10		7.1	9.9	0.6	0.1	0.1	6.0	4.3	0.5	*	*	*	0.6	29.4	1658
11 - 15		4.8	4.2	*	-	-	4.2	3.8	0.2	*	-	-	0.1	17.3	979
16 - 20		0.7	0.4	-	-	-	0.8	2.1	0.1	-	-	-	*	4.0	228
21 - 24		0.1	*	-	-	-	0.1	0.8	*	-	-	-	-	1.1	60
25 - 33		-	-	-	-	-	-	0.4	*	-	-	-	-	0.4	25
34 - 47		-	-	-	-	-	-	*	-	-	-	-	-	0.0	1
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	23.3	32.9	3.2	0.9	1.3	16.2	14.5	1.9	0.6	0.4	0.7	3.5	100.0	
TOTAL N	28	1315	1855	183	48	76	916	817	106	34	25	42	198		5643

(* < 0.05%)

STATION: WPOW1

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	0.3	0.1	-	0.1	*	*	*	-	-	-	-	-	-	0.5	28
1 - 3		1.7	3.5	1.6	0.8	1.2	2.1	1.3	0.8	0.6	0.5	0.3	0.9	15.2	900
4 - 6		2.7	3.8	1.6	0.8	1.4	4.3	2.9	1.3	0.3	0.3	0.3	1.1	20.7	1221
7 - 10		5.8	3.2	0.9	0.2	0.7	6.5	5.3	1.6	0.1	0.1	0.1	0.8	25.4	1499
11 - 15		5.6	2.1	0.1	*	0.3	4.9	6.5	1.3	*	-	*	0.2	21.1	1246
16 - 20		2.4	0.5	*	-	*	1.9	5.6	0.5	-	-	-	0.1	11.0	650
21 - 24		0.2	-	-	-	-	0.4	2.7	0.4	-	-	-	0.1	3.7	218
25 - 33		*	-	-	-	-	0.2	1.8	0.2	-	-	-	-	2.2	131
34 - 47		-	-	-	-	-	-	0.1	-	-	-	-	-	0.1	7
> 48		-	-	*	-	-	*	-	-	-	-	-	-	0.0	2
TOTAL %	0.3	18.5	13.2	4.3	1.8	3.7	20.2	26.2	6.2	1.0	0.8	0.7	3.1	100.0	
TOTAL N	17	1090	780	256	108	217	1195	1548	364	59	46	40	182		5902

(* < 0.05%)

STATION: WPOW1

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

Month: NOV

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.5	0.1	0.1	0.1	*	*	0.1	*	0.1	*	*	*	*	1.0	58
1 - 3		1.0	1.7	1.1	1.0	1.7	2.0	1.0	0.7	0.6	0.3	0.6	0.7	12.3	698
4 - 6		1.6	2.1	1.6	0.9	1.5	3.9	2.0	1.4	0.4	0.3	0.3	1.1	17.1	970
7 - 10		3.6	1.4	0.7	0.2	1.1	7.3	5.5	2.3	0.2	0.1	0.1	1.0	23.6	1339
11 - 15		4.4	0.8	0.1	*	0.6	6.1	7.5	1.9	-	-	-	0.5	21.8	1235
16 - 20		1.3	0.1	-	-	0.1	2.3	6.3	1.1	-	-	-	0.3	11.5	649
21 - 24		0.2	-	-	-	*	0.7	5.9	0.6	-	-	-	0.1	7.6	428
25 - 33		0.1	-	-	-	-	0.2	3.9	0.6	-	-	-	*	4.8	274
34 - 47		-	-	-	-	-	-	0.3	*	-	-	-	-	0.3	17
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	12.3	6.2	3.6	2.2	5.0	22.5	32.4	8.5	1.3	0.7	1.1	3.7	100.0	
TOTAL N	28	697	349	203	124	285	1278	1839	484	71	42	60	208		5668

(* < 0.05%)

