

STATION: PTAC1

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (10/1984 - 12/2001) (130881 RECORDS, 95.6% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	1	#
24	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	2	999	-	-	-	-	3	999
23	-	-	-	-	-	-	-	-	2	999	-	-	-	-	-	-	-	-	7	999	-	-	-	-	9	999
22	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	999	-	-	-	-	5	999
21	-	-	1	999	-	-	1	#	2	999	-	-	-	-	-	-	2	#	6	999	1	#	-	-	13	999
20	-	-	3	999	-	-	-	-	5	999	-	-	-	-	13	#	7	999	10	998	3	999	1	#	42	999
19	-	-	5	999	1	#	2	999	5	999	1	#	-	-	23	999	7	999	18	997	5	999	3	999	70	999
18	4	#	12	999	1	999	6	999	13	999	1	999	6	#	73	997	44	998	56	996	15	999	6	999	237	999
17	7	999	30	998	8	999	4	999	40	998	5	999	34	999	182	990	176	994	86	991	28	998	10	999	610	997
16	13	999	47	995	16	999	17	999	97	994	59	999	122	996	259	973	412	976	222	983	132	995	37	998	1433	992
15	78	998	125	990	96	998	80	997	285	986	253	994	428	985	620	950	961	933	729	963	372	983	144	995	4171	981
14	364	991	371	978	348	989	281	990	487	962	703	972	956	944	1658	893	1773	835	1271	896	909	948	513	982	9634	950
13	992	959	993	943	961	957	769	965	1183	920	1640	909	2340	853	2953	741	2201	653	2232	781	1397	863	864	936	18525	876
12	1468	873	1399	847	1732	870	1613	895	2253	820	3103	763	3159	630	3162	471	1998	427	2720	578	2213	732	1363	858	26183	734
11	2024	744	1767	712	2160	713	2723	749	3120	628	3483	487	2478	330	1659	181	1407	222	1981	330	2095	526	1829	735	26726	534
10	2075	567	1780	542	2337	517	2801	503	2711	362	1652	177	838	94	288	29	525	77	946	150	1252	330	1762	571	18967	330
9	1505	386	1372	371	1621	306	1696	250	1203	132	292	30	147	14	28	3	171	23	444	64	776	213	1318	412	10573	185
8	1038	254	871	239	818	159	617	97	257	29	26	4	4	*	-	-	49	6	190	24	520	140	964	294	5354	105
7	727	163	542	155	425	85	236	41	49	7	13	1	1	*	-	-	5	1	53	7	384	92	709	207	3144	64
6	476	100	364	103	240	46	128	19	33	3	3	*	-	-	-	-	-	-	15	2	249	56	573	143	2081	40
5	322	58	290	68	153	24	54	8	6	1	-	-	-	-	-	-	-	-	4	*	174	32	407	92	1410	24
4	215	30	182	40	80	10	24	3	-	-	-	-	-	-	-	-	-	-	-	-	107	16	252	55	860	13
3	78	11	128	22	31	3	7	1	-	-	-	-	-	-	-	-	-	-	-	-	49	6	183	32	476	6
2	40	4	40	10	4	*	2	*	-	-	-	-	-	-	-	-	-	-	-	-	12	2	91	16	189	3
1	8	1	20	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	*	40	8	73	1
0	2	*	25	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	4	53	1
-1	1	*	15	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	2	24	*
-2	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	1	14	*
-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	1	*
MEAN	9.8		9.9		10.3		10.4		11.1		11.6		12.1		12.7		12.8		12.2		11.0		9.6		11.1	
S.D.	2.4		2.7		2.0		1.7		1.6		1.3		1.4		1.5		1.7		1.9		2.4		2.9		2.3	
TOTAL	11437		10385		11032		11061		11752		11234		10513		10918		9738		10997		10698		11116		130881	
MAX	18.3		22.1		18.7		20.9		24.2		18.9		18.4		20.4		21.0		24.6		20.5		19.8		24.6	
DATE	1986011303	1987020720	1996030719	2000040112	1997051721	1993060601	1995072121	1997082601	1999092907	1987100604	1993112619	1999122222	1987100604													
MIN	-1.0	-1.5	1.6	2.2	5.1	5.9	7.3	8.8	6.8	4.8	0.9	-2.6	-2.6													
DATE	1987011615	1989020515	1987032214	2001040414	1985050813	1988060613	1987070718	1985082810	1988091213	1985100914	1985111215	1990122206	1990122206													

(* < 0.05% , # = 100.0%)

STATION: PTAC1

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (10/1984 - 12/2001) (134762 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
1035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
1034	4	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	#	10	#
1033	17	999	-	-	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	999	49	999
1032	44	998	3	#	4	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	#	62	997	117	999
1031	118	995	26	999	18	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	999	117	992	298	999
1030	171	985	58	997	42	998	6	#	8	#	-	-	-	-	-	-	-	-	-	-	24	998	188	982	497	996
1029	215	971	149	992	42	994	9	999	14	999	-	-	-	-	-	-	-	-	-	-	61	996	282	966	772	993
1028	302	953	204	979	117	991	22	999	13	998	-	-	-	-	-	-	-	-	-	-	127	991	459	942	1244	987
1027	469	928	322	960	180	981	76	997	11	997	-	-	-	-	-	-	-	-	1	#	318	979	592	903	1969	978
1026	582	890	405	931	274	966	102	990	6	996	-	-	-	-	-	-	-	-	25	999	447	951	605	853	2446	963
1025	691	842	531	894	397	942	245	981	14	995	-	-	-	-	-	-	4	#	75	998	508	912	674	802	3139	945
1024	703	785	571	846	560	909	418	960	63	994	20	#	-	-	-	-	15	999	112	991	648	868	757	746	3867	922
1023	845	728	687	795	803	861	657	923	135	989	43	998	6	#	-	-	21	998	208	982	691	811	773	682	4869	893
1022	923	658	806	732	798	793	838	866	255	977	74	994	46	999	5	#	52	996	374	964	867	750	799	616	5837	857
1021	931	583	824	659	864	725	1019	793	552	955	348	987	142	995	44	999	114	991	652	932	866	674	946	549	7302	814
1020	865	506	678	585	928	652	1080	704	716	907	623	954	270	981	205	995	260	980	908	877	892	598	884	469	8309	759
1019	774	435	642	523	904	573	1011	609	960	844	890	895	611	955	597	976	487	955	1158	799	988	520	612	394	9634	698
1018	599	371	623	465	962	496	1208	521	1286	761	1037	810	1089	896	1093	920	743	908	1441	701	903	433	665	343	11649	626
1017	539	322	577	409	829	414	1058	415	1498	649	998	711	1304	791	1430	817	935	837	1452	578	847	354	540	287	12007	540
1016	466	278	540	357	780	344	846	323	1476	519	1175	616	1636	665	1618	682	1171	747	1392	454	803	279	539	241	12442	451
1015	472	240	507	308	657	278	647	249	1241	390	1312	504	1538	507	1551	530	1256	634	1231	335	503	209	454	196	11369	358
1014	348	201	410	262	539	222	622	192	1032	282	1190	379	1386	358	1263	384	1370	513	798	230	340	165	317	157	9615	274
1013	288	172	351	225	429	176	441	138	866	192	963	266	966	224	962	265	1269	381	581	162	277	135	282	130	7675	203
1012	214	149	305	193	320	140	323	99	599	117	762	174	658	131	695	174	1015	259	474	113	250	110	244	107	5859	146

1011	248	131	270	165	275	113	285	71	329	65	415	102	378	68	467	109	663	162	366	72	219	88	171	86	4086	102	
1010	206	111	193	141	256	89	234	46	199	36	256	62	204	31	343	65	446	98	181	41	133	69	153	72	2804	72	
1009	199	94	194	123	194	68	105	26	76	19	162	38	81	11	192	32	214	55	86	26	143	58	108	59	1754	51	
1008	173	78	179	106	127	51	82	17	24	12	116	22	37	4	93	14	145	34	78	18	113	45	112	50	1279	38	
1007	120	63	139	89	108	40	43	10	36	10	71	11	-	-	40	6	57	20	31	12	90	35	68	40	803	29	
1006	111	54	173	77	60	31	28	6	37	7	20	5	-	-	20	2	64	15	22	9	69	27	58	34	662	23	
1005	126	44	110	61	55	26	19	3	11	4	15	3	-	-	-	-	41	9	16	7	61	21	57	30	511	18	
1004	100	34	99	51	57	21	14	2	7	3	9	1	-	-	-	-	43	5	18	6	49	16	49	25	445	14	
1003	80	26	71	42	40	16	5	*	16	2	4	*	-	-	-	-	5	*	30	4	36	11	37	21	324	11	
1002	52	19	82	36	31	13	-	-	11	1	-	-	-	-	-	-	-	-	18	2	31	8	59	17	284	8	
1001	53	15	51	28	22	10	-	-	-	-	-	-	-	-	-	-	-	-	2	*	9	6	59	12	196	6	
1000	33	11	47	24	26	9	-	-	-	-	-	-	-	-	-	-	-	-	2	*	9	5	28	8	145	5	
999	31	8	45	20	25	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	4	24	5	133	4	
998	25	5	30	15	18	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3	16	3	95	3	
997	19	3	34	13	15	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3	13	2	87	2	
996	19	2	32	10	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	1	1	59	1	
995	3	*	18	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	2	1	1	32	1	
994	-	-	11	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	4	1	22	1	
993	-	-	7	4	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	*	15	*	
992	-	-	4	4	3	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	*	
991	-	-	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	-	-	8	*	
990	-	-	14	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	*	-	-	18	*	
989	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	-	-	3	*	
988	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	
987	-	-	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	*	
986	-	-	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	*	
985	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	
984	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	
MEAN	1019.3		1017.8		1018.0		1018.0		1016.2		1015.4		1015.3		1015.0		1014.4		1016.6		1018.8		1020.1		1017.2		
S.D.	6.6		7.0		5.4		4.1		3.3		3.2		2.5		2.7		3.1		3.5		5.3		6.2		5.0		
TOTAL	12178		11043		11775		11443		11491		10503		10352		10618		10390		11732		11390		11847		134762		
MAX	1034.1		1032.0		1032.9		1030.2		1030.4		1024.1		1022.9		1021.9		1024.8		1026.7		1032.0		1034.0		1034.1		
DATE	1989011118	1999021020	1988030919	1999040919	1988050119	1986061820	1985070220	1992082718	1988092720	1984101818	1999112419	1998122418	1989011118														
MIN	994.9		984.1		991.8		1002.9		1001.7		1003.3		1007.6		1005.6		1002.9		999.6		989.4		992.6		984.1		
DATE	1992010504	1998020305	1995031017	1988042002	1998051213	1989062311	1993070411	1995080912	1998090303	1984101623	1997112615	1995121211	1998020305														
(* < 0.05% , # = 100.0%)																											

STATION: PTAC1

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (10/1984 - 12/2001) (135526 RECORDS, 99.0% 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
62	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	-	-	-	-	-	-	0	999
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
46	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	999
43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
40	3	#	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	5	999
39	3	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	5	999
38	-	-	1	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
37	2	999	2	999	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	999	11	999
36	7	999	3	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	1	#	3	#	5	999	20	999
35	5	999	3	999	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	1	999	12	999
34	6	998	9	999	3	999	-	-	-	-	-	-	-	-	-	-	-	-	2	999	5	999	5	999	30	999
33	12	998	9	998	5	999	-	-	1	#	-	-	-	-	-	-	-	-	2	999	5	999	13	998	47	999
32	6	997	14	997	13	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	10	999	15	997	59	999
31	15	996	15	996	14	998	-	-	2	999	1	#	-	-	-	-	-	-	1	999	9	998	17	996	74	999
30	14	995	32	995	12	997	3	999	4	999	-	-	-	-	-	-	-	-	-	-	15	997	18	995	98	998
29	23	994	25	992	19	995	5	999	4	999	5	999	-	-	-	-	-	-	2	999	11	996	24	993	118	997
28	19	992	39	989	32	994	11	999	6	999	6	999	-	-	1	#	-	-	1	999	25	995	42	991	182	996
27	32	991	35	986	46	991	10	998	11	999	6	999	3	#	2	999	1	#	1	999	23	993	42	988	212	995

