

1991	MEAN	24.7	24.4	25.8	26.9	28.1	28.6	28.6	28.7	28.3	27.3	27.3	25.9	27.0
	MAXIMUM	28.7	27.4	28.5	29.5	30.5	32.4	32.3	32.0	30.9	30.0	29.5	28.9	32.4
	DAY-HR	06-01	23-03	17-04	22-03	24-01	26-02	01-02	12-03	04-02	01-02	02-01	09-05	JUN
	MINIMUM	21.7	21.3	22.8	23.1	24.5	25.1	23.6	24.6	24.4	23.6	23.8	20.8	20.8
	DAY-HR	17-19	04-14	22-19	07-04	22-20	01-18	10-22	22-23	21-19	05-18	02-22	03-20	DEC
	# OBS	743	665	739	564	595	712	711	570	693	729	623	724	8068
1992	MEAN	25.3	24.7	25.7	26.4	27.7	28.0	28.2	28.1	27.8	27.7	27.3	25.4	26.9
	MAXIMUM	28.0	28.3	28.6	29.4	30.1	30.4	30.8	30.9	30.1	30.3	29.4	28.3	30.9
	DAY-HR	29-05	17-00	07-05	25-03	05-02	16-03	08-02	10-03	23-01	11-02	10-02	01-02	AUG
	MINIMUM	22.1	20.0	22.4	22.7	24.0	23.8	23.8	23.6	23.9	23.8	23.7	22.3	20.0
	DAY-HR	23-20	20-19	02-19	28-19	05-20	25-15	27-10	07-15	13-17	14-19	25-17	18-14	FEB
	# OBS	543	548	732	680	446	669	683	675	641	713	696	723	7749
1993	MEAN	25.0	24.5	24.7	26.1	27.2	28.3	28.3	27.9	28.0	28.2	27.5	26.9	26.9
	MAXIMUM	27.4	27.3	28.0	28.8	30.1	31.0	31.4	30.8	31.0	30.6	29.6	29.5	31.4
	DAY-HR	15-02	28-02	31-01	28-04	31-00	27-03	17-03	15-03	13-01	17-01	04-00	13-02	JUL
	MINIMUM	21.1	20.3	20.2	21.9	23.8	24.3	24.7	23.8	24.1	24.5	23.8	24.0	20.2
	DAY-HR	21-20	04-20	17-20	11-18	04-18	02-19	02-13	28-10	03-17	27-08	28-18	27-17	MAR
	# OBS	685	649	699	695	730	711	735	734	705	739	718	738	8538
1994	MEAN	25.5	24.9	25.7	26.7	27.8	28.6	28.3	28.1	27.9	27.7	26.8	26.1	27.0
	MAXIMUM	28.3	27.6	28.8	29.6	30.2	31.3	31.0	31.2	30.9	30.4	29.5	28.7	31.3
	DAY-HR	01-03	20-03	25-02	29-02	31-23	26-03	23-05	31-02	03-00	05-23	02-03	16-01	JUN
	MINIMUM	22.2	20.5	20.7	23.1	23.9	24.8	24.7	23.5	24.3	24.1	22.9	23.4	20.5
	DAY-HR	12-21	24-20	04-15	15-14	21-14	29-14	31-17	13-23	28-19	16-19	30-17	18-17	FEB
	# OBS	688	596	679	701	647	664	659	664	580	676	611	628	7793
1995	MEAN	24.9	24.1	24.8	26.5	27.5	28.1	28.1	28.0	28.0	28.1	27.6	26.2	26.6
	MAXIMUM	27.9	27.2	28.3	29.4	29.8	31.1	30.6	31.6	31.7	30.6	30.2	29.1	31.7
	DAY-HR	04-03	14-03	30-02	17-02	25-04	24-03	21-04	27-04	06-01	05-04	13-01	08-03	SEP
	MINIMUM	21.5	20.1	21.5	23.3	23.9	24.8	23.5	24.0	23.9	24.9	22.7	22.5	20.1
	DAY-HR	25-18	26-17	01-20	05-19	01-19	22-17	15-13	12-03	29-03	28-16	29-19	27-14	FEB
	# OBS	626	614	668	598	418	306	315	364	470	602	590	435	6006
1996	MEAN	24.9	25.1	25.6	26.8	28.4	28.9	28.4	27.9	27.7	27.8	27.7	26.2	27.4
	MAXIMUM	28.6	28.1	28.6	29.6	31.3	32.2	31.5	31.4	30.6	30.4	29.6	28.6	32.2
	DAY-HR	01-01	18-05	21-02	26-03	29-02	30-03	04-05	14-04	02-04	29-02	18-04	14-02	JUN
	MINIMUM	21.5	22.2	20.9	21.7	24.7	25.0	24.3	23.7	24.8	25.0	24.8	23.2	20.9
	DAY-HR	11-09	03-21	09-17	13-21	05-19	10-20	26-12	18-20	04-19	03-16	28-16	31-21	MAR
	# OBS	441	375	229	170	737	706	774	215	135	125	144	131	4182
1997	MEAN	24.5	24.9	25.0	26.6	26.9	27.8	28.7	27.9	28.0	28.1	-	-	26.8
	MAXIMUM	27.3	27.6	28.1	29.4	29.9	30.4	31.1	30.9	30.6	30.4	-	-	31.1
	DAY-HR	25-03	17-05	30-03	17-02	28-05	09-05	31-02	08-01	10-03	01-03	-	-	JUL
	MINIMUM	22.0	21.5	21.5	24.0	25.0	24.8	25.5	24.8	25.5	25.5	-	-	21.5
	DAY-HR	31-17	09-19	15-20	11-20	23-19	23-19	07-20	25-18	29-19	03-22	-	-	MAR
	# OBS	129	125	123	118	137	131	156	135	142	24	-	-	1220
POR	MEAN	25.0	24.6	25.3	26.5	27.8	28.4	28.4	28.1	28.0	27.8	27.3	26.2	27.0
	MAXIMUM	28.7	28.3	28.8	29.6	31.3	32.4	32.3	32.0	31.7	30.6	30.2	29.5	32.4
	YEAR	1991	1992	1994	1996	1996	1991	1991	1991	1995	1995	1995	1993	JUN/1991
	MINIMUM	21.1	20.0	20.2	21.7	23.8	23.8	23.5	23.5	23.9	23.5	22.7	20.8	20.0
	YEAR	1993	1992	1993	1996	1993	1992	1995	1994	1995	1990	1995	1991	FEB/1992
	# OBS	3855	3572	3869	3526	3710	3899	4631	4060	4062	4327	3774	4122	47407

