

10	-	-	-	-	-	-	-	-	-	44	994	209	846	261	737	44	993	2	#	-	-	-	-	560	967		
9	-	-	-	-	-	-	-	-	-	81	964	298	694	199	560	150	962	8	999	-	-	-	-	736	937		
8	-	-	-	-	-	-	-	-	-	113	907	324	476	159	426	222	858	31	995	-	-	-	-	849	898		
7	-	-	-	-	-	-	-	-	-	144	828	121	240	115	318	193	703	44	979	-	-	-	-	617	853		
6	-	-	-	-	-	-	-	12	#	347	727	91	152	95	240	172	568	40	956	17	#	-	-	774	820		
5	3	#	-	-	-	-	-	58	992	280	484	62	85	103	176	154	448	70	936	29	992	5	#	764	779		
4	15	998	-	-	3	#	1	#	129	952	168	288	21	40	69	106	163	340	110	900	51	978	31	998	761	739	
3	32	985	5	#	4	998	15	999	169	864	102	170	16	25	29	60	83	226	134	844	116	954	71	983	776	698	
2	38	959	26	996	34	995	119	989	155	749	71	99	11	13	15	40	58	168	130	775	155	900	114	950	926	657	
1	67	928	115	977	151	972	189	904	146	644	45	49	4	5	20	30	27	128	141	709	179	827	190	897	1274	608	
0	96	873	223	890	275	869	203	769	92	544	21	18	2	2	10	16	25	109	125	637	205	743	237	809	1514	540	
-1	51	794	225	721	138	682	196	624	112	482	3	3	1	1	9	9	22	91	120	573	236	647	156	699	1269	460	
-2	73	752	148	551	126	588	148	485	127	405	1	1	-	-	5	3	21	76	120	511	182	536	121	626	1072	392	
-3	41	692	156	439	96	502	143	379	114	319	-	-	-	-	-	-	14	61	89	450	148	450	86	570	887	335	
-4	52	658	91	321	108	436	121	277	94	241	-	-	-	-	-	-	27	52	84	404	147	381	98	530	822	288	
-5	64	616	84	252	87	363	78	191	75	177	-	-	-	-	-	-	23	33	66	361	110	312	70	485	657	245	
-6	38	563	75	189	59	303	51	135	71	126	-	-	-	-	-	-	19	17	63	328	104	260	51	452	531	210	
-7	44	532	44	132	41	263	44	99	28	78	-	-	-	-	-	-	5	3	74	295	74	211	50	428	404	181	
-8	44	496	35	99	51	235	36	68	12	59	-	-	-	-	-	-	-	-	86	257	65	177	50	405	379	160	
-9	38	460	20	73	24	200	18	42	6	50	-	-	-	-	-	-	-	-	88	213	72	146	50	382	316	140	
-10	34	429	18	57	6	184	8	29	2	46	-	-	-	-	-	-	-	-	106	168	39	112	48	359	261	123	
-11	47	401	15	44	17	180	4	24	4	45	-	-	-	-	-	-	-	-	74	114	29	94	40	336	230	109	
-12	32	362	11	33	36	168	10	21	15	42	-	-	-	-	-	-	-	-	54	76	22	80	52	318	232	97	
-13	32	336	9	24	42	144	5	14	9	32	-	-	-	-	-	-	-	-	53	49	44	70	54	294	248	85	
-14	32	310	3	17	31	115	5	10	17	26	-	-	-	-	-	-	-	-	27	21	39	49	57	269	211	72	
-15	21	283	1	15	44	94	6	6	17	14	-	-	-	-	-	-	-	-	14	8	23	31	67	242	193	60	
-16	35	266	1	14	23	64	3	2	3	3	-	-	-	-	-	-	-	-	1	1	25	20	64	211	155	50	
-17	54	237	1	14	19	48	-	-	1	1	-	-	-	-	-	-	-	-	-	-	10	8	76	181	161	42	
-18	42	193	-	-	5	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	61	146	111	33
-19	43	158	7	13	8	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	53	118	112	27	
-20	46	123	3	8	8	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	93	104	21	
-21	30	85	1	5	11	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	45	71	88	16	
-22	18	61	2	5	7	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	45	50	73	11	
-23	17	46	-	-	10	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	31	29	59	7	
-24	19	32	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	15	32	4	
-25	4	16	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	*	11	9	17	2	
-26	2	13	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	4	2	
-27	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	1
-28	2	2	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1
-29	1	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	6	1
-30	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	*	
-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	*	
-32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*	
MEAN	-8.6	-2.9	-4.5	-2.1	-0.9	5.4	8.4	8.3	5.1	-2.6	-3.0	-6.9	-0.7														
S.D.	8.1	3.8	5.8	3.3	4.3	2.2	2.1	2.9	3.6	5.8	5.0	8.1	7.4														
TOTAL	1218	1323	1467	1403	1468	1428	1371	1478	1432	1954	2129	2152	18823														
MAX	5.3	2.8	3.7	3.7	6.1	11.1	14.0	13.0	12.3	10.1	6.3	4.8	14.0														
DATE	2001011502	2001020614	2001031120	2001040309	2001053100	2001062222	2001072204	2001081418	2000092202	2001100413	2000111009	2000121201	2001072204														
MIN	-29.2	-30.2	-28.6	-15.9	-16.5	-1.8	-0.9	-2.0	-7.2	-15.5	-25.4	-31.4	-31.4														
DATE	2000010100	2000020113	2001030207	2001040110	2001050322	2000060605	2000072809	2000082516	2000092920	1999103018	1999111106	1999122913	1999122913														

(* < 0.05% , # = 100.0%)

STATION: AUGA2

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

ELEMENT: AIR - DEW POINT TEMPERATURE (DEGREES C) -- POR: (10/1999 - 12/2001) (18686 RECORDS, 96.7% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN		
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	2	#	
26	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
25	-	-	1	#	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	
24	-	-	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	-	-	2	999	
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	2	999	
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
21	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	
20	2	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	3	999	
19	-	-	1	998	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	998	4	999	
18	2	998	1	998	2	998	-	-	1	#	6	#	-	-	-	-	-	-	-	-	1	999	-	-	13	999	
17	-	-	1	997	2	996	1	#	6	999	8	996	-	-	1	#	-	-	-	2	#	2	998	3	998	26	998
16	2	996	-	-	1	995	2	999	11	995	14	990	-	-	1	999	4	#	1	999	3	997	2	996	41	997	
15	1	994	2	996	3	994	5	998	33	988	23	980	3	#	3	999	1	997	6	998	1	996	4	995	85	995	
14	6	993	-	-	7	992	3	994	39	965	18	964	8	998	11	997	6	997	8	995	2	995	3	993	111	990	
13	4	989	3	995	14	987	6	992	53	939	48	952	18	992	9	989	6	992	13	991	3	994	4	992	181	984	
12	9	985	-	-	19	976	25	988	85	903	33	918	16	979	27	983	15	988	19	985	5	993	13	990	266	975	
11	3	978	8	992	26	962	33	970	88	845	55	895	28	967	52	965	36	978	26	975	9	991	12	984	376	960	
10	25	975	8	986	36	942	51	947	115	785	54	856	28	947	71												

7	97	886	54	940	56	846	100	808	103	532	66	737	63	869	107	738	83	835	171	821	72	946	97	935	1069	831
6	115	806	84	899	91	804	125	737	89	462	93	691	90	823	122	666	164	777	201	733	155	912	149	890	1478	774
5	133	712	82	835	132	736	159	648	112	401	167	626	99	758	112	583	172	662	235	630	315	839	231	821	1949	695
4	155	603	84	773	168	638	201	535	108	325	184	509	111	686	119	507	164	542	282	510	404	691	278	713	2258	590
3	155	475	135	710	167	512	144	391	145	252	202	380	143	605	108	427	169	428	236	366	360	501	327	584	2291	469
2	178	348	232	608	205	387	163	289	162	153	218	239	280	500	117	354	186	310	191	245	266	332	404	432	2602	347
1	158	202	445	432	209	234	161	172	62	42	117	86	280	296	225	274	172	180	177	147	304	207	363	244	2673	208
0	88	72	127	96	104	78	81	58	-	-	6	4	126	92	180	122	85	59	110	56	136	64	162	75	1205	64
MEAN		4.1		2.8		4.1		4.6		7.0		5.5		3.6		4.7		4.4		4.7		3.6		3.4		4.3
S.D.		3.0		2.7		3.4		3.2		3.9		3.9		3.2		3.6		3.0		3.0		2.4		2.7		3.3
TOTAL		1218		1323		1338		1403		1467		1428		1371		1476		1431		1953		2127		2151		18686
MAX		21.4		24.7		26.0		17.2		17.5		18.3		15.0		16.9		16.3		17.3		21.4		27.3		27.3
DATE	2001011021	2000020113	2001030207	2001043008	2000051120	2000060603	2000072701	2000081521	2000091710	2000101300	1999111106	1999122913	1999122913													
MIN	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DATE	2001011502	2001022720	2001031507	2001041710	2001052915	2001061718	2001072216	2001082502	2001090500	2001101710	2001111803	2001122704	2001122704													

(* < 0.05% , # = 100.0%)

