

STATION: PTGCL

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (4/1984 - 12/2001) (127528 RECORDS, 89.3% 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	
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	-	-	2	#
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	#	-	-	-	-	-	-	-	3	999
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999	-	-	-	-	-	3	999
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	999	1	#	-	-	-	7	999
28	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	-	-	5	999	3	999	-	-	-	10	999
27	-	-	1	#	-	-	2	999	-	-	-	-	-	-	-	-	1	999	19	998	1	999	-	-	-	24	999
26	-	-	3	999	-	-	6	999	1	#	-	-	1	#	-	-	-	-	13	996	8	999	-	-	-	32	999
25	-	-	5	999	-	-	8	999	2	999	-	-	-	-	3	#	12	999	21	995	7	999	-	-	-	58	999
24	-	-	13	999	1	#	15	998	-	-	-	-	1	999	3	999	14	999	25	993	20	998	2	#	94	999	
23	4	#	11	998	1	999	13	997	4	999	-	-	1	999	5	999	18	997	45	990	31	996	3	999	136	998	
22	15	999	30	996	4	999	17	996	-	-	-	-	6	999	9	999	31	996	52	985	32	993	7	999	203	997	
21	21	998	34	993	9	999	25	994	1	999	3	#	13	999	4	998	45	993	73	980	72	990	20	999	320	996	
20	33	996	45	990	6	998	33	991	8	999	7	999	34	998	13	998	91	989	139	972	89	983	31	997	529	993	
19	65	993	72	985	24	998	36	988	17	999	6	999	74	995	75	997	187	981	216	957	163	975	113	994	1048	989	
18	121	987	91	977	37	995	44	985	41	997	36	999	106	988	287	990	473	964	500	934	301	959	172	984	2209	981	
17	177	977	159	967	117	992	115	980	109	994	136	995	313	978	774	965	1038	923	842	880	617	931	320	968	4717	963	
16	344	960	240	950	200	980	180	969	302	984	305	983	976	949	1656	898	1592	831	1416	790	1118	872	585	939	8914	926	
15	846	929	548	925	531	960	376	952	757	958	955	954	1962	859	2490	754	2575	690	2180	638	1706	766	1078	887	16004	856	
14	1618	852	1187	866	1484	906	933	915	1362	894	2219	866	3090	678	2884	537	2857	462	2030	405	2055	604	1537	789	23256	731	
13	2201	706	1930	739	1994	757	1791	824	2131	777	2705	660	2947	392	2191	286	1607	210	1265	188	2120	409	2133	650	25015	549	
12	2579	506	1845	533	2023	556	2760	649	3015	595	2610	409	1153	120	963	95	615	67	413	52	1243	207	2088	456	21307	352	
11	1582	272	1549	335	2046	352	2377	380	2681	336	1358	167	138	13	122	11	130	13	66	8	608	89	1463	267	14120	185	
10	810	128	866	169	1008	146	1121	148	1103	107	402	41	3	*	6	1	17	2	9	1	228	31	686	135	6259	75	
9	369	55	411	77	322	45	318	39	146	13	41	4	-	-	-	-	-	-	-	-	71	10	379	73	2057	26	
8	140	22	179	33	92	12	67	8	-	-	-	-	-	-	-	-	-	-	-	-	17	3	182	38	677	9	
7	66	9	75	14	22	3	9	1	-	-	1	*	-	-	-	-	-	-	-	-	14	1	111	22	298	4	
6	14	3	30	6	8	1	2	*	-	-	-	-	-	-	-	-	-	-	-	-	1	*	59	12	114	2	
5	15	2	13	2	-	-	2	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	6	58	1
4	2	*	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	4	29	*
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	2	8	*
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	2	15	*
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*	2	*
MEAN	12.6		12.4		12.2		12.1		12.3		12.9		14.0		14.4		14.8		15.2		14.1		12.7		13.3		
S.D.	2.1		2.4		1.8		2.0		1.6		1.5		1.5		1.6		1.9		2.2		2.3		2.4		2.2		
TOTAL	11022		9346		9929		10252		11680		10784		10818		11485		11306		9340		10526		11040		127528		
MAX	23.4		27.0		23.6		28.2		25.8		21.2		26.4		25.3		31.0		36.4		28.9		24.3		36.4		
DATE	2001010419		1995020210		1988032516		1989040709		1984050809		1993062500		1995070614		1991081308		1984090908		1987100417		1997110307		1998121607		1987100417		
MIN	4.2		3.6		6.1		5.2		8.5		7.0		10.3		10.2		9.6		9.5		6.3		1.3		1.3		
DATE	1989010815		1989020605		1999031514		1999040914		1984051913		1994061211		1986070213		1995081314		1994090414		1994101915		1994111915		1990122205		1990122205		

(* < 0.05% , # = 100.0%)

STATION: PTGCL

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

ELEMENT: DEW POINT TEMPERATURE (DEGREES C) -- POR: (2/1989 - 12/2001) (30780 RECORDS, 21.6% 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	
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	1	#
18	-	-	-	-	-	-	-	-	-	-	-	-	7	#	9	999	-	-	-	-	-	-	-	-	-	16	999
17	-	-	-	-	-	-	-	-	-	-	10	#	32	998	32	996	-	-	-	-	-	-	-	-	-	74	999
16	-	-	-	-	-	-	-	-	15	#	21	998	66	988	39	985	11	#	9	#	29	#	-	-	-	190	997
15	8	#	-	-	-	-	1	#	119	997	193	993	141	966	113	971	26	994	62	993	27	986	-	-	690	991	
14	40	989	9	#	12	#	24	999	305	977	398	947	332	921	498	930	272	978	164	942	111	973	-	-	2165	968	
13	73	935	48	995	28	995	127	993	452	923	423	852	627	815	1036	749	820	819	408	809	318	920	9	#	4369	898	
12	67	835	97	967	154	982	329	955	623	844	715	752	1260	614	861	373	458	339	340	477	439	767	55	995	5398	756	
11	143	744	248	911	291	913	635	859	936	735	868	582	548	211	161	61	108	70	155	207	373	556	106	966	4572	581	
10	117	549	282	768	519	782	824	673	1193	571	658	375	78	35	7	3	12	7	27	75	242	377	191	909	4150	432	
9	72	390	201	606	439	548	667	432	984	362	352	219	31	10	-	-	-	-	22	53	153	261	251	806	3172	297	
8	53	292	199	490	324	350	364	236	549	190	377	135	1	*	-	-	-	-	12	35	84	187	198	671	2161	194	
7	44	219	159	375	167	204	195	130	345	94	171	45	-	-	-	-	-	-	16	25	92	147	170	564	1359	124	
6	24	159	117	284	98	129	89	73	150	34	19	5	-	-	-	-	-	-	5	12	55	103	159	473	716	80	
5	17	127	73	216	67	85	57	47	25	7	1	*	-	-	-	-	-	-	7	8	27	76	144	387	418	57	
4	17	104	59	174	62	55	44	30	5	3	-	-	-	-	-	-	-	-	2	2	30	63	127	309	346		

3	13	80	53	140	30	27	20	17	2	2	-	-	-	-	-	-	1	1	19	49	86	241	224	32		
2	15	63	31	110	9	13	12	11	-	-	-	-	-	-	-	-	-	-	26	40	83	195	176	25		
1	8	42	21	92	6	9	3	8	2	2	-	-	-	-	-	-	-	-	16	27	66	150	122	19		
0	6	31	22	80	2	6	4	7	-	-	-	-	-	-	-	-	-	-	22	20	49	115	105	15		
-1	7	23	11	67	2	5	7	6	1	1	-	-	-	-	-	-	-	-	8	9	46	88	82	12		
-2	3	14	10	61	5	5	5	4	-	-	-	-	-	-	-	-	-	-	6	5	32	64	61	9		
-3	3	10	14	55	4	2	4	2	1	1	-	-	-	-	-	-	-	-	3	2	42	46	71	7		
-4	2	5	10	47	1	*	1	1	2	1	-	-	-	-	-	-	-	-	2	1	24	24	42	5		
-5	2	3	6	41	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-	14	11	25	3		
-6	-	-	14	37	-	-	-	-	1	*	-	-	-	-	-	-	-	-	-	-	4	3	19	2		
-7	-	-	9	29	-	-	-	-	-	-	-	-	1	*	-	-	-	-	-	-	1	1	11	2		
-8	-	-	7	24	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	1		
-9	-	-	5	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	6	1		
-10	-	-	2	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1		
-11	-	-	5	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1		
-12	-	-	7	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	1		
-13	-	-	3	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1		
-14	-	-	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*		
-15	-	-	8	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	*		
-16	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	*		
-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*		
-18	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*		
MEAN		9.3		7.3		8.9		9.5		10.2		11.0		12.4		12.9		12.7		12.3		10.4		5.9		10.4
S.D.		3.5		4.8		2.3		2.2		2.1		2.1		1.3		1.2		0.9		1.6		3.1		4.0		3.1
TOTAL		734		1735		2220		3414		5713		4206		3123		2758		1707		1230		2082		1858		30780
MAX		15.3		14.1		14.2		14.7		16.0		17.4		17.8		18.7		16.3		16.2		15.9		12.9		18.7
DATE	2000011819	2000021420	1989031112	1989041322	1993052001	1993062519	1993073119	1993080120	2001090320	2001103021	2001111220	2001123118	1993080120													
MIN		-5.4		-17.6		-4.4		-7.8		-5.7		5.0		8.1		-6.9		9.9		2.9		-4.2		-8.5		-17.6
DATE	2000010815	1989020709	2000032115	1999041712	2001050411	1991061416	2000071711	1994081219	2001093008	1995102314	1998111012	1999120515	1989020709													

(* < 0.05% , # = 100.0%)

STATION: PTGCI

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

ELEMENT: AIR - DEW POINT TEMPERATURE (DEGREES C) -- POR: (2/1989 - 12/2001) (30758 RECORDS, 21.5% 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	
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
33	-	-	-	-	-	-	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
28	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	2	999	
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999
26	-	-	1	999	-	-	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	999
25	-	-	-	-	-	-	1	999	1	#	-	-	-	-	-	-	-	-	-	-	-	-	6	999	8	999	
24	-	-	-	-	-	-	2	999	4	999	-	-	-	-	-	-	-	-	-	-	-	-	9	996	15	999	
23	-	-	3	999	-	-	4	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	991	11	999	
22	1	#	3	997	-	-	10	997	1	999	-	-	-	-	-	-	-	-	-	-	-	-	14	989	29	999	
21	1	999	7	995	-	-	6	994	1	999	-	-	-	1	#	-	-	-	-	-	-	-	14	982	30	998	
20	-	-	5	991	-	-	7	992	-	-	-	-	-	-	-	-	-	-	1	#	-	-	13	974	26	997	
19	1	997	5	988	1	#	10	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	967	43	996	
18	3	996	9	986	-	-	10	987	1	999	-	-	-	-	-	-	-	-	3	999	2	#	19	953	47	995	
17	2	992	6	980	2	999	10	984	-	-	-	-	-	-	-	-	-	-	2	997	5	999	11	943	38	993	
16	3	989	14	977	-	-	7	981	2	999	-	-	-	-	-	-	-	-	4	995	5	997	19	937	54	992	
15	6	985	15	969	1	999	5	979	-	-	-	-	-	-	-	-	-	-	4	992	7	994	18	927	56	990	
14	7	977	18	960	2	998	6	978	2	998	-	-	-	-	-	-	-	-	2	989	8	991	33	917	78	988	
13	5	967	14	950	6	997	7	976	1	998	-	-	-	-	-	-	-	-	4	987	9	987	53	899	99	986	
12	8	960	18	942	7	995	11	974	1	998	-	-	-	-	-	-	-	-	8	984	19	983	39	871	111	982	
11	12	950	25	931	10	991	17	971	7	998	-	-	-	-	-	-	1	#	6	977	13	974	56	850	147	979	
10	6	933	23	917	19	987	20	966	9	996	2	#	-	-	-	-	1	999	10	972	25	967	61	820	176	974	
9	11	925	38	904	20	978	17	960	5	995	4	999	-	-	-	-	2	999	9	964	28	955	82	787	216	968	
8	16	910	43	882	25	969	15	955	16	994	7	999	1	#	-	-	1	998	18	957	31	942	94	743	267	961	
7	20	888	64	857	42	958	26	950	21	991	9	997	4	999	1	999	1	997	20	942	48	927	119	692	375	953	
6	28	861	79	820	63	939	56	943	67	987	40	995	1	998	2	999	10	996	20	926	100	904	162	628	628	940	
5	40	823	97	775	123	911	100	926	135	976	119	985	36	998	2	999	32	991	29	910	129	856	183	541	1025	920	
4	59	768	179	719	182	855	266	897	437	952	369	957	79	987	25	998	51	972	69	886	184	794	232	442	2132	887	
3	99	688	244	616	362	773	631	819	882	875	570	869	234	961	82	989	118	942	107	830	300	705	232	318	3861	817	
2	145	553	334	475	537	610	998	634	1673	721	902	734	867	886	469	959	233	872	277	743	433	561	185	193	7053	692	
1	136	356	298	282	468	368	732	342	1540	428	1077	519	1263	608	1013	788	516	735	357	518	506	353	150	93	8056	463	
0	125	170	192	111	346	157	420	127	875	158	1081	263	636	204	1156	420	735	432	280	228	229	110	23	12	6098	201	
-1	-	-	-	-	3	1	15	4	29	5	25	6	-	-	-	-	-	-	-	-	-	-	-	-	-	72	2
MEAN		3.3		3.9		2.5		2.6		1.9		1.7		1.3		0.8		1.0		2.2		3.0		6.5		2.3	
S.D.		3.6		4.2		2.3		3.3		1.7		1.5		1.0		0.9		1.3		2.8		2.9		5.1		2.8	
TOTAL		734		1735		2219		3413		5710		4205		3121		2751		1701		1230		2081		1858		30758	
MAX		21.5		28.0		18.8		33.2		25.1		10.4		7.9		21.3		11.3		19.7		18.4		28.0		33.2	
DATE	2000011512	1990022308	2000032115	1999041708	2001050411	1																					