STATION: 91222 -- POR (7/1990 - 10/1997)

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
1990	MEAN	-	-	-	-	-	-	1008.1	1007.8	1009.9	1010.3	1011.4	-	1009.3
	MAXIMUM	-	-	-	-	-	-	1012.3	1013.5	1014.6	1016.3	1015.4	-	1016.3
	DAY-HR	-	-	-	-	-	-	08-23	09-12	25-11	29-23	01-00	-	OCT
	MINIMUM	-	-	-	-	-	-	1001.6	997.5	1004.3	1001.9	1008.2	-	997.5
	DAY-HR	-	-	-	-	-	-	27-06	13-18	02-19	17-20	15-04	-	AUG
	# OBS	-	-	-	-	-	-	597	701	692	718	301	-	3009
1992	MEAN	-	-	-	-	1010.2	1012.1	1012.0	1008.6	1005.7	1008.9	1010.4	1014.9	1010.4
	MAXIMUM	-	-	-	-	1012.1	1015.6	1017.3	1012.5	1014.7	1013.5	1017.1	1018.9	1018.9
	DAY-HR	-	-	-	-	29-01	10-12	01-13	23-11	19-11	25-23	29-23	19-23	DEC
	MINIMUM	-	-	-	-	1008.4	1008.1	1008.7	1003.0	988.7	1004.9	1001.7	1011.3	988.7
	DAY-HR	-	-	-	-	30-06	23-06	31-07	12-17	05-05	14-04	02-03	15-04	SEP
	# OBS	-	-	-	-	76	669	684	675	641	713	696	723	4877
1993	MEAN	1014.4	1014.8	1013.9	1013.7	1012.7	1011.9	1010.6	1009.4	1009.9	1010.5	1011.7	1012.6	1012.1
	MAXIMUM	1019.6	1019.6	1020.0	1019.6	1016.2	1016.1	1015.2	1013.9	1014.7	1015.9	1015.8	1016.1	1020.0

	DAY-HR	02-22	03-23	21-23	12-22	01-22	26-12	25-12	15-12	05-11	09-11	29-23	16-11	MAR
	MINIMUM	1008.2	1010.1	1006.8	1009.6	1009.3	1008.1	1006.7	1000.4	991.9	1001.0	1007.5	1007.6	991.9
	DAY-HR	28-04	01-05	16-05	02-05	16-04	05-04	20-15	24-06	24-21	22-04	08-05	10-04	SEP
	# OBS	685	649	699	695	731	711	735	734	705	739	718	738	8539
1994	MEAN	1012.4	1012.5	1014.1	1012.2	1011.5	1011.1	1007.7	1008.7	1007.3	1008.5	1012.1	1013.3	1011.0
	MAXIMUM	1017.8	1016.6	1017.4	1016.4	1015.3	1014.4	1012.8	1014.7	1012.7	1014.0	1015.4	1017.4	1017.8
	DAY-HR	25-23	28-13	06-23	14-12	19-11	12-12	02-00	06-11	27-11	31-22	08-22	28-23	JAN
	MINIMUM	1007.1	1006.8	1009.4	1008.4	1007.5	1007.3	999.2	999.9	998.6	992.9	1000.6	1002.2	992.9
	DAY-HR	14-05	21-05	20-05	06-05	31-16	01-05	27-03	14-05	17-04	25-17	03-08	23-05	OCT
	# OBS	688	598	677	701	647	664	659	664	580	676	611	628	7793
1995	MEAN	1014.3	1014.2	1013.9	1013.5	1011.9	1012.5	1011.5	1010.7	1009.6	1009.3	1011.4	1013.0	1012.3
	MAXIMUM	1018.8	1019.5	1020.1	1016.6	1015.6	1014.3	1014.1	1014.3	1014.3	1014.2	1015.0	1017.3	1020.1
	DAY-HR	27-21	03-23	16-23	22-22	16-11	21-01	23-00	08-13	22-11	01-10	08-22	28-00	MAR
	MINIMUM	1008.5	1010.0	1006.8	1008.9	1006.8	1010.2	1008.1	1006.8	994.5	1002.2	1007.2	1008.1	994.5
	DAY-HR	13-04	28-06	04-05	06-05	20-18	24-06	14-18	27-05	13-01	09-04	14-04	04-03	SEP
	# OBS	626	614	668	598	418	286	317	365	470	602	593	437	5994
1996	MEAN	1013.0	1013.2	1013.8	1011.4	1011.9	1012.0	1008.6	1010.4	1007.1	1010.9	1011.2	1009.1	1011.2
	MAXIMUM	1016.9	1016.9	1018.8	1018.8	1015.4	1015.4	1013.9	1014.0	1012.6	1014.2	1017.3	1014.9	1018.8
	DAY-HR	14-14	07-14	12-23	13-21	30-13	25-22	30-01	03-10	26-22	06-10	14-10	02-21	APR
	MINIMUM	1009.1	1008.1	1009.5	1007.3	1006.9	1009.1	999.1	1005.7	1000.3	1005.4	1005.2	997.7	997.7
	DAY-HR	26-06	02-06	31-17	02-04	18-06	11-07	06-07	28-16	14-16	22-20	05-03	29-07	DEC
	# OBS	438	376	231	174	737	708	774	218	135	127	144	132	4194
1997	MEAN	1012.1	1013.4	1013.8	1012.2	1011.3	1011.2	1009.4	1007.3	1009.0	1011.7	-	-	1011.0
	MAXIMUM	1016.3	1016.9	1017.7	1016.7	1016.5	1015.7	1013.2	1013.2	1014.0	1013.6	-	-	1017.7
	DAY-HR	05-01	24-13	29-20	26-22	06-21	04-01	13-22	03-14	29-21	01-01	-	-	MAR
	MINIMUM	1007.3	1010.4	1010.8	1007.5	1007.5	999.7	1004.0	982.9	984.8	1009.8	-	-	982.9
	DAY-HR	02-07	17-06	08-07	16-06	27-17	10-18	30-07	12-16	11-03	04-06	-	-	AUG
	# OBS	126	124	121	114	139	131	155	130	143	22	-	-	1205
POR	MEAN	1013.5	1013.7	1013.9	1012.9	1011.9	1011.8	1009.6	1008.9	1008.5	1009.6	1011.4	1013.3	1011.3
	MAXIMUM	1019.6	1019.6	1020.1	1019.6	1016.5	1016.1	1017.3	1014.7	1014.7	1016.3	1017.3	1018.9	1020.1
	YEAR	1993	1993	1995	1993	1997	1993	1992	1994	1993	1990	1996	1992	MAR/1995
	MINIMUM	1007.1	1006.8	1006.8	1007.3	1006.8	999.7	999.1	982.9	984.8	992.9	1000.6	997.7	982.9
	YEAR	1994	1994	1995	1996	1995	1997	1996	1997	1997	1994	1994	1996	AUG/1997
	# OBS	2563	2361	2396	2282	2748	3169	3921	3487	3366	3597	3063	2658	35611