STATION: AUGA2

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (10/1999 - 12/2001) (18975 RECORDS, 98.1% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF		
1034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	#
1033	9	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	#
1032	7	993	5	#	4	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	999
1031	4	987	15	996	8	997	-	-	-	-	1	#	7	#	-	-	-	-	-	-	-	-	-	-	-	-	35	999
1030	4	984	11	985	8	992	-	-	5	#	11	999	-	-	20	995	-	-	-	-	-	-	-	-	17	#	76	997
1029	2	980	10	977	8	986	-	-	9	997	9	992	-	-	4	982	-	-	-	-	-	-	-	6	992	48	993	
1028	12	979	4	969	8	981	12	#	6	990	12	985	-	-	8	979	2	#	-	-	-	-	6	990	70	990		
1027	6	969	18	966	7	975	16	991	7	986	31	977	-	-	10	974	7	999	-	-	-	-	4	987	106	987		
1026	6	964	18	952	11	971	7	980	19	982	54	955	-	-	17	967	17	994	-	-	21	#	8	985	178	981		
1025	8	959	11	939	8	963	15	975	24	969	101	917	-	-	35	955	22	982	-	-	22	990	6	981	252	972		
1024	4	952	17	931	5	958	20	965	28	952	49	846	3	#	73	932	21	966	-	-	16	980	10	979	246	958		
1023	21	949	21	918	9	954	54	950	53	933	24	812	15	998	100	882	21	952	-	-	20	972	22	974	360	945		
1022	16	932	28	902	8	948	28	912	40	897	59	795	33	988	89	814	33	937	7	#	15	963	22	964	378	926		
1021	21	919	31	881	5	943	23	892	22	870	92	754	52	965	46	754	24	914	27	996	17	956	15	954	375	907		
1020	11	902	27	857	6	939	37	876	26	855	65	689	80	929	44	723	22	897	19	983	9	948	12	948	358	887		
1019	14	893	21	837	5	935	32	850	53	837	59	644	68	875	36	693	18	882	11	973	5	944	12	942	334	868		
1018	19	881	29	821	2	932	41	827	72	801	61	602	80	828	27	669	22	869	30	967	6	941	21	937	410	850		
1017	14	865	50	799	30	931	70	798	38	752	54	560	98	773	49	650	43	854	39	952	6	938	19	927	510	829		
1016	20	854	56	761	25	910	81	748	42	726	52	522	164	706	75	617	38	824	48	932	20	936	11	919	632	802		
1015	19	838	42	719	37	893	62	691	88	698	46	485	121	594	84	566	29	797	44	907	23	926	21	914	616	768		
1014	20	822	57	687	33	868	43	647	63	638	61	453	130	511	74	509	39	777	31	885	18	915	38	904	607	736		
1013	24	806	54	644	40	845	31	616	54	595	99	410	141	422	77	459	45	749	41	869	26	907	28	887	660	704		
1012	22	786	50	603	37	818	51	594	46	558	59	341	99	325	55	407	31	718	41	848	50	895	34	874	575	669		
1011	24	768	55	566	22	793	62	558	63	527	61	299	60	257	46	370	39	696	42	827	53	871	37	859	564	639		
1010	26	748	56	524	41	778	49	514	99	484	67	257	56	216	31	339	44	669	49	806	65	846	44	842	627	609		
1009	28	727	48	482	42	750	42	479	95	417	47	210	47	178	30	318	89	638	52	781	53	816	51	822	624	576		
1008	23	704	63	446	28	721	55	449	83	352	54	177	42	145	21	297	53	576	49	754	64	791	41	799	576	543		
1007	20	685	32	398	18	702	41	410	72	295	28	139	25	117	23	283	63	539	47	729	52	761	54	781	475	513		
1006	15	669	18	374	24	690	40	381	82	246	33	119	23	99	33	268	45	495	72	705	83	736	46	756	514	488		
1005	10	656	13	360	32	674	27	353	49	191	37	96	20	84	24	245	46	463	55	668	65	698	59	735	437	461		
1004	27	648	19	350	44	652	16	334	40	157	49	70	38	70	52	229	75	431	53	640	73	667	76	709	562	438		
1003	25	626	16	336	35	622	24	322	38	130	19	36	25	44	60	194	52	379	68	613	79	633	76	674	517	408		
1002	23	605	9	324	38	598	32	305	21	104	13	22	22	27	37	153	48	342	96	578	84	596	63	640	486	381		
1001	16	587	21	317	55	572	24	282	16	90	5	13	14	12	15	128	58	309	77	529	62	556	118	611	481	355		
1000	22	573	21	301	44	535	33	265	24	79	7	10	3	2	16	118	42	268	75	490	58	527	113	558	458	330		
999	15	555	21	285	43	505	25	242	23	63	7	5	-	-	22	107	45	239	85	451	65	500	88	507	439	306		
998	30	543	29	270	67	475	22	224	28	47	-	-	-	-	36	92	38	207	89	408	79	469	120	467	538	283		
997	26	518	17	248	54	430	25	209	10	28	-	-	-	-	13	68	46	181	57	362	80	432	92	413	420	254		
996	36	497	21	235	52	393	26	191	14	21	-	-	-	-	12	59	25	148	63	333	58	395	78	371	385	232		
995	39	468	17	219	60	358	24	172	13	12	-	-	-	-	8	51	25	131	78	301	59	367	75	336	398	212		
994	42	436	15	206	63	317	17	155	4	3	-	-	-	-	14	45	22	113	72	261	50	340	75	302	374	191		
993	30	401	26	195	54	274	19	143	-	-	-	-	-	-	11	36	16	98	45	224	64	316	52	268	317	171		
992	38	377	20	175	46	237	25	130	-	-	-	-	-	-	11	28	26	87	52	201	61	286	65	245	344	155		
991	20	34																										

978	22	120	8	31	13	17	6	4	-	-	-	-	-	-	-	1	1	12	27	8	26	70	18		
977	21	102	7	25	2	8	-	-	-	-	-	-	-	-	-	1	1	8	22	7	23	46	14		
976	16	84	3	20	2	7	-	-	-	-	-	-	-	-	-	-	-	13	18	12	19	46	12		
975	9	71	1	17	3	5	-	-	-	-	-	-	-	-	-	-	-	5	12	-	-	18	9		
974	6	64	2	17	4	3	-	-	-	-	-	-	-	-	-	-	-	3	9	2	14	17	8		
973	5	59	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	8	1	13	8	7		
972	5	55	1	15	-	-	-	-	-	-	-	-	-	-	-	-	-	2	8	-	-	8	7		
971	5	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	7	8	13	15	6		
970	2	47	1	14	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	5	9	12	6		
969	3	45	1	14	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	6	7	13	5		
968	3	43	1	13	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	9	4	14	4		
967	1	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	-	5	4		
966	5	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	3		
965	4	35	2	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3		
964	7	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3		
963	9	26	1	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	2		
962	6	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2		
961	3	14	1	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2		
960	2	11	1	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1		
959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1		
958	2	10	2	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1		
957	1	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1		
956	1	7	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1		
955	1	7	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1		
954	3	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	*		
953	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	*		
952	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	*		
MEAN	997.7		1006.8		1001.0		1008.0		1011.7		1015.8		1013.8		1012.9		1006.5		1001.0		999.4		999.9		1005.6
S.D.	16.6		13.9		11.6		11.3		7.6		7.2		4.9		9.5		10.0		9.9		11.3		11.0		12.3
TOTAL	1219		1324		1468		1409		1469		1426		1459		1476		1429		1956		2129		2211		18975
MAX	1033.2		1031.9		1031.8		1028.1		1030.3		1030.5		1024.4		1030.8		1027.6		1021.8		1026.3		1030.2		1033.2
DATE	2000011322		2001021412		2001032122		2000040921		2000053123		2000060100		2001070100		2001080808		2001090822		2000100309		2000110900		2000120813		2000011322
MIN	952.6		954.5		973.4		977.5		994.0		998.7		1000.4		988.7		979.3		976.8		967.0		967.5		952.6
DATE	2001010720		2001022713		2001031115		2000042105		2001050312		2000060720		2000072809		2001083105		2001092404		2001103123		1999111921		2001122017		2001010720

(* < 0.05% , # = 100.0%)

STATION: AUGA2

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

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (10/1999 - 12/2001) (18976 RECORDS, 98.2% HAVE ELEMENT)

	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANN			
	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF	F	CPF		
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	#	-	-	2	#		
65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999		
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	999		
61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	1	999		
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999		
58	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	2	999	5	999		
57	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	998	3	999		
56	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	998	1	997	3	999		
55	3	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	997	4	999		
54	-	-	-	-	2	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	996	5	999		
53	-	-	-	-	3	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	997	3	995	10	999		
52	4	996	-	-	3	997	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	995	2	994	11	998		
51	2	993	-	-	2	995	-	-	-	-	-	-	-	-	-	-	-	-	1	999	4	995	1	993	10	998		
50	1	991	-	-	1	993	-	-	-	-	-	-	-	-	-	-	-	-	1	999	5	993	6	992	14	997		
49	2	990	1	999	3	993	-	-	-	-	-	-	-	-	-	-	-	-	1	998	4	991	5	990	16	996		
48	6	989	1	998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	998	8	989	5	987	25	995
47	3	984	1	998	6	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	985	2	985	22	994		
46	8	981	2	997	8	986	-	-	-	-	-	-	-	-	-	-	-	-	2	995	10	980	6	984	36	993		
45	7	975	1	995	3	981	-	-	-	-	-	-	-	-	1	#	-	-	6	994	13	976	9	981	40	991		
44	3	969	3	995	8	979	1	#	-	-	-	-	-	-	1	999	-	-	4	991	10	970	8	977	38	989		
43	7	966	1	992	2	973	-	-	-	-	-	-	-	-	-	-	-	-	7	989	20	965	15	974	52	987		
42	10	961	3	992	7	972	1	999	-	-	-	-	-	-	-	-	-	-	11	986	8	955	20	967	60	984		
41	9	952	4	989	6	967	2	999	-	-	-	-	-	-	1	999	1	#	8	980	10	952	15	958	56	981		
40	16	945	6	986	19	963	1	997	-	-	-	-	-	-	-	-	1	999	11	976	20	947	35	951	109	978		
39	12	932	10	982	18	950	2	996	-	-	-	-	-	-	-	-	-	-	7	970	16	938	29	935	94	972		
38	10	922	17	974	24	938	2	995	-	-	-	-	-	-	2	998	2	999	12	967	19	930	34	922	122	967		
37	12	914	6	961	13	922	5	994	-	-	-	-	-	-	1	997	1	997	12	961	14	921	27	906	91	961		
36	14	904	16	957	23	913	3	990	-	-	-	-	-	-	-	-	2	997	11	955	30	915	28	894	127	956		
35	17	893	18	945	30	897	4	988	-	-	-	-	-	-	2	996	1	995	23	949	34	901	49	881	178	950		
34	20	879	16	931	25	877	5	985	-	-	-	-	-	-	1	995	1	994	30	937	29	885	23	859	150	940		
33	19	862	25	919	40	860	1	982	2	#	1	#	-	-	3	994	2	994	28	922	38	871	62	848	221	932		
32	17	847	25	900	32	832	6	981	1	999	1	999	1	#	1	992	-	-	20	908	43	853	46	820	193	921		
31	19	833	19	881	24	810	3	977	2	998	1	999	1	999	2	991	6	992	28	897	41	833	49	799	195	910		
30	21	817	26	867	37	794	4	974	1	997	-	-	1	999	6	990	6	988	39	883	48	814	57	777	246	900		