32	25	958	40	878	49	908	47	929	73	968	43	989	45	984	18	992	6	996	9	982	46	955	55	911	456	958	
31	38	950	30	860	38	886	45	911	74	948	68	977	63	972	32	987	11	994	11	979	55	941	54	896	519	946	
30	38	937	53	846	73	868	54	894	95	928	85	958	96	954	70	978	30	991	19	974	44	924	51	881	708	932	
29	43	924	48	822	64	834	82	874	120	901	92	934	108	928	128	959	52	983	18	967	65	910	72	867	892	914	
28	48	909	39	800	70	805	103	843	154	868	133	908	154	899	195	924	77	968	35	959	62	891	72	848	1142	890	
27	64	893	48	782	51	772	93	805	159	826	134	870	130	857	218	871	106	946	49	945	58	872	76	828	1186	859	
26	92	871	77	760	87	749	137	770	227	782	204	833	186	821	279	812	142	916	56	926	88	854	96	808	1671	828	
25	72	840	71	724	61	708	125	719	213	720	144	775	192	771	242	737	147	876	77	903	87	827	88	782	1519	783	
24	93	815	70	692	64	680	117	672	216	661	154	734	156	718	186	671	169	835	97	872	94	801	88	758	1504	743	
23	123	784	71	660	81	651	140	628	228	602	190	691	173	676	243	620	161	787	102	833	142	772	131	734	1785	702	
22	117	742	87	627	90	613	141	576	182	539	166	637	173	629	178	555	169	741	121	793	125	729	131	699	1680	655	
21	122	702	81	587	96	571	129	523	209	489	168	591	154	581	185	506	192	694	120	744	164	691	141	664	1761	610	
20	129	660	72	550	72	527	122	475	142	431	143	543	146	539	139	456	163	639	117	696	153	641	121	625	1519	563	
19	153	616	107	517	110	494	119	429	169	392	181	503	204	500	177	418	205	593	150	649	229	594	165	593	1969	523	
18	117	564	85	468	100	443	102	385	119	346	167	452	150	444	134	370	179	535	99	589	161	524	116	548	1529	470	
17	127	524	69	429	88	397	95	346	86	313	131	405	121	403	130	334	153	485	110	549	144	475	128	517	1382	429	
16	130	481	93	397	72	356	82	311	101	289	122	368	137	370	130	299	152	441	127	505	148	431	135	482	1429	392	
15	138	437	75	355	79	323	83	280	79	262	129	334	129	333	117	263	132	398	130	454	145	386	141	446	1377	354	
14	113	390	73	320	66	286	73	249	85	240	99	297	115	298	104	232	137	361	105	402	110	342	143	408	1223	318	
13	137	351	69	287	69	255	95	222	89	217	115	269	138	266	111	203	160	322	102	360	103	309	133	369	1321	285	
12	125	304	94	255	79	224	84	186	95	192	122	237	112	229	118	173	180	277	131	319	117	277	163	333	1420	250	
11	101	262	68	212	58	187	67	155	88	166	117	202	113	198	127	141	134	226	96	266	118	242	146	289	1233	212	
10	94	227	67	181	61	160	43	130	57	142	101	169	101	167	82	107	127	188	81	228	100	206	111	249	1025	179	
9	105	195	68	150	62	132	55	114	65	126	105	141	104	140	101	85	125	152	87	195	104	175	140	219	1121	152	
8	85	160	55	119	61	103	64	93	83	108	84	111	105	111	62	57	94	117	102	160	92	144	142	182	1029	122	
7	66	131	49	94	33	75	51	69	73	85	82	88	71	83	47	40	81	90	82	119	63	115	137	143	835	94	
6	90	108	55	71	52	60	48	50	72	65	93	65	91	63	37	28	87	68	65	86	82	96	127	106	899	72	
5	126	77	59	46	39	36	51	32	85	45	85	38	85	38	46	18	87	43	66	60	73	71	144	72	946	48	
4	66	34	26	19	22	18	23	13	46	22	40	14	37	15	16	5	44	18	44	34	48	49	86	33	498	23	
3	30	12	13	7	15	7	6	4	24	9	10	3	12	5	3	1	15	6	28	16	21	34	28	10	205	9	
2	5	2	2	1	1	*	6	2	9	3	1	*	7	2	-	-	6	2	10	5	47	28	8	2	102	4	
1	-	-	-	-	-	-	-	-	1	*	-	-	-	-	-	-	-	-	2	1	-	-	-	-	3	1	
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	14	-	-	45	1
MEAN	17.2	20.3	20.1	20.6	20.3	18.8	19.0	20.1	17.3	16.5	17.9	18.1	18.8														
S.D.	8.1	10.5	8.8	8.5	7.8	7.4	7.6	6.8	6.8	7.3	8.9	9.6	8.2														
TOTAL	2934	2180	2161	2673	3634	3547	3667	3537	2492	3282	3700	37493															
MAX	50.3	69.8	45.5	54.6	41.0	35.6	39.1	45.3	40.0	47.2	116.6	60.3	116.6														
DATE	2001011020	1998020614	1998032812	1999040404	1998050120	1999061304	1998070115	1997082005	1998091004	1997100704	1999110811	1997120519	1999110811														
MIN	1.6	2.1	2.3	1.6	1.2	2.1	1.7	3.1	1.6	1.4	0.0	1.7	0.0														
DATE	1998012310	2000022611	1999031812	1998042408	2001052513	1998061617	2001072512	2000080302	2000090212	1999101105	1999111813	1998121905	1999111813														

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: PTGCL

(A) TOTAL STD MET RECORDS READ = 142766
 (B) TOTAL C WIND RECORDS READ = 238709
 (C) TOTAL RECORDS USED IN STATS = 381475

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	127528	0	0	30780	136390	139985	139674	37493	0	0	0	0
(E) ELEMENT OUT OF RANGE	15238	142766	142766	111986	6376	2781	3092	201216	142766	142766	142766	142766

STATION: PTGCL -- POR (4/1984 - 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	-	-	-	10.1	12.1	12.2	14.5	15.5	18.0	15.2	13.3	12.0	13.9
	MAXIMUM	-	-	-	13.0	25.8	15.1	18.9	21.8	31.0	21.3	17.6	19.2	31.0
	DAY-HR	-	-	-	23-18	08-09	06-22	18-23	30-23	09-08	25-17	04-19	07-18	SEP
	MINIMUM	-	-	-	7.9	8.5	9.9	11.2	11.3	13.5	11.3	7.9	7.5	7.5
	DAY-HR	-	-	-	27-13	19-13	22-13	01-12	07-14	04-05	28-13	26-14	29-14	DEC
	# OBS	-	-	-	168	732	715	736	736	689	491	649	738	5654
1985	MEAN	12.0	10.1	-	-	-	-	-	-	-	-	-	-	11.6
	MAXIMUM	18.7	12.6	-	-	-	-	-	-	-	-	-	-	18.7
	DAY-HR	05-09	04-23	-	-	-	-	-	-	-	-	-	-	JAN
	MINIMUM	6.7	6.9	-	-	-	-	-	-	-	-	-	-	6.7
	DAY-HR	30-14	10-15	-	-	-	-	-	-	-	-	-	-	JAN
	# OBS	739	236	-	-	-	-	-	-	-	-	-	-	975
1986	MEAN	14.2	13.0	13.0	12.5	11.7	13.1	14.0	13.4	14.4	15.1	15.3	14.0	13.6
	MAXIMUM	23.0	21.0	19.5	20.6	15.6	15.6	20.9	17.1	18.0	26.2	20.8	18.9	26.2
	DAY-HR	12-22	24-17	20-09	21-04	03-09	18-05	24-21	18-18	29-15	04-17	17-20	02-14	OCT
	MINIMUM	10.3	7.3	9.0	9.1	8.6	10.3	10.3	11.1	10.7	11.9	9.1	9.8	7.3
	DAY-HR	14-14	08-15	14-15	30-16	07-13	22-10	02-13	26-12	16-14	20-15	04-14	25-14	FEB
	# OBS	726	650	724	713	713	719	743	743	719	741	696	741	8628

1987	MEAN	11.8	13.1	12.3	12.4	13.2	12.9	13.9	14.7	14.8	17.0	14.5	11.8	13.3
	MAXIMUM	16.3	24.8	19.3	24.4	18.5	17.4	18.6	18.9	20.7	36.4	23.4	16.3	36.4
	DAY-HR	11-21	06-19	30-20	22-07	05-21	15-23	21-22	22-18	09-01	04-17	11-15	11-05	OCT
	MINIMUM	4.5	6.2	7.4	9.1	10.9	10.7	11.1	11.0	11.7	13.3	9.0	4.6	4.5
	DAY-HR	16-16	24-19	20-13	19-11	30-13	25-10	31-12	02-16	20-14	02-15	26-15	24-15	JAN
	# OBS	738	671	743	716	740	715	744	744	679	261	661	679	8091
1988	MEAN	12.6	13.6	13.5	12.9	11.7	12.7	14.1	15.1	13.9	14.1	13.0	12.1	13.3
	MAXIMUM	22.2	22.8	23.6	21.6	16.1	17.0	19.4	18.8	18.2	22.7	21.5	23.1	23.6
	DAY-HR	27-19	12-05	25-16	01-19	21-02	20-23	20-20	25-18	27-09	17-02	05-06	08-19	MAR
	MINIMUM	7.7	8.4	9.7	9.4	9.0	8.9	10.7	10.8	10.2	11.6	9.1	5.0	5.0
	DAY-HR	12-14	03-14	17-11	26-14	06-13	01-14	10-09	17-13	07-15	04-16	18-13	26-15	DEC
	# OBS	713	522	436	719	742	719	742	738	717	744	717	740	8249
1989	MEAN	10.8	10.2	11.5	13.6	11.9	12.7	12.7	13.7	13.4	15.3	15.3	14.5	13.0
	MAXIMUM	19.8	17.9	17.6	28.2	15.5	16.4	14.9	18.0	18.8	26.6	24.9	22.2	28.2
	DAY-HR	21-21	25-23	09-02	07-09	03-23	22-15	23-08	21-20	29-06	19-06	19-10	24-05	APR
	MINIMUM	4.2	3.6	7.1	9.7	8.6	8.8	10.9	11.2	10.8	11.0	9.6	8.6	3.6
	DAY-HR	08-15	06-05	04-08	25-14	31-16	01-10	17-14	05-13	22-14	07-14	27-13	29-15	FEB
	# OBS	742	671	742	717	734	538	480	739	719	737	718	740	8277
1990	MEAN	12.6	10.7	11.0	12.7	12.3	12.9	14.1	15.5	15.4	15.6	14.8	12.1	13.3
	MAXIMUM	19.3	20.4	18.7	17.5	15.6	19.9	18.0	19.9	20.2	25.1	26.0	21.6	26.0
	DAY-HR	24-23	23-08	16-07	04-16	01-23	09-23	16-21	06-18	22-20	09-07	11-07	03-21	NOV
	MINIMUM	6.7	4.2	6.6	9.6	9.9	10.0	11.7	13.2	12.0	10.5	8.7	1.3	1.3
	DAY-HR	17-15	15-09	12-13	01-13	05-13	19-14	03-18	01-14	06-15	26-15	27-08	22-05	DEC
	# OBS	741	668	738	715	652	715	741	742	718	743	718	740	8631
1991	MEAN	12.1	12.5	11.4	11.4	10.6	11.7	13.6	14.4	14.2	14.2	14.0	13.2	12.7
	MAXIMUM	19.3	20.4	16.7	15.3	13.6	19.1	17.1	25.3	17.4	18.7	23.5	20.5	25.3
	DAY-HR	17-10	05-08	08-12	04-22	05-22	30-22	19-22	13-08	06-23	21-20	06-12	15-21	AUG
	MINIMUM	8.7	7.3	6.1	7.7	8.7	9.3	11.7	11.6	11.2	11.1	8.8	8.2	6.1
	DAY-HR	24-11	09-14	15-15	14-16	05-13	05-08	15-12	24-15	01-12	30-13	30-15	06-12	MAR
	# OBS	742	668	740	719	743	719	736	690	653	624	717	736	8487
1992	MEAN	13.2	14.5	13.7	13.9	14.1	14.3	15.2	14.2	14.7	15.8	15.5	12.7	14.3
	MAXIMUM	19.9	22.7	17.9	18.4	19.1	18.4	23.5	18.8	20.9	27.3	23.3	18.0	27.3
	DAY-HR	28-21	27-20	26-22	26-02	10-22	25-18	09-08	30-21	25-14	23-14	15-07	01-22	OCT
	MINIMUM	8.2	10.2	10.2	10.7	11.2	10.8	11.7	11.2	11.2	11.6	9.9	5.7	5.7
	DAY-HR	12-11	15-14	07-14	27-15	23-14	17-15	31-15	02-15	23-14	07-09	21-12	19-12	DEC
	# OBS	738	679	736	718	741	714	735	737	711	736	713	738	8696
1993	MEAN	12.9	12.9	13.0	12.1	13.5	13.8	14.7	14.8	14.1	15.5	15.2	13.2	13.8
	MAXIMUM	19.4	17.8	17.5	16.6	20.3	21.2	19.7	19.4	20.3	25.3	22.7	18.9	25.3
	DAY-HR	26-06	05-05	14-10	17-22	19-15	25-00	25-23	01-22	28-02	27-22	02-19	03-21	OCT
	MINIMUM	4.6	8.7	9.4	9.4	9.3	10.6	11.1	11.7	10.2	10.7	9.7	7.9	4.6
	DAY-HR	03-15	27-10	28-03	30-15	12-13	16-14	02-10	22-10	26-12	08-12	24-15	16-14	JAN
	# OBS	733	630	725	618	740	713	738	732	715	742	715	744	8545
1994	MEAN	13.0	12.1	12.4	11.9	11.8	10.7	-	14.3	14.3	15.1	12.2	12.0	12.8
	MAXIMUM	21.0	15.2	23.1	19.5	17.0	14.3	-	18.9	19.8	28.7	19.3	18.5	28.7
	DAY-HR	19-05	01-00	13-14	12-06	31-19	01-00	-	16-02	16-02	09-10	01-05	20-17	OCT
	MINIMUM	8.5	8.0	8.3	8.8	9.1	7.0	-	12.2	9.6	9.5	6.3	6.6	6.3
	DAY-HR	25-02	19-10	24-22	28-14	29-13	12-11	-	28-15	04-14	19-15	19-15	08-14	NOV
	# OBS	739	600	705	719	741	250	-	410	704	731	711	738	7048
1995	MEAN	12.6	13.9	13.4	12.3	11.8	12.3	14.1	13.6	14.3	15.8	-	-	13.3
	MAXIMUM	17.7	27.0	18.8	21.8	16.3	16.0	26.4	16.4	23.5	22.5	-	-	27.0
	DAY-HR	31-18	02-10	30-12	22-16	01-21	26-20	06-14	29-01	07-07	03-01	-	-	FEB
	MINIMUM	7.4	8.3	8.3	8.0	8.9	10.0	11.1	10.2	11.4	11.5	-	-	7.4
	DAY-HR	17-13	15-14	25-14	24-14	06-08	23-14	28-12	13-14	01-18	22-14	-	-	JAN
	# OBS	737	664	737	713	743	714	739	738	712	288	-	-	6785
1997	MEAN	-	-	-	11.7	13.6	13.6	14.1	16.6	17.3	17.1	16.5	13.6	15.2
	MAXIMUM	-	-	-	19.2	20.1	18.2	16.9	24.7	25.2	29.6	28.9	18.8	29.6
	DAY-HR	-	-	-	26-10	31-16	01-06	23-19	19-18	08-09	16-09	03-07	31-05	OCT
	MINIMUM	-	-	-	9.7	9.6	11.3	11.3	12.9	13.0	12.8	10.7	7.3	7.3
	DAY-HR	-	-	-	28-14	08-13	24-17	04-17	07-16	23-14	11-15	27-04	22-16	DEC
	# OBS	-	-	-	188	730	711	727	734	712	737	702	737	5978
1998	MEAN	13.5	12.9	12.9	11.7	12.9	13.7	14.1	15.0	15.7	15.2	13.0	11.0	13.3
	MAXIMUM	17.7	16.1	18.9	16.5	17.2	16.7	17.4	17.3	19.3	15.5	18.7	24.3	24.3
	DAY-HR	01-15	08-00	10-09	22-07	03-20	17-20	16-18	12-22	05-14	01-19	25-16	16-07	DEC
	MINIMUM	7.0	8.7	6.2	7.5	9.9	11.2	11.0	12.7	13.2	15.1	9.7	1.7	1.7
	DAY-HR	06-09	15-15	29-13	01-11	13-14	28-15	07-14	22-15	12-16	01-09	09-15	21-13	DEC
	# OBS	716	665	706	687	710	687	734	783	714	13	670	739	7824
1999	MEAN	12.4	11.2	10.4	10.7	10.8	11.3	13.4	13.1	13.7	14.4	13.4	13.3	12.2
	MAXIMUM	22.1	15.2	17.9	25.5	14.7	15.2	16.4	15.9	25.2	23.2	19.0	23.1	25.5
	DAY-HR	14-16	02-18	02-15	17-08	31-22	23-00	15-23	08-17	22-19	09-03	01-01	20-07	APR
	MINIMUM	7.6	6.1	6.1	5.2	8.8	8.9	11.4	10.3	11.2	10.1	8.7	8.1	5.2
	DAY-HR	25-14	10-15	15-14	09-14	06-12	12-16	06-13	24-14	29-15	12-09	04-15	10-13	APR
	# OBS	740	660	720	719	744	720	742	736	713	271	702	743	8210

