

STATION: 91328

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

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (3/1992 - 8/1998) (49958 RECORDS, 93.0% HAVE ELEMENT)

Table with columns for months (JAN-DEC) and ANN, each with F and CPF sub-columns. Rows include data for years 32-22, MEAN, S.D., TOTAL, MAX, and DATE. Includes a footnote: (* < 0.05% , # = 100.0%)

STATION: 91328

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS) -- POR: (3/1992 - 8/1998) (49755 RECORDS, 92.6% HAVE ELEMENT)

Table with columns for months (JAN-DEC) and ANN, each with F and CPF sub-columns. Rows include data for years 1018-991, MEAN, S.D., TOTAL, MAX, and DATE. Includes a footnote: (* < 0.05% , # = 100.0%)

STATION: 91328

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

36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	996	-	-	-	-	1	999							
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	996	-	-	-	-	1	999							
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	995	-	-	-	-	1	999								
33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	995	3	999	1	#	6	999								
32	-	-	-	-	-	2	999	-	-	-	-	1	#	-	-	-	-	-	-	-	-	-	1	995	1	999	-	-	5	999								
31	-	-	-	-	-	1	999	-	-	-	-	-	-	-	3	#	5	994	2	999	1	999	12	999	2	999	1	999	12	999								
30	-	-	-	-	-	-	-	-	-	-	2	999	1	#	2	999	5	993	6	998	1	999	17	999	6	998	1	999	17	999								
29	-	-	-	-	2	#	1	999	-	-	-	-	-	-	-	1	998	9	992	8	996	-	-	21	999	8	996	-	-	21	999							
28	-	-	2	#	-	-	1	999	-	-	-	-	-	-	-	1	997	6	989	6	994	-	-	17	998	6	994	-	-	17	998							
27	2	#	2	999	6	999	2	999	-	-	-	-	-	-	1	999	1	997	6	987	13	992	1	999	34	998	13	992	1	999	34	998						
26	9	999	8	999	4	998	1	998	1	#	-	-	1	999	4	999	3	997	12	986	9	989	7	999	59	997	12	986	9	989	59	997						
25	8	996	4	996	3	997	5	998	1	999	-	-	3	999	2	998	2	995	13	983	10	986	8	997	59	995	13	983	10	986	8	997	59	995				
24	12	993	4	995	4	996	7	997	-	-	4	#	3	998	2	997	2	994	15	979	15	983	10	995	78	994	15	979	15	983	10	995	78	994				
23	16	989	7	994	24	995	7	995	3	999	-	-	-	-	5	996	5	994	12	975	13	979	19	992	111	992	12	975	13	979	19	992	111	992				
22	30	983	18	991	33	989	12	993	1	999	2	999	6	997	5	994	5	992	31	972	12	975	23	987	178	989	31	972	12	975	23	987	178	989				
21	60	973	51	986	63	981	32	990	5	999	8	998	6	995	8	992	9	989	26	963	14	972	63	981	345	985	26	963	14	972	63	981	345	985				
20	80	951	70	970	93	965	32	983	11	997	9	996	9	994	12	988	9	986	30	956	11	968	77	964	443	977	30	956	11	968	77	964	443	977				
19	185	923	112	947	181	942	80	975	24	995	20	994	15	991	14	983	16	982	43	948	30	965	152	943	872	966	43	948	30	965	152	943	872	966				
18	192	857	149	912	249	896	127	956	58	989	37	988	27	987	24	978	11	975	41	936	34	956	155	902	1104	944	41	936	34	956	155	902	1104	944				
17	223	789	178	864	261	833	164	926	77	974	64	978	17	980	17	968	20	970	61	925	49	947	206	860	1337	918	61	925	49	947	206	860	1337	918				
16	267	709	256	808	395	768	301	886	135	955	95	960	61	975	35	961	21	962	74	908	60	933	281	804	1981	885	74	908	60	933	281	804	1981	885				
15	285	614	303	726	409	668	375	815	222	922	172	933	62	958	40	946	47	953	99	888	87	916	295	728	2396	837	99	888	87	916	295	728	2396	837				
14	237	513	320	630	386	565	361	725	258	867	179	884	75	941	44	929	44	933	97	861	109	891	295	648	2405	778	97	861	109	891	295	648	2405	778				
13	243	428	331	529	391	468	385	639	320	803	247	834	151	921	66	911	67	914	124	835	132	860	327	568	2784	720	124	835	132	860	327	568	2784	720				
12	247	342	368	423	428	370	506	547	444	724	389	765	213	880	80	884	130	886	174	801	223	822	358	480	3560	652	174	801	223	822	358	480	3560	652				
11	137	254	251	307	245	262	360	426	396	614	321	655	223	821	143	850	110	831	175	754	252	759	249	383	2862	565	175	754	252	759	249	383	2862	565				
10	147	205	218	227	226	200	313	340	422	516	348	565	320	760	163	791	163	785	223	706	303	687	274	315	3120	495	223	706	303	687	274	315	3120	495				
9	122	153	139	158	167	143	282	265	420	411	358	467	337	673	173	723	170	715	284	645	304	601	202	241	2958	419	284	645	304	601	202	241	2958	419				
8	83	109	121	113	106	101	223	197	348	307	328	367	309	581	234	651	174	644	343	568	316	515	176	187	2761	347	343	568	316	515	176	187	2761	347				
7	64	80	73	75	79	75	205	144	285	221	286	275	329	496	247	554	175	570	267	475	283	425	140	139	2433	280	267	475	283	425	140	139	2433	280				
6	50	57	61	52	69	55	126	95	217	150	225	194	389	406	248	452	214	496	314	402	326	344	124	101	2363	220	314	402	326	344	124	101	2363	220				
5	46	39	49	32	61	37	122	65	194	97	196	131	385	300	297	349	289	405	422	316	328	252	106	67	2495	163	422	316	328	252	106	67	2495	163				
4	24	23	20	17	32	22	65	36	87	49	89	76	246	195	199	225	208	283	288	202	212	158	62	39	1532	102	288	202	212	158	62	39	1532	102				
3	12	14	17	10	30	14	33	20	66	27	97	51	219	127	186	143	171	195	222	123	164	98	47	22	1264	65	222	123	164	98	47	22	1264	65				
2	19	10	4	5	12	6	33	12	29	11	48	24	144	68	90	65	171	122	135	63	129	51	23	9	837	34	135	63	129	51	23	9	837	34				
1	7	3	6	4	7	3	13	5	8	3	28	10	67	28	38	28	74	50	61	26	36	15	7	3	352	13	61	26	36	15	7	3	352	13				
0	2	1	6	2	6	2	6	1	6	1	6	2	36	10	29	12	44	19	34	9	16	5	4	1	197	5	34	9	16	5	4	1	197	5				
MEAN		14.0	13.2	13.6	11.9	10.3	9.8	7.9	7.6	7.3	8.8	8.9	12.6	10.6																								
S.D.		4.3	4.0	4.1	4.1	3.6	3.8	4.0	4.2	4.6	5.8	5.0	4.5	4.9																								
TOTAL		2809	3148	3972	4184	4038	3558	3657	2407	2362	3672	3517	3694	41018																								
MAX		27.2	28.2	29.2	37.1	25.9	24.3	32.1	30.3	31.3	50.2	36.7	32.7	50.2																								
DATE	1996011716	1997021613	1997030902	1997041504	1994051213	1995061203	1994072511	1993080314	1993092305	1992103015	1994110119	1993122106	1992103015																									
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	0.0																								
DATE	1995011013	1997022716	1997032719	1997042019	1996050815	1996062512	1996072714	1996082820	1996093019	1996102818	1996112810	1996122416	1997042019																									