STATION: 91222 -- POR (7/1990 - 7/1997)

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
1990	MEAN	-	-	-	-	-	-	4.9	8.0	7.8	8.6	10.2	8.2	7.8
	MAXIMUM	-	-	-	-	-	-	16.3	35.6	21.2	34.8	16.7	19.8	35.6
	DAY-HR	-	-	-	-	-	-	25-06	18-07	14-11	17-22	30-03	20-02	AUG
	MINIMUM	-	-	-	-	-	-	0.0	0.0	0.0	0.0	2.1	0.0	0.0
	DAY-HR	-	-	-	-	-	-	29-20	28-16	07-16	21-21	01-16	24-08	DEC
	# OBS	-	-	-	-	-	-	610	708	701	720	394	731	3864
1991	MEAN	7.2	6.9	8.5	9.2	7.6	7.0	5.7	7.4	8.8	-	-	-	7.5
	MAXIMUM	16.5	16.9	16.7	16.3	17.1	17.3	19.6	30.9	28.8	-	-	-	30.9
	DAY-HR	26-23	27-15	09-03	13-04	10-03	16-04	30-09	22-00	05-19	-	-	-	AUG
	MINIMUM	0.0	0.0	2.3	0.8	0.0	0.0	0.0	0.0	0.0	-	-	-	0.0
	DAY-HR	05-13	16-09	25-20	30-12	27-18	29-11	30-20	30-17	23-08	-	-	-	SEP
	# OBS	741	659	739	562	599	711	710	565	560	-	-	-	5846
1992	MEAN	-	-	-	5.6	6.2	8.0	6.2	7.4	8.6	6.5	9.2	7.3	7.3
	MAXIMUM	-	-	-	16.5	16.3	16.7	17.5	22.0	33.2	18.7	21.4	17.9	33.2
	DAY-HR	-	-	-	10-04	03-01	29-00	15-04	23-10	05-08	24-02	23-04	07-05	SEP
	MINIMUM	-	-	-	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	1.4	0.0
	DAY-HR	-	-	-	30-21	30-10	01-08	28-21	31-14	29-20	18-07	21-20	16-16	OCT
	# OBS	-	-	-	673	450	669	684	675	641	713	696	723	5924
1993	MEAN	7.2	6.8	6.2	6.7	6.6	5.3	8.2	5.8	7.1	6.9	7.9	8.4	6.9
	MAXIMUM	15.7	15.9	19.6	19.2	15.7	13.2	24.3	20.6	31.1	18.3	21.4	17.9	31.1
	DAY-HR	16-22	17-03	12-00	11-17	04-03	29-02	20-19	05-03	25-02	01-23	10-13	31-03	SEP
	MINIMUM	0.0	1.0	0.2	0.8	0.2	0.0	0.2	0.0	0.2	0.8	1.2	1.4	0.0
	DAY-HR	31-15	07-23	07-13	17-12	31-09	18-20	29-16	21-03	22-08	11-18	16-17	27-08	AUG
	# OBS	685	649	699	695	731	711	735	734	705	739	718	738	8539
1994	MEAN	6.1	5.5	7.1	7.1	7.7	6.3	5.5	4.9	4.7	7.3	8.4	8.4	6.6
	MAXIMUM	17.3	16.7	16.9	15.7	20.6	19.4	20.8	18.5	19.6	21.4	36.5	23.3	36.5
	DAY-HR	13-23	20-03	10-04	24-09	07-05	29-20	29-14	02-02	25-23	19-22	03-15	23-00	NOV
	MINIMUM	0.2	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	21-10	12-10	04-05	09-15	30-08	29-16	27-12	31-18	30-21	31-18	30-18	31-09	DEC