2000	MEAN	12.6	12.6	11.6	12.0	11.9	13.3	13.1	13.5	15.4	14.3	12.4	13.3	13.0
	MAXIMUM	23.3	18.7	17.3	21.6	25.0	17.0	16.9	18.2	24.0	18.4	20.4	22.1	25.0
	DAY-HR	15-12	02-23	31-13	01-15	22-01	14-11	13-01	02-08	13-21	24-02	04-13	05-19	MAY
	MINIMUM	9.0	8.5	7.8	8.4	9.0	10.0	10.6	11.5	10.3	10.3	8.5	8.3	7.8
	DAY-HR	02-16	24-14	06-11	12-11	31-14	04-14	22-16	09-14	12-14	20-12	15-08	31-14	MAR
	# OBS	734	691	740	707	732	717	738	744	720	737	718	743	8721
2001	MEAN	11.9	11.4	12.0	10.7	12.9	13.4	13.7	13.2	14.1	14.3	13.6	12.0	12.8
	MAXIMUM	23.4	23.6	17.4	15.1	19.7	18.0	17.1	15.5	19.8	23.2	18.8	19.7	23.6
	DAY-HR	04-19	04-17	19-17	06-22	04-12	15-03	03-22	05-02	30-17	13-11	09-09	28-07	FEB
	MINIMUM	6.5	4.8	9.1	6.6	9.3	10.2	11.6	10.8	11.4	10.9	8.4	7.3	4.8
	DAY-HR	17-11	13-14	09-18	09-14	01-15	09-13	23-16	17-17	23-14	10-13	27-11	15-15	FEB
	# OBS	744	671	737	716	743	718	743	739	711	744	719	744	8729
POR	MEAN	12.6	12.4	12.2	12.1	12.3	12.9	14.0	14.4	14.8	15.2	14.1	12.7	13.3
	MAXIMUM	23.4	27.0	23.6	28.2	25.8	21.2	26.4	25.3	31.0	36.4	28.9	24.3	36.4
	YEAR	2001	1995	1988	1989	1984	1993	1995	1991	1984	1987	1997	1998	OCT/1987
	MINIMUM	4.2	3.6	6.1	5.2	8.5	7.0	10.3	10.2	9.6	9.5	6.3	1.3	1.3
	YEAR	1989	1989	1999	1999	1984	1994	1986	1995	1994	1994	1994	1990	DEC/1990
	# OBS	11022	9346	9929	10252	11680	10784	10818	11485	11306	9340	10526	11040	127528

STATION: PTGCL -- POR (2/1989 - 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	
1989	MEAN	-	6.2	9.6	10.3	10.7	11.7	12.0	12.8	12.8	-	-	-	10.5	
	MAXIMUM	-	11.7	14.2	14.7	14.0	15.9	14.8	15.1	14.3	-	-	-	15.9	
	DAY-HR	-	26-06	11-12	13-22	07-09	22-18	23-08	24-19	08-04	-	-	-	-	JUN
	MINIMUM	-	-17.6	-2.9	-2.8	7.4	8.8	10.4	10.9	11.1	-	-	-	-	-17.6
	DAY-HR	-	07-09	04-11	30-10	24-17	01-10	16-12	01-13	05-16	-	-	-	-	FEB
	# OBS	-	670	742	717	734	536	482	739	277	-	-	-	-	4897
1990	MEAN	-	4.9	8.6	10.5	10.3	11.9	-	-	-	-	-	-	9.1	
	MAXIMUM	-	11.5	12.3	13.6	14.3	15.4	-	-	-	-	-	-	15.4	
	DAY-HR	-	24-06	03-23	13-21	30-23	03-23	-	-	-	-	-	-	-	JUN
	MINIMUM	-	-16.4	2.0	6.4	4.2	9.7	-	-	-	-	-	-	-	-16.4
	DAY-HR	-	15-15	13-17	30-08	01-14	01-16	-	-	-	-	-	-	-	FEB
	# OBS	-	374	737	715	648	88	-	-	-	-	-	-	-	2562
1991	MEAN	-	-	-	-	7.8	8.1	10.4	-	-	-	-	-	8.1	
	MAXIMUM	-	-	-	-	10.2	11.5	12.4	-	-	-	-	-	12.4	
	DAY-HR	-	-	-	-	17-07	28-08	02-22	-	-	-	-	-	-	JUL
	MINIMUM	-	-	-	-	3.8	5.0	9.2	-	-	-	-	-	-	3.8
	DAY-HR	-	-	-	-	01-21	14-16	01-00	-	-	-	-	-	-	MAY
	# OBS	-	-	-	-	741	717	58	-	-	-	-	-	-	1516
1993	MEAN	-	-	-	9.7	11.4	12.0	13.5	14.4	-	-	-	-	12.6	
	MAXIMUM	-	-	-	10.8	16.0	17.4	17.8	18.7	-	-	-	-	18.7	
	DAY-HR	-	-	-	30-20	20-01	25-19	31-19	01-20	-	-	-	-	-	AUG
	MINIMUM	-	-	-	9.2	5.6	8.9	10.7	12.1	-	-	-	-	-	5.6
	DAY-HR	-	-	-	30-23	09-14	06-11	03-16	15-16	-	-	-	-	-	MAY
	# OBS	-	-	-	78	739	710	695	451	-	-	-	-	-	2673
1994	MEAN	-	-	-	-	-	-	13.1	-	-	-	-	-	13.1	
	MAXIMUM	-	-	-	-	-	-	15.0	-	-	-	-	-	15.0	
	DAY-HR	-	-	-	-	-	-	14-21	-	-	-	-	-	-	AUG
	MINIMUM	-	-	-	-	-	-	-6.9	-	-	-	-	-	-	-6.9
	DAY-HR	-	-	-	-	-	-	12-19	-	-	-	-	-	-	AUG
	# OBS	-	-	-	-	-	-	93	-	-	-	-	-	-	93
1995	MEAN	-	-	-	-	-	-	-	-	-	12.9	-	-	12.9	
	MAXIMUM	-	-	-	-	-	-	-	-	-	15.4	-	-	15.4	
	DAY-HR	-	-	-	-	-	-	-	-	-	19-12	-	-	-	OCT
	MINIMUM	-	-	-	-	-	-	-	-	-	2.9	-	-	-	2.9
	DAY-HR	-	-	-	-	-	-	-	-	-	23-14	-	-	-	OCT
	# OBS	-	-	-	-	-	-	-	-	-	215	-	-	-	215
1997	MEAN	-	-	-	9.5	11.1	-	-	-	-	-	-	-	10.8	
	MAXIMUM	-	-	-	12.1	15.9	-	-	-	-	-	-	-	15.9	
	DAY-HR	-	-	-	23-13	16-23	-	-	-	-	-	-	-	-	MAY
	MINIMUM	-	-	-	6.5	6.4	-	-	-	-	-	-	-	-	6.4
	DAY-HR	-	-	-	26-14	14-00	-	-	-	-	-	-	-	-	MAY
	# OBS	-	-	-	185	633	-	-	-	-	-	-	-	-	818
1998	MEAN	-	-	-	-	-	-	-	-	-	-	9.5	5.5	8.0	
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	13.6	12.2	13.6	
	DAY-HR	-	-	-	-	-	-	-	-	-	-	24-08	03-16	NOV	

	MINIMUM	-	-	-	-	-	-	-	-	-	-	-4.2	-3.7	-4.2
	DAY-HR	-	-	-	-	-	-	-	-	-	-	10-12	08-12	NOV
	# OBS	-	-	-	-	-	-	-	-	-	-	669	376	1045
1999	MEAN	-	-	-	7.5	8.6	10.0	12.2	12.4	12.7	11.7	10.4	4.7	10.0
	MAXIMUM	-	-	-	12.0	11.0	13.5	15.5	14.8	14.8	16.0	15.0	11.9	16.0
	DAY-HR	-	-	-	17-23	23-04	30-22	13-11	12-00	22-23	11-06	16-20	01-00	OCT
	MINIMUM	-	-	-	-7.8	5.4	6.6	10.0	9.9	10.4	3.5	-2.7	-8.5	-8.5
	DAY-HR	-	-	-	17-12	15-16	03-21	28-16	31-15	10-19	09-03	23-13	05-15	DEC
	# OBS	-	-	-	509	744	720	741	735	713	271	702	741	5876
2000	MEAN	9.3	9.6	8.4	9.7	10.7	12.7	11.5	-	-	-	-	-	10.2
	MAXIMUM	15.3	14.1	11.7	13.8	15.1	15.9	13.3	-	-	-	-	-	15.9
	DAY-HR	18-19	14-20	15-10	13-21	23-23	15-16	14-00	-	-	-	-	-	JUN
	MINIMUM	-5.4	1.4	-4.4	-2.4	5.0	8.1	8.1	-	-	-	-	-	-5.4
	DAY-HR	08-15	03-11	21-15	01-05	11-15	05-12	17-11	-	-	-	-	-	JAN
	# OBS	734	691	741	705	732	717	404	-	-	-	-	-	4724
2001	MEAN	-	-	-	8.4	11.2	11.8	12.5	12.5	12.7	12.4	11.2	7.4	11.2
	MAXIMUM	-	-	-	10.9	15.4	15.7	15.6	14.2	16.3	16.2	15.9	12.9	16.3
	DAY-HR	-	-	-	25-18	24-21	21-22	06-19	24-03	03-20	30-21	12-20	31-18	SEP
	MINIMUM	-	-	-	3.5	-5.7	8.9	10.2	10.8	9.9	4.2	-0.4	-5.6	-5.7
	DAY-HR	-	-	-	21-19	04-11	14-04	11-15	17-17	30-08	13-13	28-16	28-04	MAY
	# OBS	-	-	-	505	742	718	743	740	717	744	711	741	6361
POR	MEAN	9.3	7.3	8.9	9.5	10.2	11.0	12.4	12.9	12.7	12.3	10.4	5.9	10.4
	MAXIMUM	15.3	14.1	14.2	14.7	16.0	17.4	17.8	18.7	16.3	16.2	15.9	12.9	18.7
	YEAR	2000	2000	1989	1989	1993	1993	1993	1993	2001	2001	2001	2001	AUG/1993
	MINIMUM	-5.4	-17.6	-4.4	-7.8	-5.7	5.0	8.1	-6.9	9.9	2.9	-4.2	-8.5	-17.6
	YEAR	2000	1989	2000	1999	2001	1991	2000	1994	2001	1995	1998	1999	FEB/1989
	# OBS	734	1735	2220	3414	5713	4206	3123	2758	1707	1230	2082	1858	30780