ELEMENT SUMMARY FOR STATION: 91328
(A) TOTAL STDMET RECORDS READ = 53707
(B) TOTAL CWIND RECORDS READ = 0
(C) TOTAL RECORDS USED IN STATS = 53707

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	49958	0	0	0	49755	49901	41018	0	0	0	0	0
(E) ELEMENT OUT OF RANGE	3749	53707	53707	53707	3952	3806	12689	0	53707	53707	53707	53707

STATION: 91328 -- POR (3/1992 - 8/1998)
2 - MEANS & EXTREMES BASED ON HOURLY (GMT) OBSERVATIONS -- MONTHLY & ANNUAL BY YEAR

ELEMENT: AIR TEMPERATURE (DEGREES C)														
YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1992	MEAN	-	-	27.0	27.3	27.8	27.9	27.5	27.6	27.9	27.6	27.6	27.4	27.6
	MAXIMUM	-	-	28.7	29.3	30.1	30.0	29.8	30.1	30.1	29.8	29.5	29.6	30.1
	DAY-HR	-	-	21-03	30-04	28-03	16-03	24-01	09-06	29-05	27-04	14-02	14-03	SEP
	MINIMUM	-	-	24.7	24.2	23.9	23.9	23.3	24.3	24.2	24.1	24.0	24.0	23.3
	DAY-HR	-	-	17-19	16-16	11-19	02-22	31-07	02-04	19-20	04-08	03-11	12-18	JUL
# OBS	-	-	4											

	MINIMUM	24.0	24.3	24.2	23.5	24.5	24.3	23.8	24.8	23.2	23.4	24.3	24.0	23.2
	DAY-HR	12-20	09-14	27-05	01-18	16-14	14-06	03-22	27-09	10-20	04-03	01-07	15-09	SEP
	# OBS	736	520	675	714	740	717	673	232	209	730	711	741	7398
1995	MEAN	27.5	27.1	27.5	27.8	28.2	28.0	27.8	28.2	28.1	28.1	28.3	28.2	27.9
	MAXIMUM	29.6	29.8	29.5	30.2	30.4	30.2	30.4	31.0	31.0	30.9	30.7	30.8	31.0
	DAY-HR	21-03	04-04	31-03	26-03	21-02	29-06	26-05	10-02	26-05	10-01	28-03	09-03	SEP
	MINIMUM	23.8	24.2	24.0	23.0	24.4	24.5	22.8	24.1	24.2	23.7	24.6	24.2	22.8
	DAY-HR	08-13	13-14	13-17	14-00	28-18	28-11	14-16	17-04	10-04	05-03	26-05	30-19	JUL
	# OBS	720	668	741	712	742	710	733	738	710	738	712	741	8665
1996	MEAN	27.8	27.7	27.4	27.7	27.9	28.1	28.2	28.1	28.2	28.2	28.0	28.1	27.9
	MAXIMUM	30.4	29.9	29.9	30.0	30.3	30.3	30.6	30.6	30.9	31.1	30.9	30.7	31.1
	DAY-HR	02-02	17-03	26-03	28-05	11-04	17-05	23-04	27-01	28-01	02-02	01-02	03-02	OCT
	MINIMUM	23.6	23.5	24.2	23.4	23.2	24.7	22.1	23.3	23.5	23.5	22.7	23.5	22.1
	DAY-HR	07-02	04-17	31-15	04-13	08-21	25-18	29-23	02-06	07-18	30-20	07-14	25-21	JUL
	# OBS	704	687	741	739	738	714	837	788	718	733	694	734	8827
1997	MEAN	27.9	27.7	27.3	27.7	28.3	27.8	27.6	27.4	27.5	27.8	27.9	27.8	27.7
	MAXIMUM	30.9	30.1	30.0	30.4	30.5	30.4	30.1	29.9	29.6	30.1	29.9	29.9	30.9
	DAY-HR	02-01	01-03	27-01	29-02	01-04	01-04	24-03	15-01	07-04	12-03	25-01	02-04	JAN
	MINIMUM	24.5	23.8	23.9	24.1	24.3	23.7	24.5	24.3	23.7	24.0	24.8	24.0	23.7
	DAY-HR	16-09	11-14	21-16	15-04	23-08	19-06	05-05	23-03	19-14	12-17	14-17	14-22	SEP
	# OBS	582	654	735	706	521	445	539	543	529	553	519	538	6864
1998	MEAN	27.2	27.2	27.3	28.0	28.3	28.2	28.3	27.9	-	-	-	-	27.8
	MAXIMUM	29.4	29.1	29.6	30.4	30.1	30.9	30.4	30.6	-	-	-	-	30.9
	DAY-HR	04-02	28-03	27-02	29-02	28-05	03-03	30-01	23-04	-	-	-	-	JUN
	MINIMUM	24.3	24.0	23.7	24.3	25.3	24.0	24.3	23.2	-	-	-	-	23.2
	DAY-HR	05-17	10-20	02-04	03-17	01-17	14-02	14-21	27-01	-	-	-	-	AUG
	# OBS	534	478	512	444	453	436	501	542	-	-	-	-	3900
POR	MEAN	27.4	27.3	27.3	27.6	28.0	28.0	27.8	27.8	27.8	27.8	27.9	27.8	27.7
	MAXIMUM	30.9	30.1	30.0	30.4	30.5	30.9	30.6	31.0	31.0	31.1	30.9	30.8	31.1
	YEAR	1997	1997	1997	1998	1997	1998	1996	1995	1995	1996	1996	1995	OCT/1996
	MINIMUM	23.6	23.5	23.7	23.0	23.2	23.7	22.1	23.2	22.4	23.4	22.7	23.3	22.1
	YEAR	1996	1996	1998	1995	1996	1997	1996	1998	1993	1994	1996	1993	JUL/1996
	# OBS	4012	3634	4493	4633	4667	4450	4726	3731	3110	4230	4037	4235	49958