26	63	988	83	983	56	987	18	997	15	998	15	998	2	999	4	999	4	999	19	999	35	991	86	984	400	994	
25	58	983	82	975	62	982	45	996	24	996	23	997	9	999	11	999	4	999	18	998	55	987	78	977	469	991	
24	62	978	93	968	84	977	50	992	47	994	32	995	7	999	11	998	16	999	41	996	49	983	97	970	589	987	
23	67	973	118	959	107	969	52	987	60	990	53	992	28	998	20	997	13	998	43	992	69	978	103	962	733	983	
22	126	967	149	949	130	960	109	982	93	985	86	987	45	995	41	996	21	996	71	989	93	972	127	953	1091	977	
21	135	957	165	935	154	949	131	973	147	977	109	980	59	991	54	992	32	994	97	983	119	964	141	943	1343	969	
20	176	946	193	920	192	935	179	961	205	965	169	970	88	985	81	987	51	991	103	974	129	954	151	931	1717	959	
19	230	931	248	902	290	919	288	944	297	947	267	955	152	977	155	979	114	986	175	966	218	942	229	918	2663	947	
18	266	913	267	880	339	893	267	918	381	922	368	931	214	963	209	965	152	975	174	951	240	923	243	899	3120	927	
17	286	891	345	856	348	864	296	894	425	890	445	898	313	942	307	946	157	961	253	936	270	902	247	878	3692	904	
16	319	867	375	824	432	834	437	867	496	853	592	859	449	912	402	918	226	946	292	914	324	878	304	857	4648	877	
15	400	841	401	790	468	796	454	828	639	811	718	806	526	870	468	881	364	924	368	889	404	850	355	832	5565	843	
14	430	808	388	754	502	755	509	787	660	757	724	742	572	820	500	838	370	889	400	858	439	814	402	802	5896	801	
13	540	773	444	719	583	712	593	741	734	701	774	678	673	765	649	792	514	854	510	824	519	776	486	768	7019	758	
12	613	728	554	678	762	661	713	687	863	638	961	609	943	701	925	733	680	804	673	780	623	730	563	727	8873	706	
11	611	678	513	628	634	595	643	623	795	565	762	523	764	612	743	648	676	739	669	723	537	676	509	679	7856	641	
10	650	628	547	582	654	539	649	565	783	497	748	455	794	539	803	580	672	674	712	666	588	629	632	636	8232	583	
9	714	574	633	532	664	482	685	506	792	431	660	389	693	463	770	507	742	610	799	605	657	577	639	583	8448	522	
8	767	516	668	474	685	425	700	444	774	363	707	330	660	398	827	436	790	539	810	537	701	519	720	529	8809	460	
7	788	453	619	414	660	365	684	381	663	297	531	267	570	335	645	360	704	463	750	468	642	458	689	468	7945	395	
6	829	388	699	358	660	308	711	319	596	241	529	220	556	281	672	301	754	395	825	404	742	401	818	410	8391	336	
5	998	320	899	294	791	250	745	254	634	190	466	173	668	228	700	240	977	323	995	334	981	336	1017	341	9871	274	
4	863	238	726	213	638	181	661	187	496	136	432	131	501	164	571	176	731	229	868	249	868	250	967	255	8322	201	
3	733	167	628	147	596	126	541	127	449	94	356	93	451	117	498	123	581	159	811	175	810	174	798	173	7252	140	
2	565	106	493	90	428	74	398	78	320	56	273	61	385	74	417	78	506	104	560	105	559	103	609	106	5513	86	
1	322	60	250	45	201	37	234	42	176	29	175	37	208	37	220	40	275	55	359	58	327	54	341	55	3088	46	
0	407	33	244	22	219	19	234	21	161	14	238	21	181	17	213	20	299	29	317	27	283	25	307	26	3103	23	
MEAN		9.3		10.1		10.4		9.9		10.6		10.9		9.8		9.4		8.3		8.6		9.2		9.4		9.7	
S.D.		6.2		6.6		6.2		5.6		5.3		5.2		4.9		4.9		4.7		5.3		6.0		6.5		5.7	
TOTAL		12165		11015		11488		11056		11753		11231		10514		10919		10426		11722		11389		11848		135526	
MAX		40.4		62.0		38.3		32.1		32.7		30.7		27.2		27.6		26.6		36.2		36.2		43.7		62.0	
DATE	1992010504	1993022200	1995032206	1988040801	1998050111	1992062122	1995071700	1993082505	1999092700	1989102309	1998113011	1995121211	1993022000														
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	1999011110	2001022703	2001032516	2000040711	2000050814	2000061812	2001071209	2001082215	2001092404	2001102807	2001112217	2000120723	2001112217														
(* < 0.05% , # = 100.0%)																											

STATION: PTAC1

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: (10/1984 - 12/2001) (135424 RECORDS, 98.9% 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
74	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#
73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
64	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
55	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
54	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
53	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999
52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	999
51	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
50	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	3	999
49	1	999	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#	2	999	7	999
48	3	999	1	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	7	999	
47	5	999	7	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	2	999	15	999

39	10	996	18	996	9	997	5	999	1	999	-	-	-	-	-	-	2	999	9	998	17	996	71	998		
38	9	995	20	994	16	996	-	-	1	999	-	-	-	-	-	-	1	999	13	997	8	994	68	998		
37	9	994	21	992	18	995	5	999	1	999	-	-	-	-	-	1	#	-	-	12	996	14	994	81	997	
36	20	993	25	991	24	993	6	999	2	999	-	-	-	-	-	-	-	2	999	14	995	35	993	128	997	
35	19	992	31	988	33	991	8	998	8	999	1	#	1	#	1	#	-	-	3	999	30	993	28	990	163	996
34	25	990	46	985	29	988	6	998	8	999	3	999	2	999	1	999	-	-	4	999	16	991	25	987	165	995
33	26	988	57	981	50	986	13	997	12	998	9	999	1	999	-	-	1	999	10	999	23	989	65	985	267	993
32	38	986	56	976	56	981	33	996	15	997	8	999	4	999	1	999	2	999	9	998	28	987	63	980	313	991
31	50	983	74	971	72	976	35	993	19	996	12	998	1	999	3	999	1	999	16	997	39	985	73	974	395	989
30	53	979	75	964	66	970	43	990	33	994	18	997	7	999	5	999	4	999	33	996	43	982	86	968	466	986
29	65	974	79	957	81	964	56	986	42	991	23	995	9	998	12	999	9	999	34	993	59	978	76	961	545	983
28	91	969	115	950	99	957	68	981	75	988	52	993	22	998	15	998	10	998	40	990	78	973	109	954	774	979
27	96	961	121	940	100	949	91	975	89	981	60	989	25	996	21	997	17	997	45	987	74	966	108	945	847	973
26	144	954	168	929	171	940	137	967	126	974	115	983	45	993	61	995	32	996	80	983	113	959	121	936	1313	967
25	133	942	172	914	151	925	157	954	196	963	126	973	67	989	64	989	36	993	83	976	138	949	159	926	1482	957
24	155	931	151	898	174	912	166	940	217	946	178	962	91	982	86	983	50	989	109	969	138	937	133	912	1648	946
23	206	918	199	884	242	897	238	925	233	928	259	946	146	974	128	975	68	984	155	959	162	925	179	901	2215	934
22	214	901	221	866	263	876	236	903	325	908	290	923	189	960	166	964	116	978	155	946	210	911	187	886	2572	918
21	268	883	277	846	313	853	302	882	392	880	428	897	249	942	228	948	159	967	181	933	241	892	229	870	3267	899
20	244	861	274	821	337	825	294	855	383	847	404	859	267	918	265	927	154	951	214	918	248	871	227	851	3311	874
19	379	841	362	796	442	796	423	828	517	814	593	823	475	893	405	903	277	937	337	899	375	849	354	832	4939	850
18	337	810	327	763	402	758	411	790	508	770	579	770	431	848	391	866	317	910	338	870	362	816	316	802	4719	814
17	379	783	319	734	409	723	368	753	522	727	589	719	491	807	444	830	338	880	331	842	352	784	345	775	4887	779
16	405	751	375	705	488	687	487	719	586	683	637	666	541	760	538	789	398	847	456	813	418	753	361	746	5690	743
15	423	718	368	670	526	644	502	675	614	633	676	609	611	708	615	740	442	809	485	774	419	716	392	716	6073	701
14	409	683	331	637	515	599	490	630	619	581	606	549	602	650	583	684	524	766	479	733	429	680	403	682	5990	656
13	508	650	460	607	499	554	526	586	615	528	631	495	675	593	665	630	549	716	498	692	415	642	433	648	6474	612
12	633	608	550	565	615	510	581	538	721	476	687	439	776	529	808	569	666	663	681	650	507	605	481	612	7706	564
11	523	556	455	515	504	457	536	486	649	414	579	378	556	455	630	495	605	599	622	591	457	561	477	571	6593	507
10	560	513	516	474	529	413	527	437	611	359	484	326	541	402	614	438	593	541	628	538	507	520	527	531	6637	458
9	604	467	542	427	511	367	498	389	548	307	513	283	511	350	640	381	626	484	636	485	536	476	594	486	6759	409
8	752	417	606	378	568	322	635	344	546	260	443	237	499	302	541	323	642	424	689	430	651	429	695	436	7267	359
7	701	355	544	323	528	273	529	287	421	214	380	198	433	254	521	273	633	363	633	372	609	371	704	378	6636	306
6	759	298	710	273	572	227	582	239	449	178	342	164	452	213	530	225	664	302	780	318	761	318	761	318	7362	257
5	916	235	765	209	707	177	639	186	535	140	418	134	558	170	555	177	786	238	845	251	928	251	1070	254	8722	202
4	700	160	596	139	506	115	516	129	375	94	329	96	405	117	475	126	551	163	798	179	733	169	741	163	6725	138
3	527	102	439	85	383	71	408	82	325	62	280	67	363	79	400	82	484	110	565	111	552	104	551	101	5277	88
2	306	59	244	45	210	38	224	45	215	35	207	42	236	44	250	46	312	63	361	62	333	56	323	54	3221	49
1	160	34	122	23	87	20	117	25	86	16	103	24	122	22	99	23	138	33	172	32	137	27	115	27	1458	25
0	252	21	134	12	140	12	158	14	105	9	162	14	104	10	150	14	207	20	198	17	165	15	205	17	1980	15
MEAN		11.7		12.8		13.3		12.5		13.3		13.4		12.0		11.6		10.2		10.7		11.6		11.8		12.1
S.D.		7.7		8.3		7.8		7.1		6.7		6.4		6.0		5.9		5.7		6.5		7.5		8.1		7.1
TOTAL		12162		11010		11482		11057		11747		11224		10508		10911		10412		11712		11360		11839		135424
MAX		54.0		73.9		48.0		39.7		41.6		35.4		35.0		34.6		36.5		48.6		49.2		51.9		73.9
DATE	1995010915		1993022000		1986031000		1996041608		1998050114		1992062122		1987071701		1990082620		1999092700		1989102309		1984112717		1995121211		1993022000	
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	1999011110		2001022703		2001030318		2000040711		2000050814		2000061812		1999072804		2001082215		2001092404		2001102807		2001112217		1996122517		2001112217	
(* < 0.05% , # = 100.0%)																										

STATION: PTAC1

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

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (1/1996 - 12/2001) (50111 RECORDS, 16.4% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN	
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
57	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	2	999
55	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999
53	1	999</																								

42	6	993	11	991	1	998	8	999	4	999	-	-	-	-	-	-	-	8	993	15	989	53	997			
41	2	992	16	988	8	998	1	997	2	998	-	-	-	-	-	-	-	6	991	12	986	47	996			
40	7	991	25	984	7	996	6	997	3	998	-	-	-	-	-	-	1	#	22	990	26	983	97	995		
39	8	990	23	978	10	993	3	995	3	997	-	-	-	-	-	-	3	999	15	985	23	977	88	993		
38	9	988	27	972	15	991	3	994	12	997	-	-	-	-	-	-	2	999	16	981	27	972	111	991		
37	19	985	28	966	15	986	6	994	3	994	1	#	-	-	-	3	#	2	999	9	977	21	966	107	989	
36	16	981	42	959	21	982	13	992	11	993	3	999	-	-	-	-	-	6	998	14	975	30	961	156	987	
35	22	977	43	948	26	975	6	989	16	991	4	999	-	-	1	#	1	999	3	997	24	972	41	954	187	984
34	24	971	39	938	22	968	9	987	12	987	8	998	-	-	-	-	-	8	996	15	966	35	945	172	980	
33	33	965	52	928	32	961	26	985	37	984	10	996	1	#	2	999	4	999	22	994	48	963	58	937	325	977
32	41	957	55	915	37	952	20	978	26	976	12	994	3	999	2	999	5	998	19	989	31	951	55	924	306	970
31	37	947	61	901	31	941	27	973	33	970	20	991	5	999	5	999	6	997	19	985	26	944	48	911	318	964
30	41	937	62	886	31	932	39	966	49	962	28	986	11	998	11	998	6	996	24	981	36	938	59	901	397	958
29	52	927	75	871	41	923	73	956	71	951	44	980	12	996	14	995	18	994	38	975	43	929	49	887	530	950
28	45	914	82	852	45	910	63	937	61	935	83	969	29	993	37	992	25	990	50	967	58	919	61	876	639	939
27	46	903	86	832	46	897	50	920	66	921	95	950	42	986	52	984	23	984	53	955	57	905	56	862	672	926
26	89	892	93	811	87	884	90	907	131	906	144	927	67	977	72	972	49	979	74	943	69	892	96	850	1061	913
25	104	869	88	788	88	858	92	884	115	876	171	893	86	962	85	955	33	967	62	926	91	876	92	828	1107	892
24	91	843	87	766	106	832	74	860	123	850	149	853	93	943	106	936	50	960	75	912	87	854	89	807	1130	870
23	112	821	119	744	112	801	118	841	147	822	200	818	121	922	139	912	56	948	72	895	91	833	97	787	1384	847
22	129	793	134	715	150	767	130	810	153	789	208	770	156	895	150	880	93	935	98	879	97	812	105	765	1603	820
21	144	761	135	682	173	723	124	776	193	754	204	721	207	860	175	846	96	913	127	857	127	789	137	742	1842	788
20	113	725	110	648	121	672	129	744	149	710	215	673	186	814	173	806	106	891	114	828	107	759	115	711	1638	751
19	172	697	167	621	159	636	217	711	240	676	273	622	260	773	290	766	187	866	184	802	183	734	163	685	2495	718
18	149	654	123	580	144	589	192	654	188	621	240	558	249	715	221	700	172	822	186	760	148	690	120	648	2132	668
17	117	617	125	549	119	547	169	605	180	579	210	501	221	659	226	650	164	782	165	718	128	655	132	621	1956	626
16	164	587	146	518	135	512	187	561	229	538	189	451	267	610	235	598	197	743	216	681	162	625	134	591	2261	587
15	175	546	149	482	152	472	177	512	249	486	196	407	265	550	243	545	213	697	195	632	170	587	153	561	2337	542
14	153	503	129	445	126	427	181	466	229	429	189	361	262	491	202	489	213	647	189	588	118	546	130	526	2121	495
13	191	465	169	413	143	389	166	419	210	377	182	316	244	432	215	443	234	598	243	545	154	519	157	497	2308	453
12	228	417	203	371	134	347	194	376	262	329	193	273	239	378	256	394	287	543	278	490	209	482	192	461	2675	407
11	195	360	194	321	148	308	185	326	183	269	144	227	196	325	189	336	245	476	230	426	240	433	163	418	2312	353
10	191	312	180	273	139	264	139	278	142	228	133	193	185	281	178	293	223	418	207	374	241	376	221	381	2179	307
9	241	264	188	229	164	223	175	241	164	195	129	162	188	240	186	252	273	366	230	327	261	319	271	331	2470	264
8	211	204	187	182	144	174	185	196	131	158	119	131	198	198	167	210	309	302	261	275	265	257	287	270	2464	214
7	191	151	179	136	138	132	169	148	122	128	111	103	174	153	171	172	245	230	260	216	227	194	270	205	2257	165
6	172	104	173	91	147	91	166	104	156	100	90	77	173	115	196	133	276	173	269	157	243	141	283	144	2344	120
5	163	61	137	49	111	48	152	61	152	65	116	56	190	76	210	88	245	108	261	96	223	83	244	80	2204	73
4	64	20	44	15	32	15	51	22	84	30	76	28	94	33	124	40	142	51	104	37	88	31	76	25	979	29
3	13	4	14	4	15	5	25	8	39	11	33	10	44	13	42	12	63	18	46	13	36	10	30	8	400	10
2	4	1	1	*	3	1	7	2	9	2	9	3	12	3	10	2	13	3	9	3	5	1	4	1	86	2
1	-	-	-	-	-	-	-	-	1	*	1	*	-	-	-	-	-	-	3	1	-	-	-	-	5	*
0	-	-	-	-	-	-	-	-	-	-	1	*	-	-	-	-	-	-	-	-	-	-	-	-	1	*
MEAN		15.9		17.6		16.8		15.8		16.4		17.0		14.6		14.6		12.6		13.7		15.1		16.0		15.5
S.D.		8.4		9.5		8.2		7.5		7.5		6.8		6.1		6.4		6.0		7.0		8.6		9.7		7.8
TOTAL		4011		4038		3384		3851		4393		4233		4480		4385		4275		4408		4227		4426		50111
MAX		57.2		53.1		45.1		47.6		44.5		37.1		32.7		34.6		36.9		40.4		52.1		64.0		64.0
DATE	1997010103	2000022220		1999032423		1999040323		1998050115		1998061610		1999070112		2001082912		2000091316		1996102523		1998113013		2001120218		2001120218		2001120218
MIN		2.1		2.3		1.7		1.7		1.0		0.0		1.6		1.7		1.7		1.0		1.9		1.9		0.0
DATE	1997013023	1996020804		1997032010		1996042018		2000050209		1998062814		2000071310		2000080315		1998090615		1996100104		1999112701		2000122820		1998062814		
(* < 0.05%, # = 100.0%)																										