STATION: PTGCL -- POR (4/1984 - 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	-	-	-	1016.1	-	-	1014.1	1014.0	1011.3	1016.0	1018.6	1015.9	1015.0
	MAXIMUM	-	-	-	1024.4	-	-	1020.5	1018.6	1017.6	1022.1	1025.4	1025.6	1025.6
	DAY-HR	-	-	-	29-17	-	-	24-20	29-17	27-17	18-12	27-18	30-06	DEC
	MINIMUM	-	-	-	1009.3	-	-	1007.3	1007.8	1003.2	1010.3	1006.7	1005.6	1003.2
	DAY-HR	-	-	-	24-11	-	-	14-02	09-11	22-00	16-00	13-03	27-12	SEP
	# OBS	-	-	-	168	-	-	512	735	685	491	649	737	3977
1985	MEAN	1020.6	1019.4	-	-	-	-	-	-	-	-	-	-	1020.3
	MAXIMUM	1028.1	1026.6	-	-	-	-	-	-	-	-	-	-	1028.1
	DAY-HR	02-17	10-19	-	-	-	-	-	-	-	-	-	-	JAN
	MINIMUM	1015.3	1011.9	-	-	-	-	-	-	-	-	-	-	1011.9
	DAY-HR	21-22	02-12	-	-	-	-	-	-	-	-	-	-	FEB
	# OBS	739	236	-	-	-	-	-	-	-	-	-	-	975
1986	MEAN	1019.8	1017.4	1017.1	1016.5	1014.3	1014.2	1015.8	1013.6	1014.6	1015.6	1017.6	1018.6	1016.2
	MAXIMUM	1029.9	1025.3	1026.1	1024.2	1020.6	1018.1	1021.3	1017.5	1020.2	1022.5	1026.7	1025.8	1029.9
	DAY-HR	08-18	21-16	21-06	08-18	04-18	17-21	25-17	27-17	16-19	24-18	23-17	29-18	JAN
	MINIMUM	1006.0	1004.0	1003.3	1009.6	1009.4	1009.5	1010.9	1009.5	1007.8	1005.6	1008.5	1012.4	1003.3
	DAY-HR	30-10	14-22	10-11	05-12	25-11	09-10	21-07	24-03	24-23	02-11	18-11	16-00	MAR
	# OBS	726	649	725	713	713	718	743	743	719	741	696	742	8628
1987	MEAN	1019.1	1016.5	1016.8	1016.0	1014.6	1015.0	1013.4	1014.7	1014.9	1015.9	1017.9	1018.4	1016.1
	MAXIMUM	1027.1	1023.0	1024.0	1020.2	1019.5	1020.7	1018.3	1019.7	1019.2	1022.7	1024.6	1026.0	1027.1
	DAY-HR	09-18	12-18	11-17	20-19	23-21	18-20	01-19	22-19	14-18	25-16	19-18	30-18	JAN
	MINIMUM	1005.5	1002.0	1009.5	1010.2	1009.9	1010.8	1009.3	1009.2	1010.1	1006.5	1006.6	995.9	995.9
	DAY-HR	05-03	24-01	15-12	04-01	13-12	06-01	09-10	06-01	12-11	31-23	01-00	16-22	DEC
	# OBS	738	671	743	717	740	714	744	744	679	262	661	679	8092
1988	MEAN	1019.8	1018.9	1017.8	1015.1	1016.1	-	1016.3	1013.5	1014.0	1016.5	1019.5	1021.0	1017.1
	MAXIMUM	1029.9	1025.6	1025.7	1022.8	1024.5	-	1019.7	1019.2	1022.0	1023.4	1026.7	1029.0	1029.9
	DAY-HR	20-18	05-18	17-19	24-18	01-18	-	21-18	03-18	26-19	08-18	29-18	27-17	JAN
	MINIMUM	986.7	1012.3	1011.3	1004.5	1010.2	-	1012.0	1006.8	1007.7	1012.5	1011.1	1009.1	986.7
	DAY-HR	17-22	16-11	31-02	21-12	19-10	-	17-03	31-02	05-11	27-10	25-11	15-22	JAN
	# OBS	713	522	436	717	742	-	436	738	717	744	717	740	7222
1989	MEAN	1021.6	1021.2	1018.8	1016.7	1017.1	1014.5	1015.9	1014.6	1013.9	1017.2	1017.8	1020.2	1017.6
	MAXIMUM	1033.6	1030.4	1025.9	1023.0	1022.4	1019.5	1021.1	1018.7	1019.0	1023.2	1026.2	1027.0	1033.6
	DAY-HR	08-18	10-19	05-17	03-17	23-18	02-18	12-19	05-18	30-17	26-15	30-17	02-18	JAN
	MINIMUM	1010.8	1011.7	1006.7	1009.3	1011.2	1005.9	1011.2	1010.7	1008.2	1009.7	1009.6	1012.0	1005.9
	DAY-HR	23-15	28-10	02-15	08-23	09-08	23-09	21-03	31-08	22-11	05-10	18-01	17-01	JUN
	# OBS	742	671	742	717	733	534	481	739	719	737	718	740	8273

1990	MEAN	1019.7	1021.1	1018.7	1016.5	1015.1	1014.4	1014.2	1015.4	1014.4	1015.4	1018.2	1019.1	1016.8
	MAXIMUM	1029.5	1027.9	1026.3	1023.9	1020.1	1020.0	1018.3	1019.9	1019.3	1020.9	1025.3	1026.2	1029.5
	DAY-HR	07-17	20-16	14-18	10-19	20-20	18-18	26-20	27-18	25-18	09-18	29-05	23-18	JAN
	MINIMUM	1009.6	1013.1	1012.4	1008.0	1006.5	1008.2	1009.4	1011.7	1008.9	1010.3	1009.1	1008.9	1006.5
	DAY-HR	30-22	01-11	09-11	16-12	28-09	29-01	15-11	24-02	21-01	03-01	19-23	20-01	MAY
	# OBS	740	667	737	715	648	715	741	742	718	743	718	740	8624
1991	MEAN	1020.0	1018.0	1015.6	1017.5	1016.0	1014.6	1015.2	1015.9	1014.0	1014.1	1017.6	1016.9	1016.3
	MAXIMUM	1026.6	1027.7	1024.6	1023.6	1021.6	1018.7	1020.3	1020.4	1019.6	1022.4	1026.7	1025.8	1027.7
	DAY-HR	12-18	19-17	03-06	02-07	12-04	19-20	27-20	12-18	03-17	31-17	20-17	02-18	FEB
	MINIMUM	1011.1	994.1	994.8	1011.9	1009.2	1009.2	1008.9	1009.8	1008.5	1004.7	1008.2	1002.7	994.1
	DAY-HR	09-15	28-14	01-09	30-03	31-03	01-04	01-11	10-01	06-02	20-23	14-22	29-14	FEB
	# OBS	742	670	738	719	742	719	734	687	651	628	718	737	8485
1992	MEAN	1017.2	1015.6	1014.5	1015.8	1014.3	1013.4	1014.5	1014.7	1013.1	1014.5	1017.9	1017.6	1015.3
	MAXIMUM	1025.2	1023.6	1021.9	1020.2	1020.1	1020.5	1019.2	1020.3	1018.9	1020.5	1028.9	1025.0	1028.9
	DAY-HR	16-06	22-06	10-16	06-19	07-19	13-05	25-20	26-18	03-18	15-18	26-18	09-08	NOV
	MINIMUM	1003.2	1001.0	1002.1	1011.1	1006.9	1007.8	1009.7	1006.8	1007.0	1009.8	1010.7	1007.0	1001.0
	DAY-HR	05-09	10-00	02-14	19-01	10-00	06-10	03-10	24-08	25-13	30-12	09-01	07-12	FEB
	# OBS	738	681	736	719	741	715	732	736	711	737	713	739	8698
1993	MEAN	1015.0	1015.1	1018.5	1016.6	1014.4	1012.1	1013.7	1013.4	1013.6	1015.2	1016.9	1019.1	1015.3
	MAXIMUM	1027.6	1025.9	1026.4	1021.7	1019.5	1019.5	1018.9	1020.2	1019.4	1020.5	1023.1	1029.3	1029.3
	DAY-HR	20-18	01-18	01-18	18-17	29-19	07-08	19-19	10-18	03-18	20-17	09-17	24-18	DEC
	MINIMUM	1001.4	993.3	1005.2	1011.4	1010.0	1006.3	1007.6	1009.6	1007.5	1008.2	1008.8	1006.8	993.3
	DAY-HR	18-10	08-04	25-22	13-01	11-12	17-01	01-10	29-02	13-02	29-10	12-21	11-16	FEB
	# OBS	723	631	726	613	739	714	738	731	712	741	715	743	8526
1994	MEAN	1019.6	1017.0	1016.9	1016.3	1014.8	1013.7	1014.4	1012.7	1013.6	1012.9	1018.0	1017.8	1015.9
	MAXIMUM	1026.0	1028.5	1024.1	1021.7	1019.4	1017.8	1018.6	1017.6	1017.1	1019.6	1027.6	1026.3	1028.5
	DAY-HR	12-18	12-18	13-18	29-18	19-19	20-20	19-18	01-17	18-18	24-19	27-18	08-19	FEB
	MINIMUM	1012.4	998.9	1005.1	1011.1	1009.0	1009.2	1009.9	1008.5	1008.6	1003.3	1007.9	1010.4	998.9
	DAY-HR	15-13	07-23	24-22	24-00	30-15	10-11	08-11	12-20	30-23	15-08	10-22	23-23	FEB
	# OBS	734	539	694	719	740	716	719	278	330	730	711	738	7648
1995	MEAN	1015.8	1017.1	1015.4	1015.8	1014.5	1013.6	1013.8	1010.9	1012.9	1014.2	1017.5	-	1014.6
	MAXIMUM	1024.7	1024.0	1024.0	1020.9	1020.0	1018.8	1018.3	1017.0	1016.6	1021.8	1021.7	-	1024.7
	DAY-HR	30-06	17-19	13-17	14-09	09-19	17-21	22-19	21-18	11-18	20-17	17-18	-	JAN
	MINIMUM	998.6	1003.6	1000.1	1007.3	1006.8	1007.1	1008.6	1004.8	1008.7	1008.5	1011.0	-	998.6
	DAY-HR	05-00	14-13	10-22	16-12	13-13	26-02	31-01	10-03	15-13	29-00	01-13	-	JAN
	# OBS	737	664	737	713	743	714	738	738	712	455	715	-	7666
1996	MEAN	-	1016.6	1017.1	1016.9	1015.0	1013.8	1013.4	1013.3	1012.6	1014.5	1017.1	1018.0	1015.2
	MAXIMUM	-	1022.9	1025.2	1024.7	1019.4	1017.8	1019.0	1017.9	1017.8	1023.8	1023.6	1026.8	1026.8
	DAY-HR	-	23-08	11-09	19-05	05-20	17-20	22-20	06-18	28-17	22-06	27-18	23-19	DEC
	MINIMUM	-	1009.2	1007.5	1010.2	1008.9	1009.4	1008.8	1008.0	1007.8	1006.4	1007.3	1000.3	1000.3
	DAY-HR	-	20-04	13-13	01-19	25-11	19-08	02-12	31-03	06-02	30-01	21-22	10-00	DEC
	# OBS	-	479	741	733	739	715	836	791	717	734	693	738	7916
1997	MEAN	1018.5	1018.6	1017.8	1016.2	1014.6	1013.2	1014.7	1014.9	1012.1	1015.3	1015.4	1018.2	1015.8
	MAXIMUM	1026.1	1024.4	1026.5	1021.3	1019.4	1018.9	1019.4	1019.3	1019.7	1021.7	1025.4	1032.6	1032.6
	DAY-HR	16-18	14-19	18-17	07-18	05-19	30-20	31-17	21-19	26-19	12-17	17-18	12-09	DEC
	MINIMUM	1003.9	1003.3	1010.0	1007.7	1010.2	1004.9	1009.3	1009.5	1004.4	1009.2	1000.9	998.6	998.6
	DAY-HR	13-04	28-03	11-12	04-01	19-00	07-02	03-12	20-00	25-10	07-12	26-11	06-14	DEC
	# OBS	736	655	739	709	730	711	726	734	711	737	702	737	8627
1998	MEAN	1017.9	1014.5	1016.0	1017.8	1016.9	1016.2	1015.0	1014.7	1009.4	-	1018.2	1022.0	1016.6
	MAXIMUM	1025.9	1025.5	1023.1	1025.3	1022.4	1023.0	1018.9	1019.7	1013.2	-	1024.7	1031.2	1031.2
	DAY-HR	14-19	10-19	01-06	08-19	15-06	13-19	07-19	13-18	05-18	-	24-18	10-18	DEC
	MINIMUM	1007.1	988.8	1006.7	1005.4	1006.3	1008.9	1009.9	1008.2	1004.6	-	1003.3	1013.3	988.8
	DAY-HR	09-20	03-12	25-12	11-17	13-06	17-01	16-11	31-23	03-01	-	28-12	30-23	FEB
	# OBS	716	665	706	687	710	687	734	782	282	-	670	739	7378
1999	MEAN	1020.0	1021.7	1017.3	1016.9	1016.5	1014.7	1015.2	1014.4	1012.7	1014.2	1019.4	1021.8	1017.2
	MAXIMUM	1026.5	1029.6	1023.6	1028.7	1020.2	1020.0	1021.3	1019.7	1018.1	1018.3	1027.5	1029.6	1029.6
	DAY-HR	28-18	10-18	01-19	09-18	31-16	05-19	23-21	17-18	25-18	04-17	24-19	24-18	DEC
	MINIMUM	1009.1	1011.0	1006.0	1007.0	1012.2	1009.2	1009.1	1007.1	1008.7	1010.2	1013.8	1014.6	1006.0
	DAY-HR	25-09	04-22	25-11	11-15	22-13	22-11	02-03	26-11	16-01	02-03	26-23	22-00	MAR
	# OBS	740	660	720	719	744	720	742	734	713	271	702	743	8208
2000	MEAN	1021.3	1018.6	1017.3	1017.5	1015.3	1014.1	1015.7	1014.4	1012.7	1014.9	1018.5	1019.9	1016.7
	MAXIMUM	1029.5	1026.6	1026.0	1022.8	1021.7	1020.5	1020.8	1018.7	1019.5	1022.5	1027.2	1028.2	1029.5
	DAY-HR	04-18	01-06	11-08	04-19	12-06	03-20	13-19	19-19	27-19	13-17	18-19	15-18	JAN
	MINIMUM	1013.0	1001.4	1001.0	1007.5	1010.9	1005.8	1010.4	1009.7	1005.0	1007.2	1008.4	1015.1	1001.0
	DAY-HR	15-22	20-23	05-13	17-09	23-20	17-02	31-02	14-07	22-12	22-13	06-22	08-00	MAR
	# OBS	734	691	741	707	732	716	733	743	720	733	718	744	8712
2001	MEAN	1019.9	1017.3	1016.6	1017.1	1013.9	1013.8	1014.2	1014.0	1012.3	1015.1	1016.8	1018.9	1015.8
	MAXIMUM	1027.9	1027.7	1023.4	1025.1	1019.1	1020.7	1019.1	1018.9	1016.1	1022.1	1022.7	1027.4	1027.9
	DAY-HR	25-18	02-09	08-18	22-19	14-19	27-19	08-18	02-19	20-19	29-18	19-19	06-08	JAN
	MINIMUM	1006.0	1001.4	1005.8	1011.8	1008.9	1008.1	1008.5	1006.6	1005.4	1007.1	1005.3	1008.2	1001.4
	DAY-HR	11-01	13-13	06-04	02-01	03-01	04-11	03-02	29-03	30-05	01-00	29-13	10-21	FEB
	# OBS	744	671	739	716	742	718	743	739	716	744	719	744	8735