STATION: 91328 -- POR (3/1992 - 8/1998)

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS)

YEAR	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1992	MEAN	-	-	1011.9	1010.3	1009.4	1008.6	1009.4	1008.8	1008.3	1007.1	1008.2	1009.3	1009.1
	MAXIMUM	-	-	1015.9	1013.7	1012.2	1014.0	1014.1	1012.2	1012.6	1011.0	1014.4	1012.7	1015.9
	DAY-HR	-	-	18-23	23-23	20-22	30-23	01-00	04-12	18-23	25-00	27-23	31-23	MAR
	MINIMUM	-	-	1008.4	1006.6	1006.3	1005.8	1005.4	1005.2	1003.7	996.7	1001.6	1005.5	996.7
	DAY-HR	-	-	31-06	04-06	07-05	23-06	31-16	02-06	24-05	30-16	01-04	23-05	OCT
	# OBS	-	-	401	704	733	715	711	233	293	732	706	740	5968
1993	MEAN	1009.6	1010.1	1009.6	1009.4	1009.6	1009.6	1008.7	1009.7	1009.6	1009.0	1008.3	1008.3	1009.3
	MAXIMUM	1013.1	1014.1	1013.9	1014.2	1012.3	1012.8	1011.9	1013.5	1013.9	1014.2	1012.4	1012.1	1014.2
	DAY-HR	03-00	03-00	23-00	12-23	25-23	27-12	21-12	31-23	01-13	07-23	02-00	28-23	OCT
	MINIMUM	1005.6	1006.0	1005.5	1004.7	1006.3	1006.1	1005.2	1002.5	1004.7	1003.7	1004.5	999.0	999.0
	DAY-HR	22-06	15-06	14-17	21-05	16-06	05-06	29-06	02-05	22-18	22-05	13-05	03-18	DEC
	# OBS	737	627	688	611	736	710	728	649	650	741	699	742	8318
1994	MEAN	1009.3	1009.5	1010.6	1010.1	1010.1	1009.9	1009.4	1007.4	1008.5	1010.5	1009.9	1010.0	1009.9
	MAXIMUM	1013.5	1013.6	1013.7	1014.0	1013.7	1013.3	1013.1	1010.5	1012.8	1015.8	1014.3	1015.2	1015.8
	DAY-HR	31-23	01-00	09-23	04-23	12-13	11-00	14-00	25-22	26-22	29-23	04-00	27-23	OCT
	MINIMUM	1005.2	1005.8	1006.4	1005.5	1004.4	1006.3	1005.9	991.9	1003.6	1003.7	1003.9	1005.5	991.9
	DAY-HR	20-05	25-18	20-05	21-06	10-06	30-05	24-17	01-06	15-05	24-05	01-16	14-18	AUG
	# OBS	736	518	676	714	739	716	668	75	209	729	711	741	7232
1995	MEAN	1011.2	1011.6	1011.1	1010.4	1010.9	1011.3	1010.6	1010.6	1011.4	1010.2	1010.4	1011.2	1010.9
	MAXIMUM	1015.4	1014.9	1015.7	1013.7	1014.4	1014.3	1014.0	1014.7	1014.6	1014.9	1015.0	1015.1	1015.7
	DAY-HR	07-00	06-00	18-00	14-00	18-23	29-12	19-00	11-00	11-12	12-00	09-23	31-00	MAR
	MINIMUM	1007.8	1008.0	1006.3	1007.0	1006.8	1008.1	1007.3	1006.9	1008.3	1006.4	1006.1	1006.5	1006.1
	DAY-HR	13-05	28-18	04-06	06-06	04-07	02-06	05-06	22-06	09-06	31-05	14-05	04-05	NOV
	# OBS	720	668	741	711	742	710	733	738	707	738	712	741	8661
1996	MEAN	1009.6	1010.1	1010.9	1011.2	1012.3	1011.9	1010.9	1012.0	1009.7	1009.9	1007.7	1007.4	1010.3
	MAXIMUM	1014.7	1013.6	1017.2	1016.1	1015.8	1016.7	1014.3	1015.5	1015.2	1014.6	1016.4	1012.2	1017.2
	DAY-HR	01-00	07-23	12-00	13-23	26-00	25-23	02-00	03-12	14-23	01-13	13-23	01-23	MAR
	MINIMUM	1005.8	1006.0	1006.7	1006.8	1008.9	1008.2	1006.9	1007.4	1005.1	1005.3	996.1	1002.8	996.1
	DAY-HR	12-18	02-05	27-06	02-16	04-06	11-06	06-06	18-05	10-05	31-18	06-06	24-05	NOV
	# OBS	704	687	741	739	738	714	837	788	718	732	694	734	8826

1997	MEAN	1008.6	1009.0	1010.0	1010.2	1009.9	1010.0	1008.4	1009.1	1009.9	1010.4	1011.0	1009.6	1009.7
	MAXIMUM	1013.1	1012.8	1014.9	1015.2	1013.2	1015.1	1011.4	1013.3	1014.1	1013.5	1015.1	1012.4	1015.2
	DAY-HR	05-22	11-14	25-23	18-12	07-00	03-00	25-22	30-01	29-00	04-12	09-23	22-00	APR
	MINIMUM	1005.7	1005.1	1004.3	999.0	1006.5	1004.5	1005.1	1005.5	1004.3	1005.7	1003.4	1005.1	999.0
	DAY-HR	27-05	23-06	09-03	15-05	23-05	16-06	20-05	17-03	11-04	31-17	01-06	15-05	APR
	# OBS	579	654	735	706	521	441	538	545	528	553	516	536	6852
1998	MEAN	1011.5	1012.8	1012.0	1011.5	1010.1	1009.6	1009.7	1009.6	-	-	-	-	1010.8
	MAXIMUM	1016.1	1015.7	1014.9	1015.1	1013.7	1013.9	1013.1	1013.1	-	-	-	-	1016.1
	DAY-HR	30-21	13-00	29-13	04-23	28-12	14-00	04-00	23-21	-	-	-	-	JAN
	MINIMUM	1007.9	1009.8	1009.0	1008.8	1005.9	1007.1	1006.5	1006.3	-	-	-	-	1005.9
	DAY-HR	10-04	28-06	08-05	22-06	15-05	23-06	23-06	21-05	-	-	-	-	MAY
	# OBS	534	477	515	442	457	434	499	540	-	-	-	-	3898
POR	MEAN	1009.9	1010.4	1010.8	1010.4	1010.4	1010.2	1009.7	1010.2	1009.9	1009.5	1009.2	1009.3	1010.0
	MAXIMUM	1016.1	1015.7	1017.2	1016.1	1015.8	1016.7	1014.3	1015.5	1015.2	1015.8	1016.4	1015.2	1017.2
	YEAR	1998	1998	1996	1996	1996	1996	1996	1996	1996	1994	1996	1994	MAR/1996
	MINIMUM	1005.2	1005.1	1004.3	999.0	1004.4	1004.5	1005.1	991.9	1003.6	996.7	996.1	999.0	991.9
	YEAR	1994	1997	1997	1997	1994	1994	1997	1994	1994	1992	1996	1993	AUG/1994
	# OBS	4010	3631	4497	4627	4666	4440	4714	3568	3105	4225	4038	4234	49755