ELEMENT SUMMARY FOR STATION: PTAC1
(A) TOTAL STDMET RECORDS READ = 136887
(B) TOTAL CWINDD RECORDS READ = 305548
(C) TOTAL RECORDS USED IN STATS = 442435

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	130881	0	0	0	134762	135526	135424	50111	0	0	0	0
(E) ELEMENT OUT OF RANGE	6006	136887	136887	136887	2125	1361	1463	255437	136887	136887	136887	136887

STATION: PTAC1 -- POR (10/1984 - 12/2001)

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

ELEMENT: AIR TEMPERATURE (DEGREES C)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1984	MEAN	-	-	-	-	-	-	-	-	-	12.1	11.1	9.0	10.7
	MAXIMUM	-	-	-	-	-	-	-	-	-	17.0	14.7	18.4	18.4
	DAY-HR	-	-	-	-	-	-	-	-	-	08-18	11-06	09-21	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	5.8	3.2	2.4	2.4
	DAY-HR	-	-	-	-	-	-	-	-	-	18-12	26-08	19-15	DEC
	# OBS	-	-	-	-	-	-	-	-	-	652	714	742	2108
1985	MEAN	8.8	8.8	8.5	9.4	10.1	11.5	11.2	12.3	12.5	11.6	8.7	8.4	10.1
	MAXIMUM	16.0	13.1	14.0	12.4	14.9	16.6	15.3	18.0	17.8	18.7	12.3	13.1	18.7
	DAY-HR	06-18	27-16	11-00	02-16	02-19	07-18	02-01	19-00	11-23	04-15	16-19	19-20	OCT
	MINIMUM	3.0	1.8	2.8	6.4	5.1	7.4	9.1	8.8	8.6	4.8	0.9	1.1	0.9

	DAY-HR # OBS	02-15 741	10-13 669	26-06 737	30-08 714	08-13 734	02-13 719	03-15 166	28-10 741	11-13 718	09-14 743	12-15 719	12-13 741	NOV 8142
1986	MEAN	11.1	11.1	11.2	9.7	10.0	11.9	11.3	-	-	-	-	-	10.8
	MAXIMUM	18.3	18.7	17.2	13.9	14.0	15.3	13.4	-	-	-	-	-	18.7
	DAY-HR	13-03	27-01	20-01	19-22	31-21	16-15	07-01	-	-	-	-	-	FEB
	MINIMUM	4.6	2.0	3.6	3.9	6.8	8.2	8.3	-	-	-	-	-	2.0
	DAY-HR	11-16	09-14	14-15	30-12	21-13	23-14	06-12	-	-	-	-	-	FEB
	# OBS	743	666	739	718	737	719	212	-	-	-	-	-	4534
1987	MEAN	9.3	10.4	10.2	10.2	11.2	11.2	12.3	12.2	12.3	13.0	11.7	9.7	11.2
	MAXIMUM	13.4	22.1	17.3	14.0	15.4	16.1	15.8	16.8	16.3	24.6	16.6	14.8	24.6
	DAY-HR	20-19	07-20	30-22	01-07	14-01	02-22	19-23	23-00	07-20	06-04	19-20	04-21	OCT
	MINIMUM	-1.0	0.8	1.6	5.6	6.2	7.9	7.3	9.4	8.2	8.2	3.4	1.4	-1.0
	DAY-HR	16-15	25-13	22-14	13-13	02-13	12-11	07-18	06-14	28-15	15-13	26-13	30-13	JAN
	# OBS	739	668	744	720	741	711	743	744	683	741	718	744	8696
1988	MEAN	9.6	9.5	9.4	9.9	10.8	11.3	11.6	12.4	11.2	11.4	11.1	9.2	10.6
	MAXIMUM	15.3	15.0	12.9	14.9	14.6	14.8	14.6	16.7	15.1	18.5	15.4	15.7	18.5
	DAY-HR	22-20	26-20	21-23	09-23	16-00	10-00	25-00	05-23	14-00	04-21	05-23	03-09	OCT
	MINIMUM	1.3	1.6	2.7	4.8	6.4	5.9	8.9	9.8	6.8	8.0	4.2	1.5	1.3
	DAY-HR	12-15	03-15	11-14	23-09	08-13	06-13	19-08	31-13	12-13	31-15	18-15	29-15	JAN
	# OBS	743	694	744	719	742	719	742	741	718	744	719	740	8765
1989	MEAN	7.8	7.2	9.9	10.7	10.6	11.0	11.7	12.4	12.0	11.6	11.0	9.6	10.3
	MAXIMUM	13.8	14.0	13.4	15.5	15.6	14.3	13.6	16.6	16.4	18.0	18.7	14.9	18.7
	DAY-HR	19-21	22-04	10-23	18-16	03-23	23-21	18-01	22-23	29-22	10-00	19-20	01-23	NOV
	MINIMUM	1.1	-1.5	3.1	5.2	6.1	7.9	8.7	9.7	9.3	6.1	3.1	3.9	-1.5
	DAY-HR	14-16	05-15	04-08	24-10	19-13	23-12	23-07	16-13	14-14	28-14	27-14	16-13	FEB
	# OBS	744	669	736	718	736	547	451	586	448	739	717	739	7830
1990	MEAN	9.6	8.1	9.3	10.8	10.8	11.9	12.5	13.5	14.2	11.7	10.3	7.2	10.9
	MAXIMUM	12.7	14.4	13.1	14.1	14.1	16.2	17.2	18.8	18.1	16.7	15.3	14.6	18.8
	DAY-HR	25-00	23-17	06-21	10-22	31-23	02-23	19-00	27-21	15-01	04-17	12-19	07-19	AUG
	MINIMUM	3.4	0.4	3.2	5.8	7.6	6.9	9.0	10.1	10.0	6.9	4.4	-2.6	-2.6
	DAY-HR	04-15	18-15	13-14	02-10	01-13	01-13	10-13	11-09	13-14	21-12	28-15	22-06	DEC
	# OBS	352	668	741	715	738	716	741	741	716	743	720	743	8334
1991	MEAN	8.7	10.6	-	-	-	-	-	-	-	-	-	-	9.3
	MAXIMUM	17.0	13.9	-	-	-	-	-	-	-	-	-	-	17.0
	DAY-HR	21-20	01-20	-	-	-	-	-	-	-	-	-	-	JAN
	MINIMUM	2.4	6.6	-	-	-	-	-	-	-	-	-	-	2.4
	DAY-HR	05-15	06-14	-	-	-	-	-	-	-	-	-	-	JAN
	# OBS	743	328	-	-	-	-	-	-	-	-	-	-	1071
1992	MEAN	9.6	11.6	12.0	12.4	12.1	12.5	13.5	12.5	12.9	13.7	11.7	9.6	12.0
	MAXIMUM	14.5	17.5	15.0	17.5	16.5	18.4	18.2	17.3	17.2	19.6	16.7	15.6	19.6
	DAY-HR	30-23	26-00	20-19	29-20	20-00	26-21	19-22	12-19	30-22	10-23	25-19	03-20	OCT
	MINIMUM	2.9	4.9	6.7	4.8	8.0	9.0	9.7	9.2	8.7	8.8	4.2	1.4	1.4
	DAY-HR	12-11	02-15	07-15	23-12	12-09	13-13	09-10	24-13	15-12	15-13	11-10	19-15	DEC
	# OBS	737	685	737	719	742	715	741	741	714	741	714	739	8725
1993	MEAN	9.0	10.2	11.4	11.1	12.5	12.4	11.7	13.2	11.9	12.7	11.1	9.9	11.4
	MAXIMUM	15.3	19.8	15.9	14.3	17.7	18.9	15.4	17.1	16.4	21.8	20.5	18.1	21.8
	DAY-HR	30-17	04-19	16-21	08-01	29-22	06-01	28-22	31-17	01-00	27-18	26-19	24-19	OCT
	MINIMUM	1.6	2.4	4.8	5.0	7.1	9.5	8.5	10.0	7.0	6.2	2.4	3.1	1.6
	DAY-HR	11-08	26-15	01-14	12-12	12-10	05-13	10-09	29-08	25-15	20-11	24-14	20-14	JAN
	# OBS	738	636	728	717	711	710	740	732	717	743	716	744	8632
1994	MEAN	10.3	9.2	10.7	10.4	10.9	11.2	11.4	12.6	12.9	12.0	9.2	8.6	10.8
	MAXIMUM	15.5	15.4	16.8	14.9	15.3	14.6	15.9	15.8	18.6	18.8	13.1	12.9	18.8
	DAY-HR	18-21	01-19	12-17	23-01	03-23	10-00	24-23	26-22	28-20	04-19	23-20	18-20	OCT
	MINIMUM	4.1	3.5	2.9	5.5	7.7	9.0	8.4	9.4	9.2	5.4	1.8	1.3	1.3
	DAY-HR	28-14	22-15	23-05	07-14	16-13	22-12	06-13	25-12	06-12	16-15	19-14	08-15	DEC
	# OBS	741	651	736	719	737	694	721	734	709	729	711	740	8622
1995	MEAN	11.5	11.0	11.1	10.5	11.1	11.6	13.4	12.4	13.5	12.1	11.8	11.8	11.8
	MAXIMUM	14.8	16.6	15.7	14.0	14.1	14.5	18.4	16.8	17.5	21.0	15.2	16.0	21.0
	DAY-HR	02-20	03-23	29-22	11-21	01-22	09-22	21-21	29-01	23-19	14-17	25-19	12-16	OCT
	MINIMUM	3.5	3.7	3.8	5.1	7.9	8.4	9.8	10.0	10.3	5.2	5.9	5.5	3.5
	DAY-HR	17-13	16-14	07-14	16-14	12-13	08-14	28-11	09-14	08-16	24-15	24-13	21-11	JAN
	# OBS	740	668	740	711	738	716	741	740	715	736	710	741	8696
1996	MEAN	10.9	11.4	11.2	11.2	10.9	10.8	11.7	11.8	12.2	-	-	-	11.3
	MAXIMUM	15.8	18.6	18.7	15.3	15.2	14.1	15.8	17.7	14.1	-	-	-	18.7
	DAY-HR	02-19	13-20	07-19	23-21	14-05	29-01	15-22	25-20	01-01	-	-	-	MAR
	MINIMUM	3.1	2.0	4.5	4.9	5.2	8.6	9.5	8.9	10.8	-	-	-	2.0
	DAY-HR	26-10	25-15	24-14	18-07	05-13	03-13	02-13	16-12	02-05	-	-	-	FEB
	# OBS	737	693	740	736	737	715	839	790	33	-	-	-	6020
1997	MEAN	-	-	-	11.6	13.1	12.1	12.7	14.9	15.0	12.8	13.3	11.7	13.1
	MAXIMUM	-	-	-	18.3	24.2	16.2	15.1	20.4	20.1	18.4	19.6	16.6	24.2
	DAY-HR	-	-	-	16-20	17-21	01-01	29-22	26-01	10-23	03-22	04-21	05-00	MAY
	MINIMUM	-	-	-	9.5	7.5	9.7	9.8	10.9	11.2	7.5	6.7	4.1	4.1