POR	MEAN	1019.1	1017.9	1017.0	1016.6	1015.2	1014.1	1014.6	1014.1	1013.2	1015.1	1017.8	1019.0	1016.2
	MAXIMUM	1033.6	1030.4	1026.5	1028.7	1024.5	1023.0	1021.3	1020.4	1022.0	1023.8	1028.9	1032.6	1033.6
	YEAR	1989	1989	1997	1997	1988	1998	1999	1991	1988	1996	1992	1997	JAN/1989
	MINIMUM	986.7	988.8	994.8	1004.5	1006.3	1004.9	1007.3	1004.8	1003.2	1003.3	1000.9	995.9	986.7
	YEAR	1988	1998	1991	1988	1998	1997	1984	1995	1984	1994	1997	1987	JAN/1988
	# OBS	11742	10422	11400	11501	11678	10526	11832	12134	11212	10228	11935	11780	136390

STATION: PTGCL -- POR (4/1984 - 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	-	-	-	21.4	17.7	17.9	13.8	14.0	11.9	15.0	11.6	12.1	14.5
	MAXIMUM	-	-	-	48.0	41.0	31.1	28.0	29.0	28.0	31.1	35.0	46.1	48.0
	DAY-HR	-	-	-	26-03	15-06	29-04	10-05	03-03	20-07	13-17	19-02	13-03	APR
	MINIMUM	-	-	-	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	29-17	28-13	06-23	23-21	13-14	29-21	26-10	28-15	27-23	DEC
	# OBS	-	-	-	167	730	713	736	738	687	491	650	737	5649
1985	MEAN	8.4	13.8	-	-	-	-	-	-	-	-	-	-	9.7
	MAXIMUM	28.0	37.1	-	-	-	-	-	-	-	-	-	-	37.1
	DAY-HR	07-16	01-02	-	-	-	-	-	-	-	-	-	-	FEB
	MINIMUM	0.0	0.0	-	-	-	-	-	-	-	-	-	-	0.0
	DAY-HR	28-20	08-05	-	-	-	-	-	-	-	-	-	-	FEB
	# OBS	737	236	-	-	-	-	-	-	-	-	-	-	973
1986	MEAN	10.6	13.4	11.4	13.4	14.7	15.8	12.3	17.1	12.5	12.8	13.4	9.7	13.1
	MAXIMUM	40.0	37.1	32.1	35.0	28.0	27.0	28.0	30.1	27.0	34.0	41.0	29.0	41.0
	DAY-HR	30-01	12-14	15-17	02-08	21-12	01-08	20-06	23-10	05-06	31-04	30-02	24-22	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	31-23	28-14	30-06	22-20	29-20	24-13	23-15	14-15	25-02	24-04	24-11	31-06	DEC
	# OBS	726	649	724	713	713	719	743	743	719	740	696	742	8627
1987	MEAN	13.7	12.5	14.1	14.4	15.4	14.2	15.0	12.1	15.8	10.9	13.5	15.7	14.1
	MAXIMUM	45.1	38.1	38.1	35.0	31.1	30.1	30.1	28.0	29.0	28.0	36.2	47.0	47.0
	DAY-HR	13-16	16-06	16-04	18-12	25-07	09-06	05-06	05-04	02-07	02-12	14-09	23-02	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	27-22	25-17	29-06	20-14	20-13	30-13	16-13	30-14	28-12	31-09	20-09	31-17	DEC
	# OBS	738	671	743	717	740	715	744	744	679	262	655	679	8087
1988	MEAN	12.9	11.5	15.8	13.9	19.3	14.2	11.6	12.2	13.3	10.9	12.9	10.9	13.2
	MAXIMUM	51.1	33.0	35.0	43.9	45.1	29.9	28.6	29.2	31.3	28.0	36.7	33.4	51.1
	DAY-HR	18-10	18-14	28-14	30-23	01-02	26-10	14-04	15-11	03-12	22-09	18-01	21-10	JAN
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	29-05	24-02	29-16	23-04	20-15	25-11	31-06	25-19	25-05	31-12	30-09	31-15	DEC
	# OBS	713	521	436	719	742	717	742	738	717	744	715	740	8244
1989	MEAN	11.8	13.2	15.9	11.4	16.6	15.7	17.0	12.3	16.2	11.7	9.9	7.7	13.1
	MAXIMUM	33.8	37.9	39.3	28.4	30.5	29.9	31.5	26.4	28.6	29.5	30.7	34.6	39.3
	DAY-HR	11-08	08-23	02-15	11-01	09-00	09-07	15-07	14-08	22-10	25-23	26-16	06-18	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	30-15	25-15	25-15	30-15	07-12	22-13	22-12	25-14	18-15	31-17	30-16	28-14	DEC
	# OBS	742	666	742	718	737	538	482	739	719	738	718	740	8279
1990	MEAN	12.9	14.6	15.4	13.8	14.9	17.6	16.1	13.7	16.3	12.3	12.0	11.9	14.3
	MAXIMUM	37.9	43.0	30.5	34.8	29.4	28.4	26.8	29.9	27.6	26.8	43.5	34.8	43.5
	DAY-HR	27-12	14-02	05-09	24-08	06-15	25-00	21-05	05-07	11-07	16-02	26-09	20-13	NOV
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.2	0.0	0.0	0.0	0.0
	DAY-HR	28-15	24-15	30-14	28-11	10-12	20-15	16-19	03-13	22-08	24-17	29-10	26-09	DEC
	# OBS	741	668	738	715	658	715	741	742	719	743	718	737	8635
1991	MEAN	10.3	13.4	13.9	17.8	18.1	13.8	11.1	16.7	12.3	13.6	13.7	9.6	13.7
	MAXIMUM	34.4	34.0	40.4	40.0	38.1	30.3	27.4	29.2	29.7	39.3	40.2	38.9	40.4
	DAY-HR	16-03	18-03	19-07	11-00	09-07	22-04	29-12	03-04	17-05	27-13	30-00	19-11	MAR
	MINIMUM	0.0	0.0	0.0	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	26-05	14-14	31-11	21-15	24-12	29-02	01-11	14-07	06-14	20-13	23-06	15-16	DEC
	# OBS	736	670	740	718	743	720	737	697	661	631	717	736	8506
1992	MEAN	10.6	10.2	12.3	17.1	12.6	13.6	16.0	16.7	16.2	11.7	13.1	10.7	13.6
	MAXIMUM	36.9	31.1	32.3	34.0	29.0	30.1	30.3	29.0	28.4	25.5	32.1	33.0	36.9
	DAY-HR	11-18	02-01	31-06	18-16	09-03	14-09	30-12	06-02	21-07	19-05	23-12	06-19	JAN
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.6	0.2	0.0	0.0	0.0
	DAY-HR	30-15	28-12	30-07	13-04	11-02	22-06	10-01	26-11	14-00	26-16	26-07	25-11	DEC
	# OBS	738	145	734	719	741	715	734	736	710	736	711	737	8156
1993	MEAN	11.9	11.9	13.7	18.5	13.1	14.3	10.8	14.5	15.4	11.7	10.3	10.9	13.0
	MAXIMUM	43.9	41.8	29.9	31.9	33.4	30.5	27.0	28.4	31.9	29.0	36.4	31.5	43.9

	DAY-HR	12-20	08-04	21-11	02-12	08-07	22-07	21-14	11-08	12-08	03-03	14-14	02-11	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	31-15	23-13	28-07	28-19	24-04	18-13	25-11	29-14	27-14	28-17	26-15	30-14	DEC
	# OBS	733	635	726	617	739	714	737	731	639	743	714	744	8472
1994	MEAN	11.2	12.4	13.7	15.2	14.7	19.8	16.3	19.5	16.0	13.9	13.1	12.2	14.8
	MAXIMUM	37.5	35.2	36.9	27.8	27.2	32.7	31.7	33.0	27.0	40.6	38.3	37.3	40.6
	DAY-HR	06-00	17-12	22-16	10-00	12-04	13-00	27-13	29-06	07-04	15-06	26-15	25-04	OCT
	MINIMUM	0.0	0.0	0.0	0.0	0.2	1.0	1.0	0.6	0.0	0.2	0.0	0.0	0.0
	DAY-HR	31-14	03-04	02-17	11-14	30-03	11-05	17-18	22-16	22-06	18-15	23-16	20-16	DEC
	# OBS	739	599	708	718	741	716	719	604	704	732	711	738	8429
1995	MEAN	13.3	10.1	14.0	17.0	15.4	16.6	17.3	17.7	17.8	11.3	13.0	15.8	15.1
	MAXIMUM	53.3	30.7	39.9	43.5	29.9	35.2	33.4	32.9	32.9	27.6	33.2	39.9	53.3
	DAY-HR	04-17	18-14	10-19	09-03	12-10	05-13	29-10	10-17	14-07	16-16	27-06	24-21	JAN
	MINIMUM	0.0	0.0	0.0	1.0	0.2	0.0	0.2	0.8	0.2	0.0	0.0	0.0	0.0
	DAY-HR	19-16	27-14	22-07	30-02	01-14	27-12	14-12	23-18	19-08	02-15	25-16	26-13	DEC
	# OBS	733	664	737	713	743	714	739	738	712	455	715	738	8401
1996	MEAN	13.9	11.6	12.3	16.4	16.7	16.8	16.5	17.3	13.5	15.5	15.2	12.1	14.9
	MAXIMUM	40.0	31.1	37.3	34.4	30.7	31.1	31.3	31.1	29.0	42.0	41.8	38.5	42.0
	DAY-HR	22-17	24-10	23-07	25-18	29-03	17-09	24-05	25-10	29-09	26-05	29-01	10-00	OCT
	MINIMUM	0.4	0.0	0.0	0.0	0.2	0.0	0.2	1.2	0.4	0.0	0.0	0.0	0.0
	DAY-HR	28-08	06-01	14-09	15-06	25-14	09-13	28-15	30-15	25-11	22-15	27-18	28-17	DEC
	# OBS	735	690	741	733	739	715	836	791	717	733	693	738	8861
1997	MEAN	12.6	16.5	14.0	17.9	17.2	16.2	13.7	15.2	15.2	14.6	12.0	14.1	14.9
	MAXIMUM	35.0	42.2	36.7	40.0	31.1	29.2	31.7	30.1	27.2	38.3	32.7	38.7	42.2
	DAY-HR	25-15	27-15	31-23	24-08	10-09	06-04	01-14	06-09	15-20	07-04	20-15	06-14	FEB
	MINIMUM	0.0	0.0	0.0	0.8	0.0	1.4	0.0	0.0	0.4	0.0	0.0	0.2	0.0
	DAY-HR	30-15	10-08	29-14	03-21	19-09	26-09	27-12	19-11	28-15	14-11	27-17	30-17	NOV
	# OBS	736	655	739	711	730	711	727	731	713	737	702	737	8629
1998	MEAN	12.5	16.3	14.8	14.9	15.9	13.9	16.7	17.7	13.0	18.5	14.5	15.1	15.1
	MAXIMUM	29.9	47.6	33.4	39.3	29.4	30.1	32.1	30.1	35.6	22.4	32.7	38.5	47.6
	DAY-HR	04-18	06-12	06-15	12-05	17-13	29-14	01-14	31-06	10-04	01-03	28-16	06-14	FEB
	MINIMUM	0.0	0.0	0.0	0.0	0.2	0.0	0.0	1.7	0.2	13.8	0.0	0.2	0.0
	DAY-HR	26-14	24-02	23-12	24-07	12-05	16-15	13-13	07-17	14-15	01-00	13-11	24-08	NOV
	# OBS	716	665	706	688	710	688	734	783	714	13	670	739	7826
1999	MEAN	11.6	13.9	14.7	15.4	17.8	16.5	16.1	17.7	12.0	14.0	11.6	12.1	14.5
	MAXIMUM	32.3	35.6	33.0	43.0	33.6	30.1	30.7	28.6	25.7	24.7	36.4	36.2	43.0
	DAY-HR	01-03	10-05	04-11	04-02	15-10	15-09	07-06	25-04	14-13	05-00	22-02	08-01	APR
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	21-01	03-09	06-16	15-09	31-13	30-14	01-13	23-05	29-08	11-05	15-17	30-11	DEC
	# OBS	740	660	720	716	744	720	741	734	713	271	702	743	8204
2000	MEAN	13.4	10.5	15.3	16.0	16.3	13.5	17.9	15.4	13.2	10.8	13.3	9.8	13.8
	MAXIMUM	34.0	30.9	36.4	40.0	35.0	29.2	29.2	28.2	26.2	25.9	29.9	31.3	40.0
	DAY-HR	02-13	20-13	20-10	17-08	11-07	05-11	20-09	21-05	17-06	14-13	06-19	25-02	APR
	MINIMUM	0.0	0.0	0.0	0.0	0.0	1.0	0.6	0.2	0.0	0.4	0.2	0.0	0.0
	DAY-HR	19-04	18-10	22-16	16-03	24-08	16-05	12-14	02-15	30-16	01-03	17-09	06-13	DEC
	# OBS	734	691	740	707	732	717	739	744	720	737	718	744	8723
2001	MEAN	10.1	14.3	-	16.3	11.3	15.3	13.7	16.3	14.2	11.2	13.2	13.1	13.4
	MAXIMUM	37.1	38.5	-	27.8	28.2	29.0	27.8	27.0	27.0	26.4	35.8	38.7	38.7
	DAY-HR	10-20	07-02	-	21-23	29-03	03-11	14-11	15-05	29-09	22-07	29-13	14-22	DEC
	MINIMUM	0.0	0.0	-	0.0	0.0	0.4	0.0	1.6	1.0	0.0	0.0	0.0	0.0
	DAY-HR	31-13	04-13	-	19-10	26-04	21-10	25-11	02-19	08-19	31-04	08-07	25-16	DEC
	# OBS	744	165	-	507	744	717	743	737	719	744	720	744	7284
POR	MEAN	11.9	13.0	14.0	15.6	15.8	15.6	14.8	15.6	14.4	12.6	12.7	11.9	14.0
	MAXIMUM	53.3	47.6	40.4	48.0	45.1	35.2	33.4	33.0	35.6	42.0	43.5	47.0	53.3
	YEAR	1995	1998	1991	1984	1988	1995	1995	1994	1998	1996	1990	1987	JAN/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	2000	2001	2001	1998	2001	1999	2000	2001	2001	2001	DEC/2001
	# OBS	12481	9650	10674	11296	12426	11964	12374	12470	11962	10250	11925	12513	139985