STATION: 91328 -- POR (3/1992 - 8/1998)

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
1992	MEAN	-	-	13.1	10.0	7.9	7.8	5.5	5.1	5.3	8.0	7.8	11.6	8.4
	MAXIMUM	-	-	19.6	16.1	18.3	16.1	22.6	17.7	14.0	39.3	24.5	20.4	39.3
	DAY-HR	-	-	18-14	27-06	10-00	16-19	25-08	02-03	24-06	30-15	21-21	19-10	OCT
	MINIMUM	-	-	6.0	2.7	0.2	0.0	0.0	0.0	0.0	0.2	0.0	2.1	0.0
	DAY-HR	-	-	28-19	17-15	30-17	30-20	31-17	07-21	28-16	07-04	26-14	12-18	NOV
	# OBS	-	-	401	709	737	717	721	237	294	736	712	741	6005
1993	MEAN	11.7	10.4	9.8	9.5	7.6	6.9	5.9	6.7	6.1	7.4	5.9	10.0	8.1
	MAXIMUM	22.2	21.2	19.1	19.1	16.1	18.7	22.9	24.7	25.1	28.0	19.2	22.6	28.0
	DAY-HR	27-17	28-19	01-02	21-14	03-13	19-05	18-20	19-23	22-22	23-01	30-14	21-06	OCT
	MINIMUM	0.2	2.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
	DAY-HR	29-20	23-13	17-15	23-14	22-10	22-17	20-11	10-13	26-11	31-10	04-11	11-13	NOV
	# OBS	737	627	688	613	739	710	730	655	650	740	700	743	8332
1994	MEAN	8.8	9.3	9.7	7.2	7.6	6.1	6.0	3.2	9.4	9.3	6.2	9.5	7.8
	MAXIMUM	17.5	21.0	17.5	15.2	22.9	15.9	28.6	11.7	33.0	23.9	31.1	21.6	33.0
	DAY-HR	28-13	04-21	27-14	16-01	12-13	10-02	25-11	28-20	13-10	22-02	01-19	15-09	SEP
	MINIMUM	1.4	2.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	07-10	25-07	31-02	06-17	30-11	30-08	30-14	29-22	05-22	09-14	23-16	10-17	DEC
	# OBS	736	519	675	715	741	719	673	230	167	733	712	741	7361
1995	MEAN	9.6	8.3	10.1	10.2	7.0	7.1	5.7	4.8	5.2	4.9	6.0	8.0	7.2
	MAXIMUM	21.6	16.3	17.1	18.1	15.6	16.1	22.2	17.3	19.6	22.0	15.7	18.1	22.2
	DAY-HR	14-23	11-15	18-11	11-03	27-02	12-03	23-10	02-07	09-21	11-22	22-13	24-15	JUL
	MINIMUM	0.0	1.2	2.5	3.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
	DAY-HR	10-13	06-11	13-13	14-00	28-10	24-03	25-10	28-14	30-19	23-17	04-18	30-21	NOV
	# OBS	720	668	740	712	742	710	733	739	711	738	706	741	8660
1996	MEAN	10.0	9.9	9.1	7.1	6.4	6.4	5.4	5.3	5.4	4.4	7.1	6.1	6.8
	MAXIMUM	20.2	18.7	18.9	16.5	14.0	16.5	17.5	18.1	19.6	22.6	28.0	17.3	28.0
	DAY-HR	17-03	26-10	19-17	17-04	28-17	10-23	29-17	02-05	09-15	30-19	06-13	01-11	NOV
	MINIMUM	0.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	19-17	04-21	12-01	11-15	08-15	25-12	27-14	28-20	30-19	28-18	28-10	24-16	DEC
	# OBS	704	687	741	739	738	714	837	788	717	733	694	734	8826
1997	MEAN	5.6	9.1	8.9	7.9	7.0	5.0	5.7	9.7	10.0	4.5	6.3	8.0	7.4
	MAXIMUM	17.5	22.4	24.3	30.7	17.5	19.4	25.3	25.3	27.2	17.5	15.6	19.4	30.7
	DAY-HR	17-03	16-07	10-20	15-04	28-22	10-15	31-06	09-22	15-04	31-18	01-04	14-20	APR
	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	30-23	27-16	27-19	20-19	31-13	29-09	28-06	31-22	07-14	29-08	08-12	15-00	DEC
	# OBS	575	654	735	706	520	437	538	542	528	550	516	536	6837
1998	MEAN	9.3	9.2	8.7	8.8	7.8	7.3	4.9	4.7	-	-	-	-	7.5
	MAXIMUM	15.6	15.6	15.6	15.6	15.6	13.6	11.7	21.4	-	-	-	-	21.4
	DAY-HR	20-12	28-16	21-07	02-05	17-05	28-05	06-02	27-06	-	-	-	-	AUG
	MINIMUM	1.9	3.9	1.9	1.9	0.0	0.0	0.0	0.0	-	-	-	-	0.0
	DAY-HR	25-17	26-04	20-14	28-04	22-01	13-13	31-20	31-22	-	-	-	-	AUG
	# OBS	531	477	511	439	453	432	497	540	-	-	-	-	3880
POR	MEAN	9.3	9.4	9.7	8.6	7.3	6.7	5.6	5.9	6.5	6.5	6.6	8.9	7.6
	MAXIMUM	22.2	22.4	24.3	30.7	22.9	19.4	28.6	25.3	33.0	39.3	31.1	22.6	39.3