	# OBS	687	600	679	701	647	664	658	662	580	676	611	628	7793
1995	MEAN	5.8	5.2	6.6	7.4	7.6	5.0	3.2	3.0	6.2	6.0	4.5	5.5	5.7
	MAXIMUM	14.8	14.0	17.9	16.9	17.9	17.7	8.0	12.4	31.1	17.1	15.9	13.6	31.1
	DAY-HR	29-00	24-03	26-04	01-17	06-00	04-13	22-08	31-23	13-04	29-03	06-01	28-03	SEP
	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	24-21	28-10	24-18	07-09	21-13	23-15	30-13	30-01	11-08	28-16	27-15	31-20	DEC
	# OBS	626	611	668	598	414	302	318	356	470	602	414	435	5814
1996	MEAN	5.9	5.9	5.3	4.9	-	-	-	4.7	4.6	0.0	0.1	0.1	4.4
	MAXIMUM	15.6	13.6	15.6	13.6	-	-	-	13.6	25.3	0.0	1.9	1.9	25.3
	DAY-HR	01-03	29-02	01-02	08-03	-	-	-	25-01	15-20	21-17	25-03	30-15	SEP
	MINIMUM	0.0	0.0	0.0	0.0	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	29-22	23-20	23-19	26-09	-	-	-	31-17	30-03	21-17	30-20	31-21	DEC
	# OBS	435	368	224	122	-	-	-	166	132	89	146	133	1815
1997	MEAN	-	0.0	0.0	-	-	-	0.0	-	-	-	-	-	0.0
	MAXIMUM	-	0.0	0.0	-	-	-	0.0	-	-	-	-	-	0.0
	DAY-HR	-	28-22	06-03	-	-	-	02-02	-	-	-	-	-	JUL
	MINIMUM	-	0.0	0.0	-	-	-	0.0	-	-	-	-	-	0.0
	DAY-HR	-	28-22	06-03	-	-	-	02-02	-	-	-	-	-	JUL
	# OBS	-	127	19	-	-	-	5	-	-	-	-	-	151
POR	MEAN	6.5	5.8	7.0	7.0	7.2	6.5	5.9	6.2	7.1	6.9	7.8	7.4	6.8
	MAXIMUM	17.3	16.9	19.6	19.2	20.6	19.4	24.3	35.6	33.2	34.8	36.5	23.3	36.5
	YEAR	1994	1991	1993	1993	1994	1994	1993	1990	1992	1990	1994	1994	NOV/1994
	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	1996	1997	1997	1996	1995	1995	1997	1996	1996	1996	1996	1996	JUL/1997
	# OBS	3174	3014	3028	3351	2841	3057	3720	3866	3789	3539	2979	3388	39746

STATION: 91222 -- POR (7/1990 - 11/1995)

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
1990	MEAN	-	-	-	-	-	-	7.3	11.7	10.8	12.3	14.6	12.2	11.4
	MAXIMUM	-	-	-	-	-	-	20.2	49.2	30.9	44.5	24.1	30.1	49.2
	DAY-HR	-	-	-	-	-	-	26-21	18-07	14-07	17-22	19-15	20-02	AUG
	# OBS	-	-	-	-	-	-	588	686	686	713	386	732	3791
1991	MEAN	11.1	10.4	12.9	13.1	10.4	10.0	8.0	10.4	12.4	-	-	-	10.9
	MAXIMUM	22.4	25.9	22.7	21.6	21.6	22.9	22.9	41.0	33.0	-	-	-	41.0
	DAY-HR	01-14	27-08	04-02	01-04	10-05	19-22	30-09	22-00	05-19	-	-	-	AUG
	# OBS	741	654	735	533	576	705	697	553	552	-	-	-	5746
1992	MEAN	-	-	-	8.7	9.7	11.0	8.7	10.1	12.0	9.5	13.5	11.4	10.5
	MAXIMUM	-	-	-	22.2	21.0	22.2	20.8	30.7	39.9	24.5	28.2	25.9	39.9
	DAY-HR	-	-	-	10-04	03-01	29-01	01-04	28-06	05-08	22-02	23-07	07-05	SEP
	# OBS	-	-	-	658	441	669	684	675	641	713	696	723	5900
1993	MEAN	10.6	10.9	9.4	9.8	9.4	7.4	11.3	8.1	9.9	10.4	11.8	12.8	10.2
	MAXIMUM	22.2	26.8	23.1	23.1	21.4	18.5	33.0	25.1	37.7	25.7	26.8	22.9	37.7
	DAY-HR	06-23	15-02	12-00	11-17	04-04	29-02	25-12	05-02	25-02	01-07	10-13	31-03	SEP
	# OBS	685	649	699	695	731	711	735	734	705	739	718	738	8539
1994	MEAN	9.5	8.8	11.0	10.3	10.8	9.0	7.7	7.1	7.1	11.0	13.1	13.3	9.9
	MAXIMUM	27.2	21.2	22.9	22.9	27.4	26.0	24.9	24.9	25.5	36.0	44.5	35.6	44.5
	DAY-HR	26-05	20-02	23-02	15-19	14-04	29-20	03-03	02-02	04-02	24-22	03-15	23-05	NOV
	# OBS	687	598	677	701	647	664	658	663	579	676	611	628	7789
1995	MEAN	9.5	8.2	10.2	11.4	11.1	11.3	-	6.8	9.5	9.7	8.3	-	9.8
	MAXIMUM	21.2	19.6	23.7	21.8	22.6	21.8	-	17.3	46.3	21.8	18.7	-	46.3
	DAY-HR	03-04	12-04	17-00	27-23	05-00	04-13	-	29-05	13-04	10-20	06-01	-	SEP
	# OBS	626	611	668	598	414	132	-	97	469	602	343	-	4560
POR	MEAN	10.2	9.6	10.9	10.5	10.2	9.4	8.7	9.4	10.3	10.6	12.5	12.4	10.4
	MAXIMUM	27.2	26.8	23.7	23.1	27.4	26.0	33.0	49.2	46.3	44.5	44.5	35.6	49.2
	YEAR	1994	1993	1995	1993	1994	1994	1993	1990	1995	1990	1994	1994	AUG/1990
	# OBS	2739	2512	2779	3185	2809	2881	3362	3408	3632	3443	2754	2821	36325