STATION: WPOW1

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

Month: DEC

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	0.1	0.1	0.1	0.1	0.1	0.1	*	*	*	*	0.1	0.1	1.3	79
1 - 3		1.1	1.7	1.4	0.9	1.7	1.5	1.0	0.5	0.7	0.5	0.5	0.6	12.0	712
4 - 6		1.6	1.3	2.1	1.0	1.4	3.0	1.7	1.5	0.5	0.2	0.4	0.9	15.8	937
7 - 10		3.1	1.4	0.6	0.2	1.3	6.3	4.1	2.3	0.2	0.1	*	0.7	20.2	1196
11 - 15		4.5	1.0	*	*	0.5	6.2	6.9	2.5	0.2	-	*	0.4	22.2	1312
16 - 20		2.1	0.2	-	-	0.1	2.6	7.0	1.5	-	-	*	0.5	14.0	828
21 - 24		0.5	-	-	-	*	0.7	5.3	1.0	-	-	-	0.1	7.6	452
25 - 33		0.1	-	-	-	-	0.5	4.9	0.7	-	-	-	0.1	6.3	370
34 - 47		-	-	-	-	-	*	0.4	0.1	-	-	-	-	0.5	31
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	13.1	5.6	4.2	2.3	5.2	20.8	31.2	10.2	1.6	0.8	1.1	3.3	100.0	
TOTAL N	37	778	334	246	135	307	1230	1846	601	96	46	63	198		5917

(* < 0.05%)

STATION: WPOW1

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

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.5	0.3	0.2	0.1	*	*	0.1	*	*	*	*	*	*	1.3	860
1 - 3		2.6	5.5	1.5	0.6	1.1	1.7	1.3	0.7	0.5	0.4	0.5	0.9	17.4	11896
4 - 6		3.0	5.9	1.6	0.6	0.9	4.1	2.6	1.0	0.3	0.2	0.2	1.0	21.4	14685
7 - 10		4.8	5.0	0.7	0.2	0.5	6.4	5.2	1.4	0.2	0.1	0.1	0.6	25.1	17221
11 - 15		4.4	2.4	*	*	0.2	4.8	6.5	1.3	0.1	*	*	0.3	20.0	13735
16 - 20		1.4	0.2	*	-	*	1.3	4.7	0.7	*	*	*	0.2	8.7	5939
21 - 24		0.2	*	-	-	*	0.3	2.7	0.4	*	-	-	0.1	3.7	2552
25 - 33		*	-	-	-	-	0.1	1.8	0.3	*	-	-	*	2.3	1545
34 - 47		-	-	-	-	-	*	0.2	*	-	-	-	-	0.2	126
> 48		*	-	*	-	-	*	-	-	-	-	-	-	0.0	3
TOTAL %	0.5	16.7	19.3	3.9	1.4	2.8	18.8	25.0	5.9	1.1	0.6	0.9	3.1	100.0	
TOTAL N	319	11469	13212	2682	929	1915	12858	17174	4051	755	445	598	2155		68562

(* < 0.05%)

STATION: WPOW1

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	0.6	0.1	0.1	0.1	*	0.1	0.1	*	*	*	*	*	*	1.1	195
1 - 3		1.3	2.2	1.5	0.8	1.4	1.6	1.3	0.7	0.7	0.4	0.5	0.6	13.0	2231
4 - 6		2.1	2.8	1.8	0.8	1.3	3.4	2.0	1.3	0.5	0.3	0.4	0.9	17.7	3024
7 - 10		3.9	2.3	0.7	0.2	1.1	6.0	4.4	2.1	0.3	0.1	0.1	0.7	21.7	3715
11 - 15		4.4	1.0	*	*	0.5	5.6	7.1	2.4	0.1	*	*	0.5	21.6	3696
16 - 20		2.1	0.1	-	-	0.1	2.0	6.6	1.3	*	*	*	0.4	12.7	2165
21 - 24		0.5	*	-	-	*	0.5	4.8	0.7	*	-	-	0.2	6.7	1144
25 - 33		0.1	-	-	-	-	0.3	3.9	0.5	-	-	-	0.1	5.0	848
34 - 47		-	-	-	-	-	*	0.4	*	-	-	-	-	0.5	79
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	14.6	8.5	4.1	1.9	4.4	19.4	30.7	9.0	1.6	0.8	1.0	3.4	100.0	
TOTAL N	97	2492	1455	694	326	753	3321	5248	1543	273	140	178	577		17097

(* < 0.05%)