STATION: PTGCL -- POR (4/1984 - 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
1984	MEAN	-	-	-	24.2	20.1	19.8	15.3	15.5	13.4	17.1	14.4	15.7	16.6
	MAXIMUM	-	-	-	57.2	45.1	34.0	30.1	33.0	29.0	34.0	39.1	53.1	57.2
	DAY-HR	-	-	-	26-03	15-12	20-06	10-05	30-21	20-12	13-17	28-03	13-03	APR
	# OBS	-	-	-	163	725	709	735	734	682	485	649	735	5617

1985	MEAN	10.4	15.9	-	-	-	-	-	-	-	-	-	-	11.7
	MAXIMUM	34.0	39.1	-	-	-	-	-	-	-	-	-	-	39.1
	DAY-HR	07-16	01-03	-	-	-	-	-	-	-	-	-	-	FEB
	# OBS	735	236	-	-	-	-	-	-	-	-	-	-	971
1986	MEAN	13.4	17.2	13.6	15.3	16.3	17.6	13.9	18.9	14.1	14.5	15.9	11.7	15.2
	MAXIMUM	50.2	57.2	49.2	40.0	31.1	30.1	31.1	33.0	30.1	38.1	49.2	34.0	57.2
	DAY-HR	30-01	14-21	10-11	02-07	07-06	18-08	20-06	23-10	05-05	31-07	30-02	24-22	FEB
	# OBS	726	649	723	713	712	718	743	743	719	740	696	742	8624
1987	MEAN	16.1	15.3	16.9	16.5	17.5	15.9	16.7	13.5	17.7	12.5	15.6	19.4	16.3
	MAXIMUM	50.2	47.0	44.1	39.1	34.0	34.0	36.2	31.1	31.1	31.1	39.1	61.0	61.0
	DAY-HR	13-16	24-01	16-04	18-12	25-07	09-05	05-06	05-03	02-07	02-12	25-13	16-08	DEC
	# OBS	737	671	743	717	740	715	744	744	679	262	652	679	8083
1988	MEAN	15.7	13.2	17.8	15.9	21.4	16.6	13.3	13.7	15.1	12.5	14.9	13.6	15.3
	MAXIMUM	63.2	37.1	37.5	49.8	51.3	32.9	31.3	31.9	33.6	30.3	42.4	42.8	63.2
	DAY-HR	18-03	18-14	28-14	30-23	01-04	03-05	14-04	15-11	03-12	12-03	18-01	17-11	JAN
	# OBS	712	521	436	716	742	689	730	738	717	744	715	738	8198
1989	MEAN	13.8	15.5	18.8	13.1	18.8	18.5	18.9	13.8	18.1	14.2	11.5	9.2	15.2
	MAXIMUM	37.5	47.0	44.1	30.3	34.4	37.9	35.8	28.2	32.1	35.4	33.6	37.3	47.0
	DAY-HR	11-08	08-19	02-15	04-10	09-00	23-18	15-04	14-08	22-10	20-18	27-04	06-18	FEB
	# OBS	742	657	736	718	731	533	482	739	718	737	718	740	8251
1990	MEAN	15.7	16.9	17.4	16.2	17.0	19.9	17.7	15.3	18.4	14.0	13.9	13.9	16.3
	MAXIMUM	43.4	49.4	35.8	38.9	32.1	33.0	30.5	32.1	32.3	29.4	49.6	40.0	49.6
	DAY-HR	27-12	14-02	06-01	24-08	19-14	07-10	05-05	05-07	12-23	01-09	26-09	20-13	NOV
	# OBS	741	666	738	715	642	715	741	742	718	742	718	737	8615
1991	MEAN	12.1	15.7	17.2	20.3	20.2	15.8	12.5	18.6	13.9	15.5	15.8	12.9	15.9
	MAXIMUM	37.5	40.0	49.4	47.4	43.5	33.2	29.4	32.3	31.5	44.9	45.5	46.1	49.4
	DAY-HR	16-03	27-17	17-17	11-02	09-07	19-13	29-12	03-04	17-05	27-13	22-02	29-15	MAR
	# OBS	736	669	738	718	742	717	733	686	638	624	717	736	8454
1992	MEAN	12.7	12.7	15.6	19.0	14.0	15.6	18.4	18.2	18.1	13.6	15.2	13.4	15.7
	MAXIMUM	40.8	33.4	41.2	37.9	32.3	33.8	32.5	32.3	31.5	30.3	36.0	38.9	41.2
	DAY-HR	11-18	02-05	20-06	18-16	21-04	14-09	19-04	06-02	05-03	23-16	20-17	18-08	MAR
	# OBS	738	144	734	719	741	715	730	735	710	736	708	736	8146
1993	MEAN	15.3	15.7	15.8	21.1	15.3	16.3	12.3	16.5	17.4	13.6	12.3	12.9	15.3
	MAXIMUM	53.8	50.5	38.9	36.9	37.7	33.4	29.0	33.2	35.6	33.4	39.5	42.6	53.8
	DAY-HR	12-20	08-04	25-22	02-13	08-07	22-22	20-03	11-08	12-08	11-06	14-14	11-16	JAN
	# OBS	732	625	724	616	738	710	737	726	634	742	714	744	8442
1994	MEAN	13.2	15.3	15.7	17.1	16.6	22.6	18.5	21.5	17.6	16.0	15.0	14.2	16.9
	MAXIMUM	42.4	44.7	42.8	31.3	30.9	36.9	35.2	35.6	28.8	45.1	42.6	41.0	45.1
	DAY-HR	06-00	07-10	24-18	10-00	12-04	13-00	27-13	29-06	07-03	15-06	16-23	25-04	OCT
	# OBS	738	586	698	717	740	715	712	590	703	730	711	738	8378
1995	MEAN	18.6	11.9	17.4	19.0	17.2	18.7	19.2	19.2	19.7	12.8	14.8	19.1	17.5
	MAXIMUM	66.9	33.8	51.1	49.2	33.0	39.3	36.4	35.6	34.8	30.9	38.1	54.8	66.9
	DAY-HR	04-17	18-13	10-13	09-02	12-10	05-17	29-11	10-17	14-07	16-22	27-01	24-21	JAN
	# OBS	733	664	737	713	743	714	737	738	712	455	715	738	8399
1996	MEAN	16.1	15.2	14.1	18.7	18.6	18.4	17.9	18.7	14.9	18.0	17.5	15.6	17.0
	MAXIMUM	44.1	46.9	40.4	40.0	35.0	33.6	32.1	33.2	30.3	48.0	45.3	46.3	48.0
	DAY-HR	22-17	03-22	23-07	10-23	29-03	21-07	24-07	02-02	29-09	26-05	29-01	10-00	OCT
	# OBS	735	689	741	733	739	715	836	791	717	733	693	738	8860
1997	MEAN	16.0	18.6	15.7	20.0	19.5	18.0	15.1	17.2	16.8	16.5	14.5	17.7	17.1
	MAXIMUM	42.0	47.2	41.6	45.7	33.4	34.6	33.4	40.2	31.1	42.8	39.7	47.4	47.4
	DAY-HR	25-15	28-04	31-23	24-08	06-18	06-04	01-14	20-03	15-21	07-01	26-12	06-14	DEC
	# OBS	735	655	739	709	729	711	726	730	710	737	702	737	8620
1998	MEAN	15.2	20.6	16.8	17.2	18.7	15.2	18.2	19.3	14.6	19.8	16.7	17.0	17.2
	MAXIMUM	39.1	67.3	37.7	43.5	36.0	32.7	37.7	33.6	38.5	23.5	35.6	43.4	67.3
	DAY-HR	09-20	06-12	06-15	12-05	01-19	29-10	01-14	18-10	10-04	01-03	28-16	06-14	FEB
	# OBS	716	665	706	688	710	686	733	783	714	13	670	739	7823
1999	MEAN	13.5	15.9	17.3	17.6	20.0	18.2	17.6	19.5	13.4	15.7	13.9	13.8	16.4
	MAXIMUM	35.4	40.0	39.5	48.2	36.7	32.7	33.2	32.9	27.4	29.0	38.9	39.5	48.2
	DAY-HR	01-03	10-04	25-11	04-03	15-12	15-09	07-06	01-04	14-23	05-07	22-02	08-01	APR
	# OBS	740	660	720	716	744	720	740	734	713	271	702	743	8203
2000	MEAN	15.6	13.9	17.6	18.2	18.4	15.4	19.5	16.9	15.3	12.4	15.0	11.2	15.8
	MAXIMUM	37.5	43.2	40.4	49.6	38.1	31.5	31.7	29.7	28.8	29.2	35.6	34.6	49.6
	DAY-HR	02-12	20-20	20-10	17-08	11-07	05-11	20-09	21-05	29-05	14-13	06-19	25-02	APR
	# OBS	734	691	740	707	732	712	735	744	720	734	718	744	8711
2001	MEAN	12.4	16.0	-	18.1	12.9	16.9	15.0	17.9	15.7	12.7	15.5	15.5	15.2
	MAXIMUM	44.7	43.7	-	30.7	31.1	31.5	29.2	29.4	29.9	28.4	42.0	47.2	47.2
	DAY-HR	10-20	07-02	-	22-03	28-23	03-11	14-11	18-08	29-08	22-06	29-12	29-17	DEC
	# OBS	744	165	-	507	741	718	743	737	717	744	719	744	7279

POR	MEAN	14.5	15.8	16.5	17.8	17.8	17.6	16.4	17.3	16.1	14.5	14.8	14.5	16.1
	MAXIMUM	66.9	67.3	51.1	57.2	51.3	39.3	37.7	40.2	38.5	48.0	49.6	61.0	67.3
	YEAR	1995	1998	1995	1984	1988	1995	1998	1997	1998	1996	1990	1987	FEB/1998
	# OBS	12474	9613	10653	11285	12391	11912	12337	12434	11921	10229	11917	12508	139674