	DAY-HR	-	-	-	28-13	02-11	29-13	13-10	08-09	30-04	25-10	12-14	25-08	DEC
	# OBS	-	-	-	325	734	715	731	739	716	734	704	737	6135
1998	MEAN	11.8	10.7	10.9	10.1	11.8	12.6	12.3	12.1	12.7	12.6	11.2	8.6	11.5
	MAXIMUM	15.1	14.4	14.3	13.4	15.5	15.6	17.4	15.6	16.8	18.1	14.8	14.0	18.1
	DAY-HR	09-21	03-02	23-12	30-23	24-02	01-21	29-21	01-01	13-23	21-14	25-22	16-21	OCT
	MINIMUM	4.0	3.6	4.1	2.9	6.1	9.8	9.4	9.9	9.0	6.7	4.9	-1.6	-1.6
	DAY-HR	05-16	20-15	07-11	14-14	17-13	18-11	06-08	28-15	23-12	31-11	12-12	21-16	DEC
	# OBS	717	667	711	691	707	690	722	776	699	738	695	736	8549
1999	MEAN	9.7	9.2	8.8	9.3	9.6	10.6	11.5	13.5	12.3	11.9	12.1	9.9	10.7
	MAXIMUM	14.6	12.7	12.8	16.1	12.2	14.3	16.0	17.3	21.0	20.5	17.2	19.8	21.0
	DAY-HR	04-08	12-18	21-01	15-21	22-19	22-22	12-22	08-01	29-07	17-18	11-18	22-22	SEP
	MINIMUM	2.0	2.1	3.1	3.2	7.5	8.3	8.8	10.6	9.1	6.5	6.4	2.8	2.0
	DAY-HR	24-12	05-16	12-13	06-14	15-13	12-09	10-16	26-18	28-14	16-10	23-10	08-13	JAN
	# OBS	739	660	717	719	743	719	739	741	715	739	707	743	8681
2000	MEAN	10.2	10.9	9.6	11.0	11.4	11.7	11.9	12.4	13.5	11.8	9.7	10.4	11.2
	MAXIMUM	18.2	18.6	13.5	20.9	14.4	15.6	14.4	16.4	18.0	18.2	15.2	19.1	20.9
	DAY-HR	15-21	03-02	31-21	01-12	09-00	15-00	08-03	10-00	19-22	23-23	03-20	06-21	APR
	MINIMUM	4.0	2.6	4.2	6.1	5.5	8.1	9.8	9.5	7.0	7.0	2.3	4.2	2.3
	DAY-HR	12-14	24-12	08-10	19-13	11-13	01-10	14-14	03-07	12-13	27-15	10-15	29-14	NOV
	# OBS	739	692	742	703	731	711	742	742	720	732	716	744	8714
2001	MEAN	9.3	9.1	10.2	9.1	10.8	11.3	11.6	12.5	12.0	11.8	11.4	10.5	10.8
	MAXIMUM	15.3	13.3	13.8	13.7	15.4	16.1	14.5	17.8	16.0	19.1	17.1	15.9	19.1
	DAY-HR	03-21	28-23	01-00	16-21	31-01	01-01	12-21	10-23	24-17	15-22	19-20	29-23	OCT
	MINIMUM	1.8	2.7	3.8	2.2	5.9	9.1	8.7	10.0	8.7	7.1	5.3	3.8	1.8
	DAY-HR	17-13	12-12	03-09	04-14	03-13	06-14	08-07	19-17	22-11	20-14	27-12	15-13	JAN
	# OBS	744	671	740	717	744	718	742	630	717	743	718	743	8627
POR	MEAN	9.8	9.9	10.3	10.4	11.1	11.6	12.1	12.7	12.8	12.2	11.0	9.6	11.1
	MAXIMUM	18.3	22.1	18.7	20.9	24.2	18.9	18.4	20.4	21.0	24.6	20.5	19.8	24.6
	YEAR	1986	1987	1996	2000	1997	1993	1995	1997	1999	1987	1993	1999	OCT/1987
	MINIMUM	-1.0	-1.5	1.6	2.2	5.1	5.9	7.3	8.8	6.8	4.8	0.9	-2.6	-2.6
	YEAR	1987	1989	1987	2001	1985	1988	1987	1985	1988	1985	1985	1990	DEC/1990
	# OBS	11437	10385	11032	11061	11752	11234	10513	10918	9738	10997	10698	11116	130881

STATION: PTAC1 -- POR (10/1984 - 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
1984	MEAN	-	-	-	-	-	-	-	-	-	1018.3	1017.2	1017.1	1017.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	1026.7	1026.5	1028.8	1028.8
	DAY-HR	-	-	-	-	-	-	-	-	-	18-18	29-19	22-10	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	999.6	997.8	1006.6	997.8
	DAY-HR	-	-	-	-	-	-	-	-	-	16-23	13-05	15-21	NOV
	# OBS	-	-	-	-	-	-	-	-	-	652	714	742	2108
1985	MEAN	1021.9	1020.6	1019.7	1018.4	1016.9	1015.6	1019.0	1017.0	1014.8	1016.2	1017.0	1021.7	1018.2
	MAXIMUM	1028.9	1029.0	1031.3	1027.3	1024.1	1021.6	1022.9	1021.1	1022.4	1022.0	1029.4	1029.4	1031.3
	DAY-HR	02-19	10-19	30-18	23-21	03-19	30-22	02-20	27-17	12-17	24-18	19-18	13-18	MAR
	MINIMUM	1012.8	1009.1	1004.3	1009.1	1009.0	1008.5	1014.3	1013.7	1007.5	1002.3	994.4	996.6	994.4
	DAY-HR	07-13	08-08	26-22	21-03	15-13	16-11	06-12	24-12	18-10	21-01	29-12	02-11	NOV
	# OBS	741	669	737	714	734	719	166	441	718	743	719	741	7842
1986	MEAN	1018.9	1015.3	1016.7	1018.4	1015.9	1015.4	1015.8	-	-	-	-	-	1016.7
	MAXIMUM	1030.2	1028.1	1028.5	1026.9	1022.2	1024.1	1019.4	-	-	-	-	-	1030.2
	DAY-HR	06-17	22-18	21-17	17-19	22-05	18-20	09-19	-	-	-	-	-	JAN
	MINIMUM	1000.5	990.4	997.1	1009.1	1010.7	1009.1	1010.4	-	-	-	-	-	990.4
	DAY-HR	31-14	14-21	10-11	05-12	29-11	26-10	05-11	-	-	-	-	-	FEB
	# OBS	743	667	740	718	737	719	212	-	-	-	-	-	4536
1987	MEAN	1020.3	1017.2	1016.6	1017.8	1014.5	-	1014.2	1014.8	1016.4	1016.9	1019.9	1018.7	1017.1
	MAXIMUM	1031.0	1026.6	1023.0	1025.3	1022.9	-	1019.3	1020.2	1021.8	1025.8	1029.1	1030.2	1031.0
	DAY-HR	13-17	17-19	26-18	08-16	02-19	-	22-20	23-19	10-17	25-17	25-17	31-18	JAN
	MINIMUM	1008.8	1001.6	1005.9	1009.5	1009.7	-	1009.2	1008.5	1010.0	1010.3	1010.3	996.7	996.7
	DAY-HR	27-23	24-04	05-01	30-04	18-02	-	16-11	14-12	13-01	23-02	05-10	16-08	DEC
	# OBS	739	668	744	720	485	-	582	744	683	741	718	744	7568
1988	MEAN	1020.9	1021.8	1022.9	1016.3	1018.4	1016.0	1015.6	1013.3	1014.7	1017.0	1019.3	1021.2	1018.1
	MAXIMUM	1032.4	1031.0	1032.9	1027.7	1030.4	1021.5	1020.4	1019.5	1024.8	1025.3	1029.2	1030.1	1032.9
	DAY-HR	20-19	09-19	09-19	30-22	01-19	08-18	12-21	24-19	08-19	28-19	29-18	29-18	MAR
	MINIMUM	995.6	1011.0	1012.8	1002.9	1011.3	1010.0	1011.2	1005.6	1007.5	1010.9	1005.2	1001.8	995.6
	DAY-HR	17-13	28-08	15-14	20-02	29-01	25-01	10-12	31-01	21-03	27-11	25-04	24-12	JAN
	# OBS	743	694	744	719	742	719	742	741	718	744	719	740	8765

1989	MEAN	1023.5	1021.9	1018.0	1017.1	1018.0	1015.4	1017.8	1014.6	1014.6	1017.8	1019.7	1022.3	1018.7
	MAXIMUM	1034.1	1030.8	1027.8	1029.0	1024.3	1020.7	1022.2	1019.7	1021.9	1024.8	1028.3	1030.4	1034.1
	DAY-HR	11-18	11-06	13-19	03-19	24-07	12-17	16-22	12-21	30-19	28-05	27-10	22-18	JAN
	MINIMUM	1010.3	1012.6	999.6	1008.9	1010.4	1003.3	1011.5	1008.6	1009.5	1006.7	1005.5	1012.7	999.6
	DAY-HR	23-06	28-12	02-12	09-13	09-13	23-11	22-10	17-09	07-02	23-10	25-17	17-23	MAR
	# OBS	744	669	737	718	736	545	451	586	448	739	717	739	7829
1990	MEAN	1023.3	1022.2	1019.6	1017.7	1015.3	1016.9	1015.1	1016.0	1016.2	1017.9	1021.6	1021.9	1018.4
	MAXIMUM	1032.4	1030.1	1028.2	1026.2	1020.6	1022.8	1019.1	1020.4	1021.2	1023.9	1029.5	1030.9	1032.4
	DAY-HR	04-19	10-07	13-19	09-18	24-18	03-22	17-20	30-19	07-19	09-17	22-18	02-16	JAN
	MINIMUM	1006.1	1005.6	1011.6	1007.8	1006.0	1009.7	1007.8	1011.1	1008.3	1013.2	1011.6	1007.2	1005.6
	DAY-HR	30-22	16-15	11-02	16-12	28-08	21-11	15-11	24-09	21-01	04-01	19-14	19-16	FEB
	# OBS	352	668	741	715	738	716	741	741	716	743	720	743	8334
1991	MEAN	1021.8	1021.1	-	-	-	-	-	-	-	-	-	-	1021.6
	MAXIMUM	1031.7	1026.6	-	-	-	-	-	-	-	-	-	-	1031.7
	DAY-HR	13-18	03-18	-	-	-	-	-	-	-	-	-	-	JAN
	MINIMUM	1011.1	1011.2	-	-	-	-	-	-	-	-	-	-	1011.1
	DAY-HR	09-09	02-11	-	-	-	-	-	-	-	-	-	-	JAN
	# OBS	743	328	-	-	-	-	-	-	-	-	-	-	1071
1992	MEAN	1019.4	1014.9	1014.3	1018.0	1015.1	1013.6	1015.8	1016.3	1014.8	1015.4	1021.3	1017.1	1016.3
	MAXIMUM	1027.9	1029.5	1025.0	1023.8	1021.9	1024.0	1019.7	1021.9	1020.5	1023.2	1031.8	1028.3	1031.8
	DAY-HR	23-17	22-18	10-19	17-22	07-19	13-05	19-08	27-18	04-14	22-19	27-18	23-18	NOV
	MINIMUM	994.9	996.2	1004.7	1009.9	1009.6	1006.0	1010.1	1009.4	1008.6	1000.8	1013.8	997.8	994.9
	DAY-HR	05-04	10-01	01-08	12-10	28-02	06-10	03-19	24-12	14-11	29-14	22-07	28-23	JAN
	# OBS	738	686	737	719	742	715	741	741	714	741	711	738	8723
1993	MEAN	1015.0	1014.0	1019.9	1020.1	1015.0	1015.2	1014.9	1014.5	1015.5	1016.9	1019.0	1020.5	1016.7
	MAXIMUM	1030.3	1025.8	1031.0	1025.7	1023.4	1021.8	1020.0	1020.7	1021.2	1022.4	1027.4	1031.2	1031.2
	DAY-HR	22-19	01-18	04-19	29-19	07-07	07-20	30-21	10-21	27-17	20-18	19-18	02-18	DEC
	MINIMUM	996.2	985.9	1009.3	1012.7	1009.1	1007.1	1007.6	1009.2	1006.7	1009.8	1008.9	1002.6	985.9
	DAY-HR	07-05	20-00	26-13	17-13	27-12	05-11	04-11	30-00	13-12	29-12	12-10	11-15	FEB
	# OBS	738	636	728	717	710	710	740	732	717	743	716	743	8630
1994	MEAN	1021.6	1017.4	1018.9	1018.1	1016.2	1017.2	1015.0	1015.6	1015.7	1015.3	1019.4	1019.1	1017.5
	MAXIMUM	1029.6	1030.5	1028.5	1023.6	1021.0	1022.2	1020.6	1021.0	1021.3	1023.5	1028.9	1031.4	1031.4
	DAY-HR	29-23	12-19	12-19	30-05	02-04	23-20	24-20	28-20	14-19	31-16	22-19	08-17	DEC
	MINIMUM	1007.9	994.2	1001.7	1006.6	1010.2	1011.2	1010.2	1011.0	1011.1	1002.1	1005.1	1006.0	994.2
	DAY-HR	23-10	17-08	24-13	23-18	30-22	10-13	08-11	08-07	30-23	04-18	09-13	24-07	FEB
	# OBS	741	650	737	719	736	677	718	734	709	729	711	740	8601
1995	MEAN	1012.2	1019.1	1014.8	1017.3	1014.9	1015.7	1015.6	1012.7	1015.1	1016.2	1020.4	1019.0	1016.0
	MAXIMUM	1025.5	1029.2	1025.9	1027.1	1021.8	1023.8	1020.5	1018.7	1020.8	1022.6	1027.9	1026.9	1029.2
	DAY-HR	31-19	18-17	19-07	09-14	10-06	05-22	12-21	29-19	05-18	20-19	26-18	28-18	FEB
	MINIMUM	995.6	1005.3	991.8	1007.6	1001.8	1006.9	1008.4	1005.6	1010.5	1008.9	1011.8	992.6	991.8
	DAY-HR	10-08	14-01	10-17	27-13	13-13	26-03	31-12	09-12	08-13	28-23	01-02	12-11	MAR
	# OBS	740	668	740	711	738	716	741	740	715	736	710	741	8696
1996	MEAN	1018.9	1015.6	1017.5	1019.3	1016.5	1015.8	1014.6	1014.9	1013.9	1017.0	1018.7	1016.8	1016.6
	MAXIMUM	1027.3	1028.9	1026.1	1027.1	1022.9	1021.9	1021.6	1020.0	1020.4	1025.9	1027.8	1030.5	1030.5
	DAY-HR	10-19	06-18	01-18	19-06	11-00	17-20	18-21	20-21	28-19	21-19	25-18	24-08	DEC
	MINIMUM	1000.9	1000.6	1000.6	1005.8	1005.6	1008.1	1009.1	1009.9	1008.3	1006.6	1000.9	997.1	997.1
	DAY-HR	31-14	20-00	05-00	01-15	16-12	26-13	09-03	26-13	02-02	29-23	22-12	10-10	DEC
	# OBS	737	693	740	736	737	715	839	790	685	733	693	735	8833
1997	MEAN	1018.0	1021.6	1020.4	1018.7	1016.2	1013.6	1014.3	1015.1	1012.8	1016.4	1013.7	1018.9	1016.6
	MAXIMUM	1030.8	1029.4	1027.6	1027.7	1022.7	1019.4	1020.6	1021.2	1022.6	1025.3	1025.8	1033.9	1033.9
	DAY-HR	06-18	13-19	09-19	01-06	05-21	30-23	01-06	22-19	27-05	31-20	20-18	10-18	DEC
	MINIMUM	1002.5	1006.2	1008.4	1010.5	1009.2	1005.5	1010.1	1008.6	1004.4	1008.6	989.4	999.8	989.4
	DAY-HR	26-03	28-00	16-15	04-23	18-09	14-12	26-13	09-12	24-23	02-00	26-15	07-12	NOV
	# OBS	740	657	741	706	733	715	731	740	716	734	704	737	8654
1998	MEAN	1014.2	1010.1	1015.2	1016.9	1015.5	1015.0	1015.1	1014.8	1011.1	1016.3	1017.7	1023.8	1015.5
	MAXIMUM	1023.5	1025.4	1024.7	1025.4	1023.9	1023.4	1019.6	1018.9	1020.7	1021.7	1026.5	1034.0	1034.0
	DAY-HR	06-06	28-19	09-20	17-21	17-21	13-22	11-21	01-20	18-19	08-20	19-18	24-18	DEC
	MINIMUM	998.9	984.1	1003.4	1004.7	1001.7	1009.6	1011.5	1009.2	1002.9	1010.3	1001.2	1007.8	984.1
	DAY-HR	29-06	03-05	25-03	01-03	12-13	11-12	19-11	24-13	03-03	26-23	30-12	01-00	FEB
	# OBS	717	667	711	692	705	689	724	776	699	740	696	736	8552
1999	MEAN	1020.0	1021.0	1016.9	1017.6	1017.8	1015.3	1015.7	1015.1	1012.7	1017.4	1019.0	1024.5	1017.7
	MAXIMUM	1029.2	1032.0	1027.5	1030.2	1023.9	1021.6	1021.5	1020.8	1018.4	1026.1	1032.0	1032.2	1032.2
	DAY-HR	28-07	10-20	28-18	09-19	07-19	13-05	23-21	03-20	25-19	29-04	24-19	24-16	DEC
	MINIMUM	1005.6	1002.2	1005.5	1003.7	1010.0	1008.1	1008.5	1007.8	1008.9	1009.5	1003.7	1015.8	1002.2
	DAY-HR	31-09	09-09	24-22	11-09	22-18	22-12	02-12	27-02	16-03	02-03	07-22	31-22	FEB
	# OBS	739	660	717	719	743	719	739	741	715	739	707	743	8681
2000	MEAN	1020.6	1015.2	1018.8	1018.3	1016.8	1014.5	1016.3	1015.1	1013.4	1014.8	1019.9	1021.1	1017.1
	MAXIMUM	1031.8	1028.0	1029.0	1025.4	1025.0	1021.9	1022.6	1020.2	1020.7	1025.3	1028.0	1031.8	1031.8
	DAY-HR	03-19	01-19	11-16	23-22	11-19	12-22	18-21	19-22	05-20	13-18	23-18	16-05	DEC
	MINIMUM	1004.4	997.7	998.0	1006.0	1008.8	1004.4	1012.2	1008.4	1003.6	1005.7	1008.7	1013.2	997.7
	DAY-HR	16-06	20-21	05-22	17-09	14-16	17-07	10-04	28-04	22-06	26-11	29-11	11-23	FEB
	# OBS	739	692	742	703	731	711	743	742	720	732	717	742	8714