YEAR	1993	1997	1997	1997	1994	1997	1994	1997	1994	1992	1994	1993	OCT/1992
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	1997	1997	1997	1997	1998	1998	1998	1998	1997	1997	1997	1997	AUG/1998
# OBS	4003	3632	4491	4633	4670	4439	4729	3731	3067	4230	4040	4236	49901

STATION: 91328 -- POR (3/1992 - 5/1997)

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
1992	MEAN	-	-	17.2	13.3	10.6	11.0	7.5	7.0	6.7	10.2	10.1	15.8	11.2
	MAXIMUM	-	-	25.1	21.0	24.5	24.1	25.1	20.2	15.2	50.2	28.8	29.7	50.2
	DAY-HR	-	-	18-14	25-03	10-00	16-19	25-08	02-03	24-05	30-15	21-21	24-09	OCT
	# OBS	-	-	399	704	730	713	710	230	291	733	706	738	5954
1993	MEAN	15.9	14.2	13.1	13.0	10.7	9.8	8.3	8.9	7.8	9.5	8.2	14.0	11.1
	MAXIMUM	26.8	27.0	23.5	25.1	20.8	24.3	26.4	30.3	31.3	33.8	25.3	32.7	33.8
	DAY-HR	24-23	28-19	01-02	24-02	03-13	28-20	31-20	03-14	23-05	22-05	30-16	21-06	OCT
	# OBS	737	624	687	610	734	705	725	651	648	740	700	740	8301
1994	MEAN	12.4	12.9	13.5	10.3	10.7	8.8	8.1	-	-	11.3	8.2	13.0	10.9
	MAXIMUM	24.1	25.7	22.7	20.6	25.9	21.2	32.1	-	-	29.4	36.7	30.7	36.7
	DAY-HR	26-21	04-21	25-01	23-02	12-13	10-02	25-11	-	-	24-13	01-19	15-09	NOV
	# OBS	736	516	670	714	740	716	652	-	-	729	712	741	6926
1995	MEAN	13.3	11.8	14.2	14.4	10.1	10.3	8.0	6.9	7.0	6.9	8.6	11.4	10.2
	MAXIMUM	25.5	22.7	22.7	25.1	19.6	24.3	24.7	25.5	21.6	26.4	24.7	25.9	26.4
	DAY-HR	14-23	03-09	18-11	11-03	27-02	12-03	23-10	24-04	09-21	23-02	17-08	24-15	OCT
	# OBS	718	668	740	711	742	710	733	738	707	738	705	741	8651
1996	MEAN	14.3	14.1	13.2	10.4	9.6	9.3	7.7	7.4	7.5	6.4	9.6	8.9	9.7
	MAXIMUM	27.2	27.2	27.4	24.1	19.4	22.4	21.8	25.5	21.6	26.8	33.0	20.4	33.0
	DAY-HR	17-16	26-05	20-18	17-04	28-15	06-02	29-20	02-05	04-13	30-19	06-13	19-06	NOV
	# OBS	618	686	741	739	738	714	837	788	716	732	694	734	8737
1997	MEAN	-	12.9	12.1	10.5	10.1	-	-	-	-	-	-	-	11.6
	MAXIMUM	-	28.2	29.2	37.1	17.9	-	-	-	-	-	-	-	37.1
	DAY-HR	-	16-13	09-02	15-04	07-01	-	-	-	-	-	-	-	APR
	# OBS	-	654	735	706	354	-	-	-	-	-	-	-	2449
POR	MEAN	14.0	13.2	13.6	11.9	10.3	9.8	7.9	7.6	7.3	8.8	8.9	12.6	10.6
	MAXIMUM	27.2	28.2	29.2	37.1	25.9	24.3	32.1	30.3	31.3	50.2	36.7	32.7	50.2
	YEAR	1996	1997	1997	1997	1994	1995	1994	1993	1993	1992	1994	1993	OCT/1992
	# OBS	2809	3148	3972	4184	4038	3558	3657	2407	2362	3672	3517	3694	41018

STATION: 91328

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	1.2	-	-	*	-	*	-	-	-	-	-	-	-	1.3	52
1 - 3	-	0.1	0.3	1.1	0.9	0.5	0.4	0.3	0.2	0.3	-	*	*	4.1	166
4 - 6	-	0.6	4.7	6.4	3.5	1.1	0.3	*	*	*	*	*	-	16.9	677
7 - 10	-	0.6	13.6	24.6	1.1	0.2	0.1	-	-	-	*	*	-	40.4	1618
11 - 15	-	0.8	10.4	22.8	0.1	-	0.1	-	-	0.1	*	*	-	34.3	1374
16 - 20	-	0.2	0.5	2.0	-	-	-	-	-	-	*	-	-	2.8	112
21 - 24	-	*	-	-	-	-	-	-	-	*	-	-	-	0.1	3
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	*	-	*	*	-	-	*	-	-	-	0.1	5
TOTAL %	1.2	2.4	29.4	56.9	5.7	2.0	1.0	0.3	0.2	0.5	0.1	0.1	0.0	100.0	
TOTAL N	50	96	1180	2279	227	79	41	14	9	19	6	6	1		4007

(* < 0.05%)

STATION: 91328

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

Month: FEB

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.1	-	*	0.1	-	-	-	-	*	-	-	-	-	0.2	9
1 - 3	-	0.1	0.4	0.7	0.6	0.3	0.1	-	*	0.1	-	*	0.1	2.3	85
4 - 6	-	0.3	4.3	6.1	1.8	0.7	0.2	*	-	-	*	0.2	0.2	13.9	503

7 - 10	0.2	17.5	31.3	0.9	0.2	0.1	-	-	-	*	0.1	0.1	50.4	1829
11 - 15	0.6	10.2	20.2	0.1	-	-	-	-	-	0.1	*	0.1	31.2	1134
16 - 20	0.1	0.5	1.3	-	-	-	-	-	-	-	-	-	1.8	67
21 - 24	-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	3
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	1.3	32.9	59.8	3.4	1.2	0.3	0.0	0.1	0.1	0.1	0.4	0.4	100.0
TOTAL N	5	47	1194	2170	124	43	11	1	2	2	4	13	14	3630

(* < 0.05%)