STATION: 91222

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

Month: JAN

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	1.5	-	0.1	-	0.1	0.1	-	*	-	-	*	-	-	1.8	57
1 - 3		1.8	3.3	2.6	3.7	2.6	0.5	0.1	0.1	0.3	0.4	0.5	0.7	16.6	527
4 - 6		4.0	9.6	10.1	6.4	1.8	0.5	0.1	*	0.1	0.1	0.5	1.2	34.3	1086
7 - 10		1.2	9.0	14.5	8.3	2.8	0.3	-	0.1	0.1	0.1	0.1	0.3	36.6	1159
11 - 15		*	0.9	4.5	3.5	1.2	-	-	0.1	0.2	-	-	-	10.3	327
16 - 20		-	-	0.1	-	0.3	-	-	-	*	-	-	-	0.3	11
21 - 24		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	*	-	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	1.5	7.0	22.9	31.8	22.0	8.7	1.2	0.2	0.3	0.8	0.6	1.0	2.1	100.0	
TOTAL N	47	221	724	1006	697	276	38	6	9	24	19	33	68		3168

(* < 0.05%)

STATION: 91222

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	5.5	*	0.1	*	0.1	-	-	-	-	-	-	*	-	5.7	171
1 - 3		1.6	3.0	3.0	5.5	2.6	0.7	0.2	0.2	0.3	0.5	0.7	0.5	18.7	563
4 - 6		4.5	9.0	10.5	4.8	1.9	0.4	0.1	0.3	0.8	0.7	1.5	1.3	35.7	1075
7 - 10		2.4	7.0	11.6	7.4	2.5	0.3	-	0.1	0.3	0.1	0.1	0.7	32.5	977
11 - 15		*	1.1	3.1	2.2	0.6	-	-	-	*	*	-	-	7.0	212
16 - 20		-	-	*	0.1	*	-	-	-	-	-	-	-	0.2	5
21 - 24		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	0.1	-	*	*	*	-	-	-	-	-	-	0.2	5
TOTAL %	5.5	8.5	20.2	28.2	20.0	7.7	1.4	0.3	0.7	1.5	1.3	2.4	2.5	100.0	
TOTAL N	164	257	608	849	603	231	41	8	20	44	38	71	74		3008

(* < 0.05%)

STATION: 91222

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	2.5	*	*	-	0.1	-	-	-	*	0.1	*	-	*	2.8	85
1 - 3		1.4	1.6	2.5	3.5	1.4	0.2	0.1	0.3	0.2	0.4	0.3	0.5	12.5	378
4 - 6		3.6	7.2	11.4	6.2	1.2	0.2	-	0.1	0.3	0.2	0.6	1.0	32.0	970
7 - 10		2.3	6.2	17.4	9.6	2.3	0.2	-	*	0.1	-	-	0.1	38.3	1161
11 - 15		-	0.5	5.4	6.1	1.3	*	-	0.1	0.1	-	-	-	13.6	412
16 - 20		-	-	0.1	0.4	0.3	-	-	-	-	-	-	-	0.7	22
21 - 24		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	*	-	0.1	-	-	-	-	-	-	-	-	0.1	3
TOTAL %	2.5	7.4	15.6	36.7	25.9	6.6	0.7	0.1	0.5	0.8	0.6	0.9	1.6	100.0	
TOTAL N	76	224	474	1113	786	199	20	3	16	24	18	28	50		3031

(* < 0.05%)

STATION: 91222

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	3.4	-	*	0.1	0.3	0.1	*	-	-	-	-	-	-	3.9	130
1 - 3		0.1	0.9	2.6	4.0	2.6	0.5	0.2	0.1	0.1	0.2	0.3	0.1	11.7	392
4 - 6		0.5	1.8	11.1	9.5	2.8	1.0	0.1	0.1	0.2	*	0.1	0.1	27.4	917
7 - 10		0.3	2.0	13.9	18.4	6.7	0.9	0.2	0.1	0.1	-	-	-	42.4	1421
11 - 15		0.1	0.1	2.6	7.9	3.1	0.2	*	0.1	0.1	-	-	-	14.2	477
16 - 20		-	-	-	0.1	0.2	-	-	-	-	-	-	-	0.3	11
21 - 24		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	*	-	-	-	-	-	-	-	0.0	1
TOTAL %	3.4	0.9	4.8	30.3	40.2	15.5	2.6	0.5	0.4	0.5	0.2	0.4	0.3	100.0	
TOTAL N	113	31	162	1015	1345	520	87	17	12	18	8	12	9		3349

(* < 0.05%)