2001	MEAN	1019.1	1015.6	1017.4	1018.2	1016.0	1016.2	1014.6	1015.7	1013.9	1016.7	1017.1	1018.5	1016.6
	MAXIMUM	1029.3	1030.4	1025.0	1027.2	1023.5	1022.7	1019.5	1019.5	1017.3	1021.7	1024.8	1030.8	1030.8
	DAY-HR	17-20	02-19	26-20	22-22	01-05	28-20	12-19	10-20	21-18	11-20	26-19	07-05	DEC
	MINIMUM	995.3	1001.2	996.5	1008.9	1010.1	1009.7	1009.5	1007.8	1009.1	1009.3	990.6	999.3	990.6
	DAY-HR	10-23	24-15	04-22	21-00	11-03	01-11	25-04	29-12	30-12	01-00	24-14	20-22	NOV
	# OBS	744	671	739	717	744	718	742	629	717	743	718	743	8625
POR	MEAN	1019.3	1017.8	1018.0	1018.0	1016.2	1015.4	1015.3	1015.0	1014.4	1016.6	1018.8	1020.1	1017.2
	MAXIMUM	1034.1	1032.0	1032.9	1030.2	1030.4	1024.1	1022.9	1021.9	1024.8	1026.7	1032.0	1034.0	1034.1
	YEAR	1989	1999	1988	1999	1988	1986	1985	1992	1988	1984	1999	1998	JAN/1989
	MINIMUM	994.9	984.1	991.8	1002.9	1001.7	1003.3	1007.6	1005.6	1002.9	999.6	989.4	992.6	984.1
	YEAR	1992	1998	1995	1988	1998	1989	1993	1995	1998	1984	1997	1995	FEB/1998
	# OBS	12178	11043	11775	11443	11491	10503	10352	10618	10390	11732	11390	11847	134762

STATION: PTAC1 -- POR (10/1984 - 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
1984	MEAN	-	-	-	-	-	-	-	-	-	9.5	11.1	8.6	9.7
	MAXIMUM	-	-	-	-	-	-	-	-	-	28.0	36.2	28.0	36.2
	DAY-HR	-	-	-	-	-	-	-	-	-	14-04	27-17	12-17	NOV
	MINIMUM	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	-	-	-	-	-	30-06	30-01	31-20	DEC
	# OBS	-	-	-	-	-	-	-	-	-	652	714	740	2106
1985	MEAN	6.4	10.5	10.5	10.3	8.8	8.8	9.1	8.3	5.9	8.5	8.9	5.2	8.4
	MAXIMUM	30.1	32.1	34.0	29.0	22.0	23.1	18.1	20.0	20.0	26.0	26.0	33.0	34.0
	DAY-HR	31-04	21-02	02-13	25-03	14-10	20-21	05-03	08-06	19-19	20-22	29-12	02-11	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	28-08	28-05	28-12	20-16	31-23	24-10	02-12	28-18	30-03	29-15	30-21	31-23	DEC
	# OBS	738	669	736	714	734	719	166	741	716	742	716	741	8132
1986	MEAN	8.4	12.0	9.1	10.9	10.9	9.0	10.1	-	-	-	-	-	10.0
	MAXIMUM	27.0	46.1	31.1	27.0	26.0	29.0	23.1	-	-	-	-	-	46.1
	DAY-HR	30-02	14-22	18-00	23-02	11-00	10-23	05-06	-	-	-	-	-	FEB
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	0.0
	DAY-HR	28-12	23-03	31-23	16-14	31-20	27-06	07-20	-	-	-	-	-	JUL
	# OBS	741	639	739	718	737	719	212	-	-	-	-	-	4505
1987	MEAN	9.0	10.7	11.4	9.3	9.7	10.4	10.3	6.9	7.9	5.9	8.6	12.4	9.4
	MAXIMUM	33.0	33.0	32.1	25.1	23.1	28.0	27.0	23.1	22.0	21.0	26.0	35.0	35.0
	DAY-HR	15-04	23-00	05-05	19-03	16-09	03-20	16-23	14-13	16-00	06-21	25-01	06-09	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	28-03	25-18	31-22	29-10	22-07	29-17	24-00	30-01	30-16	29-17	30-17	30-06	DEC
	# OBS	732	668	744	720	741	711	743	744	683	741	718	744	8689
1988	MEAN	8.6	8.3	10.1	8.0	9.9	10.4	9.7	7.1	8.5	7.2	7.7	8.2	8.6
	MAXIMUM	29.0	26.0	37.1	32.1	24.1	29.0	23.1	20.0	24.1	26.0	22.0	32.1	37.1
	DAY-HR	18-01	18-07	27-10	08-01	04-03	29-01	10-06	18-10	21-03	13-22	22-01	15-00	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	31-18	27-23	31-13	29-13	28-10	21-07	31-09	31-12	30-12	31-16	30-10	29-18	DEC
	# OBS	743	694	744	719	742	719	742	741	718	744	719	740	8765
1989	MEAN	7.6	7.8	10.8	7.7	10.3	9.7	12.7	8.4	6.2	8.3	6.6	5.2	8.4
	MAXIMUM	27.0	25.1	30.1	23.1	24.1	27.0	26.4	22.6	18.5	36.2	31.9	27.8	36.2
	DAY-HR	10-19	28-07	09-13	12-21	12-01	23-20	18-03	15-01	07-10	23-09	25-17	29-00	OCT
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	31-12	24-10	31-02	30-17	28-17	23-13	22-16	29-19	30-16	30-21	29-12	27-08	DEC
	# OBS	743	669	738	718	737	547	451	586	448	739	717	739	7832
1990	MEAN	10.2	8.6	8.6	9.5	11.1	9.5	8.0	8.4	8.4	9.3	8.5	9.2	9.1
	MAXIMUM	24.9	32.7	28.6	25.9	24.7	25.1	23.5	26.0	25.5	26.2	26.0	31.7	32.7
	DAY-HR	30-08	12-10	05-03	29-22	27-06	21-20	15-19	26-20	21-22	04-20	26-03	20-00	FEB
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	29-17	28-17	30-09	22-16	31-23	21-11	30-17	28-13	25-17	31-10	22-17	31-20	DEC
	# OBS	353	667	741	715	737	716	741	741	717	743	720	742	8333
1991	MEAN	7.1	9.3	-	-	-	-	-	-	-	-	-	-	7.8
	MAXIMUM	24.1	31.9	-	-	-	-	-	-	-	-	-	-	31.9
	DAY-HR	30-21	02-06	-	-	-	-	-	-	-	-	-	-	FEB
	MINIMUM	0.0	0.0	-	-	-	-	-	-	-	-	-	-	0.0
	DAY-HR	26-18	14-11	-	-	-	-	-	-	-	-	-	-	FEB
	# OBS	743	328	-	-	-	-	-	-	-	-	-	-	1071
1992	MEAN	8.8	10.5	10.1	10.5	10.3	9.7	7.6	9.3	9.5	7.3	9.0	10.6	9.4
	MAXIMUM	40.4	35.6	31.9	26.2	27.2	30.7	22.6	19.4	24.9	22.4	25.1	31.1	40.4
	DAY-HR	05-04	14-11	15-10	21-02	09-01	21-22	23-11	17-01	25-15	29-12	22-17	28-08	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	29-11	29-05	24-11	28-14	24-12	27-16	30-09	30-08	29-01	30-15	30-23	26-22	DEC
	# OBS	739	686	737	719	742	715	741	741	714	740	715	739	8728
1993	MEAN	9.5	10.7	8.9	8.4	11.3	12.6	11.2	10.5	9.7	8.0	9.2	9.6	10.0
	MAXIMUM	30.3	62.0	27.2	25.1	27.4	25.7	24.3	27.6	22.4	22.7	27.2	36.5	62.0
	DAY-HR	22-05	20-00	16-23	11-23	01-02	23-23	13-11	25-05	11-07	10-01	14-05	13-23	FEB
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	27-18	28-02	31-04	25-06	12-04	04-02	26-06	30-11	26-15	28-01	21-19	02-03	DEC
	# OBS	737	637	728	717	711	711	740	734	717	743	716	744	8635
1994	MEAN	8.8	9.4	8.6	10.9	10.8	11.6	10.1	12.2	7.9	9.4	10.6	9.3	10.0
	MAXIMUM	30.9	37.5	25.5	27.2	24.1	25.3	24.9	24.9	19.6	26.4	32.3	28.8	37.5
	DAY-HR	24-05	17-07	24-02	24-08	26-09	26-12	13-11	20-08	01-04	13-12	25-18	24-00	FEB
	MINIMUM	0.0	0.6	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
	DAY-HR	26-23	15-05	13-13	11-14	06-03	04-15	31-14	25-10	29-09	27-11	30-17	10-00	NOV
	# OBS	741	650	738	718	738	693	724	734	709	729	712	740	8626
1995	MEAN	14.3	6.9	11.3	10.8	10.1	11.4	8.1	9.3	9.1	9.1	7.5	9.7	9.8
	MAXIMUM	39.9	19.4	38.3	28.6	28.0	28.6	27.2	24.3	20.0	25.9	31.3	43.7	43.7
	DAY-HR	09-15	15-10	22-06	18-23	01-06	26-19	17-00	08-01	30-23	21-21	21-05	12-11	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0
	DAY-HR	23-13	24-18	30-16	28-09	31-15	29-00	28-06	22-10	22-08	16-09	25-14	27-07	DEC
	# OBS	740	668	740	708	738	716	741	740	715	736	710	741	8693
1996	MEAN	9.8	10.4	10.7	9.5	12.0	13.4	9.0	11.0	9.1	8.7	10.7	12.0	10.5
	MAXIMUM	32.5	29.7	31.1	28.4	27.6	24.1	23.1	24.3	22.6	25.3	35.2	36.7	36.7
	DAY-HR	17-01	21-06	13-14	16-08	17-17	11-09	09-07	11-07	18-07	26-05	19-15	29-10	DEC
	MINIMUM	0.0	0.0	0.4	0.0	0.0	1.4	0.0	0.2	0.2	0.0	0.0	0.0	0.0
	DAY-HR	11-21	07-23	24-13	22-04	16-11	27-04	23-11	15-16	27-05	13-03	24-02	25-17	DEC
	# OBS	737	693	740	736	737	711	839	790	716	733	693	735	8860
1997	MEAN	9.5	10.4	11.4	10.2	8.3	12.9	10.5	7.4	7.9	9.3	9.9	12.0	9.9
	MAXIMUM	39.3	27.2	23.5	26.4	21.2	26.0	24.9	22.7	23.3	26.2	34.6	30.9	39.3
	DAY-HR	01-03	26-16	17-21	18-20	01-07	13-03	08-07	07-07	27-09	06-19	26-17	22-02	JAN
	MINIMUM	0.0	0.0	0.2	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	29-12	06-17	05-10	30-18	26-15	15-21	24-13	18-15	26-01	31-11	21-19	30-21	DEC
	# OBS	740	657	453	325	734	716	731	740	716	734	704	737	7987
1998	MEAN	11.7	12.8	11.3	10.5	9.8	8.9	10.5	10.9	8.3	9.2	9.3	9.5	10.2
	MAXIMUM	33.0	36.4	28.8	27.4	32.7	28.6	21.4	24.7	24.1	24.7	36.2	33.2	36.4
	DAY-HR	29-06	07-17	29-00	12-01	01-11	16-10	19-06	16-12	19-15	16-03	30-11	20-18	FEB
	MINIMUM	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
	DAY-HR	15-05	27-02	10-16	02-16	05-07	07-03	26-02	25-16	13-09	01-09	22-04	10-05	OCT
	# OBS	717	667	711	692	707	690	722	774	704	735	693	736	8548
1999	MEAN	9.3	10.4	10.8	12.2	13.7	12.4	9.7	9.7	8.8	8.5	10.8	9.6	10.5
	MAXIMUM	29.4	28.2	30.9	30.1	29.7	23.9	25.1	24.3	26.6	22.2	33.6	25.1	33.6
	DAY-HR	30-22	09-12	24-17	03-13	23-01	27-10	01-10	31-11	27-00	28-02	07-22	03-00	NOV
	MINIMUM	0.0	0.2	1.0	0.4	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0
	DAY-HR	11-10	22-11	19-15	25-15	31-06	12-12	28-04	27-15	30-14	27-04	27-01	06-20	DEC
	# OBS	738	660	717	719	743	719	738	741	715	739	707	743	8679
2000	MEAN	10.2	11.3	11.1	9.2	11.6	9.1	10.7	10.3	7.7	9.2	7.5	6.3	9.5
	MAXIMUM	31.9	40.4	29.0	25.3	27.6	24.1	21.0	24.7	24.3	26.2	29.5	20.0	40.4
	DAY-HR	16-06	22-20	06-06	16-20	31-00	13-10	02-10	17-15	20-22	22-03	29-11	17-04	FEB
	MINIMUM	0.4	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.4	0.2	0.0	0.0
	DAY-HR	12-04	09-10	25-17	07-11	08-14	18-12	13-10	08-01	20-13	29-17	09-16	07-23	DEC
	# OBS	739	692	742	703	731	711	741	741	720	729	717	744	8710
2001	MEAN	9.7	12.1	12.3	10.4	11.4	13.9	10.1	11.9	9.3	10.0	10.7	12.4	11.2
	MAXIMUM	39.1	30.5	33.4	23.7	31.1	27.6	23.7	27.0	25.5	26.4	33.4	32.5	39.1
	DAY-HR	10-19	07-01	04-19	16-21	02-01	18-10	14-09	28-10	08-18	30-13	24-15	10-13	JAN
	MINIMUM	0.2	0.0	0.0	0.2	0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.6	0.0
	DAY-HR	18-18	27-03	25-16	09-04	15-00	26-03	12-09	22-15	24-04	28-07	22-17	26-10	NOV
	# OBS	744	671	740	715	744	718	742	631	718	743	718	743	8627
POR	MEAN	9.3	10.1	10.4	9.9	10.6	10.9	9.8	9.4	8.3	8.6	9.2	9.4	9.7
	MAXIMUM	40.4	62.0	38.3	32.1	32.7	30.7	27.2	27.6	26.6	36.2	36.2	43.7	62.0
	YEAR	1992	1993	1995	1988	1998	1992	1995	1993	1999	1989	1998	1995	FEB/1993
	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	1999	2001	2001	2000	2000	2000	2001	2001	2001	2001	2000	2000	NOV/2001
	# OBS	12165	11015	11488	11056	11753	11231	10514	10919	10426	11722	11389	11848	135526