STATION: 91328

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	0.1	-	-	-	-	-	-	-	-	-	-	-	-	0.1	6
1 - 3	-	0.1	0.6	0.5	0.4	0.3	0.2	0.1	0.1	*	0.1	0.1	0.1	2.6	118
4 - 6	-	0.6	4.3	4.0	1.4	0.4	0.3	0.1	*	0.1	0.2	0.2	0.2	11.7	526
7 - 10	-	1.7	17.3	25.4	0.9	0.4	0.1	-	-	*	*	0.1	0.3	46.3	2079
11 - 15	-	2.0	8.1	25.4	0.2	-	*	-	-	-	*	0.1	0.4	36.2	1625
16 - 20	-	0.5	0.4	1.7	-	-	-	-	-	-	-	*	0.2	2.8	128
21 - 24	-	0.2	-	-	-	-	-	-	-	-	-	-	*	0.2	9
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	*	*	-	-	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	0.1	5.1	30.7	57.0	2.8	1.2	0.6	0.2	0.1	0.2	0.3	0.5	1.2	100.0	
TOTAL N	6	230	1378	2560	127	53	25	10	6	7	15	21	56	4494	

(* < 0.05%)

STATION: 91328

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	0.1	-	-	-	*	*	*	-	-	-	-	*	*	0.2	11
1 - 3	-	0.3	0.8	1.2	1.1	0.6	0.2	0.1	0.1	0.1	0.1	0.2	0.2	4.9	226
4 - 6	-	0.6	4.6	7.2	4.7	1.8	0.8	0.3	*	0.1	0.3	0.3	0.1	20.8	962
7 - 10	-	1.1	12.2	29.5	1.9	0.5	0.4	0.4	0.1	*	0.3	0.3	0.3	47.1	2181
11 - 15	-	0.9	4.1	18.6	0.1	*	0.2	0.2	0.1	0.1	0.6	0.1	0.5	25.4	1178
16 - 20	-	0.2	0.2	0.6	-	-	*	-	0.1	*	0.1	0.1	0.1	1.5	68
21 - 24	-	-	-	-	-	-	-	-	-	*	*	*	-	0.1	4
25 - 33	-	-	-	-	-	-	-	-	-	*	*	-	-	0.1	3
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.1	3.1	21.9	57.2	7.8	3.0	1.6	1.0	0.3	0.4	1.5	0.9	1.2	100.0	
TOTAL N	6	142	1013	2649	362	141	74	45	16	17	69	44	56	4634	

(* < 0.05%)

STATION: 91328

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	0.5	-	*	-	-	*	*	-	-	-	-	-	-	0.6	27
1 - 3	-	0.2	0.9	1.9	2.0	1.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	7.7	357
4 - 6	-	0.8	6.2	12.3	7.8	3.2	0.9	0.3	0.1	0.6	0.9	0.3	0.3	33.5	1562
7 - 10	-	1.1	9.9	30.0	1.8	0.9	0.3	0.1	*	0.6	0.4	0.1	*	45.2	2107
11 - 15	-	0.2	2.1	9.8	*	*	*	-	*	0.3	0.2	*	0.1	12.8	599
16 - 20	-	-	*	0.2	-	-	-	-	-	*	*	-	-	0.3	13
21 - 24	-	-	-	-	-	-	-	-	-	*	-	-	-	0.0	1
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.5	2.2	19.2	54.2	11.7	5.4	1.5	0.6	0.4	1.7	1.6	0.6	0.5	100.0	
TOTAL N	23	102	897	2527	546	250	69	26	17	78	76	30	25	4666	

(* < 0.05%)

STATION: 91328

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

Month: JUN

WIND DIRECTION

WIND SPEED	CALM	35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	TOT %	TOT N
0	1.1	-	*	-	-	-	-	-	*	-	0.1	*	*	1.3	58
1 - 3		0.2	1.2	2.0	2.4	1.8	1.3	1.0	0.6	0.1	0.2	0.2	0.2	11.3	500
4 - 6		0.9	5.3	15.2	8.6	2.7	1.8	1.1	0.7	0.3	0.2	0.4	0.5	37.6	1672
7 - 10		0.3	6.1	29.0	2.0	0.7	0.6	0.3	0.4	0.2	0.2	0.2	0.2	40.2	1784
11 - 15		0.1	0.8	7.2	0.1	0.1	0.1	-	0.1	0.4	0.1	0.2	0.1	9.1	406
16 - 20		*	-	0.2	-	-	-	-	-	0.1	*	*	0.1	0.4	18
21 - 24		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	*	-	-	-	-	*	*	-	-	-	0.1	3
TOTAL %	1.1	1.5	13.4	53.6	13.1	5.3	3.8	2.4	1.8	1.2	0.8	0.9	1.1	100.0	
TOTAL N	51	68	594	2379	580	236	170	106	79	52	34	42	50		4441

(* < 0.05%)

STATION: 91328

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	1.9	0.1	-	*	-	-	-	0.1	0.1	0.1	*	*	*	-	2.3	107
1 - 3		0.6	2.5	3.3	3.4	2.7	1.8	3.1	2.2	0.7	0.4	0.7	0.5	22.0	1040	
4 - 6		1.9	5.8	13.7	8.6	3.4	2.8	1.9	2.6	1.2	1.1	0.8	0.9	44.6	2108	
7 - 10		1.2	2.5	12.3	1.5	0.3	0.4	0.7	1.4	1.4	1.0	0.7	1.0	24.3	1148	
11 - 15		0.5	0.3	0.9	*	*	-	0.1	0.3	1.4	0.8	0.3	0.6	5.4	253	
16 - 20		*	*	-	-	*	-	-	0.1	0.6	0.3	0.1	0.1	1.2	57	
21 - 24		-	-	*	-	-	-	-	-	*	*	*	*	0.2	9	
25 - 33		-	-	-	-	-	-	-	-	0.1	-	-	-	0.1	3	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	1.9	4.3	11.0	30.2	13.6	6.5	5.1	5.9	6.7	5.5	3.6	2.6	3.2	100.0		
TOTAL N	88	203	520	1425	642	309	239	281	315	259	172	123	149		4725	

(* < 0.05%)