44	11	915	8	974	15	941	3	994	-	-	-	-	-	1	997	1	998	15	962	15	927	26	921	95	966	
43	21	906	10	968	32	931	1	991	1	#	-	-	-	1	997	2	997	12	954	17	920	43	909	140	961	
42	10	888	13	961	16	909	4	991	2	999	-	-	-	1	996	1	996	15	948	17	912	41	890	120	954	
41	5	880	12	951	18	898	3	988	-	-	-	-	-	-	-	2	995	27	940	29	904	34	871	130	947	
40	20	876	18	942	29	886	4	986	-	-	1	#	1	#	3	995	-	-	24	926	30	890	40	856	170	940
39	19	860	16	928	25	866	1	983	-	-	-	-	-	2	993	-	-	22	914	24	876	40	837	149	932	
38	24	844	22	916	20	849	3	982	2	998	-	-	1	999	4	992	1	994	24	903	40	865	55	819	196	924
37	11	824	15	900	32	836	1	980	1	997	-	-	-	3	989	5	993	22	891	30	846	43	794	164	913	
36	15	815	22	888	25	814	6	979	5	996	-	-	-	6	987	4	990	29	879	40	832	52	774	204	905	
35	17	803	15	872	28	797	8	975	8	993	1	999	2	999	9	983	7	987	41	865	53	813	49	751	238	894
34	20	789	20	860	33	778	5	969	4	987	4	998	2	997	5	977	11	982	34	844	27	788	46	728	211	881
33	32	773	33	845	46	755	6	966	4	984	2	995	-	-	12	974	16	974	54	826	55	776	82	707	342	870
32	19	747	30	820	28	724	19	962	3	982	2	994	1	996	19	965	21	963	40	799	37	750	57	670	276	852
31	19	731	21	798	28	705	15	948	6	980	2	992	1	995	10	953	15	948	39	778	32	733	37	644	225	838
30	21	715	39	782	34	686	14	938	12	976	8	991	1	995	34	946	22	938	43	758	37	718	46	627	311	826
29	18	698	42	752	37	663	26	928	12	967	16	985	3	994	32	923	19	922	38	736	48	700	50	606	341	809
28	18	683	41	721	36	637	37	909	17	959	13	974	4	992	44	901	32	909	59	717	55	678	57	583	413	791
27	14	669	34	690	29	613	28	883	18	948	14	965	6	989	42	871	31	887	58	687	42	652	53	557	369	770
26	30	657	53	664	51	593	39	863	38	935	26	955	11	985	41	843	42	865	70	657	70	632	62	533	533	750
25	24	632	42	624	40	558	35	835	27	910	33	937	28	977	44	815	35	836	65	621	44	599	41	505	458	722
24	15	613	32	592	34	531	37	810	31	891	20	914	13	958	46	786	45	811	45	588	41	579	44	486	403	698
23	20	600	33	568	47	508	43	784	30	870	29	900	28	949	61	754	43	780	59	565	57	560	52	466	502	677
22	24	584	33	543	35	476	36	754	33	850	21	880	27	930	41	713	58	750	57	535	53	533	67	443	485	650
21	27	564	22	518	39	452	41	728	40	827	27	865	39	912	68	685	40	709	40	506	57	508	65	412	505	625
20	20	542	32	502	25	425	29	699	26	800	23	846	32	885	44	639	39	682	52	485	41	481	43	382	406	598
19	31	526	26	477	38	408	56	678	51	782	29	830	70	863	57	610	66	654	61	459	61	462	67	363	613	577
18	19	500	25	458	18	382	34	638	43	748	38	810	62	815	47	571	50	608	50	428	61	433	34	332	481	544
17	24	485	26	439	30	370	36	614	51	718	50	783	53	772	41	539	47	573	39	402	39	405	52	317	488	519
16	22	465	30	419	35	350	41	589	42	684	53	748	62	736	43	512	55	541	44	382	54	386	54	293	535	493
15	21	447	23	397	37	326	44	560	48	655	51	711	67	694	46	482	58	502	50	360	49	361	48	268	542	465
14	29	430	17	379	35	301	39	528	71	622	74	675	63	648	45	451	54	462	48	334	42	338	41	247	558	436
13	34	406	33	366	38	277	47	501	67	574	78	623	68	605	57	421	52	424	50	310	37	318	53	228	614	407
12	32	378	20	341	48	251	68	467	78	529	70	569	71	558	48	382	65	388	49	284	49	301	39	204	637	375
11	30	352	41	326	40	218	64	419	70	476	78	520	66	509	51	350	48	342	38	259	68	278	47	186	641	341
10	25	327	19	295	34	191	59	374	67	428	66	465	65	464	40	315	44	309	60	240	50	246	27	165	556	307
9	42	307	42	281	37	168	75	332	65	382	68	419	75	419	41	288	48	278	51	209	54	223	52	152	650	278
8	41	272	37	249	28	142	66	278	64	338	72	371	53	368	51	260	55	244	53	183	78	197	39	129	637	244
7	39	239	24	221	33	123	53	232	82	295	73	321	73	332	48	226	47	206	43	156	52	161	46	111	613	210
6	36	207	31	203	24	101	59	194	84	239	61	270	84	282	64	194	41	173	45	134	57	136	37	90	623	178
5	47	177	56	180	48	85	71	152	97	182	90	227	102	224	70	150	57	145	58	111	59	110	39	73	794	145
4	57	139	43	137	36	52	54	102	57	116	90	164	76	154	56	103	44	105	48	81	58	82	31	55	650	103
3	38	92	50	105	21	27	43	63	56	77	61	101	72	102	51	65	48	74	52	57	49	55	36	41	577	69
2	30	61	53	67	12	13	27	33	36	39	50	58	51	53	23	30	35	41	34	30	35	32	23	25	409	38
1	22	36	24	27	5	5	15	13	15	14	27	23	22	18	17	15	16	16	21	13	28	15	22	14	234	17
0	22	18	12	9	2	1	4	3	6	4	6	4	4	3	5	3	7	5	4	2	5	2	9	4	86	5

MEAN	21.0	20.1	23.7	15.4	13.2	12.1	11.8	16.3	16.0	21.4	22.4	25.3	18.7
S.D.	15.2	12.8	13.2	9.4	8.0	7.4	6.8	9.3	9.0	12.4	14.0	13.6	12.3
TOTAL	1219	1324	1467	1408	1470	1428	1459	1432	1957	2132	2194	18968	
MAX	70.8	65.1	63.8	49.6	43.4	39.5	39.5	52.9	47.4	59.3	75.2	70.2	75.2
DATE	2001011711	2001022709	2000032708	2001040304	2000050423	2000060714	2001071909	2001082819	2001092413	1999101601	2001111723	2001122011	2001111723
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	2000012502	2000022315	2000033114	2000042714	2001051706	2001062314	2001070504	2001082611	2000092313	2001100708	2000112718	1999121714	2001100708

(* < 0.05% , # = 100.0%)

STATION: AUGA2

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

(HIGHEST 5-SECOND AVERAGE DURING PAST HOUR)

ELEMENT: HOURLY PEAK WIND GUST (KNOTS) -- POR: (1/2000 - 12/2001) (16934 RECORDS, 16.3% 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	
78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	#	1	#	2	#	
77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	999	-	-	1	999	
76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	999	-	-	2	999	
75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	997	2	999	3	999	
73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	999	
72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	998	3	999
71	3	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	996	1	996	5	999	
70	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	995	3	999	
69	1	998	1	#	1	999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	994	4	999	
68	-	-	2	999</																							