STATION: PTAC1 -- POR (10/1984 - 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
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1984	MEAN	-	-	-	-	-	-	-	-	-	12.1	14.2	11.1	12.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	36.2	49.2	34.0	49.2
	DAY-HR	-	-	-	-	-	-	-	-	-	17-01	27-17	13-03	NOV
	# OBS	-	-	-	-	-	-	-	-	-	643	713	740	2096
1985	MEAN	8.1	13.4	13.6	13.0	11.2	11.1	11.6	10.4	7.5	10.8	11.5	6.8	10.7
	MAXIMUM	34.0	39.1	43.2	35.0	26.0	30.1	23.1	24.1	23.1	34.0	31.1	44.1	44.1
	DAY-HR	31-04	21-02	02-19	26-03	16-22	16-01	04-23	08-23	23-14	20-22	02-02	02-09	DEC
	# OBS	738	669	734	714	734	719	166	741	716	742	716	741	8130
1986	MEAN	10.7	15.0	11.6	13.9	13.6	11.1	12.6	-	-	-	-	-	12.6
	MAXIMUM	35.0	64.2	48.0	33.0	30.1	33.0	26.0	-	-	-	-	-	64.2
	DAY-HR	30-01	14-22	10-00	23-02	11-00	10-19	05-06	-	-	-	-	-	FEB
	# OBS	741	637	739	718	735	719	212	-	-	-	-	-	4501
1987	MEAN	11.5	13.6	14.7	11.9	12.4	12.9	12.8	8.5	10.0	7.4	11.0	15.9	11.9
	MAXIMUM	42.0	40.0	46.1	36.2	30.1	30.1	35.0	28.0	25.1	23.1	32.1	49.2	49.2
	DAY-HR	15-04	23-07	05-02	18-06	16-09	03-20	17-01	14-13	04-20	06-21	30-13	06-09	DEC
	# OBS	732	668	744	720	741	711	743	744	683	741	718	744	8689
1988	MEAN	11.1	10.8	13.1	10.1	12.4	13.0	11.9	9.1	10.7	9.1	9.9	10.6	11.0
	MAXIMUM	40.0	32.1	42.0	39.1	31.1	34.0	30.1	26.0	29.0	35.0	32.1	41.0	42.0
	DAY-HR	18-00	18-07	27-10	07-22	01-01	29-02	02-06	18-10	08-19	13-21	21-22	24-09	MAR
	# OBS	743	694	744	719	742	719	742	741	718	744	719	740	8765
1989	MEAN	9.9	10.1	13.7	9.6	13.2	12.1	15.7	10.5	8.0	10.5	8.4	6.7	10.6
	MAXIMUM	34.0	31.1	40.0	26.0	29.0	34.0	29.4	27.2	21.2	48.6	39.3	32.5	48.6
	DAY-HR	10-19	28-07	09-13	12-21	28-04	23-18	18-03	15-01	07-10	23-09	25-17	29-00	OCT
	# OBS	743	669	737	718	736	544	451	586	448	739	717	739	7827
1990	MEAN	13.1	11.1	11.2	12.1	14.0	11.7	9.9	10.4	10.2	11.7	10.7	11.5	11.4
	MAXIMUM	31.1	39.1	33.2	32.1	32.5	29.0	26.2	34.6	30.7	32.5	35.2	38.9	39.1
	DAY-HR	02-03	12-10	05-03	30-01	22-19	13-03	15-19	26-20	21-17	03-04	26-02	19-20	FEB
	# OBS	351	668	741	715	737	716	741	740	715	743	720	742	8329
1991	MEAN	8.8	11.7	-	-	-	-	-	-	-	-	-	-	9.7
	MAXIMUM	27.6	43.9	-	-	-	-	-	-	-	-	-	-	43.9
	DAY-HR	30-21	02-06	-	-	-	-	-	-	-	-	-	-	FEB
	# OBS	743	328	-	-	-	-	-	-	-	-	-	-	1071
1992	MEAN	10.9	13.0	12.8	13.2	12.8	12.0	9.3	11.3	11.7	9.0	11.4	13.3	11.7
	MAXIMUM	52.7	44.7	35.4	33.8	33.2	35.4	27.8	24.9	29.5	27.2	28.8	37.7	52.7
	DAY-HR	05-04	12-03	15-10	11-18	09-03	21-22	24-12	17-03	25-22	29-12	22-16	31-12	JAN
	# OBS	738	686	737	719	742	715	741	741	713	740	712	739	8723
1993	MEAN	12.0	13.4	11.4	10.6	14.0	15.5	13.7	12.7	12.0	9.8	11.6	11.8	12.4
	MAXIMUM	38.7	73.9	36.4	31.7	35.0	30.3	29.2	31.9	25.9	29.5	36.4	47.8	73.9
	DAY-HR	22-02	20-00	17-06	11-23	27-00	23-23	13-11	25-05	11-07	10-01	12-00	13-23	FEB
	# OBS	737	635	726	717	710	710	739	730	714	743	716	744	8621
1994	MEAN	10.8	11.7	10.9	13.7	13.2	14.1	12.4	15.1	9.8	11.9	13.5	12.1	12.4
	MAXIMUM	36.4	55.2	36.0	30.9	27.8	30.9	29.4	30.5	26.2	37.7	42.8	34.0	55.2
	DAY-HR	24-05	17-02	24-02	24-01	13-04	26-12	04-14	20-11	23-18	15-00	09-10	25-16	FEB
	# OBS	741	649	737	718	737	693	719	734	709	729	711	740	8617
1995	MEAN	18.7	8.6	14.3	13.8	13.0	14.3	10.2	11.6	11.0	11.3	9.5	12.2	12.4
	MAXIMUM	54.0	24.5	45.9	36.2	35.6	33.0	32.3	29.2	24.3	31.7	35.2	51.9	54.0
	DAY-HR	09-15	15-06	09-15	18-23	05-04	26-19	17-00	07-23	30-12	22-00	21-05	12-11	JAN
	# OBS	740	668	740	708	738	716	741	740	715	736	710	741	8693
1996	MEAN	12.3	12.9	13.2	11.8	14.9	16.3	11.0	13.3	11.1	10.6	13.3	14.9	12.9
	MAXIMUM	38.1	34.6	36.5	39.7	34.0	27.8	27.8	29.2	26.6	30.9	43.7	46.3	46.3
	DAY-HR	17-01	18-23	13-13	16-08	17-18	11-09	09-07	11-07	18-07	26-05	19-13	29-14	DEC
	# OBS	737	692	740	736	737	711	839	790	716	733	693	735	8859
1997	MEAN	11.9	13.1	14.0	12.5	10.0	15.5	12.6	8.9	9.5	11.5	12.3	15.2	12.2
	MAXIMUM	47.0	37.9	30.5	29.5	23.9	32.1	28.2	31.1	27.8	33.6	43.0	37.7	47.0
	DAY-HR	01-03	27-01	17-21	18-20	01-07	13-03	08-13	07-07	27-09	07-01	19-03	22-02	JAN
	# OBS	740	657	453	324	733	715	731	740	716	734	703	737	7983
1998	MEAN	14.3	16.1	14.4	13.3	12.4	11.3	12.8	13.5	10.2	11.2	11.5	12.0	12.7
	MAXIMUM	50.2	45.1	38.3	33.0	41.6	33.2	26.4	29.0	26.4	29.9	45.5	44.9	50.2
	DAY-HR	29-06	06-03	29-00	12-01	01-14	16-10	19-06	16-12	09-07	24-12	30-11	20-18	JAN
	# OBS	717	667	711	692	707	690	720	772	698	733	670	729	8506
1999	MEAN	11.6	13.0	13.7	15.5	16.9	15.2	11.8	11.6	10.8	10.5	13.5	11.9	13.0
	MAXIMUM	36.7	36.0	40.4	39.1	35.0	30.9	29.9	27.2	36.5	28.8	44.9	31.3	44.9
	DAY-HR	30-22	06-14	24-21	04-01	09-01	22-11	01-10	31-11	27-00	28-02	07-22	09-05	NOV
	# OBS	738	660	717	719	743	719	738	741	715	738	707	743	8678
2000	MEAN	12.7	14.1	14.1	11.4	14.5	11.0	13.0	12.6	9.4	11.4	9.4	7.9	11.8
	MAXIMUM	40.2	46.5	37.1	33.2	33.6	29.5	24.9	29.0	28.2	31.1	35.4	24.1	46.5
	DAY-HR	16-06	22-21	05-12	16-16	14-21	13-20	02-10	17-15	30-00	25-13	29-11	17-04	FEB

	# OBS	739	692	742	703	731	709	743	742	720	731	717	742	8711
2001	MEAN	12.3	15.1	15.6	13.2	14.1	17.1	12.5	14.1	10.9	12.1	13.3	15.6	13.8
	MAXIMUM	50.9	41.2	44.1	31.5	38.5	32.7	30.3	31.3	32.3	34.0	41.8	41.2	50.9
	DAY-HR	10-19	06-20	04-19	16-21	02-01	18-10	14-09	28-10	08-18	30-13	24-10	10-13	JAN
	# OBS	744	671	740	717	744	718	742	629	716	743	718	743	8625
POR	MEAN	11.7	12.8	13.3	12.5	13.3	13.4	12.0	11.6	10.2	10.7	11.6	11.8	12.1
	MAXIMUM	54.0	73.9	48.0	39.7	41.6	35.4	35.0	34.6	36.5	48.6	49.2	51.9	73.9
	YEAR	1995	1993	1986	1996	1998	1992	1987	1990	1999	1989	1984	1995	FEB/1993
	# OBS	12162	11010	11482	11057	11747	11224	10508	10911	10412	11712	11360	11839	135424