STATION: 91222

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	1.4	0.1	0.1	0.2	0.1	0.1	*	*	0.1	0.1	-	*	0.1	2.3	66
1 - 3		0.3	0.7	2.2	6.3	3.5	1.3	0.5	0.3	0.4	0.1	0.4	*	15.9	451
4 - 6		0.1	0.1	5.0	13.0	5.8	0.7	0.2	0.3	0.3	0.1	0.2	0.2	26.0	739
7 - 10		-	0.1	6.2	19.1	10.5	1.5	*	0.2	0.7	-	-	-	38.4	1090
11 - 15		-	-	1.4	8.9	5.4	0.2	-	*	0.1	-	-	-	16.1	456
16 - 20		-	-	-	0.8	0.5	0.1	-	-	-	-	-	-	1.3	38
21 - 24		-	-	-	-	*	-	-	-	-	-	-	-	0.0	1
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.4	0.4	1.0	15.0	48.2	25.8	4.0	0.8	0.9	1.5	0.2	0.6	0.3	100.0	
TOTAL N	40	12	29	427	1368	732	113	22	25	43	6	16	8		2841

(* < 0.05%)

STATION: 91222

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	1.7	0.1	0.1	0.1	0.1	*	*	*	-	*	*	-	-	2.2	68
1 - 3		0.7	0.9	2.8	8.6	5.4	0.8	0.3	0.1	0.3	0.4	0.9	0.3	21.4	653
4 - 6		0.4	0.5	5.9	14.7	4.7	0.6	0.3	0.2	0.5	0.3	0.9	0.2	29.2	890
7 - 10		0.1	*	4.1	19.6	8.5	0.6	0.2	-	0.1	0.1	-	*	33.2	1013
11 - 15		-	-	0.3	8.2	4.8	0.2	-	-	-	*	-	-	13.5	413
16 - 20		-	-	-	0.3	0.2	-	-	-	-	-	-	-	0.5	14
21 - 24		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	1.7	1.2	1.5	13.2	51.5	23.6	2.2	0.9	0.3	0.9	0.8	1.7	0.5	100.0	
TOTAL N	52	37	46	402	1572	719	67	26	9	27	25	53	16		3051

(* < 0.05%)

STATION: 91222

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	2.4	0.1	*	0.1	0.1	0.1	-	*	*	*	0.1	-	-	3.0	110
1 - 3		0.7	0.9	3.4	10.9	6.3	1.6	0.8	0.6	0.5	0.5	0.6	0.5	27.1	1008
4 - 6		0.3	0.6	6.3	14.5	5.7	1.4	0.5	0.8	1.5	0.4	0.5	0.5	32.8	1219
7 - 10		-	0.2	4.6	14.2	5.2	0.4	0.1	0.6	1.0	0.2	-	*	26.5	986
11 - 15		-	-	0.5	4.0	3.4	-	-	0.3	0.3	*	-	-	8.5	317
16 - 20		-	-	-	0.7	1.0	-	-	-	0.1	-	-	-	1.8	66
21 - 24		-	-	-	0.1	0.2	-	-	-	-	-	-	-	0.3	11
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	2.4	1.1	1.7	14.8	44.5	21.9	3.4	1.4	2.3	3.4	1.1	1.0	1.0	100.0	
TOTAL N	90	40	64	550	1654	815	125	51	86	125	42	39	37		3718

(* < 0.05%)

STATION: 91222

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	3.9	0.2	*	0.1	0.1	0.1	0.1	*	0.1	-	*	-	*	4.5	173
1 - 3		1.3	2.0	2.9	9.3	6.4	2.4	0.8	0.7	1.0	0.7	0.9	0.7	29.1	1124
4 - 6		0.8	1.1	2.9	8.1	7.2	1.5	0.6	1.0	1.5	0.8	1.0	0.6	27.1	1047
7 - 10		*	0.6	2.5	6.9	7.1	0.6	0.1	2.2	2.2	0.5	0.2	*	23.0	890
11 - 15		-	-	1.0	3.6	3.9	0.2	0.1	2.0	1.1	0.1	-	-	12.0	465
16 - 20		-	-	-	0.7	1.5	0.1	-	0.5	0.7	-	-	-	3.5	134
21 - 24		-	-	-	*	0.2	-	-	0.2	0.1	-	-	-	0.5	18
25 - 33		-	-	-	-	-	-	-	0.2	-	-	-	-	0.2	8
34 - 47		-	-	-	-	-	-	-	*	*	-	-	-	0.1	2
> 48		0.1	-	-	*	*	-	-	-	0.1	-	-	-	0.2	6
TOTAL %	3.9	2.3	3.8	9.3	28.7	26.4	4.8	1.6	7.0	6.6	2.2	2.1	1.4	100.0	
TOTAL N	151	88	147	358	1108	1021	187	63	271	255	84	81	53		3867

(* < 0.05%)

STATION: 91222

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	2.5	0.1	*	0.1	0.2	0.1	0.1	-	*	-	*	-	*	3.1	116
1 - 3		0.8	1.7	3.1	7.9	4.2	1.0	0.6	0.6	0.4	0.6	0.6	0.7	22.2	841
4 - 6		0.7	1.9	7.8	9.9	3.5	1.0	0.3	0.5	0.4	1.2	1.2	0.4	28.7	1087
7 - 10		0.2	1.1	6.7	11.3	4.6	0.2	0.1	0.4	0.4	0.2	0.4	0.2	25.8	976
11 - 15		0.1	0.2	1.3	5.9	3.5	-	-	0.1	1.7	0.2	0.4	0.2	13.6	517
16 - 20		-	0.1	0.1	1.2	1.0	-	-	0.1	1.4	0.6	0.1	0.1	4.5	169
21 - 24		-	*	-	0.1	0.1	-	-	*	0.6	0.5	-	-	1.4	54
25 - 33		-	-	-	0.1	*	-	-	0.1	0.5	0.1	-	-	0.7	26
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	*	-	-	-	*	-	-	-	-	-	-	0.1	2
TOTAL %	2.5	1.9	5.1	19.0	36.6	17.0	2.2	0.9	1.8	5.4	3.3	2.7	1.6	100.0	
TOTAL N	95	71	194	721	1386	644	85	35	67	204	126	101	59		3788