61	5	982	1	995	3	990	-	-	-	-	-	-	-	-	-	-	-	-	2	987	11	996				
60	6	978	2	994	2	988	-	-	-	-	-	-	-	-	2	#	-	-	4	986	16	995				
59	4	973	1	992	2	986	-	-	-	-	-	-	-	-	3	999	2	992	6	983	18	994				
58	4	969	2	992	-	-	1	#	-	-	-	-	-	-	2	997	4	991	-	-	13	993				
57	3	966	2	990	4	985	1	999	-	-	-	-	-	-	2	995	3	988	7	979	22	992				
56	11	963	-	-	6	982	-	-	-	-	-	-	-	-	6	994	1	986	8	974	32	991				
55	8	954	4	989	10	978	-	-	-	-	-	-	-	-	3	990	2	985	11	968	38	989				
54	7	948	4	986	8	971	2	999	-	-	-	-	-	-	7	988	10	984	13	961	51	987				
53	8	942	4	982	9	966	-	-	-	-	-	-	-	1	#	-	-	7	983	5	977	43	984			
52	9	935	5	979	11	960	3	997	-	-	-	-	-	-	4	978	5	973	13	946	50	981				
51	12	928	2	976	15	952	1	995	-	-	-	-	-	2	999	1	#	7	975	6	969	61	978			
50	11	918	4	974	7	942	4	994	-	-	-	-	-	-	1	999	13	970	9	965	19	926	68	975		
49	10	909	3	971	18	937	2	991	-	-	-	-	-	1	998	-	-	10	961	11	959	31	913	86	971	
48	22	900	13	969	18	925	1	990	-	-	-	-	-	3	997	2	999	10	955	11	951	29	892	109	966	
47	17	882	10	959	20	912	2	989	-	-	-	-	-	-	-	-	-	23	948	14	943	26	872	112	959	
46	18	868	11	951	29	898	2	988	-	-	-	-	-	1	995	4	997	25	932	21	933	28	854	139	953	
45	19	853	13	943	21	879	6	987	2	#	-	-	-	-	1	994	11	915	21	918	36	835	130	944		
44	10	837	14	933	22	864	5	982	1	999	-	-	-	-	2	994	14	907	15	903	24	810	107	937		
43	17	829	20	922	25	849	-	-	2	998	-	-	-	6	995	2	992	15	897	19	893	41	793	147	930	
42	15	815	18	907	32	832	3	979	4	997	-	-	-	2	990	2	991	15	887	18	879	23	765	132	922	
41	17	802	22	893	22	810	2	977	2	994	-	-	1	#	10	989	4	989	27	877	33	866	34	749	174	914
40	30	788	28	877	23	795	6	975	1	993	2	#	2	999	6	982	7	987	24	858	33	843	46	726	208	904
39	25	763	20	855	27	779	6	971	7	992	1	999	2	998	5	978	10	982	32	842	30	819	43	694	208	891
38	18	743	23	840	40	760	7	967	7	987	-	-	2	997	7	975	9	975	31	820	29	798	34	664	207	879
37	13	728	22	823	26	733	13	962	6	982	2	998	1	995	11	970	19	968	26	798	32	778	24	641	195	867
36	17	717	21	806	36	715	11	952	5	978	3	996	-	-	10	963	20	955	23	780	37	755	32	624	215	855
35	19	703	28	790	36	690	16	945	7	975	4	994	4	994	22	956	16	941	46	765	23	729	23	602	244	843
34	18	687	33	768	24	666	19	933	4	970	10	992	-	-	25	941	17	930	39	733	24	712	23	586	236	828
33	38	672	44	743	45	649	28	920	17	967	14	985	2	992	50	924	26	918	56	706	44	695	35	571	399	814
32	16	640	47	710	25	618	22	900	17	956	11	975	4	990	43	890	32	899	36	668	23	664	33	547	309	791
31	18	627	37	674	31	601	32	884	22	944	19	967	3	988	41	861	24	877	42	643	21	647	17	524	307	772
30	18	612	34	646	49	580	34	862	26	929	15	954	7	986	35	833	46	860	38	614	39	633	37	512	378	754
29	27	597	41	620	31	546	39	837	24	911	19	943	6	981	36	809	44	827	41	588	42	605	27	487	377	732
28	24	575	37	589	37	525	44	810	33	895	24	930	21	977	47	785	40	796	53	560	35	575	36	468	431	710
27	16	555	27	561	25	500	31	778	22	873	28	913	13	962	49	753	38	768	41	523	21	550	31	443	342	684
26	21	542	43	540	58	482	51	756	40	858	31	893	35	953	67	719	46	742	45	495	53	535	44	422	534	664
25	21	524	27	507	35	443	38	720	35	830	28	872	33	929	38	674	51	709	28	464	36	498	41	391	411	633
24	25	507	23	487	27	419	47	693	36	807	30	852	32	906	39	648	37	673	36	445	28	472	37	363	397	608
23	24	486	18	469	40	400	38	660	41	782	25	831	38	884	51	622	41	647	38	420	39	452	41	338	434	585
22	19	466	29	455	23	373	34	633	33	754	26	814	61	858	52	587	51	618	25	394	33	424	42	309	428	559
21	19	450	18	433	22	357	40	609	55	732	32	795	54	816	55	552	49	582	38	376	43	401	33	280	458	534
20	15	434	27	420	30	342	34	580	32	694	36	773	67	779	43	514	47	548	37	350	27	370	34	258	429	507
19	31	422	28	399	25	321	51	556	55	672	54	748	73	733	48	485	68	515	46	325	46	351	35	234	560	482
18	20	396	23	378	25	304	34	520	30	635	60	710	88	683	36	452	50	467	34	293	32	318	26	210	458	448
17	28	380	20	360	37	287	38	496	55	614	58	668	55	622	42	428	44	432	31	270	26	296	27	192	461	421
16	34	356	26	345	54	261	42	469	70	577	78	627	59	585	35	399	41	401	33	248	33	277	34	174	539	394
15	36	328	25	325	29	224	44	439	74	529	63	573	63	544	52	376	52	372	25	226	20	254	18	150	501	362
14	24	298	21	306	38	205	55	408	63	479	58	528	53	501	42	340	42	335	26	209	21	240	24	138	467	333
13	34	278	29	290	33	178	52	369	63	436	73	488	53	464	39	312	48	306	35	191	33	225	22	121	514	305
12	36	250	39	268	44	156	76	332	72	393	76	437	73	428	45	285	62	272	31	167	41	201	26	106	621	275
11	39	220	36	238	33	126	61	278	77	344	59	383	68	378	43	255	33	228	35	145	38	172	25	88	547	238
10	22	188	15	211	29	103	59	234	52	292	68	342	57	331	35	226	37	205	35	121	35	145	14	71	458	206
9	46	169	37	200	21	83	55	192	84	256	74	294	76	292	43	202	40	179	28	97	38	120	12	61	554	179
8	40	131	34	171	26	69	49	153	82	199	75	242	89	239	66	173	41	151	30	78	30	93	18	53	580	146
7	23	98	39	145	23	51	54	119	52	143	63	190	71	178	60	128	37	122	26	57	27	72	17	41	492	112
6	37	79	46	116	18	35	45	80	62	108	69	146	67	129	55	87	44	96	26	39	18	53	9	29	496	83
5	31	48	44	81	19	23	36	48	52	65	78	97	63	83	40	50	52	65	20	21	30	40	24	23	489	54
4	9	22	29	47	9	10	25	23	24	30	35	43	42	40	24	22	23	28	10	8	16	18	7	6	253	25
3	9	15	17	25	3	3	4	5	17	14	16	18	13	11	7	6	9	12	1	1	8	7	2	1	106	10
2	9	7	10	12	2	1	3	2	2	2	9	7	3	2	2	1	7	6	-	-	2	1	-	-	49	3
1	-	-	6	5	-	-	-	1	1	1	1	1	-	-	-	-	1	1	-	-	-	-	-	-	9	1
MEAN	26.4	24.2	28.0	19.1	16.4	14.9	14.8	19.8	19.6	26.5	26.2	30.8	22.1													
S.D.	15.9	13.7	13.8	10.1	8.6	7.9	7.1	9.8	9.7	12.5	13.5	14.1	12.8													
TOTAL	1204	1313	1457	1408	1468	1427	1454	1472	1420	1453	1407	1451	16934													
MAX	71.2	69.2	70.4	57.7	45.3	40.0	40.8	52.9	50.7	60.1	77.6	77.6	77.6													
DATE	2001011712	2001022709	2000032709</																							

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
1999	MEAN	-	-	-	-	-	-	-	-	-	1.0	-1.3	-6.0	-2.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	7.6	5.9	5.1	7.6
	DAY-HR	-	-	-	-	-	-	-	-	-	12-05	14-14	22-10	OCT
	MINIMUM	-	-	-	-	-	-	-	-	-	-8.5	-9.3	-20.2	-20.2
	DAY-HR	-	-	-	-	-	-	-	-	-	30-02	01-18	13-10	DEC
	# OBS	-	-	-	-	-	-	-	-	-	501	700	740	1941
2000	MEAN	-7.8	-0.2	1.1	2.9	6.8	9.5	11.8	12.9	8.7	4.1	3.1	1.9	4.7
	MAXIMUM	2.2	3.5	4.1	10.1	14.9	18.1	24.7	21.2	12.8	9.7	8.4	5.9	24.7
	DAY-HR	24-12	02-18	19-01	16-05	28-04	30-03	13-04	13-01	22-04	07-18	11-04	12-03	JUL
	MINIMUM	-22.7	-15.6	-6.4	-5.4	1.8	5.8	8.7	7.8	3.0	-2.9	-6.7	-9.1	-22.7
	DAY-HR	01-01	01-01	25-11	01-06	10-14	08-13	09-12	27-05	28-16	23-04	30-19	02-03	JAN
	# OBS	710	662	606	695	730	712	739	741	715	729	713	727	8479
2001	MEAN	-0.1	-0.0	-0.6	2.3	5.5	12.4	12.5	13.3	10.5	1.0	-0.1	-6.5	4.4
	MAXIMUM	5.6	4.1	3.8	9.3	17.3	21.4	20.1	20.3	15.7	11.5	6.5	4.0	21.4
	DAY-HR	15-08	28-01	11-20	30-04	29-02	27-04	27-03	02-02	02-01	05-00	18-17	31-23	JUN
	MINIMUM	-10.5	-6.0	-10.9	-6.1	-6.8	6.1	8.4	9.5	6.1	-8.4	-9.5	-19.4	-19.4
	DAY-HR	10-02	28-12	31-16	01-14	03-16	13-14	05-14	30-16	30-14	28-18	16-04	19-10	DEC
	# OBS	509	663	733	714	739	716	719	736	717	725	718	688	8377
POR	MEAN	-4.6	-0.1	0.2	2.6	6.1	10.9	12.1	13.1	9.6	2.2	0.6	-3.5	3.8
	MAXIMUM	5.6	4.1	4.1	10.1	17.3	21.4	24.7	21.2	15.7	11.5	8.4	5.9	24.7
	YEAR	2001	2001	2000	2000	2001	2001	2000	2000	2001	2001	2000	2000	JUL/2000
	MINIMUM	-22.7	-15.6	-10.9	-6.1	-6.8	5.8	8.4	7.8	3.0	-8.5	-9.5	-20.2	-22.7
	YEAR	2000	2000	2001	2001	2001	2000	2001	2000	2000	1999	2001	1999	JAN/2000
	# OBS	1219	1325	1339	1409	1469	1428	1458	1477	1432	1955	2131	2155	18797