STATION: PTAC1 -- 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	18.1	16.5	16.3	14.3	17.3	18.9	13.3	15.7	13.5	13.2	16.1	18.3	15.8
	MAXIMUM	34.6	41.4	44.7	43.5	39.9	31.3	31.7	31.1	31.7	40.4	48.8	55.8	55.8
	DAY-HR	27-09	04-05	13-16	16-09	17-19	11-09	09-08	11-07	18-06	25-23	19-15	29-16	DEC
	MINIMUM	2.5	2.3	3.1	1.7	2.7	2.7	2.3	1.9	1.7	1.0	2.3	2.7	1.0
	DAY-HR	28-18	08-04	27-05	20-18	16-11	27-04	11-06	15-16	23-13	01-04	08-20	26-03	OCT
	# OBS	310	691	740	736	761	691	815	790	716	733	693	735	8411
1997	MEAN	15.0	16.0	16.6	15.8	12.2	18.2	14.9	10.7	11.5	14.0	15.4	18.6	14.8
	MAXIMUM	57.2	41.0	33.2	35.8	25.5	34.4	31.1	31.1	32.5	39.3	50.7	43.2	57.2
	DAY-HR	01-03	27-02	16-18	18-21	01-07	13-03	08-14	07-07	27-09	06-20	19-05	14-03	JAN
	MINIMUM	2.1	2.9	1.7	2.5	1.9	3.1	1.6	1.9	1.9	2.3	3.7	2.5	1.6
	DAY-HR	30-23	15-20	20-10	18-04	11-08	03-09	25-03	24-02	21-14	31-11	04-20	31-01	JUL
	# OBS	740	657	474	287	707	714	731	717	716	734	704	736	7917
1998	MEAN	17.7	20.6	17.5	16.1	15.0	13.5	15.2	15.9	12.4	13.6	14.4	14.9	15.6
	MAXIMUM	51.9	52.9	41.8	36.0	44.5	37.1	29.7	29.7	28.4	33.4	52.1	53.8	53.8
	DAY-HR	29-06	03-04	29-00	12-01	01-15	16-10	19-07	29-05	19-08	24-12	30-13	20-17	DEC
	MINIMUM	3.3	3.9	2.3	2.1	1.7	0.0	1.9	2.7	1.7	2.5	2.1	2.9	0.0
	DAY-HR	15-17	27-03	19-04	02-17	30-04	28-14	06-04	13-12	06-15	27-02	12-23	26-21	JUN
	# OBS	717	667	711	691	707	690	722	770	695	731	688	730	8519
1999	MEAN	14.5	16.5	16.6	18.8	19.6	17.7	14.0	13.8	13.1	12.9	16.5	14.6	15.7
	MAXIMUM	38.5	43.2	45.1	47.6	38.5	31.1	32.7	29.5	36.7	33.4	48.2	35.4	48.2
	DAY-HR	31-18	09-15	24-23	03-23	09-02	27-10	01-12	22-00	27-01	28-02	19-18	02-21	NOV
	MINIMUM	2.3	3.9	3.7	2.3	1.9	2.5	1.6	2.3	1.9	2.5	1.9	2.9	1.6
	DAY-HR	15-05	26-07	12-18	25-16	31-06	12-10	21-10	27-06	20-06	01-10	27-01	13-01	JUL
	# OBS	762	660	717	719	743	719	737	741	715	739	707	743	8702
2000	MEAN	15.7	17.7	17.2	13.9	17.3	13.3	15.5	15.0	11.6	14.0	11.7	10.2	14.4
	MAXIMUM	47.2	53.1	41.0	38.3	37.7	32.5	28.2	33.0	36.9	36.2	40.0	29.5	53.1
	DAY-HR	16-06	22-20	17-04	16-16	14-20	13-11	21-09	17-08	13-16	26-03	29-12	13-19	FEB
	MINIMUM	3.5	2.5	2.9	2.9	1.0	1.4	1.6	1.7	2.1	2.1	2.5	1.9	1.0
	DAY-HR	27-22	02-09	11-09	25-19	02-09	18-12	13-10	03-15	20-12	07-20	09-17	28-20	MAY
	# OBS	739	692	742	702	731	701	733	740	720	728	717	739	8684
2001	MEAN	15.7	18.6	-	15.7	16.6	19.9	14.8	16.4	13.3	14.8	16.4	19.6	16.5
	MAXIMUM	53.3	43.7	-	33.4	42.4	36.2	31.5	34.6	33.0	38.3	50.5	64.0	64.0
	DAY-HR	10-19	17-11	-	02-08	02-02	27-00	14-09	29-12	08-19	30-14	24-15	02-18	DEC
	MINIMUM	2.5	2.7	-	2.7	1.9	2.1	2.5	2.9	2.5	1.4	3.1	3.5	1.4
	DAY-HR	13-19	27-03	-	19-17	11-06	26-04	24-15	04-16	10-15	28-05	09-21	26-06	OCT
	# OBS	743	671	-	716	744	718	742	627	713	743	718	743	7878
POR	MEAN	15.9	17.6	16.8	15.8	16.4	17.0	14.6	14.6	12.6	13.7	15.1	16.0	15.5
	MAXIMUM	57.2	53.1	45.1	47.6	44.5	37.1	32.7	34.6	36.9	40.4	52.1	64.0	64.0
	YEAR	1997	2000	1999	1999	1998	1998	1999	2001	2000	1996	1998	2001	DEC/2001
	MINIMUM	2.1	2.3	1.7	1.7	1.0	0.0	1.6	1.7	1.7	1.0	1.9	1.9	0.0
	YEAR	1997	1996	1997	1996	2000	1998	2000	2000	1998	1996	1999	2000	JUN/1998
	# OBS	4011	4038	3384	3851	4393	4233	4480	4385	4275	4408	4227	4426	50111

STATION: PTAC1

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

Month: JAN		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	2.8	0.1	0.1	0.1	*	0.1	*	0.1	*	*	*	*	0.1	3.3	407		
1 - 3		1.1	1.6	2.5	2.0	1.6	1.6	0.8	0.5	0.6	0.6	0.5	0.6	13.9	1695		
4 - 6		1.9	2.2	1.9	3.7	4.4	3.1	1.7	0.5	0.4	0.2	0.4	1.1	21.5	2615		
7 - 10		4.2	1.9	0.1	1.3	5.5	5.4	3.1	0.5	0.3	0.3	0.4	1.7	24.8	3011		

11 - 15	4.9	1.4	*	0.1	1.5	5.8	3.5	0.5	0.4	0.4	0.4	1.5	20.6	2502
16 - 20	2.3	0.6	*	0.1	0.5	3.9	1.8	0.3	0.2	0.2	0.1	0.6	10.5	1277
21 - 24	0.6	0.1	-	-	0.1	1.2	0.8	0.1	0.1	0.1	*	0.1	3.3	402
25 - 33	0.2	-	-	-	*	0.8	0.5	0.1	*	*	*	0.1	1.9	230
34 - 47	-	-	-	-	-	0.2	*	*	-	-	-	-	0.2	26
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.8	15.3	7.8	4.6	7.3	13.6	22.1	12.3	2.6	2.2	1.8	1.8	5.8	100.0
TOTAL N	337	1859	947	564	885	1652	2691	1495	320	266	219	224	706	12165
(* < 0.05%)														

STATION: PTAC1

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

Month: FEB

WIND DIRECTION															
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	1.7	0.1	0.1	0.1	*	0.1	*	*	*	*	*	0.1	*	2.2	244
1 - 3		1.3	1.7	2.4	2.0	1.0	1.0	0.6	0.5	0.5	0.7	0.7	0.8	13.2	1452
4 - 6		2.3	2.0	1.5	3.6	3.4	1.9	1.6	0.7	0.8	0.8	0.6	1.3	20.4	2243
7 - 10		5.0	1.9	0.2	1.2	4.6	3.5	2.6	0.5	0.7	0.4	0.5	1.8	22.9	2524
11 - 15		5.6	1.4	0.1	0.2	0.9	4.5	3.8	0.7	0.6	0.4	0.2	2.0	20.4	2243
16 - 20		3.0	0.5	0.1	0.1	0.2	4.2	2.5	0.4	0.3	0.4	0.3	1.1	13.0	1428
21 - 24		0.9	*	0.1	*	0.1	1.9	1.0	0.2	0.1	0.1	*	0.3	4.8	534
25 - 33		0.5	*	*	*	*	1.1	0.9	0.1	0.1	-	*	0.2	3.0	325
34 - 47		-	-	-	-	-	0.1	0.1	*	-	-	-	-	0.2	21
> 48		-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	1.7	18.7	7.6	4.5	7.1	10.4	18.1	13.1	3.1	3.1	2.7	2.4	7.6	100.0	
TOTAL N	187	2062	836	496	781	1144	1998	1443	344	336	294	259	835		11015
(* < 0.05%)															

STATION: PTAC1

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

Month: MAR

WIND DIRECTION															
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	1.6	*	*	0.1	*	*	*	*	*	*	*	*	*	1.9	219
1 - 3		1.5	1.6	2.0	1.7	0.8	0.8	0.4	0.3	0.4	0.4	0.6	0.7	11.3	1293
4 - 6		3.2	2.1	1.1	2.1	2.4	1.9	1.1	0.6	0.4	0.5	0.6	1.7	17.6	2021
7 - 10		7.4	2.6	0.1	0.6	2.8	3.0	2.6	0.5	0.3	0.4	0.6	3.2	23.8	2738
11 - 15		10.3	2.4	0.1	0.1	0.5	3.4	3.0	0.4	0.2	0.2	0.3	4.1	25.0	2874
16 - 20		5.8	0.8	0.1	0.1	0.1	2.6	1.8	0.3	0.2	0.1	0.2	2.0	13.9	1601
21 - 24		1.4	0.1	*	*	*	1.5	0.5	0.1	0.1	*	0.1	0.5	4.2	478
25 - 33		0.6	-	-	-	-	1.1	0.2	*	*	*	-	0.2	2.2	256
34 - 47		*	-	-	-	-	*	*	*	-	-	-	-	0.1	8
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.6	30.2	9.6	3.4	4.5	6.6	14.2	9.6	2.2	1.7	1.6	2.3	12.4	100.0	
TOTAL N	186	3466	1108	395	522	759	1633	1099	253	199	184	265	1419		11488
(* < 0.05%)															

STATION: PTAC1

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

Month: APR

WIND DIRECTION															
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	1.7	0.1	-	*	0.1	*	*	-	-	*	0.1	*	0.1	2.1	234
1 - 3		1.6	1.9	1.7	1.0	0.6	0.7	0.6	0.5	0.5	0.5	0.6	1.1	11.3	1252
4 - 6		4.1	3.0	0.9	1.2	1.7	1.3	1.8	0.8	0.4	0.3	0.7	2.2	18.4	2038
7 - 10		10.0	3.3	0.1	0.4	1.5	2.3	2.7	0.4	0.2	0.1	0.6	3.6	25.2	2790
11 - 15		13.9	2.1	*	*	0.1	2.6	2.5	0.1	0.1	0.1	0.1	4.0	25.7	2840
16 - 20		7.9	0.5	-	*	*	1.3	1.2	*	*	*	*	2.2	13.3	1467
21 - 24		2.1	-	-	-	-	0.4	0.3	*	-	-	*	0.3	3.2	350
25 - 33		0.4	-	-	-	-	0.1	0.1	-	-	-	-	0.1	0.8	85
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		*	*	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	1.7	40.1	11.0	2.7	2.8	3.9	8.7	9.3	1.7	1.1	1.0	2.2	13.6	100.0	
TOTAL N	190	4436	1212	299	310	436	966	1031	192	121	115	245	1505		11058
(* < 0.05%)															

STATION: PTAC1

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

Month: MAY

WIND DIRECTION															
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N

0	1.1	*	*	*	*	-	*	*	*	*	*	*	*	1.4	161
1 - 3		1.2	1.4	1.4	0.7	0.3	0.4	0.6	0.4	0.4	0.3	0.5	0.8	8.4	992
4 - 6		3.7	2.8	0.6	0.4	0.8	1.2	1.4	0.5	0.2	0.2	0.5	2.0	14.3	1679
7 - 10		12.4	3.9	0.1	0.1	0.6	1.8	2.3	0.3	0.1	0.1	0.4	4.2	26.4	3098
11 - 15		18.5	1.8	-	-	*	2.2	1.9	0.2	0.1	*	0.1	5.8	30.7	3605
16 - 20		9.8	0.2	-	-	-	1.8	1.0	*	*	*	*	2.4	15.3	1804
21 - 24		1.9	*	-	-	-	0.6	0.2	*	-	-	*	0.2	3.0	349
25 - 33		0.2	-	-	-	-	0.2	0.1	-	-	-	-	*	0.6	65
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.1	47.8	10.2	2.1	1.2	1.8	8.2	7.5	1.4	0.8	0.7	1.6	15.6	100.0	
TOTAL N	135	5619	1200	241	136	207	964	885	166	92	88	185	1835		11753
(* < 0.05%)															

STATION: PTAC1

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

Month: JUN															
WIND DIRECTION															
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	1.9	*	*	*	-	*	*	*	*	-	*	*	-	2.1	238
1 - 3		1.3	1.0	0.6	0.4	0.2	0.5	0.6	0.5	0.4	0.5	0.6	0.9	7.6	852
4 - 6		3.7	1.6	0.3	0.3	0.3	0.9	1.5	0.5	0.3	0.4	0.5	2.0	12.3	1379
7 - 10		12.4	2.8	*	*	0.2	1.0	2.7	0.3	0.1	0.1	0.2	4.4	24.2	2717
11 - 15		22.7	2.3	-	-	-	0.8	1.8	0.1	-	-	*	6.6	34.4	3868
16 - 20		11.1	0.3	-	-	-	0.5	0.7	*	-	-	-	3.8	16.4	1840
21 - 24		1.8	*	-	-	-	0.2	0.2	-	-	-	-	0.2	2.5	283
25 - 33		0.2	-	-	-	-	0.1	0.2	-	-	-	-	-	0.5	53
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.9	53.2	8.0	0.9	0.7	0.8	4.1	7.7	1.5	0.9	1.0	1.3	17.9	100.0	
TOTAL N	213	5973	899	100	83	93	460	865	169	100	113	148	2014		11230
(* < 0.05%)															

STATION: PTAC1

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

Month: JUL															
WIND DIRECTION															
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	1.2	0.1	*	*	*	*	*	-	0.1	*	*	0.1	*	1.7	181
1 - 3		1.6	1.4	0.9	0.3	0.5	0.8	1.0	0.8	0.6	0.6	1.0	1.1	10.6	1114
4 - 6		4.9	2.0	0.2	*	0.3	1.0	2.7	1.1	0.5	0.3	0.4	2.3	15.7	1655
7 - 10		14.3	2.9	*	-	-	0.8	3.9	0.8	0.2	0.2	0.2	3.7	26.8	2822
11 - 15		21.8	2.0	-	-	-	0.3	2.5	0.3	*	-	*	5.2	32.1	3373
16 - 20		8.3	0.3	-	-	-	0.1	0.6	-	-	-	-	2.3	11.6	1216
21 - 24		1.0	-	-	-	-	*	0.1	-	-	-	-	0.2	1.3	139
25 - 33		0.1	-	-	-	-	-	*	-	-	-	-	*	0.1	14
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.2	52.1	8.7	1.1	0.4	0.8	3.0	10.8	3.0	1.4	1.1	1.6	14.8	100.0	
TOTAL N	131	5479	920	116	42	79	313	1138	316	148	111	171	1551		10515
(* < 0.05%)															