STATION: 91328

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	2.9	0.1	*	*	*	-	*	*	*	-	-	-	*	3.2	118
1 - 3		1.0	3.0	3.4	3.5	2.8	2.4	3.8	1.6	1.0	1.0	1.0	0.8	25.3	943
4 - 6		2.3	6.1	8.2	4.7	2.7	2.8	3.2	2.7	2.0	1.5	1.3	1.9	39.4	1468
7 - 10		1.7	1.6	3.0	0.4	0.5	1.3	2.9	3.1	1.8	1.2	0.8	1.7	20.0	746
11 - 15		0.2	0.1	0.3	0.1	0.1	0.7	1.1	2.5	2.0	0.5	0.1	0.3	7.9	294
16 - 20		0.1	-	0.1	-	-	-	0.1	0.8	2.1	0.6	*	-	3.7	139
21 - 24		-	-	-	-	-	-	-	-	0.3	0.1	*	-	0.4	16
25 - 33		-	-	-	-	-	-	-	*	-	*	-	-	0.1	2
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	*	-	-	-	*	-	-	-	-	0.1	2
TOTAL %	2.9	5.4	10.8	14.8	8.8	6.1	7.3	11.1	10.7	9.3	4.9	3.3	4.7	100.0	
TOTAL N	107	203	401	553	328	228	273	413	398	346	181	122	175		3728

(* < 0.05%)

STATION: 91328

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

Month: SEP

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	2.2	0.2	-	0.1	-	0.1	0.1	*	0.1	*	*	*	*	2.8	86
1 - 3		1.0	2.8	2.3	2.1	3.2	2.5	4.5	3.0	1.8	1.1	0.8	1.0	26.0	797
4 - 6		1.9	3.7	3.6	1.9	2.6	3.0	3.2	3.0	1.8	1.9	2.1	2.5	31.2	955
7 - 10		2.5	2.0	2.4	0.4	0.2	1.2	3.5	3.4	2.6	1.8	1.1	2.2	23.3	715
11 - 15		0.8	0.1	0.2	-	0.1	0.1	0.3	2.3	3.6	1.5	1.0	0.7	10.8	331
16 - 20		0.1	-	-	-	-	-	-	0.6	2.9	0.9	0.3	0.3	5.0	154
21 - 24		-	-	-	-	-	-	-	-	0.5	0.1	*	-	0.6	19
25 - 33		-	-	-	-	-	-	-	-	0.2	*	-	-	0.2	7
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.2	6.5	8.6	8.6	4.4	6.1	7.0	11.6	12.3	13.5	7.3	5.3	6.8	100.0	
TOTAL N	66	199	264	263	134	186	213	354	378	413	223	162	209		3064

(* < 0.05%)

STATION: 91328

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

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N	
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34			
0	2.0	0.1	-	-	-	-	-	-	-	*	*	-	*	*	2.2	92
1 - 3		1.1	2.3	2.4	2.5	2.6	2.4	3.9	2.6	1.1	0.8	0.8	1.0	23.5	993	
4 - 6		2.0	4.5	5.2	3.6	2.8	3.7	3.4	3.6	2.3	2.0	2.5	1.8	37.4	1582	
7 - 10		1.1	1.3	2.6	0.5	0.4	0.9	1.1	3.1	2.9	2.7	2.3	1.6	20.7	875	
11 - 15		0.6	0.2	0.9	*	*	0.1	0.1	1.5	2.5	2.5	1.6	1.1	11.2	472	
16 - 20		*	-	*	-	*	*	-	0.5	1.4	0.6	0.3	0.5	3.5	149	
21 - 24		*	-	-	-	-	-	-	*	0.4	0.1	0.1	0.1	0.8	35	
25 - 33		-	-	-	-	-	-	-	0.1	0.2	0.1	0.1	*	0.5	23	
34 - 47		-	-	-	-	-	-	-	-	0.1	0.1	-	-	0.2	9	
> 48		-	-	-	-	-	-	-	-	-	-	-	*	0.0	1	
TOTAL %	2.0	4.9	8.2	11.3	6.6	6.0	7.1	8.5	11.5	11.1	8.9	7.8	6.2	100.0		
TOTAL N	83	208	348	476	281	252	301	359	488	468	376	329	262		4231	

(* < 0.05%)

STATION: 91328

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	0.6	0.1	-	-	-	*	*	-	*	-	-	-	*	0.9	35
1 - 3		0.8	2.7	3.3	2.8	1.7	1.4	2.1	0.9	0.4	0.4	0.3	0.7	17.5	708
4 - 6		2.0	12.4	13.0	4.2	2.2	1.5	0.9	0.6	0.6	0.4	0.6	1.0	39.4	1591
7 - 10		1.9	8.3	13.4	0.8	0.5	0.9	1.7	0.9	0.3	0.5	1.0	1.5	31.9	1288
11 - 15		0.9	0.7	2.3	*	*	0.3	0.7	0.4	0.3	0.5	0.6	0.3	7.2	290
16 - 20		0.2	-	0.2	-	-	-	*	0.1	0.6	0.2	0.3	*	1.7	67
21 - 24		0.1	-	-	-	-	-	-	*	0.7	*	*	*	1.0	41
25 - 33		-	-	-	-	-	-	-	-	0.3	0.1	-	-	0.4	17
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	0.6	6.0	24.1	32.1	7.9	4.5	4.1	5.4	3.2	3.1	2.3	2.8	3.7	100.0	
TOTAL N	26	243	974	1298	321	180	167	219	128	127	92	114	149		4038

(* < 0.05%)

STATION: 91328

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	0.1	*	-	-	*	-	-	-	-	-	-	*	-	0.2	9
1 - 3		0.1	0.6	0.7	1.0	1.0	0.4	0.3	0.5	0.1	0.1	0.1	0.1	5.0	213
4 - 6		0.6	5.0	5.6	3.7	1.9	1.0	0.8	0.8	0.4	*	0.1	0.3	20.3	862
7 - 10		1.3	16.0	21.0	1.7	0.5	0.9	0.4	0.1	0.7	0.1	0.1	0.2	43.1	1827
11 - 15		1.3	9.0	17.1	0.1	-	-	-	-	0.1	0.4	0.2	0.3	28.4	1205
16 - 20		0.2	0.3	2.2	*	*	-	-	-	-	-	-	*	2.8	117
21 - 24		-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	3
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	3.6	30.8	46.7	6.6	3.4	2.4	1.6	1.5	1.3	0.6	0.5	0.9	100.0	
TOTAL N	6	151	1304	1979	280	145	100	68	62	57	25	22	37		4236

(* < 0.05%)