STATION: PTGCL -- POR (4/1997 - 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
1997	MEAN	-	-	-	26.0	22.3	20.1	17.1	19.2	19.1	19.0	17.5	21.4	19.5
	MAXIMUM	-	-	-	31.9	41.0	35.4	34.8	45.3	36.9	47.2	51.9	60.3	60.3
	DAY-HR	-	-	-	29-18	27-01	12-13	05-09	20-05	15-21	07-04	26-13	05-19	DEC
	MINIMUM	-	-	-	17.9	3.5	3.3	3.3	3.1	2.9	1.4	1.6	1.9	1.4
	DAY-HR	-	-	-	28-20	20-08	20-00	30-03	09-08	28-20	13-14	29-04	03-07	OCT
	# OBS	-	-	-	71	704	710	724	700	707	735	702	737	5790
1998	MEAN	18.3	24.9	19.7	20.0	21.4	17.1	20.1	21.2	16.7	21.9	19.6	19.8	19.9
	MAXIMUM	40.2	69.8	45.5	44.1	41.0	35.2	39.1	34.6	40.0	25.3	36.9	49.2	69.8
	DAY-HR	09-21	06-14	28-12	12-05	01-20	29-14	01-15	18-11	10-04	01-03	28-17	21-03	FEB
	MINIMUM	1.6	3.9	2.5	1.6	2.9	2.1	2.1	4.3	3.1	15.4	2.5	1.7	1.6
	DAY-HR	23-10	24-03	24-10	24-08	12-06	16-17	19-12	07-17	13-19	01-00	08-09	19-05	APR
	# OBS	716	665	706	688	710	687	728	773	693	11	694	739	7810
1999	MEAN	16.4	18.6	20.0	20.5	22.5	20.2	19.4	21.6	15.3	18.1	15.6	16.6	18.9
	MAXIMUM	41.2	43.7	44.9	54.6	40.4	35.6	34.0	33.8	30.3	29.9	116.6	42.2	116.6
	DAY-HR	31-10	10-05	25-11	04-04	15-10	13-04	24-10	26-23	14-10	05-09	08-11	08-03	NOV
	MINIMUM	2.3	2.3	2.3	2.1	1.6	2.5	2.9	3.7	1.6	1.4	0.0	2.3	0.0
	DAY-HR	19-14	12-11	18-12	16-17	31-11	29-17	15-10	23-10	29-08	11-05	18-13	28-22	NOV
	# OBS	740	659	720	718	744	720	740	734	712	271	470	743	7971
2000	MEAN	18.6	17.9	20.5	20.8	20.6	17.6	21.4	18.8	17.6	14.9	17.6	13.7	18.3
	MAXIMUM	38.9	51.7	43.7	49.6	40.8	32.5	33.4	33.2	30.7	31.7	37.5	39.1	51.7
	DAY-HR	05-20	21-00	20-16	17-08	11-07	05-13	20-11	21-04	29-04	21-23	06-20	25-03	FEB
	MINIMUM	2.3	2.1	2.9	2.3	2.1	3.1	2.9	3.1	1.6	2.5	2.5	2.3	1.6
	DAY-HR	19-07	26-11	07-08	17-20	16-03	16-04	11-20	03-02	02-12	01-03	17-14	16-18	SEP
	# OBS	734	691	735	706	732	713	732	743	712	731	697	737	8663
2001	MEAN	15.6	18.9	-	20.6	15.0	19.0	16.9	19.8	17.7	14.9	18.4	18.8	17.6
	MAXIMUM	50.3	48.0	-	32.3	35.0	34.0	30.7	31.1	31.9	30.5	45.1	48.6	50.3
	DAY-HR	10-20	07-12	-	22-04	29-03	12-13	13-11	11-08	29-09	22-08	29-13	29-20	JAN
	MINIMUM	1.9	2.5	-	1.9	1.2	2.9	1.7	4.3	2.7	1.7	2.5	2.1	1.2
	DAY-HR	17-15	01-17	-	19-11	25-13	02-15	25-12	08-18	09-16	31-05	08-07	25-16	MAY
	# OBS	744	165	-	490	744	717	743	736	713	744	719	744	7259
POR	MEAN	17.2	20.3	20.1	20.6	20.3	18.8	19.0	20.1	17.3	16.5	17.9	18.1	18.8
	MAXIMUM	50.3	69.8	45.5	54.6	41.0	35.6	39.1	45.3	40.0	47.2	116.6	60.3	116.6
	YEAR	2001	1998	1998	1999	1998	1999	1998	1997	1998	1997	1999	1997	NOV/1999
	MINIMUM	1.6	2.1	2.3	1.6	1.2	2.1	1.7	3.1	1.6	1.4	0.0	1.7	0.0
	YEAR	1998	2000	1999	1998	2001	1998	2001	2000	2000	1999	1999	1998	NOV/1999
	# OBS	2934	2180	2161	2673	3634	3547	3667	3686	3537	2492	3282	3700	37493

STATION: PTGCL

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	2.2	*	0.1	0.1	*	0.1	0.1	0.1	*	*	*	*	*	2.9	368
1 - 3		2.2	1.4	0.5	0.5	0.7	2.0	1.9	0.9	0.4	0.4	0.3	1.0	12.1	1509
4 - 6		3.9	1.3	0.2	0.1	0.4	1.7	2.5	0.6	0.2	0.3	0.4	1.3	13.0	1623
7 - 10		8.5	2.0	0.2	0.1	0.5	1.6	2.8	0.4	0.3	0.2	0.4	1.8	18.9	2360
11 - 15		13.4	1.8	*	*	0.5	1.9	2.0	0.1	0.1	0.3	0.7	2.9	23.8	2977
16 - 20		7.3	0.4	*	-	0.4	1.5	0.8	*	*	0.3	0.6	4.1	15.5	1933
21 - 24		2.4	*	-	*	0.2	0.7	0.3	*	*	0.2	0.2	3.2	7.2	903
25 - 33		1.4	*	-	*	0.2	0.9	0.1	*	-	0.2	0.3	2.7	5.6	704
34 - 47		0.3	-	-	-	*	0.1	*	-	-	*	*	0.4	0.8	100
> 48		-	-	-	-	-	*	*	-	-	-	-	*	0.1	8
TOTAL %	2.2	39.3	7.0	1.0	0.7	3.0	10.7	10.6	2.2	1.1	2.0	2.9	17.4	100.0	
TOTAL N	277	4901	868	124	93	377	1332	1320	273	136	245	362	2177	12485	

(* < 0.05%)

STATION: PTGCL

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

Month: FEB

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.1	0.1	*	0.1	*	*	0.1	0.1	*	*	-	*	0.1	1.5	145
1 - 3		1.4	0.8	0.5	0.4	0.7	1.4	1.8	0.7	0.4	0.4	0.3	1.0	9.9	952
4 - 6		3.3	1.0	0.3	0.1	0.3	1.7	2.4	0.5	0.4	0.4	0.6	1.5	12.5	1210
7 - 10		6.7	1.8	0.3	0.2	0.4	2.0	2.9	0.4	0.3	0.4	0.8	1.9	17.8	1716
11 - 15		12.1	1.6	0.1	0.1	0.6	2.1	2.1	0.3	0.1	0.3	0.8	3.3	23.5	2267
16 - 20		9.8	0.3	*	*	0.6	1.3	1.0	*	-	0.1	0.6	4.0	17.6	1703
21 - 24		2.9	*	-	-	0.3	0.7	0.4	*	-	*	0.2	3.8	8.4	811
25 - 33		1.2	*	-	-	0.3	0.8	0.4	0.1	-	0.1	0.1	4.7	7.7	740
34 - 47		-	-	-	-	0.1	0.2	*	*	-	0.1	-	0.7	1.1	105
> 48		-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
TOTAL %	1.1	37.4	5.6	1.3	0.7	3.3	10.4	11.0	2.0	1.2	1.8	3.4	20.8	100.0	
TOTAL N	102	3613	542	124	71	317	999	1060	197	114	178	327	2006		9650

(* < 0.05%)

STATION: PTGCL

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	0.7	*	-	*	*	*	*	*	*	*	*	*	*	0.9	101
1 - 3		0.9	0.7	0.3	0.3	0.4	1.0	1.1	0.5	0.4	0.3	0.3	0.7	6.7	718
4 - 6		2.7	0.8	0.1	0.1	0.2	1.0	2.3	0.7	0.3	0.3	0.6	1.3	10.3	1104
7 - 10		6.7	1.3	0.1	*	0.3	1.2	2.9	0.5	0.2	0.1	0.7	2.2	16.3	1735
11 - 15		13.9	1.2	0.1	-	0.7	1.5	1.6	0.3	0.1	0.1	0.7	4.0	24.2	2578
16 - 20		13.4	0.3	*	-	0.4	1.0	0.4	0.1	0.1	0.1	0.4	5.9	22.0	2343
21 - 24		4.9	*	-	-	0.2	0.6	0.2	*	-	-	0.4	4.3	10.7	1142
25 - 33		1.9	*	-	-	0.1	0.5	0.1	-	-	-	0.6	5.3	8.4	900
34 - 47		*	-	-	-	*	0.1	-	-	-	-	*	0.3	0.5	53
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.7	44.6	4.3	0.6	0.4	2.4	6.8	8.7	2.1	1.0	0.9	3.8	23.9	100.0	
TOTAL N	79	4757	455	66	40	252	722	929	223	103	99	402	2547		10674

(* < 0.05%)

STATION: PTGCL

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	0.7	*	*	*	*	*	*	0.1	*	*	*	*	*	1.0	111
1 - 3		1.0	0.5	0.2	0.2	0.2	0.7	0.9	0.5	0.2	0.3	0.2	0.8	5.7	640
4 - 6		2.5	0.5	0.1	*	0.1	0.6	1.5	0.4	0.2	0.3	0.4	1.3	7.9	889
7 - 10		5.9	0.8	0.1	*	0.4	0.6	1.3	0.2	*	0.1	0.3	2.2	12.0	1353
11 - 15		13.9	0.6	*	*	0.4	0.5	0.9	0.1	*	*	0.2	3.0	19.7	2224
16 - 20		20.8	0.3	*	*	0.1	0.2	0.3	*	-	-	0.2	5.8	27.8	3136
21 - 24		9.6	0.1	-	-	*	0.1	*	-	-	-	0.2	5.6	15.5	1755
25 - 33		2.9	-	-	-	*	0.1	*	-	-	-	0.3	5.9	9.2	1040
34 - 47		0.1	-	-	-	*	-	-	-	-	-	*	1.1	1.3	147
> 48		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
TOTAL %	0.7	56.6	2.8	0.4	0.2	1.3	2.8	5.1	1.1	0.5	0.7	1.9	25.8	100.0	
TOTAL N	82	6389	320	50	25	150	316	575	122	57	82	212	2916		11296

(* < 0.05%)

STATION: PTGCL

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	0.4	*	*	*	*	*	*	*	*	*	*	*	*	0.6	75
1 - 3		0.8	0.2	0.1	0.1	0.2	0.6	0.7	0.5	0.3	0.3	0.4	0.9	5.0	626
4 - 6		2.4	0.3	*	*	*	0.7	1.2	0.3	0.1	0.1	0.4	1.6	7.3	902
7 - 10		5.8	0.3	-	-	0.2	0.7	1.4	0.2	0.1	*	0.3	2.5	11.4	1419
11 - 15		13.5	0.4	-	-	0.1	0.5	0.9	*	*	-	0.2	4.0	19.7	2447
16 - 20		22.6	0.1	-	-	0.1	0.4	0.2	-	-	-	0.1	4.8	28.3	3512
21 - 24		14.1	*	-	-	*	0.1	*	-	-	-	0.1	4.9	19.2	2392
25 - 33		4.3	*	-	-	-	*	-	-	-	-	0.2	3.8	8.2	1024
34 - 47		-	-	-	-	-	-	-	-	-	-	*	0.2	0.2	29
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	63.5	1.4	0.1	0.1	0.6	3.1	4.5	1.0	0.5	0.5	1.6	22.7	100.0	
TOTAL N	50	7890	178	17	13	72	387	553	121	60	60	200	2825		12426

(* < 0.05%)

STATION: PTGCL

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	0.4	*	*	-	-	*	*	*	*	-	-	*	*	0.6	68
1 - 3		1.1	0.2	0.1	0.1	0.1	0.4	0.7	0.6	0.3	0.3	0.5	0.9	5.3	629
4 - 6		3.0	0.5	*	*	*	0.6	1.2	0.3	0.2	0.2	0.6	1.7	8.3	998
7 - 10		5.8	0.5	-	-	0.1	0.6	1.5	0.2	*	*	0.5	2.8	12.0	1436
11 - 15		13.4	0.1	-	-	*	0.3	1.0	0.1	*	*	0.3	3.2	18.4	2201
16 - 20		22.1	*	-	-	*	*	0.4	-	-	-	0.1	2.9	25.6	3057
21 - 24		18.2	*	-	-	*	-	*	-	-	-	0.1	3.1	21.5	2569
25 - 33		6.7	-	-	-	-	-	-	-	-	-	0.1	1.6	8.4	1002
34 - 47		*	-	-	-	-	-	-	-	-	-	-	*	0.0	4
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	70.3	1.3	0.1	0.1	0.3	2.0	4.9	1.1	0.5	0.5	2.2	16.2	100.0	
TOTAL N	46	8416	154	9	8	41	239	590	128	65	61	263	1944		11964

(* < 0.05%)

STATION: PTGCL

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	0.5	*	*	*	-	-	*	*	*	*	*	*	*	0.8	96
1 - 3		1.5	0.2	0.1	*	0.1	0.4	0.6	0.6	0.4	0.5	0.4	1.0	5.7	708
4 - 6		4.1	0.4	*	*	*	0.4	1.0	0.5	0.2	0.2	0.5	1.8	9.2	1144
7 - 10		8.7	0.4	*	-	*	0.2	1.0	0.2	*	*	0.2	3.1	14.0	1736
11 - 15		17.0	0.2	-	-	-	*	0.5	*	*	-	0.1	3.1	21.0	2600
16 - 20		21.9	*	-	-	-	*	0.1	-	-	-	0.1	2.4	24.6	3042
21 - 24		16.5	*	-	-	-	-	*	-	-	-	0.1	1.1	17.8	2197
25 - 33		6.5	*	-	-	-	-	-	-	-	-	*	0.4	6.9	851
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	76.2	1.2	0.1	0.1	0.2	1.1	3.3	1.4	0.6	0.7	1.5	12.9	100.0	
TOTAL N	65	9428	151	18	9	22	138	414	176	73	90	189	1601		12374

(* < 0.05%)