(* < 0.05%)

STATION: 91222

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	4.2	0.1	*	0.1	0.3	*	*	0.1	0.1	-	*	-	-	5.1	181
1 - 3		1.0	1.6	2.7	6.3	3.1	0.5	0.1	0.3	0.4	0.4	0.4	0.4	17.1	604
4 - 6		1.0	2.8	9.9	8.9	2.7	0.4	0.3	0.1	0.2	0.2	0.7	0.7	27.9	986
7 - 10		0.5	2.0	12.1	12.2	3.9	0.3	*	0.4	0.2	0.3	0.3	0.2	32.4	1144
11 - 15		0.1	0.4	2.3	5.8	3.1	0.1	-	0.2	1.0	0.7	0.1	0.1	14.1	498
16 - 20		-	0.2	0.3	0.7	0.5	*	-	-	0.1	0.5	-	-	2.4	84
21 - 24		-	-	*	0.3	0.1	-	-	-	-	-	-	-	0.4	14
25 - 33		-	-	0.1	0.4	0.1	-	-	-	-	-	-	-	0.6	22
34 - 47		-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
> 48		-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
TOTAL %	4.2	2.8	7.1	27.6	35.0	13.7	1.4	0.4	1.0	1.9	2.1	1.5	1.3	100.0	
TOTAL N	150	99	251	975	1237	483	51	14	34	67	73	54	47		3535

(* < 0.05%)

STATION: 91222

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	5.0	0.1	0.1	0.4	0.4	*	0.1	-	-	-	-	*	-	6.2	183
1 - 3		0.7	1.3	3.5	3.8	0.9	0.2	*	*	-	-	*	0.2	10.7	317
4 - 6		0.8	2.2	8.3	7.1	1.1	0.2	-	-	-	-	0.1	0.1	19.9	592
7 - 10		0.2	2.0	22.2	12.0	2.9	-	-	-	-	-	-	0.1	39.3	1170
11 - 15		*	0.7	10.3	7.1	2.9	-	-	-	-	-	-	-	20.9	621
16 - 20		-	*	0.3	1.1	1.1	-	-	-	-	-	-	-	2.6	77
21 - 24		-	-	*	*	0.1	-	-	-	-	-	-	-	0.2	6
25 - 33		-	-	-	0.2	-	-	-	-	-	-	-	-	0.2	5
34 - 47		-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	2
> 48		-	-	-	-	*	*	-	-	-	-	-	-	0.1	2
TOTAL %	5.0	1.8	6.3	44.9	31.7	9.1	0.5	0.0	0.0	0.0	0.0	0.2	0.4	100.0	
TOTAL N	149	54	187	1337	944	271	14	1	1	0	0	5	12		2975

(* < 0.05%)

STATION: 91222

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	5.1	-	-	-	*	-	-	-	-	-	-	-	-	5.1	173
1 - 3		0.5	1.2	1.7	1.5	1.4	0.4	0.1	0.1	0.2	0.1	-	0.1	7.2	245
4 - 6		0.9	5.8	12.3	5.7	1.5	0.6	*	0.1	0.3	0.1	-	0.1	27.3	923
7 - 10		1.1	8.1	21.2	10.0	1.5	0.1	-	-	*	*	-	-	42.1	1426
11 - 15		0.3	2.4	6.4	6.9	0.9	-	-	-	-	-	-	-	16.8	569
16 - 20		0.1	0.2	0.5	0.4	0.1	-	-	-	-	-	-	-	1.2	42
21 - 24		-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	*	*	*	*	-	-	-	0.1	-	-	-	0.2	6

TOTAL %	5.1	2.8	17.7	42.1	24.6	5.4	1.0	0.2	0.2	0.5	0.2	0.0	0.1	100.0	
TOTAL N	172	94	599	1426	833	184	35	6	6	18	7	0	5		3385

(* < 0.05%)

STATION: 91222

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	3.3	0.1	0.1	0.1	0.2	*	*	*	*	*	*	*	*	*	3.8	1513
1 - 3		0.9	1.6	2.8	6.1	3.5	0.9	0.3	0.3	0.4	0.4	0.5	0.4	17.9	7103	
4 - 6		1.4	3.4	8.4	9.1	3.4	0.7	0.2	0.3	0.5	0.4	0.6	0.5	29.0	11531	
7 - 10		0.7	3.1	11.1	12.3	4.9	0.4	0.1	0.4	0.5	0.1	0.1	0.1	33.8	13413	
11 - 15		0.1	0.5	3.1	5.8	2.9	0.1	*	0.3	0.4	0.1	*	*	13.3	5284	
16 - 20		*	*	0.1	0.6	0.6	*	-	0.1	0.2	0.1	*	*	1.7	673	
21 - 24		-	*	*	*	0.1	-	-	*	0.1	*	-	-	0.3	105	
25 - 33		-	-	*	0.1	*	-	-	*	*	*	-	-	0.2	61	
34 - 47		-	-	-	*	-	-	-	*	*	-	-	-	0.0	5	
> 48		*	*	*	*	*	*	-	-	*	-	-	-	0.1	28	
TOTAL %	3.3	3.1	8.8	25.6	34.1	15.3	2.2	0.6	1.4	2.1	1.1	1.2	1.1	100.0		
TOTAL N	1299	1228	3485	10179	13533	6095	863	252	556	849	446	493	438		39716	