STATION: AUGA2 -- POR (10/1999 - 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
1999	MEAN	-	-	-	-	-	-	-	-	-	-4.6	-5.9	-10.5	-7.3
	MAXIMUM	-	-	-	-	-	-	-	-	-	5.9	2.0	3.8	5.9
	DAY-HR	-	-	-	-	-	-	-	-	-	17-17	07-06	22-09	OCT
	MINIMUM	-	-	-	-	-	-	-	-	-	-15.5	-25.4	-31.4	-31.4
	DAY-HR	-	-	-	-	-	-	-	-	-	30-18	11-06	29-13	DEC
	# OBS	-	-	-	-	-	-	-	-	-	501	701	740	1942
2000	MEAN	-12.6	-2.3	-3.8	-2.3	-0.5	5.6	8.1	6.6	3.5	-0.2	-0.0	-0.8	0.2
	MAXIMUM	0.4	1.1	1.5	2.3	5.9	11.0	12.7	13.0	12.3	8.1	6.3	4.8	13.0
	DAY-HR	24-11	20-01	21-02	19-23	31-19	29-04	12-04	13-20	22-02	06-05	10-09	12-01	AUG
	MINIMUM	-29.2	-30.2	-23.6	-13.0	-8.4	-1.8	-0.9	-2.0	-7.2	-12.2	-13.7	-17.8	-30.2
	DAY-HR	01-00	01-13	27-18	01-09	04-16	06-05	28-09	25-16	29-20	13-05	01-05	01-12	FEB
	# OBS	710	662	735	692	729	712	738	742	716	728	712	724	8600
2001	MEAN	-3.1	-3.5	-5.2	-1.9	-1.3	5.3	8.9	10.1	6.7	-3.5	-3.0	-9.6	0.0
	MAXIMUM	5.3	2.8	3.7	3.7	6.1	11.1	14.0	13.0	10.8	10.1	5.7	3.6	14.0
	DAY-HR	15-02	06-14	11-20	03-09	31-00	22-22	22-04	14-18	04-23	04-13	18-15	26-15	JUL
	MINIMUM	-24.5	-16.7	-28.6	-15.9	-16.5	-0.3	2.1	4.8	0.0	-14.2	-15.0	-25.2	-28.6
	DAY-HR	10-21	14-03	02-07	01-10	03-22	02-03	07-13	06-02	22-20	22-04	14-23	08-17	MAR
	# OBS	508	661	732	711	739	716	633	736	716	725	716	688	8281
POR	MEAN	-8.6	-2.9	-4.5	-2.1	-0.9	5.4	8.4	8.3	5.1	-2.6	-3.0	-6.9	-0.7
	MAXIMUM	5.3	2.8	3.7	3.7	6.1	11.1	14.0	13.0	12.3	10.1	6.3	4.8	14.0
	YEAR	2001	2001	2001	2001	2001	2001	2001	2001	2000	2001	2000	2000	JUL/2001
	MINIMUM	-29.2	-30.2	-28.6	-15.9	-16.5	-1.8	-0.9	-2.0	-7.2	-15.5	-25.4	-31.4	-31.4
	YEAR	2000	2000	2001	2001	2001	2000	2000	2000	2000	1999	1999	1999	DEC/1999
	# OBS	1218	1323	1467	1403	1468	1428	1371	1478	1432	1954	2129	2152	18823

STATION: AUGA2 -- POR (10/1999 - 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
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1999	MEAN	-	-	-	-	-	-	-	-	-	999.3	996.6	999.8	998.5
	MAXIMUM	-	-	-	-	-	-	-	-	-	1021.4	1015.5	1027.1	1027.1
	DAY-HR	-	-	-	-	-	-	-	-	-	14-23	28-02	24-22	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	984.8	967.0	976.2	967.0
	DAY-HR	-	-	-	-	-	-	-	-	-	12-14	19-21	01-17	NOV
	# OBS	-	-	-	-	-	-	-	-	-	501	701	740	1942
2000	MEAN	1004.0	1003.4	999.2	1009.2	1013.8	1014.7	1013.3	1015.9	1009.4	1001.3	1002.4	1003.7	1007.6
	MAXIMUM	1033.2	1022.1	1019.6	1028.1	1030.3	1030.5	1020.7	1026.8	1025.7	1021.8	1026.3	1030.2	1033.2
	DAY-HR	13-22	10-07	31-23	09-21	31-23	01-00	03-22	30-21	20-06	03-09	09-00	08-13	JAN
	MINIMUM	961.4	977.0	977.5	977.5	995.2	998.7	1000.4	1001.7	993.6	978.5	974.8	976.1	961.4
	DAY-HR	27-06	19-15	03-02	21-05	01-00	07-20	28-09	20-17	06-23	08-00	24-16	30-01	JAN
	# OBS	710	662	735	695	730	710	740	740	713	731	710	728	8604
2001	MEAN	988.9	1010.2	1002.7	1006.8	1009.6	1016.9	1014.3	1010.0	1003.5	1001.8	999.1	996.1	1005.3
	MAXIMUM	1012.2	1031.9	1031.8	1024.2	1026.5	1026.8	1024.4	1030.8	1027.6	1018.6	1026.1	1009.5	1031.9
	DAY-HR	11-08	14-12	21-22	15-12	25-12	16-20	01-00	08-08	08-22	03-05	27-00	23-12	FEB
	MINIMUM	952.6	954.5	973.4	984.5	994.0	1003.3	1001.0	988.7	979.3	976.8	975.4	967.5	952.6
	DAY-HR	07-20	27-13	11-15	29-14	03-12	03-05	05-15	31-05	24-04	31-23	01-03	20-17	JAN
	# OBS	509	662	733	714	739	716	719	736	716	724	718	743	8429
POR	MEAN	997.7	1006.8	1001.0	1008.0	1011.7	1015.8	1013.8	1012.9	1006.5	1001.0	999.4	999.9	1005.6
	MAXIMUM	1033.2	1031.9	1031.8	1028.1	1030.3	1030.5	1024.4	1030.8	1027.6	1021.8	1026.3	1030.2	1033.2
	YEAR	2000	2001	2001	2000	2000	2000	2001	2001	2001	2000	2000	2000	JAN/2000
	MINIMUM	952.6	954.5	973.4	977.5	994.0	998.7	1000.4	988.7	979.3	976.8	967.0	967.5	952.6
	YEAR	2001	2001	2001	2000	2001	2000	2000	2001	2001	2001	1999	2001	JAN/2001
	# OBS	1219	1324	1468	1409	1469	1426	1459	1476	1429	1956	2129	2211	18975

STATION: AUGA2 -- POR (10/1999 - 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
1999	MEAN	-	-	-	-	-	-	-	-	-	15.8	19.6	20.0	18.8
	MAXIMUM	-	-	-	-	-	-	-	-	-	52.3	53.1	60.7	60.7
	DAY-HR	-	-	-	-	-	-	-	-	-	16-02	13-04	25-12	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
	DAY-HR	-	-	-	-	-	-	-	-	-	28-17	28-22	17-14	DEC
	# OBS	-	-	-	-	-	-	-	-	-	501	701	740	1942
2000	MEAN	13.5	17.1	22.3	13.4	10.5	9.6	10.3	15.4	12.1	18.2	19.9	23.7	15.5
	MAXIMUM	50.9	49.0	53.7	43.7	32.5	32.9	25.9	34.6	31.1	48.4	49.0	53.8	53.8
	DAY-HR	31-22	01-03	27-08	10-18	04-23	07-14	27-19	02-13	13-14	10-19	24-13	17-17	DEC
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.8	0.0
	DAY-HR	25-11	23-15	31-14	29-16	13-07	27-14	19-05	24-08	25-10	21-08	27-18	02-19	NOV
	# OBS	710	662	735	695	730	713	741	743	717	731	714	727	8618
2001	MEAN	22.4	17.1	18.1	12.2	10.4	9.9	8.9	10.9	13.8	17.7	17.1	19.4	14.6
	MAXIMUM	56.6	57.7	46.5	42.2	32.9	27.2	32.1	44.9	41.0	48.4	65.5	62.0	65.5
	DAY-HR	17-11	27-09	24-20	03-03	03-12	13-15	19-09	28-19	24-13	31-23	17-23	20-11	NOV
	MINIMUM	0.2	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
	DAY-HR	04-11	20-20	08-03	23-15	17-06	23-14	05-04	26-11	09-11	07-08	23-13	19-12	NOV
	# OBS	509	662	732	715	740	716	719	737	717	725	718	726	8416
POR	MEAN	17.3	17.1	20.2	12.8	10.5	9.8	9.6	13.1	12.9	17.4	18.9	21.0	15.4
	MAXIMUM	56.6	57.7	53.7	43.7	32.9	32.9	32.1	44.9	41.0	52.3	65.5	62.0	65.5
	YEAR	2001	2001	2000	2000	2001	2000	2001	2001	2001	1999	2001	2001	NOV/2001
	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	2000	2001	2000	2000	2001	2001	2001	2001	2001	2001	2001	1999	NOV/2001
	# OBS	1219	1324	1467	1410	1470	1429	1460	1480	1434	1957	2133	2193	18976

STATION: AUGA2 -- POR (10/1999 - 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
1999	MEAN	-	-	-	-	-	-	-	-	-	19.6	23.4	24.5	22.8
	MAXIMUM	-	-	-	-	-	-	-	-	-	59.3	60.7	69.8	69.8
	DAY-HR	-	-	-	-	-	-	-	-	-	16-01	04-21	25-12	DEC
	# OBS	-	-	-	-	-	-	-	-	-	501	701	740	1942