STATION: PTGCL

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	0.1	*	*	*	*	*	*	*	-	*	*	-	0.6	76
1 - 3		0.9	0.2	*	*	0.1	0.2	0.4	0.4	0.2	0.2	0.3	0.6	3.5	435
4 - 6		3.4	0.4	*	*	*	0.2	0.7	0.3	0.1	0.1	0.3	1.6	7.2	901
7 - 10		9.7	0.5	-	-	*	0.1	0.7	0.2	*	*	0.2	2.4	13.9	1730
11 - 15		17.8	0.3	-	-	-	0.1	0.4	*	-	-	0.1	2.3	21.0	2621
16 - 20		24.1	0.1	-	-	-	*	0.1	-	-	-	*	1.2	25.5	3181
21 - 24		20.1	0.2	-	-	-	*	*	-	-	-	*	0.5	20.8	2599
25 - 33		7.0	0.2	-	-	-	-	-	-	-	-	-	0.2	7.4	927
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		*	*	-	-	-	-	-	-	-	*	-	-	0.0	3
TOTAL %	0.4	83.1	1.9	0.1	0.0	0.1	0.7	2.3	0.9	0.4	0.3	1.0	8.9	100.0	
TOTAL N	54	10363	233	9	3	13	88	291	111	48	36	120	1104		12473

(* < 0.05%)

STATION: PTGCL

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	0.6	*	*	*	*	-	0.1	*	*	*	-	-	-	0.8	94
1 - 3		1.4	0.3	0.1	0.2	0.1	0.6	0.7	0.4	0.2	0.3	0.2	0.8	5.1	616
4 - 6		3.7	0.7	0.1	*	0.1	0.5	1.1	0.3	0.1	0.2	0.5	1.6	8.8	1057
7 - 10		10.0	0.9	*	-	0.1	0.7	0.8	0.2	*	0.1	0.3	2.6	15.7	1881
11 - 15		17.9	0.6	*	-	*	0.2	0.3	*	-	-	0.1	2.2	21.5	2573
16 - 20		26.4	0.3	0.1	-	*	*	0.1	*	-	-	*	1.3	28.3	3381
21 - 24		14.6	0.1	*	-	-	-	-	-	-	-	0.1	0.5	15.3	1834
25 - 33		4.1	0.1	-	-	-	-	-	-	-	-	*	0.2	4.4	521
34 - 47		*	-	-	-	-	-	-	-	-	-	-	*	0.0	5

> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	78.1	3.0	0.3	0.2	0.4	2.1	3.1	0.8	0.4	0.5	1.3	9.2	100.0		
TOTAL N	67	9348	364	35	21	42	250	373	101	46	61	153	1101		11962	

(* < 0.05%)

STATION: PTGCL

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	0.9	0.1	*	*	*	0.1	0.1	0.1	*	-	*	*	*	1.4	141
1 - 3		2.1	0.8	0.4	0.1	0.5	1.3	1.7	0.7	0.3	0.4	0.4	1.1	9.7	998
4 - 6		5.3	1.0	0.2	*	0.2	1.2	1.9	0.4	0.2	0.3	0.4	1.4	12.6	1287
7 - 10		9.4	1.5	0.1	*	0.1	1.0	1.8	0.2	0.1	0.2	0.4	2.4	17.2	1765
11 - 15		16.2	1.3	0.1	*	*	0.6	1.3	0.1	*	0.2	0.3	2.9	23.1	2363
16 - 20		18.1	0.3	0.1	-	*	0.2	0.4	*	*	0.3	0.2	2.9	22.5	2304
21 - 24		7.1	*	-	-	-	0.1	0.1	-	-	*	*	1.8	9.2	938
25 - 33		2.0	-	-	-	*	-	*	-	-	-	-	2.1	4.1	419
34 - 47		-	-	-	-	-	-	-	-	-	-	-	0.3	0.3	34
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	60.2	5.0	0.9	0.2	1.0	4.4	7.3	1.4	0.5	1.6	1.7	14.9	100.0	
TOTAL N	91	6175	517	91	25	100	449	748	140	55	160	175	1523		10249

(* < 0.05%)

STATION: PTGCL

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

Month: NOV

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.3	0.1	0.1	*	0.1	0.1	0.1	0.1	*	*	*	*	*	1.9	230
1 - 3		2.2	1.0	0.4	0.4	0.6	1.8	1.8	0.7	0.3	0.4	0.5	1.1	11.1	1328
4 - 6		4.1	1.0	0.2	0.1	0.3	1.5	2.0	0.4	0.1	0.2	0.3	1.3	11.5	1375
7 - 10		8.9	1.8	0.1	*	0.4	1.3	2.1	0.2	0.1	0.1	0.3	1.7	17.0	2032
11 - 15		17.6	2.0	0.1	*	0.3	1.0	1.0	*	*	0.2	0.4	2.3	25.0	2982
16 - 20		11.2	0.4	*	-	0.2	0.6	0.4	*	0.1	0.2	0.4	3.8	17.4	2069
21 - 24		3.5	0.1	-	-	0.1	0.3	0.1	*	*	0.2	0.2	2.9	7.4	884
25 - 33		1.9	*	-	-	0.1	0.2	*	-	-	0.2	0.1	5.2	7.6	911
34 - 47		0.1	-	-	-	-	*	-	-	-	-	*	0.9	1.0	114
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.3	49.3	6.3	0.9	0.6	2.0	6.8	7.5	1.4	0.6	1.5	2.3	19.4	100.0	
TOTAL N	157	5883	752	108	71	239	814	900	167	77	177	272	2308		11925

(* < 0.05%)

STATION: PTGCL

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	1.5	0.1	0.1	0.1	*	0.1	0.1	0.1	*	*	*	*	*	2.3	291
1 - 3		2.1	1.4	0.6	0.3	0.9	2.2	1.7	0.8	0.3	0.4	0.4	1.2	12.2	1523
4 - 6		4.5	1.4	0.4	0.2	0.4	1.6	2.3	0.6	0.1	0.2	0.3	1.3	13.5	1677
7 - 10		9.1	2.5	0.2	0.1	0.6	1.6	3.0	0.2	0.1	0.3	0.5	1.6	19.8	2473
11 - 15		12.9	2.2	0.1	*	0.5	1.9	1.9	0.1	0.1	0.2	0.3	2.4	22.6	2821
16 - 20		8.5	0.7	0.1	*	0.4	1.3	0.7	0.1	*	0.2	0.3	2.8	15.1	1888
21 - 24		2.6	0.1	*	-	0.1	0.7	0.2	*	-	0.1	0.2	2.8	6.9	862
25 - 33		1.8	*	*	-	0.1	0.6	0.1	*	-	0.1	0.5	3.4	6.7	830
34 - 47		0.2	-	-	-	*	0.2	-	-	-	-	*	0.4	0.8	102
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.5	41.9	8.5	1.4	0.7	3.3	10.1	10.1	1.8	0.7	1.6	2.6	15.8	100.0	
TOTAL N	192	5226	1057	179	86	406	1260	1254	227	84	195	329	1972		12467

(* < 0.05%)

STATION: PTGCL

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	0.9	*	*	*	*	*	0.1	0.1	*	*	*	*	*	1.3	1796
1 - 3		1.4	0.6	0.3	0.2	0.4	1.0	1.2	0.6	0.3	0.3	0.4	0.9	7.6	10682
4 - 6		3.6	0.8	0.1	0.1	0.2	1.0	1.7	0.4	0.2	0.2	0.5	1.5	10.1	14167
7 - 10		8.0	1.2	0.1	*	0.3	1.0	1.8	0.2	0.1	0.1	0.4	2.3	15.5	21636
11 - 15		15.0	1.0	*	*	0.3	0.9	1.1	0.1	*	0.1	0.3	3.0	21.9	30654

16 - 20	17.3	0.3	*	*	0.2	0.5	0.4	*	*	0.1	0.3	3.4	22.5	31549
21 - 24	9.9	0.1	*	*	0.1	0.3	0.1	*	*	0.1	0.1	2.8	13.5	18886
25 - 33	3.6	*	*	*	0.1	0.2	0.1	*	-	0.1	0.2	2.9	7.1	9869
34 - 47	0.1	-	-	-	*	*	*	*	-	*	*	0.4	0.5	693
> 48	*	*	-	-	-	*	*	-	-	*	-	*	0.0	13
TOTAL %	0.9	58.9	4.0	0.6	0.3	1.5	5.0	6.4	1.4	0.7	1.0	2.1	17.2	100.0
TOTAL N	1262	82389	5591	830	465	2031	6994	9007	1986	918	1444	3004	24024	139945

(* < 0.05%)

STATION: PTGCL

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	1.7	0.1	0.1	0.1	*	0.1	0.1	0.1	*	*	*	*	*	2.3	804
1 - 3		1.9	1.2	0.5	0.4	0.8	1.9	1.8	0.8	0.4	0.4	0.3	1.1	11.5	3984
4 - 6		3.9	1.3	0.3	0.1	0.4	1.7	2.4	0.6	0.2	0.3	0.4	1.3	13.0	4510
7 - 10		8.2	2.1	0.2	0.1	0.5	1.7	2.9	0.3	0.2	0.3	0.6	1.8	18.9	6549
11 - 15		12.9	1.9	0.1	*	0.6	2.0	2.0	0.2	0.1	0.2	0.6	2.8	23.3	8065
16 - 20		8.4	0.5	*	*	0.5	1.4	0.8	*	*	0.2	0.5	3.6	16.0	5524
21 - 24		2.6	0.1	*	*	0.2	0.7	0.3	*	*	0.1	0.2	3.2	7.4	2576
25 - 33		1.5	*	*	*	0.2	0.8	0.2	*	-	0.1	0.3	3.5	6.6	2274
34 - 47		0.2	-	-	-	*	0.2	*	*	-	*	*	0.5	0.9	307
> 48		-	-	-	-	-	*	*	-	-	-	-	*	0.0	9
TOTAL %	1.7	39.7	7.1	1.2	0.7	3.2	10.4	10.5	2.0	1.0	1.8	2.9	17.8	100.0	
TOTAL N	571	13740	2467	427	250	1100	3591	3634	697	334	618	1018	6155		34602

(* < 0.05%)

STATION: PTGCL

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.6	*	*	*	*	*	*	*	*	*	*	*	*	0.8	287
1 - 3		0.9	0.4	0.2	0.2	0.3	0.8	0.9	0.5	0.3	0.3	0.3	0.8	5.8	1984
4 - 6		2.5	0.5	0.1	*	0.1	0.8	1.7	0.5	0.2	0.2	0.5	1.4	8.4	2895
7 - 10		6.1	0.8	0.1	*	0.3	0.8	1.9	0.3	0.1	0.1	0.5	2.3	13.1	4507
11 - 15		13.8	0.8	*	*	0.4	0.8	1.1	0.1	*	*	0.3	3.7	21.1	7249
16 - 20		19.1	0.2	*	*	0.2	0.5	0.3	*	*	*	0.3	5.5	26.1	8991
21 - 24		9.8	*	-	-	0.1	0.2	0.1	*	-	-	0.2	5.0	15.4	5289
25 - 33		3.1	*	-	-	*	0.2	*	-	-	-	0.3	4.9	8.6	2964
34 - 47		*	-	-	-	*	*	-	-	-	-	*	0.6	0.7	229
> 48		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1
TOTAL %	0.6	55.3	2.8	0.4	0.2	1.4	4.1	6.0	1.4	0.6	0.7	2.4	24.1	100.0	
TOTAL N	211	19036	953	133	78	474	1425	2057	466	220	241	814	8288		34396

(* < 0.05%)

STATION: PTGCL

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	0.4	*	*	*	*	*	*	*	*	*	*	*	*	0.7	240
1 - 3		1.2	0.2	0.1	*	0.1	0.3	0.6	0.5	0.3	0.3	0.4	0.9	4.8	1772
4 - 6		3.5	0.4	*	*	*	0.4	1.0	0.4	0.2	0.2	0.5	1.7	8.3	3043
7 - 10		8.1	0.5	*	-	*	0.3	1.0	0.2	*	*	0.3	2.7	13.3	4902
11 - 15		16.1	0.2	-	-	*	0.1	0.6	0.1	*	*	0.1	2.9	20.2	7422
16 - 20		22.7	*	-	-	*	*	0.2	-	-	-	0.1	2.1	25.2	9280
21 - 24		18.3	0.1	-	-	*	*	*	-	-	-	0.1	1.5	20.0	7365
25 - 33		6.7	0.1	-	-	-	-	-	-	-	-	*	0.7	7.6	2780
34 - 47		*	-	-	-	-	-	-	-	-	-	-	*	0.0	4
> 48		*	*	-	-	-	-	-	-	-	*	-	-	0.0	3
TOTAL %	0.4	76.6	1.5	0.1	0.1	0.2	1.3	3.5	1.1	0.5	0.5	1.6	12.6	100.0	
TOTAL N	165	28207	538	36	20	76	465	1295	415	186	187	572	4649		36811

(* < 0.05%)

STATION: PTGCL

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	0.9	0.1	*	*	*	*	0.1	0.1	*	*	*	*	*	1.4	465
1 - 3		1.9	0.7	0.3	0.2	0.4	1.2	1.4	0.6	0.3	0.3	0.4	1.0	8.6	2942
4 - 6		4.3	0.9	0.2	0.1	0.2	1.1	1.7	0.3	0.1	0.2	0.4	1.4	10.9	3719
7 - 10		9.4	1.4	0.1	*	0.2	1.0	1.6	0.2	*	0.1	0.3	2.2	16.6	5678

11 - 15	17.3	1.3	0.1	*	0.1	0.6	0.9	*	*	0.1	0.3	2.5	23.2	7918
16 - 20	18.6	0.4	0.1	-	0.1	0.3	0.3	*	*	0.2	0.2	2.7	22.7	7754
21 - 24	8.4	0.1	*	-	*	0.1	*	*	*	0.1	0.1	1.7	10.7	3656
25 - 33	2.7	*	-	-	*	0.1	*	-	-	0.1	*	2.5	5.4	1851
34 - 47	*	-	-	-	-	*	-	-	-	-	*	0.4	0.4	153
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.9	62.7	4.8	0.7	0.3	1.1	4.4	5.9	1.2	0.5	1.2	1.8	14.4	100.0
TOTAL N	315	21406	1633	234	117	381	1513	2021	408	178	398	600	4932	34136

(* < 0.05%)

Summary complete: 09-Sep-2003 06:18:00