STATION: WPOW1

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	0.3	0.2	0.2	*	*	*	0.1	*	*	*	*	*	*	1.0	165
1 - 3		2.6	6.3	1.6	0.5	1.0	1.9	1.5	0.8	0.6	0.4	0.6	0.9	18.6	3158
4 - 6		2.8	5.7	1.5	0.5	0.8	4.2	3.1	1.1	0.3	0.1	0.2	0.8	21.2	3590
7 - 10		4.4	3.6	0.8	0.2	0.3	6.0	6.0	1.6	0.2	0.1	0.1	0.5	23.7	4019
11 - 15		4.5	2.0	*	*	0.1	4.3	7.6	1.6	0.1	*	*	0.3	20.6	3486
16 - 20		1.4	0.3	-	-	*	1.1	5.9	1.0	0.1	*	-	0.1	9.8	1665
21 - 24		0.1	-	-	-	-	0.2	2.6	0.5	*	-	-	0.1	3.5	594
25 - 33		-	-	-	-	-	0.1	1.2	0.2	*	-	-	*	1.5	252
34 - 47		-	-	-	-	-	*	0.1	*	-	-	-	-	0.1	22
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	16.0	18.0	3.9	1.3	2.3	17.7	28.0	6.9	1.3	0.7	0.9	2.7	100.0	
TOTAL N	58	2710	3055	665	212	387	3004	4741	1173	220	115	154	457		16951

(* < 0.05%)

STATION: WPOW1

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	0.5	0.6	0.6	0.1	*	*	*	*	*	*	*	*	*	2.0	351
1 - 3		4.2	9.3	1.5	0.3	0.7	1.5	1.4	0.6	0.4	0.3	0.5	1.3	22.1	3815
4 - 6		3.8	9.2	1.8	0.3	0.3	4.9	2.9	0.5	0.1	0.1	0.1	1.1	25.1	4345
7 - 10		5.4	9.5	0.6	*	0.1	6.8	5.4	0.6	*	*	*	0.5	28.8	4991
11 - 15		3.8	4.2	*	-	*	4.2	5.2	0.3	*	*	-	0.1	17.9	3093
16 - 20		0.5	0.2	-	-	-	0.7	1.8	0.1	-	-	-	*	3.4	582
21 - 24		*	*	-	-	-	0.1	0.4	0.1	-	-	-	-	0.6	108
25 - 33		-	-	-	-	-	-	0.1	*	-	-	-	-	0.1	15
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.5	18.3	33.1	3.9	0.6	1.1	18.2	17.2	2.2	0.6	0.4	0.7	3.1	100.0	
TOTAL N	91	3165	5718	681	111	197	3144	2981	381	98	77	124	533		17301

(* < 0.05%)

STATION: WPOW1

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	0.4	0.1	0.1	0.1	*	*	0.1	*	*	*	*	*	*	0.9	149
1 - 3		2.4	4.1	1.4	0.7	1.2	1.8	1.1	0.7	0.5	0.4	0.5	0.9	15.6	2692
4 - 6		3.4	5.7	1.5	0.6	1.1	3.9	2.3	1.1	0.3	0.2	0.3	1.3	21.6	3726
7 - 10		5.5	4.8	0.7	0.2	0.6	6.6	5.0	1.5	0.1	*	0.1	0.8	26.1	4496
11 - 15		4.9	2.4	0.1	*	0.3	5.0	5.9	1.1	*	-	*	0.3	20.1	3460
16 - 20		1.5	0.3	*	-	*	1.7	4.7	0.5	-	-	-	0.1	8.9	1527
21 - 24		0.2	*	-	-	*	0.4	3.2	0.3	-	-	-	*	4.1	706
25 - 33		*	-	-	-	-	0.1	2.1	0.3	-	-	-	*	2.5	430
34 - 47		-	-	-	-	-	-	0.1	*	-	-	-	-	0.1	25
> 48		-	-	*	-	-	*	-	-	-	-	-	-	0.0	2
TOTAL %	0.4	18.0	17.3	3.7	1.6	3.4	19.7	24.4	5.5	1.0	0.7	0.8	3.4	100.0	
TOTAL N	73	3102	2984	642	280	578	3389	4204	954	164	113	142	588		17213

(* < 0.05%)