2000	MEAN	16.8	20.0	25.8	15.9	13.2	11.7	12.7	19.4	15.1	22.0	23.6	27.9	18.7
	MAXIMUM	60.1	59.7	63.8	48.0	43.4	39.5	31.3	42.6	36.5	58.5	55.6	63.8	63.8
	DAY-HR	31-23	01-03	27-08	10-18	04-23	07-14	27-19	14-00	21-21	05-09	24-16	17-17	DEC
	# OBS	710	662	735	695	730	712	740	742	716	732	713	728	8615
2001	MEAN	26.9	20.3	21.6	14.8	13.2	12.4	10.9	13.3	16.8	22.1	20.3	23.7	17.8
	MAXIMUM	70.8	65.1	54.8	49.6	42.2	32.7	39.5	52.9	47.4	57.3	75.2	70.2	75.2
	DAY-HR	17-11	27-09	24-20	03-04	03-12	13-15	19-09	28-19	24-13	31-23	17-23	20-11	NOV
	# OBS	509	662	732	713	740	716	719	736	716	724	718	726	8411
POR	MEAN	21.0	20.1	23.7	15.4	13.2	12.1	11.8	16.3	16.0	21.4	22.4	25.3	18.7
	MAXIMUM	70.8	65.1	63.8	49.6	43.4	39.5	39.5	52.9	47.4	59.3	75.2	70.2	75.2
	YEAR	2001	2001	2000	2001	2000	2000	2001	2001	2001	1999	2001	2001	NOV/2001
	# OBS	1219	1324	1467	1408	1470	1428	1459	1478	1432	1957	2132	2194	18968

STATION: AUGA2 -- POR (1/2000 - 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
2000	MEAN	22.1	23.9	30.1	19.4	16.4	14.5	15.7	23.3	18.8	26.3	28.1	32.8	22.6
	MAXIMUM	65.1	62.2	70.4	52.3	44.7	40.0	35.0	46.1	40.4	60.1	57.7	77.6	77.6
	DAY-HR	31-20	01-00	27-09	10-20	04-23	07-16	27-19	02-10	21-16	05-11	24-13	17-21	DEC
	MINIMUM	1.7	1.0	1.9	1.9	1.6	1.4	1.9	2.5	1.4	3.3	2.1	4.5	1.0
	DAY-HR	25-11	22-00	18-04	29-14	06-15	04-11	19-06	07-04	01-15	27-13	26-05	08-06	FEB
# OBS	696	652	727	695	730	711	735	736	705	729	690	725	8531	
2001	MEAN	32.2	24.4	25.9	18.7	16.3	15.4	13.8	16.4	20.4	26.7	24.3	28.8	21.7
	MAXIMUM	71.2	69.2	57.0	57.7	45.3	36.5	40.8	52.9	50.7	58.9	77.6	74.3	77.6
	DAY-HR	17-12	27-09	24-22	03-05	03-12	13-15	19-14	28-19	24-13	31-23	17-21	20-14	NOV
	MINIMUM	4.1	2.3	2.3	1.6	1.2	1.7	1.9	1.7	2.1	4.3	2.3	2.7	1.2
	DAY-HR	06-00	13-23	08-03	13-06	17-06	19-16	05-04	10-16	07-08	29-21	05-22	27-22	MAY
# OBS	508	661	730	713	738	716	719	736	715	724	717	726	8403	
POR	MEAN	26.4	24.2	28.0	19.1	16.4	14.9	14.8	19.8	19.6	26.5	26.2	30.8	22.1
	MAXIMUM	71.2	69.2	70.4	57.7	45.3	40.0	40.8	52.9	50.7	60.1	77.6	77.6	77.6
	YEAR	2001	2001	2000	2001	2001	2000	2001	2001	2001	2000	2001	2000	NOV/2001
	MINIMUM	1.7	1.0	1.9	1.6	1.2	1.4	1.9	1.7	1.4	3.3	2.1	2.7	1.0
	YEAR	2000	2000	2000	2001	2001	2000	2001	2001	2000	2000	2000	2001	FEB/2000
# OBS	1204	1313	1457	1408	1468	1427	1454	1472	1420	1453	1407	1451	16934	

STATION: AUGA2

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

Month: JAN

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.9	-	-	-	0.2	0.1	0.1	-	0.3	0.2	0.1	0.2	-	3.1	38
1 - 3		0.6	0.4	0.3	0.2	0.4	0.7	1.4	1.7	1.2	1.4	1.5	0.9	10.8	131
4 - 6		0.4	0.9	0.3	0.2	-	0.3	1.1	1.1	1.1	1.3	4.4	1.1	12.2	148
7 - 10		0.8	0.7	0.8	0.1	0.2	0.4	0.5	0.4	0.2	2.1	5.3	1.5	13.1	158
11 - 15		0.1	1.4	0.9	0.2	0.7	1.2	0.2	0.2	0.2	1.7	4.9	1.1	12.8	155
16 - 20		0.2	1.4	0.5	0.6	1.7	1.6	0.2	0.2	0.1	1.5	2.9	0.3	11.2	135
21 - 24		-	0.9	0.8	0.7	1.1	1.1	0.1	-	-	1.0	1.2	-	6.9	83
25 - 33		-	2.8	4.0	0.7	2.4	1.2	-	-	-	3.8	1.1	-	16.0	194
34 - 47		-	5.5	2.8	-	0.9	-	-	-	-	2.6	0.4	-	12.2	148
> 48		-	1.4	-	-	-	-	-	-	-	0.2	-	-	1.7	20
TOTAL %	1.9	2.1	15.5	10.5	3.0	7.4	6.7	3.6	4.0	3.1	15.6	21.7	4.9	100.0	
TOTAL N	23	25	188	127	36	90	81	43	49	37	189	263	59		1210

(* < 0.05%)

STATION: AUGA2

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	1.0	0.2	-	-	0.2	-	0.1	-	-	0.1	0.1	0.3	0.2	2.0	27
1 - 3		1.1	0.9	0.7	0.9	0.8	1.1	0.7	0.6	1.2	1.4	2.3	1.7	13.2	175
4 - 6		0.7	0.8	0.5	0.7	0.5	0.2	0.5	0.5	0.2	0.8	2.6	1.1	9.1	120
7 - 10		0.5	2.4	2.1	0.7	0.5	0.2	0.3	0.3	-	1.1	2.0	0.3	10.3	137
11 - 15		0.2	1.1	4.5	0.8	0.7	0.6	0.4	0.3	0.2	1.4	0.8	-	10.8	143
16 - 20		0.1	1.4	5.3	1.3	1.8	0.5	0.5	-	0.1	1.7	0.2	-	12.9	171
21 - 24		-	1.0	6.1	1.3	2.6	0.5	0.1	-	0.1	2.2	0.4	-	14.2	188

25 - 33	-	2.9	12.0	1.1	2.3	0.2	-	-	-	0.9	-	-	19.3	256
34 - 47	-	1.7	3.2	0.2	1.7	0.2	-	-	0.1	0.7	-	-	7.9	104
> 48	-	0.2	-	-	-	-	-	-	-	0.1	-	-	0.2	3
TOTAL %	1.0	2.6	12.4	34.4	7.0	10.9	3.5	2.4	1.7	2.0	10.4	8.5	3.3	100.0
TOTAL N	13	35	164	455	93	144	46	32	22	26	138	112	44	1324

(* < 0.05%)

STATION: AUGA2

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	0.2	-	-	-	-	-	-	-	0.1	0.1	-	-	0.1	0.4	6
1 - 3		0.5	0.3	0.4	0.5	0.3	0.2	0.3	0.7	0.5	0.4	0.5	0.5	5.4	79
4 - 6		0.4	0.2	0.3	0.8	0.3	0.5	0.7	0.8	0.5	0.7	1.8	0.5	7.8	114
7 - 10		0.2	0.1	0.6	0.9	0.6	1.5	1.0	0.3	0.5	2.0	3.5	0.5	11.6	170
11 - 15		0.2	0.7	1.8	0.8	1.2	1.2	0.5	-	0.2	2.3	4.8	0.7	14.5	212
16 - 20		-	1.2	3.3	1.0	2.5	0.3	-	-	-	2.4	1.2	-	12.0	176
21 - 24		0.1	0.8	6.0	1.4	1.6	0.2	-	-	-	1.6	0.3	-	11.9	175
25 - 33		-	6.8	9.7	1.7	1.8	0.1	-	-	-	1.8	0.5	-	22.4	329
34 - 47		-	6.7	3.0	0.6	0.4	-	-	-	-	2.2	0.2	-	13.1	192
> 48		-	0.3	0.1	-	-	-	-	-	-	0.5	-	-	1.0	14
TOTAL %	0.2	1.4	17.2	25.3	7.7	8.9	4.0	2.5	1.8	1.8	13.9	12.8	2.3	100.0	
TOTAL N	3	21	253	371	113	130	59	37	27	27	204	188	34	1467	

(* < 0.05%)

STATION: AUGA2

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

Month: APR

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.3	0.1	-	-	-	0.1	-	-	-	0.1	-	0.1	0.1	0.7	10
1 - 3		1.0	1.1	1.0	0.7	0.9	1.1	1.0	0.8	1.1	0.8	0.8	0.6	10.7	151
4 - 6		1.6	0.7	0.2	0.6	1.1	1.3	1.3	0.8	0.8	1.5	4.0	1.6	15.7	221
7 - 10		0.7	0.6	1.3	1.2	1.1	1.2	1.3	0.4	0.4	3.7	7.5	1.6	20.9	295
11 - 15		0.2	1.7	2.8	2.4	1.3	0.3	0.2	-	0.4	3.6	3.3	0.4	16.7	235
16 - 20		0.1	1.0	5.2	2.3	1.8	0.3	0.3	0.1	0.3	3.5	0.9	-	15.7	221
21 - 24		-	1.6	4.2	0.9	0.6	0.1	0.1	-	0.2	3.5	0.1	-	11.2	158
25 - 33		-	1.1	4.1	0.1	0.7	-	-	-	-	0.5	0.1	-	6.5	92
34 - 47		-	0.9	0.2	-	0.4	-	-	-	-	0.3	-	-	1.8	26
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	3.7	8.6	18.9	8.2	8.1	4.3	4.3	2.1	3.2	17.4	16.6	4.3	100.0	
TOTAL N	4	52	121	267	116	114	61	60	29	45	245	234	61	1409	