STATION: PTAC1

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

Month: AUG															
WIND DIRECTION															
WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	1.6	*	*	0.1	*	*	*	*	*	*	*	*	*	2.0	213
1 - 3		1.7	1.6	1.0	0.5	0.4	0.9	1.1	0.7	0.4	0.5	0.9	1.3	11.0	1198
4 - 6		5.2	2.7	0.4	0.2	0.4	1.4	2.6	0.7	0.4	0.3	0.5	2.4	17.2	1880
7 - 10		15.8	3.6	*	*	0.1	1.3	3.0	0.4	0.2	*	0.1	4.0	28.7	3131
11 - 15		19.3	2.0	-	-	-	0.6	2.2	0.1	-	-	*	5.1	29.3	3199
16 - 20		6.9	0.1	-	-	-	0.3	0.9	-	-	-	-	2.3	10.6	1154
21 - 24		0.8	*	-	-	-	0.1	0.2	-	-	-	-	0.1	1.2	128
25 - 33		0.1	-	-	-	-	*	-	-	-	-	-	-	0.1	16
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.6	49.9	10.1	1.5	0.7	1.0	4.7	9.9	1.8	1.0	0.9	1.5	15.3	100.0	
TOTAL N	173	5451	1099	162	80	105	516	1086	202	110	99	169	1667		10919
(* < 0.05%)															

STATION: PTAC1

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	2.3	0.1	*	*	*	*	*	0.1	0.1	*	*	*	*	2.9	299
1 - 3		2.0	2.2	1.6	0.9	0.8	0.9	1.3	0.8	0.8	0.7	0.7	1.4	14.0	1459
4 - 6		6.7	4.3	1.1	0.9	0.9	1.7	2.5	0.9	0.5	0.3	0.6	2.3	22.7	2365
7 - 10		14.1	3.8	0.3	0.2	0.3	1.8	3.4	0.4	*	0.1	0.4	4.0	28.8	3004
11 - 15		14.3	1.9	0.2	0.1	*	1.0	2.6	*	-	*	-	3.9	24.1	2508
16 - 20		4.0	0.2	*	-	-	0.4	0.9	*	-	-	-	1.2	6.7	700
21 - 24		0.4	*	-	-	-	0.1	0.1	-	-	-	-	0.1	0.8	83
25 - 33		*	*	-	-	-	*	-	-	-	-	-	-	0.1	8
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.3	41.6	12.5	3.2	2.1	2.1	6.1	10.9	2.2	1.3	1.0	1.7	13.0	100.0	
TOTAL N	243	4334	1301	337	216	224	635	1140	227	137	107	173	1352		10426

(* < 0.05%)

STATION: PTAC1

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	2.2	*	0.1	*	0.1	*	0.1	0.1	0.1	*	*	*	*	2.7	317
1 - 3		2.0	2.6	2.7	1.2	1.0	1.3	1.3	0.6	0.5	0.5	0.8	1.3	15.6	1831
4 - 6		5.4	4.7	1.8	1.2	1.2	2.0	2.3	0.7	0.3	0.2	0.5	1.6	22.1	2587
7 - 10		11.8	4.1	0.1	0.4	1.3	2.4	3.1	0.2	0.1	0.1	0.3	2.8	26.7	3136
11 - 15		11.6	1.5	*	*	0.2	2.0	2.3	0.1	-	*	0.1	4.0	21.8	2555
16 - 20		4.6	0.2	-	-	*	1.1	0.9	*	*	-	*	1.7	8.5	997
21 - 24		1.3	-	-	-	-	0.5	0.2	*	-	-	-	0.2	2.2	257
25 - 33		0.2	-	-	-	-	0.1	*	-	-	-	-	*	0.3	39
34 - 47		-	-	-	-	-	*	*	-	-	-	-	-	0.0	3
> 48		*	-	-	-	-	-	-	-	-	-	-	*	0.0	3
TOTAL %	2.2	36.9	13.1	4.7	2.9	3.8	9.5	10.1	1.7	0.9	0.9	1.7	11.8	100.0	
TOTAL N	255	4321	1532	549	342	440	1112	1179	199	109	101	200	1386		11725

(* < 0.05%)

STATION: PTAC1

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	2.0	*	*	*	*	*	*	*	0.1	*	*	*	0.1	2.5	283
1 - 3		1.7	2.3	3.1	2.1	1.1	1.2	0.9	0.6	0.5	0.5	0.7	1.0	15.8	1794
4 - 6		3.0	3.2	2.5	3.5	2.9	2.3	1.7	0.4	0.3	0.2	0.5	1.2	21.9	2493
7 - 10		7.0	2.3	0.1	1.2	3.7	3.2	2.5	0.2	0.3	0.1	0.4	2.3	23.3	2653
11 - 15		8.7	1.7	-	-	0.6	4.5	1.9	0.2	0.2	0.1	0.2	3.4	21.6	2457
16 - 20		3.8	0.6	-	*	0.1	3.3	0.9	0.1	0.1	0.1	0.2	1.2	10.4	1181
21 - 24		1.0	*	-	*	*	1.3	0.3	*	0.1	*	0.1	0.2	3.0	337
25 - 33		0.2	*	-	-	*	1.0	0.1	*	*	*	*	0.1	1.6	181
34 - 47		-	-	-	-	-	0.1	-	-	-	*	-	-	0.1	10
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.0	25.5	10.2	5.7	6.9	8.5	17.0	8.3	1.7	1.5	1.2	2.0	9.4	100.0	
TOTAL N	231	2907	1160	651	787	963	1936	950	188	171	138	231	1076		11389

(* < 0.05%)

STATION: PTAC1

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	2.2	*	0.1	*	*	*	*	*	*	*	*	*	*	2.6	307
1 - 3		1.5	1.7	3.0	2.7	1.5	1.4	1.0	0.5	0.5	0.4	0.7	0.8	15.7	1860
4 - 6		2.5	2.1	2.2	5.4	3.8	2.6	1.6	0.7	0.2	0.2	0.4	1.0	22.7	2690
7 - 10		4.6	2.0	0.1	1.8	6.3	3.5	2.3	0.3	0.2	0.2	0.3	1.5	23.1	2731
11 - 15		6.3	2.0	*	0.2	1.4	3.9	2.4	0.3	0.3	0.2	0.3	1.6	19.1	2263
16 - 20		3.3	0.9	*	0.1	0.3	2.7	0.9	0.2	0.2	0.1	0.2	1.0	9.9	1174
21 - 24		1.6	0.2	-	*	0.1	1.2	0.4	0.1	0.1	*	*	0.3	4.1	482
25 - 33		0.8	0.1	*	*	*	0.9	0.5	0.1	0.1	*	*	0.2	2.7	321
34 - 47		-	-	-	-	-	0.1	0.1	-	-	-	-	-	0.2	19
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.2	20.6	9.2	5.4	10.2	13.5	16.3	9.2	2.4	1.6	1.2	1.9	6.4	100.0	
TOTAL N	263	2443	1086	642	1208	1594	1926	1088	282	186	141	229	759		11847

(* < 0.05%)

STATION: PTAC1

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

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.9	*	*	*	*	*	*	*	*	*	*	*	*	2.3	3103
1 - 3		1.5	1.8	1.9	1.3	0.8	1.0	0.9	0.5	0.5	0.5	0.7	1.0	12.4	16792
4 - 6		3.8	2.7	1.2	1.9	1.9	1.8	1.9	0.7	0.4	0.3	0.5	1.7	18.9	25645
7 - 10		9.8	2.9	0.1	0.6	2.3	2.5	2.8	0.4	0.2	0.2	0.3	3.1	25.3	34355
11 - 15		13.0	1.9	*	0.1	0.4	2.7	2.5	0.3	0.2	0.1	0.2	3.9	25.3	34287
16 - 20		5.9	0.4	*	*	0.1	1.9	1.2	0.1	0.1	0.1	0.1	1.8	11.7	15839
21 - 24		1.2	*	*	*	*	0.8	0.4	*	*	*	*	0.2	2.8	3822
25 - 33		0.3	*	*	*	*	0.5	0.2	*	*	*	*	0.1	1.2	1593
34 - 47		*	-	-	-	-	*	*	*	-	*	-	-	0.1	87
> 48		*	*	-	-	-	-	-	-	-	-	*	*	0.0	7
TOTAL %	1.9	35.7	9.8	3.4	4.0	5.7	11.2	9.9	2.1	1.5	1.3	1.8	11.9	100.0	
TOTAL N	2544	48350	13300	4552	5392	7696	15150	13399	2858	1975	1710	2499	16105		135530

(* < 0.05%)

STATION: PTAC1

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	2.2	0.1	0.1	0.1	*	0.1	*	*	*	*	*	*	*	2.7	958
1 - 3		1.3	1.7	2.7	2.2	1.4	1.3	0.8	0.5	0.6	0.5	0.6	0.7	14.3	5007
4 - 6		2.2	2.1	1.9	4.2	3.9	2.6	1.6	0.6	0.4	0.4	0.4	1.1	21.5	7548
7 - 10		4.6	1.9	0.1	1.4	5.5	4.2	2.7	0.4	0.4	0.3	0.4	1.7	23.6	8266
11 - 15		5.6	1.6	*	0.2	1.3	4.8	3.2	0.5	0.4	0.3	0.3	1.7	20.0	7008
16 - 20		2.9	0.7	*	0.1	0.3	3.6	1.7	0.3	0.2	0.2	0.2	0.9	11.1	3879
21 - 24		1.0	0.1	*	*	0.1	1.4	0.7	0.1	0.1	0.1	*	0.3	4.0	1418
25 - 33		0.5	*	*	*	*	0.9	0.6	0.1	0.1	*	*	0.2	2.5	876
34 - 47		-	-	-	-	-	0.1	0.1	*	-	-	-	-	0.2	66
> 48		-	-	-	-	-	-	-	-	-	-	*	-	0.0	1
TOTAL %	2.2	18.2	8.2	4.9	8.2	12.5	18.9	11.5	2.7	2.2	1.9	2.0	6.6	100.0	
TOTAL N	787	6364	2869	1702	2874	4390	6615	4026	946	788	654	712	2300		35027

(* < 0.05%)

STATION: PTAC1

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	1.5	*	*	*	*	*	*	*	*	*	*	*	*	1.8	614
1 - 3		1.4	1.7	1.7	1.1	0.6	0.6	0.6	0.4	0.4	0.4	0.6	0.9	10.3	3537
4 - 6		3.7	2.6	0.9	1.2	1.6	1.4	1.4	0.6	0.3	0.3	0.6	2.0	16.7	5738
7 - 10		10.0	3.3	0.1	0.4	1.6	2.3	2.5	0.4	0.2	0.2	0.5	3.7	25.1	8626
11 - 15		14.3	2.1	*	0.1	0.2	2.7	2.4	0.2	0.1	0.1	0.2	4.7	27.2	9319
16 - 20		7.9	0.5	*	*	0.1	1.9	1.3	0.1	0.1	*	0.1	2.2	14.2	4872
21 - 24		1.8	*	*	*	*	0.9	0.3	*	*	*	*	0.3	3.4	1177
25 - 33		0.4	-	-	-	-	0.5	0.1	*	*	*	-	0.1	1.2	406
34 - 47		*	-	-	-	-	*	*	*	-	-	-	-	0.0	8
> 48		*	*	-	-	-	-	-	-	-	-	-	-	0.0	2
TOTAL %	1.5	39.4	10.3	2.7	2.8	4.1	10.4	8.8	1.8	1.2	1.1	2.0	13.9	100.0	
TOTAL N	511	13521	3520	935	968	1402	3563	3015	611	412	387	695	4759		34299

(* < 0.05%)

STATION: PTAC1

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.6	0.1	*	*	*	*	*	*	*	*	*	*	*	1.9	632
1 - 3		1.6	1.4	0.8	0.4	0.4	0.7	0.9	0.6	0.5	0.5	0.8	1.1	9.7	3164
4 - 6		4.6	2.1	0.3	0.2	0.3	1.1	2.3	0.8	0.4	0.3	0.5	2.2	15.0	4914
7 - 10		14.1	3.1	*	*	0.1	1.0	3.2	0.5	0.2	0.1	0.2	4.0	26.5	8670
11 - 15		21.3	2.1	-	-	-	0.6	2.2	0.1	*	-	*	5.7	32.0	10440
16 - 20		8.8	0.2	-	-	-	0.3	0.7	*	*	-	-	2.8	12.9	4210
21 - 24		1.2	*	-	-	-	0.1	0.2	-	-	-	-	0.2	1.7	550
25 - 33		0.1	-	-	-	-	*	0.1	-	-	-	-	*	0.3	83
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		*	-	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.6	51.7	8.9	1.2	0.6	0.8	3.9	9.5	2.1	1.1	1.0	1.5	16.0	100.0	

TOTAL N	517	16903	2918	378	205	277	1289	3089	687	358	323	488	5232	32664
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(* < 0.05%)

STATION: PTAC1

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

Months: SEP, OCT, NOV (Autumn)

		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	2.2	*	*	*	0.1	*	*	*	0.1	*	*	*	0.1	2.7	899
1 - 3		1.9	2.4	2.5	1.4	1.0	1.1	1.2	0.6	0.6	0.5	0.7	1.2	15.2	5084
4 - 6		5.0	4.1	1.8	1.9	1.7	2.0	2.1	0.7	0.4	0.3	0.5	1.7	22.2	7445
7 - 10		10.9	3.4	0.2	0.6	1.8	2.5	3.0	0.3	0.2	0.1	0.3	3.0	26.2	8793
11 - 15		11.5	1.7	0.1	*	0.3	2.6	2.3	0.1	0.1	0.1	0.1	3.8	22.4	7520
16 - 20		4.1	0.3	*	*	*	1.6	0.9	*	*	*	0.1	1.4	8.6	2878
21 - 24		0.9	*	-	*	*	0.6	0.2	*	*	*	*	0.2	2.0	677
25 - 33		0.1	*	-	-	*	0.4	0.1	*	*	*	*	*	0.7	228
34 - 47		-	-	-	-	-	*	*	-	-	*	-	-	0.0	13
> 48		*	-	-	-	-	-	-	-	-	-	-	*	0.0	3
TOTAL %	2.2	34.5	11.9	4.6	4.0	4.9	11.0	9.7	1.8	1.2	1.0	1.8	11.4	100.0	
TOTAL N	729	11562	3993	1537	1345	1627	3683	3269	614	417	346	604	3814		33540

(* < 0.05%)

Summary complete: 09-Sep-2003 08:20:50