STATION: 91328

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

All Months: Annual

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.0	*	*	*	*	*	*	*	*	*	*	*	*	1.2	610
1 - 3		0.5	1.5	1.9	1.9	1.5	1.1	1.5	1.0	0.5	0.3	0.4	0.4	12.3	6146
4 - 6		1.2	5.6	8.6	4.7	2.2	1.6	1.2	1.1	0.8	0.7	0.7	0.8	29.0	14468
7 - 10		1.2	9.1	19.3	1.2	0.5	0.6	0.8	1.0	0.8	0.7	0.5	0.7	36.5	18197
11 - 15		0.7	3.8	10.7	0.1	*	*	0.1	0.2	0.5	0.8	0.6	0.3	18.4	9161
16 - 20		0.1	0.2	0.7	*	*	*	*	0.2	0.6	0.2	0.1	0.1	2.2	1089
21 - 24		*	-	*	-	-	-	-	*	0.2	*	*	*	0.3	143
25 - 33		-	-	-	-	-	-	-	*	0.1	*	*	*	0.1	55
34 - 47		-	-	-	-	-	-	-	-	*	*	-	-	0.0	9
> 48		*	*	*	*	*	*	-	*	*	-	-	*	0.0	16
TOTAL %	1.0	3.8	20.2	41.2	7.9	4.2	3.4	3.8	3.8	3.7	2.6	2.1	2.4	100.0	
TOTAL N	517	1892	10067	20558	3952	2102	1683	1896	1898	1845	1273	1028	1183		49894

(* < 0.05%)

STATION: 91328

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

Months: DEC, JAN, FEB (Winter)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.5	*	*	*	*	*	-	-	*	-	-	*	-	0.6	70
1 - 3		0.1	0.4	0.8	0.9	0.6	0.3	0.2	0.2	0.2	*	0.1	0.1	3.9	464
4 - 6		0.5	4.7	6.0	3.0	1.3	0.5	0.3	0.3	0.2	*	0.1	0.2	17.2	2042
7 - 10		0.8	15.6	25.3	1.3	0.3	0.4	0.2	*	0.3	0.1	0.1	0.1	44.4	5274
11 - 15		0.9	9.8	20.0	0.1	-	*	-	-	0.1	0.2	0.1	0.1	31.3	3713
16 - 20		0.2	0.4	1.9	*	*	-	-	-	-	*	-	*	2.5	296
21 - 24		*	-	0.1	-	-	-	-	-	*	-	-	-	0.1	9
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	*	-	*	*	-	-	*	-	-	-	0.0	5
TOTAL %	0.5	2.5	31.0	54.1	5.3	2.2	1.3	0.7	0.6	0.7	0.3	0.3	0.4	100.0	
TOTAL N	61	294	3678	6428	631	267	152	83	73	78	35	41	52		11873

(* < 0.05%)

STATION: 91328

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	-	*	-	*	*	*	-	-	-	-	*	*	0.3	44
1 - 3		0.2	0.8	1.2	1.2	0.7	0.2	0.1	0.1	0.1	0.1	0.2	0.2	5.1	701
4 - 6		0.7	5.0	7.9	4.7	1.8	0.6	0.2	0.1	0.2	0.5	0.2	0.2	22.1	3050
7 - 10		1.3	13.1	28.3	1.5	0.6	0.3	0.2	*	0.2	0.3	0.2	0.2	46.2	6367
11 - 15		1.0	4.7	17.9	0.1	*	0.1	0.1	*	0.1	0.3	0.1	0.3	24.7	3402
16 - 20		0.2	0.2	0.8	-	-	*	-	*	*	*	0.1	0.1	1.5	209
21 - 24		0.1	-	-	-	-	-	-	-	*	*	*	*	0.1	14
25 - 33		-	-	-	-	-	-	-	-	*	*	-	-	0.0	3
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		*	*	-	-	-	-	-	-	-	-	-	-	0.0	4
TOTAL %	0.3	3.4	23.8	56.1	7.5	3.2	1.2	0.6	0.3	0.7	1.2	0.7	1.0	100.0	
TOTAL N	35	474	3288	7736	1035	444	168	81	39	102	160	95	137		13794

(* < 0.05%)

STATION: 91328

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

Months: JUN, JUL, AUG (Summer)

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	1.9	0.1	*	*	*	-	*	*	*	*	*	*	*	2.2	283
1 - 3		0.6	2.2	2.9	3.1	2.4	1.8	2.6	1.5	0.6	0.5	0.6	0.5	19.3	2483
4 - 6		1.7	5.7	12.6	7.5	3.0	2.5	2.0	2.0	1.1	0.9	0.8	1.1	40.7	5248
7 - 10		1.0	3.5	15.3	1.4	0.5	0.7	1.2	1.5	1.1	0.7	0.5	0.9	28.5	3678
11 - 15		0.3	0.4	2.9	0.1	0.1	0.2	0.3	0.9	1.2	0.5	0.2	0.3	7.4	953
16 - 20		*	*	0.1	-	*	-	*	0.3	0.9	0.3	0.1	*	1.7	214
21 - 24		-	-	*	-	-	-	-	-	0.1	*	*	*	0.2	25
25 - 33		-	-	-	-	-	-	-	*	*	-	-	-	0.0	5
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	*	*	-	-	-	*	*	-	-	-	0.0	5
TOTAL %	1.9	3.7	11.7	33.8	12.0	6.0	5.3	6.2	6.1	5.1	3.0	2.2	2.9	100.0	
TOTAL N	246	474	1515	4357	1550	773	682	800	792	657	387	287	374		12894

(* < 0.05%)

STATION: 91328

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	1.5	0.1	-	*	-	*	*	*	0.1	*	*	*	*	1.9	213
1 - 3		1.0	2.6	2.7	2.5	2.4	2.1	3.4	2.1	1.0	0.7	0.6	0.9	22.0	2498
4 - 6		2.0	7.1	7.6	3.3	2.5	2.7	2.4	2.4	1.6	1.4	1.7	1.7	36.4	4128
7 - 10		1.8	4.0	6.4	0.6	0.4	1.0	2.0	2.4	1.9	1.7	1.5	1.7	25.4	2878
11 - 15		0.8	0.4	1.2	*	*	0.2	0.4	1.3	2.0	1.5	1.1	0.7	9.6	1093
16 - 20		0.1	-	0.1	-	*	*	*	0.4	1.5	0.5	0.3	0.3	3.3	370
21 - 24		0.1	-	-	-	-	-	-	*	0.5	0.1	0.1	0.1	0.8	95
25 - 33		-	-	-	-	-	-	-	*	0.2	0.1	*	*	0.4	47
34 - 47		-	-	-	-	-	-	-	-	0.1	*	-	-	0.1	9
> 48		-	-	*	-	-	-	-	-	-	-	-	*	0.0	2
TOTAL %	1.5	5.7	14.0	18.0	6.5	5.5	6.0	8.2	8.8	8.9	6.1	5.3	5.5	100.0	

TOTAL N	175	650	1586	2037	736	618	681	932	994	1008	691	605	620	11333
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(* < 0.05%)

Summary complete: 09-Sep-2003 10:45:28