(* < 0.05%)

STATION: AUGA2

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	-	-	-	0.1	-	-	0.1	-	-	0.1	-	-	0.7	10
1 - 3		1.2	1.4	0.9	1.5	1.2	0.9	0.9	0.7	0.7	0.7	1.3	1.4	12.8	188
4 - 6		1.8	1.4	1.3	1.8	3.1	1.6	2.4	1.1	0.5	1.4	1.8	1.4	19.4	285
7 - 10		0.7	0.5	1.0	1.0	2.2	4.1	2.6	1.5	0.8	4.4	2.6	1.4	22.9	336
11 - 15		0.2	0.9	1.0	1.1	2.3	3.7	1.1	0.5	0.3	7.8	3.3	0.5	22.8	335
16 - 20		-	0.6	0.3	0.3	0.4	1.0	-	-	0.1	7.9	3.1	0.1	13.7	202
21 - 24		-	1.0	0.5	-	-	-	-	-	-	3.3	0.7	-	5.4	79
25 - 33		-	0.2	0.1	-	-	-	-	-	-	2.0	0.1	-	2.4	35
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	3.9	5.9	5.0	5.7	9.2	11.3	7.1	3.8	2.4	27.7	12.8	4.8	100.0	
TOTAL N	6	58	87	74	84	135	166	104	56	35	407	188	70	1470	

(* < 0.05%)

STATION: AUGA2

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	-	0.1	0.1	-	-	0.1	-	-	-	-	-	0.3	1.0	14
1 - 3		1.5	2.2	1.5	1.5	1.7	1.3	1.4	1.1	0.7	1.0	1.0	1.7	16.7	238
4 - 6		0.7	0.6	0.9	1.1	3.4	2.7	3.1	0.6	0.4	0.6	2.2	1.0	17.4	248

7 - 10	0.7	-	0.2	1.0	4.9	3.8	8.1	1.1	0.6	1.1	2.1	0.5	24.1	345
11 - 15	-	-	0.7	1.8	5.4	2.9	5.6	0.3	0.2	3.5	2.0	0.3	22.8	326
16 - 20	-	-	0.3	0.4	2.8	0.6	0.6	-	0.1	5.0	1.9	-	11.8	169
21 - 24	-	-	0.1	0.6	1.8	-	-	-	-	1.6	0.7	-	4.8	69
25 - 33	-	-	-	0.4	0.8	-	-	-	-	0.1	0.1	-	1.4	20
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	2.9	2.9	3.9	6.9	20.8	11.3	18.8	3.1	2.0	12.9	10.1	3.8	100.0
TOTAL N	6	41	41	56	98	297	162	269	45	29	185	145	55	1429

(* < 0.05%)

STATION: AUGA2

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	0.3	0.1	0.1	-	-	-	0.1	-	-	-	0.1	-	0.1	0.7	10
1 - 3	-	1.0	1.3	1.7	1.6	2.1	1.6	1.7	1.2	0.3	0.7	1.6	1.0	15.8	231
4 - 6	-	0.5	0.5	0.9	1.4	5.5	2.9	2.1	1.4	0.4	0.5	1.2	1.3	18.6	271
7 - 10	-	0.1	0.3	0.6	0.8	4.7	4.7	4.7	0.8	0.4	2.7	2.2	0.5	22.6	330
11 - 15	-	-	0.8	0.7	1.4	3.4	4.2	4.6	0.4	0.1	5.8	3.6	0.1	25.0	365
16 - 20	-	-	0.8	0.5	0.7	4.0	1.4	0.9	-	-	4.4	1.5	0.1	14.4	210
21 - 24	-	-	0.1	-	0.1	1.2	0.3	-	-	-	0.4	0.2	-	2.3	34
25 - 33	-	-	-	-	-	0.5	-	-	-	-	0.1	-	-	0.6	9
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	1.6	3.9	4.5	6.0	21.4	15.3	14.0	3.8	1.2	14.7	10.3	3.1	100.0	
TOTAL N	5	24	57	65	87	312	224	204	55	18	214	150	45	1460	

(* < 0.05%)

STATION: AUGA2

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	0.3	0.1	0.1	-	0.1	-	0.1	-	0.1	0.1	0.1	-	-	0.9	13
1 - 3	-	0.6	0.7	0.7	0.7	1.4	1.3	0.9	0.6	0.8	0.1	1.3	1.1	10.2	151
4 - 6	-	0.3	0.5	0.3	1.2	3.3	2.3	1.5	0.5	0.1	0.7	1.6	0.9	13.4	198
7 - 10	-	0.1	0.2	1.0	1.3	2.1	2.2	2.5	0.3	0.1	3.0	2.0	0.5	15.3	227
11 - 15	-	-	0.4	2.7	2.1	1.2	1.5	2.2	-	0.2	6.2	3.4	0.1	20.1	298
16 - 20	-	0.1	0.4	1.5	1.4	2.0	0.3	0.3	-	-	13.0	3.0	-	21.9	324
21 - 24	-	-	0.4	0.6	0.3	0.7	0.1	-	-	-	8.2	1.6	-	12.0	178
25 - 33	-	-	0.5	0.3	0.2	1.1	-	0.1	-	-	2.6	0.5	-	5.5	81
34 - 47	-	-	0.5	-	-	0.1	-	-	-	-	-	-	-	0.6	9
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	1.2	3.6	7.2	7.4	12.1	7.8	7.5	1.6	1.3	34.0	13.5	2.6	100.0	
TOTAL N	5	18	53	106	109	179	115	111	23	19	503	199	39	1479	

(* < 0.05%)

STATION: AUGA2

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	-	-	0.1	-	-	0.1	0.1	-	0.1	0.1	-	1.1	16
1 - 3	-	0.5	0.8	0.8	0.2	1.3	0.8	0.9	0.8	0.9	1.2	1.2	0.8	10.3	147
4 - 6	-	1.1	0.8	0.8	0.6	1.0	1.0	1.4	0.5	0.4	0.6	1.5	1.2	11.0	158
7 - 10	-	1.0	0.9	0.9	2.4	1.5	0.8	1.3	0.6	0.3	3.9	3.2	1.0	17.8	255
11 - 15	-	0.2	1.6	2.7	1.5	2.4	0.9	0.5	-	0.3	9.5	3.5	0.3	23.4	335
16 - 20	-	-	1.1	3.7	1.4	1.5	0.6	0.1	-	0.1	9.6	2.4	-	20.4	293
21 - 24	-	0.1	1.1	2.3	0.2	0.8	0.3	-	-	0.1	3.9	0.6	-	9.4	135
25 - 33	-	0.1	1.5	1.1	0.2	1.0	0.1	-	-	-	1.6	0.3	-	6.0	86
34 - 47	-	-	0.6	-	-	-	-	-	-	-	-	-	-	0.6	9
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.6	3.1	8.6	12.4	6.5	9.7	4.4	4.3	2.0	2.1	30.4	12.7	3.3	100.0	
TOTAL N	8	45	123	178	93	139	63	61	28	30	436	182	48	1434	

(* < 0.05%)

STATION: AUGA2

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

Month: OCT

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	0.3	0.1	0.1	-	-	0.1	-	0.1	0.1	0.1	0.1	0.1	0.1	1.0	20
1 - 3		0.3	0.3	0.3	0.5	0.4	0.2	0.6	1.0	0.7	1.4	1.5	0.7	7.8	152
4 - 6		0.3	0.2	0.3	0.3	0.2	0.2	0.4	0.8	0.7	2.5	2.9	0.8	9.4	184
7 - 10		0.3	0.1	0.6	0.5	0.1	0.4	0.2	0.3	0.5	4.2	4.8	0.9	12.7	248
11 - 15		0.3	1.0	0.9	0.6	0.6	0.2	0.1	0.2	0.4	4.9	5.1	0.4	14.4	282
16 - 20		0.3	2.1	2.9	0.5	0.9	0.3	0.1	0.1	0.1	5.6	3.8	0.1	16.7	327
21 - 24		0.1	2.7	3.0	0.6	0.2	0.5	-	-	0.1	3.8	2.0	0.1	13.0	254
25 - 33		-	6.1	4.1	0.4	0.6	0.3	-	-	0.1	4.9	0.8	-	17.1	335
34 - 47		-	4.8	1.6	0.2	0.1	-	-	-	-	0.7	-	-	7.4	144
> 48		-	0.5	-	-	-	-	-	-	-	-	-	-	0.5	9
TOTAL %	0.3	1.6	17.9	13.7	3.4	3.1	2.0	1.4	2.4	2.4	28.0	20.9	3.0	100.0	
TOTAL N	5	32	349	267	67	61	39	27	46	47	548	408	59		1955

(* < 0.05%)

STATION: AUGA2

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

Month: NOV

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	*	-	-	-	-	-	0.1	*	0.1	*	*	*	0.8	17
1 - 3		0.2	0.3	0.1	0.1	0.2	0.5	0.7	1.5	0.9	0.8	1.7	0.9	8.0	171
4 - 6		0.1	0.6	0.5	0.2	0.2	0.5	0.5	0.5	0.8	2.3	3.0	0.8	9.9	211
7 - 10		0.3	1.3	0.9	0.4	0.4	0.3	0.3	0.4	0.2	2.2	5.4	0.5	12.6	268
11 - 15		0.2	2.3	1.7	0.3	0.3	0.8	0.4	*	0.1	2.0	4.4	0.4	12.8	274
16 - 20		0.1	3.1	3.3	0.6	1.2	1.1	0.2	-	*	1.6	2.1	*	13.5	287
21 - 24		-	2.3	4.6	0.6	0.9	0.3	*	-	-	1.5	0.9	-	11.2	238
25 - 33		-	6.1	8.3	0.9	1.3	0.2	-	-	-	0.9	0.6	-	18.4	392
34 - 47		-	7.0	3.1	0.1	0.5	-	-	-	-	0.5	*	-	11.4	243
> 48		-	1.4	*	-	-	-	-	-	-	*	-	-	1.5	32
TOTAL %	0.4	1.0	24.3	22.6	3.3	5.0	3.8	2.2	2.4	2.2	12.0	18.2	2.7	100.0	
TOTAL N	8	21	519	483	71	107	80	47	51	46	255	388	57		2133