(* < 0.05%)

STATION: 91222

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	4.0	*	*	*	0.1	*	-	*	-	-	*	*	-	4.2	401
1 - 3		1.3	2.4	2.4	3.5	2.2	0.5	0.1	0.1	0.3	0.3	0.4	0.4	14.0	1335
4 - 6		3.0	8.1	11.0	5.6	1.7	0.5	0.1	0.1	0.4	0.3	0.6	0.8	32.3	3084
7 - 10		1.5	8.1	16.0	8.6	2.2	0.2	-	0.1	0.1	0.1	*	0.3	37.3	3562
11 - 15		0.1	1.5	4.7	4.3	0.9	-	-	*	0.1	*	-	-	11.6	1108
16 - 20		*	0.1	0.2	0.2	0.1	-	-	-	*	-	-	-	0.6	58
21 - 24		-	*	-	-	-	-	-	-	-	-	-	-	0.0	1
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	*	*	*	*	*	-	-	*	-	-	-	0.1	12
TOTAL %	4.0	6.0	20.2	34.3	22.3	7.2	1.2	0.2	0.4	0.9	0.7	1.1	1.5	100.0	
TOTAL N	383	572	1931	3281	2133	691	114	20	35	86	64	104	147		9561

(* < 0.05%)

STATION: 91222

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	2.5	*	0.1	0.1	0.2	0.1	*	*	*	*	*	*	*	3.0	281
1 - 3		0.6	1.1	2.5	4.5	2.5	0.7	0.2	0.2	0.2	0.2	0.3	0.2	13.2	1221
4 - 6		1.4	3.1	9.3	9.5	3.2	0.7	0.1	0.2	0.2	0.1	0.3	0.4	28.5	2626
7 - 10		0.9	2.8	12.7	15.7	6.4	0.9	0.1	0.1	0.3	-	-	*	39.8	3672
11 - 15		*	0.2	3.1	7.6	3.2	0.2	*	0.1	0.1	-	-	-	14.6	1345
16 - 20		-	-	*	0.4	0.3	*	-	-	-	-	-	-	0.8	71
21 - 24		-	-	-	-	*	-	-	-	-	-	-	-	0.0	1
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	*	-	*	*	-	-	-	-	-	-	-	0.0	4
TOTAL %	2.5	2.9	7.2	27.7	37.9	15.7	2.4	0.5	0.6	0.9	0.3	0.6	0.7	100.0	
TOTAL N	229	267	665	2555	3499	1451	220	42	53	85	32	56	67		9221

(* < 0.05%)

STATION: 91222

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	2.8	0.1	*	0.1	0.1	0.1	*	*	*	*	*	*	-	3.3	351
1 - 3		0.9	1.3	3.0	9.6	6.1	1.6	0.6	0.5	0.6	0.5	0.8	0.5	26.2	2785
4 - 6		0.5	0.8	4.9	12.3	6.0	1.2	0.5	0.7	1.2	0.5	0.8	0.5	29.7	3156
7 - 10		*	0.3	3.7	13.1	6.8	0.5	0.1	1.0	1.2	0.3	0.1	*	27.2	2889
11 - 15		-	-	0.6	5.1	4.0	0.1	*	0.8	0.5	0.1	-	-	11.2	1195
16 - 20		-	-	-	0.6	0.9	*	-	0.2	0.3	-	-	-	2.0	214
21 - 24		-	-	-	*	0.1	-	-	0.1	*	-	-	-	0.3	29
25 - 33		-	-	-	-	-	-	-	0.1	-	-	-	-	0.1	8

34 - 47	-	-	-	-	-	-	-	-	*	*	-	-	-	0.0	2
> 48	*	-	-	*	*	-	-	-	*	*	-	-	-	0.1	7
TOTAL %	2.8	1.6	2.4	12.3	40.7	24.0	3.6	1.3	3.4	3.8	1.4	1.6	1.0	100.0	
TOTAL N	293	165	257	1310	4334	2555	379	140	366	407	151	173	106		10636

(* < 0.05%)

STATION: 91222

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	3.8	0.1	0.1	0.2	0.3	*	0.1	*	*	-	*	*	*	4.7	480
1 - 3		0.9	1.6	3.1	6.1	2.9	0.6	0.3	0.3	0.3	0.3	0.4	0.5	17.1	1762
4 - 6		0.8	2.3	8.7	8.7	2.6	0.6	0.2	0.2	0.2	0.5	0.7	0.4	25.9	2665
7 - 10		0.3	1.7	13.0	11.8	3.9	0.2	*	0.3	0.2	0.2	0.2	0.2	31.9	3290
11 - 15		0.1	0.4	4.3	6.2	3.2	*	-	0.1	1.0	0.3	0.2	0.1	15.9	1636
16 - 20		-	0.1	0.2	1.0	0.8	*	-	*	0.6	0.4	*	*	3.2	330
21 - 24		-	*	*	0.1	0.1	-	-	*	0.2	0.2	-	-	0.7	74
25 - 33		-	-	*	0.2	0.1	-	-	*	0.2	*	-	-	0.5	53
34 - 47		-	-	-	*	-	-	-	-	-	-	-	-	0.0	3
> 48		-	*	-	*	*	*	-	-	-	-	-	-	0.0	5
TOTAL %	3.8	2.2	6.1	29.5	34.6	13.6	1.5	0.5	1.0	2.6	1.9	1.6	1.1	100.0	
TOTAL N	394	224	632	3033	3567	1398	150	50	102	271	199	160	118		10298

(* < 0.05%)

Summary complete: 09-Sep-2003 10:41:12