(* < 0.05%)

STATION: AUGA2

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

Month: DEC

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.5	*	-	0.1	-	-	*	0.1	0.2	-	*	-	-	1.0	22
1 - 3		0.3	0.5	0.2	0.5	0.1	0.3	0.4	0.3	0.4	0.9	1.0	0.4	5.2	114
4 - 6		0.3	0.2	0.3	0.1	0.4	0.5	0.4	0.4	0.5	1.0	2.1	0.3	6.6	144
7 - 10		0.1	0.6	0.6	0.3	0.3	0.5	0.5	0.1	0.1	1.7	3.6	1.0	9.4	206
11 - 15		0.2	1.5	1.7	0.1	0.5	0.9	0.5	-	-	2.2	5.7	0.2	13.6	298
16 - 20		0.3	2.2	3.2	0.5	1.0	1.3	0.2	-	0.1	1.7	3.2	0.1	13.7	301
21 - 24		0.1	2.3	3.0	0.5	0.8	0.6	0.1	*	*	2.4	1.7	-	11.6	254
25 - 33		-	4.6	8.4	0.7	2.1	0.8	0.1	-	*	5.2	1.9	-	23.7	521
34 - 47		-	7.1	4.8	0.1	0.4	0.1	-	-	-	1.0	0.1	-	13.7	300
> 48		-	1.4	0.1	-	-	-	-	-	-	*	-	-	1.5	34
TOTAL %	0.5	1.3	20.5	22.4	2.8	5.5	5.1	2.3	1.0	1.2	16.2	19.3	2.0	100.0	
TOTAL N	11	29	450	491	61	121	111	50	23	26	355	423	43		2194

(* < 0.05%)

STATION: AUGA2

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

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.5	0.1	*	*	*	*	*	*	0.1	0.1	0.1	0.1	0.1	1.1	203
1 - 3		0.7	0.8	0.7	0.7	0.8	0.8	0.9	0.9	0.8	0.9	1.3	0.9	10.2	1928
4 - 6		0.6	0.6	0.5	0.7	1.5	1.1	1.2	0.7	0.5	1.2	2.4	1.0	12.1	2302
7 - 10		0.4	0.6	0.9	0.8	1.4	1.6	1.8	0.5	0.3	2.7	3.8	0.8	15.7	2975
11 - 15		0.2	1.2	1.8	1.0	1.6	1.5	1.3	0.2	0.2	4.1	3.9	0.4	17.2	3258
16 - 20		0.1	1.4	2.6	0.9	1.7	0.8	0.3	*	0.1	4.7	2.3	0.1	14.8	2816
21 - 24		*	1.3	2.7	0.6	1.0	0.3	*	*	*	2.8	0.9	*	9.7	1845
25 - 33		*	3.0	4.6	0.5	1.2	0.3	*	-	*	2.2	0.6	-	12.4	2350
34 - 47		-	3.3	1.7	0.1	0.4	*	-	-	*	0.6	0.1	-	6.2	1175
> 48		-	0.5	*	-	-	-	-	-	-	0.1	-	-	0.6	112
TOTAL %	0.5	2.1	12.7	15.5	5.4	9.6	6.4	5.5	2.4	2.0	19.4	15.2	3.2	100.0	
TOTAL N	97	401	2405	2940	1028	1829	1207	1045	454	385	3679	2880	614		18964

(* < 0.05%)

STATION: AUGA2

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	1.0	0.1	-	*	0.1	*	0.1	*	0.2	0.1	0.1	0.1	0.1	1.8	87
1 - 3		0.6	0.6	0.4	0.5	0.4	0.6	0.7	0.7	0.8	1.1	1.5	0.9	8.9	420
4 - 6		0.4	0.6	0.3	0.3	0.3	0.4	0.6	0.6	0.6	1.1	2.8	0.7	8.7	412
7 - 10		0.4	1.2	1.1	0.3	0.3	0.4	0.4	0.3	0.1	1.6	3.6	0.9	10.6	501
11 - 15		0.2	1.4	2.3	0.3	0.6	0.9	0.4	0.1	0.1	1.8	4.1	0.4	12.6	596
16 - 20		0.2	1.8	3.1	0.7	1.4	1.1	0.3	0.1	0.1	1.7	2.3	0.1	12.8	607
21 - 24		0.1	1.6	3.3	0.8	1.4	0.7	0.1	*	*	2.0	1.2	-	11.1	525
25 - 33		-	3.7	8.3	0.8	2.2	0.7	*	-	*	3.6	1.1	-	20.5	971
34 - 47		-	5.2	3.9	0.1	0.9	0.1	-	-	*	1.3	0.1	-	11.7	552
> 48		-	1.0	0.1	-	-	-	-	-	-	0.1	-	-	1.2	57
TOTAL %	1.0	1.9	17.0	22.7	4.0	7.5	5.0	2.6	2.0	1.9	14.4	16.9	3.1	100.0	
TOTAL N	47	89	802	1073	190	355	238	125	94	89	682	798	146		4728

(* < 0.05%)

STATION: AUGA2

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

Months: MAR, APR, MAY (Spring)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.3	*	-	-	*	*	-	*	*	*	*	0.1	0.6	26	
1 - 3		0.9	0.9	0.8	0.9	0.8	0.7	0.7	0.8	0.6	0.9	0.8	9.6	418	
4 - 6		1.3	0.8	0.6	1.1	1.5	1.2	1.5	0.9	0.6	1.2	2.5	1.2	14.3	620
7 - 10		0.6	0.4	1.0	1.0	1.3	2.3	1.6	0.7	0.6	3.3	4.5	1.2	18.4	801
11 - 15		0.2	1.1	1.8	1.4	1.6	1.7	0.6	0.2	0.3	4.6	3.8	0.6	18.0	782
16 - 20		*	0.9	2.9	1.2	1.6	0.6	0.1	*	0.1	4.6	1.7	*	13.8	599
21 - 24		*	1.1	3.5	0.7	0.7	0.1	*	-	0.1	2.8	0.3	-	9.5	412
25 - 33		-	2.7	4.6	0.6	0.9	*	-	-	-	1.4	0.2	-	10.5	456
34 - 47		-	2.6	1.1	0.2	0.3	-	-	-	-	0.8	0.1	-	5.0	218
> 48		-	0.1	*	-	-	-	-	-	-	0.2	-	-	0.3	14
TOTAL %	0.3	3.0	10.6	16.4	7.2	8.7	6.6	4.6	2.6	2.5	19.7	14.0	3.8	100.0	
TOTAL N	13	131	461	712	313	379	286	201	112	107	856	610	165		4346

(* < 0.05%)

STATION: AUGA2

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	*	0.1	*	*	-	0.1	-	*	*	*	-	0.1	0.8	37
1 - 3		1.0	1.4	1.3	1.3	1.7	1.4	1.3	1.0	0.6	0.6	1.3	1.3	14.2	620
4 - 6		0.5	0.5	0.7	1.2	4.1	2.6	2.2	0.8	0.3	0.6	1.7	1.1	16.4	717
7 - 10		0.3	0.2	0.6	1.1	3.9	3.5	5.1	0.8	0.3	2.3	2.1	0.5	20.7	902
11 - 15		-	0.4	1.4	1.8	3.3	2.9	4.1	0.3	0.2	5.2	3.0	0.2	22.6	989
16 - 20		*	0.4	0.8	0.8	3.0	0.8	0.6	-	*	7.5	2.1	*	16.1	703
21 - 24		-	0.2	0.3	0.3	1.3	0.1	-	-	-	3.5	0.8	-	6.4	281
25 - 33		-	0.2	0.1	0.2	0.8	-	*	-	-	0.9	0.2	-	2.5	110
34 - 47		-	0.2	-	-	*	-	-	-	-	-	-	-	0.2	9
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.4	1.9	3.5	5.2	6.7	18.0	11.5	13.4	2.8	1.5	20.7	11.3	3.2	100.0	
TOTAL N	16	83	151	227	294	788	501	584	123	66	902	494	139		4368

(* < 0.05%)

STATION: AUGA2

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

Months: SEP, OCT, NOV (Autumn)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.4	0.1	*	-	*	*	-	0.1	0.1	0.1	0.1	0.1	*	1.0	53
1 - 3		0.3	0.4	0.3	0.3	0.5	0.5	0.7	1.1	0.8	1.1	1.5	0.8	8.5	470
4 - 6		0.4	0.5	0.5	0.3	0.4	0.5	0.7	0.6	0.7	1.9	2.6	0.9	10.0	553
7 - 10		0.5	0.7	0.8	0.9	0.6	0.5	0.5	0.4	0.3	3.4	4.6	0.8	14.0	771
11 - 15		0.3	1.7	1.7	0.7	1.0	0.6	0.3	0.1	0.2	4.9	4.4	0.4	16.1	891
16 - 20		0.1	2.2	3.3	0.8	1.2	0.7	0.1	*	0.1	5.1	2.8	0.1	16.4	907
21 - 24		0.1	2.1	3.5	0.5	0.7	0.4	*	-	*	3.0	1.2	*	11.4	627
25 - 33		*	4.9	4.9	0.6	1.0	0.2	-	-	*	2.5	0.6	-	14.7	813
34 - 47		-	4.6	1.8	0.1	0.2	-	-	-	-	0.4	*	-	7.2	396
> 48		-	0.7	*	-	-	-	-	-	-	*	-	-	0.7	41
TOTAL %	0.4	1.8	17.9	16.8	4.2	5.6	3.3	2.4	2.3	2.2	22.4	17.7	3.0	100.0	
TOTAL N	21	98	991	928	231	307	182	135	125	123	1239	978	164		5522

(* < 0.05%)

