

TOTAL	734	514	1202	1402	1418	1416	1371	650	643	740	712	743	11545
MAX	28.4	24.3	30.7	23.5	29.5	25.5	29.0	29.0	27.8	24.9	20.6	27.8	30.7
DATE	1994012117	1994020202	1994032820	1994043000	1994052403	1994062416	1994071201	1993080202	1993092022	1993101804	1993111409	1993121421	1994032820
MIN	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
DATE	1994010111	1994022317	1993031617	1994040609	1994051815	1994063018	1994073007	1993083114	1993090216	1993103108	1993112707	1993121509	1994073007

(* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: 91338
 (A) TOTAL STD MET RECORDS READ = 25464
 (B) TOTAL C WIND RECORDS READ = 0
 (C) TOTAL RECORDS USED IN STATS = 25464

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	23349	0	0	0	23321	23237	11545	0	0	0	0	0
(E) ELEMENT OUT OF RANGE	2115	25464	25464	25464	2143	2227	13919	0	25464	25464	25464	25464

STATION: 91338 -- POR (3/1993 - 8/1996)

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
1993	MEAN	-	-	27.1	27.5	27.6	27.2	27.5	27.1	27.3	27.5	28.1	27.7	27.5
	MAXIMUM	-	-	30.3	30.5	30.3	30.1	30.9	30.5	30.7	30.4	30.7	30.6	30.9
	DAY-HR	-	-	20-02	11-04	27-03	21-23	30-02	06-01	26-02	01-00	25-05	05-01	JUL
	MINIMUM	-	-	22.3	24.0	24.0	23.8	23.6	23.5	23.4	22.8	24.0	23.9	22.3
	DAY-HR	-	-	18-14	14-09	04-20	15-12	17-07	18-06	22-20	11-07	02-13	01-20	MAR
	# OBS	-	-	532	694	693	709	728	655	644	743	717	744	6859
1994	MEAN	27.6	27.6	27.8	28.2	27.9	27.9	27.6	27.3	27.7	27.7	28.0	27.8	27.8
	MAXIMUM	30.3	30.5	30.4	31.0	30.8	30.6	31.0	29.6	29.4	29.6	30.4	30.4	31.0
	DAY-HR	27-02	15-02	14-01	24-23	23-02	16-03	27-01	22-05	08-06	27-20	26-04	01-05	JUL
	MINIMUM	22.6	23.4	23.4	24.6	23.5	24.1	23.3	24.0	24.3	22.7	25.0	24.0	22.6
	DAY-HR	17-15	23-17	26-06	02-03	03-01	21-17	05-21	19-07	29-08	31-17	27-05	12-10	JAN
	# OBS	736	513	670	716	734	716	679	231	205	291	311	369	6171
1995	MEAN	27.5	27.5	27.8	27.7	28.3	28.1	27.9	28.3	28.1	28.2	28.6	28.0	28.0
	MAXIMUM	29.6	30.1	30.4	30.4	30.6	31.1	30.6	30.9	31.6	30.9	31.4	31.4	31.6
	DAY-HR	17-05	23-04	30-05	02-02	14-01	27-04	30-04	17-05	20-03	20-04	30-02	13-02	SEP
	MINIMUM	24.5	23.2	24.3	24.3	24.0	24.5	23.7	23.7	24.3	24.0	24.8	24.5	23.2
	DAY-HR	14-18	13-07	19-16	17-09	17-01	28-15	28-14	27-08	30-17	10-08	22-17	28-20	FEB
	# OBS	399	493	573	533	562	496	475	520	561	510	581	557	6260
1996	MEAN	27.8	27.6	28.1	27.7	27.7	27.8	27.8	29.4	-	-	-	-	27.9
	MAXIMUM	30.4	30.4	31.1	30.4	30.9	30.4	30.4	33.7	-	-	-	-	33.7
	DAY-HR	24-02	07-04	10-04	22-01	13-02	15-05	09-00	05-04	-	-	-	-	AUG
	MINIMUM	23.7	23.0	23.7	24.5	23.7	23.5	24.3	24.0	-	-	-	-	23.0
	DAY-HR	16-01	24-18	12-00	18-20	30-16	23-09	31-19	01-19	-	-	-	-	FEB
	# OBS	549	490	566	476	583	489	522	384	-	-	-	-	4059
POR	MEAN	27.6	27.6	27.7	27.8	27.8	27.7	27.7	28.0	27.7	27.8	28.3	27.8	27.8
	MAXIMUM	30.4	30.5	31.1	31.0	30.9	31.1	31.0	33.7	31.6	30.9	31.4	31.4	33.7
	YEAR	1996	1994	1996	1994	1996	1995	1994	1996	1995	1995	1995	1995	AUG/1996
	MINIMUM	22.6	23.0	22.3	24.0	23.5	23.5	23.3	23.5	23.4	22.7	24.0	23.9	22.3
	YEAR	1994	1996	1993	1993	1994	1996	1994	1993	1993	1994	1993	1993	MAR/1993
	# OBS	1684	1496	2341	2419	2572	2410	2404	1790	1410	1544	1609	1670	23349

STATION: 91338 -- POR (3/1993 - 8/1996)

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
1993	MEAN	-	-	1008.5	1008.8	1009.0	1009.2	1008.3	1009.9	1009.5	1009.2	1007.7	1006.6	1008.7
	MAXIMUM	-	-	1012.9	1013.5	1012.4	1012.6	1011.6	1013.2	1013.2	1013.8	1011.5	1009.9	1013.8
	DAY-HR	-	-	18-13	12-23	25-12	17-00	03-00	31-23	06-23	07-23	02-00	13-00	OCT
	MINIMUM	-	-	1003.5	1005.6	1006.4	1005.7	1004.6	1005.2	1005.2	1005.1	1004.4	1002.4	1002.4
	DAY-HR	-	-	13-05	20-05	08-04	04-05	31-18	02-06	22-05	20-04	26-05	09-04	DEC
	# OBS	-	-	531	691	690	706	727	653	645	743	717	744	6847
1994	MEAN	1007.4	1007.4	1008.5	1008.4	1008.3	1008.2	1008.1	1008.8	1009.2	1009.5	1008.5	1007.6	1008.2
	MAXIMUM	1011.9	1012.0	1011.7	1012.2	1012.5	1011.7	1011.7	1014.4	1012.6	1013.4	1012.9	1011.8	1014.4
	DAY-HR	31-00	02-00	02-22	12-23	13-22	19-23	14-12	06-22	26-21	29-21	03-22	24-21	AUG

	MINIMUM	1002.7	1003.8	1004.0	1004.7	1003.0	1005.2	1004.4	1005.2	1004.4	1004.8	1004.5	1002.6	1002.6
	DAY-HR	16-05	25-05	20-05	21-05	09-05	30-05	08-05	19-08	14-05	24-05	30-18	13-06	DEC
	# OBS	736	515	673	716	734	716	669	224	204	289	313	367	6156
1995	MEAN	1008.7	1009.6	1008.9	1008.2	1009.1	1009.5	1009.1	1009.0	1009.6	1008.5	1008.3	1009.0	1009.0
	MAXIMUM	1012.6	1012.8	1013.5	1011.0	1012.6	1012.9	1012.6	1012.6	1012.9	1012.6	1012.2	1012.8	1013.5
	DAY-HR	29-22	07-00	17-00	13-12	17-12	29-12	18-12	11-00	11-12	06-13	10-00	31-13	MAR
	MINIMUM	1005.7	1005.9	1004.2	1004.9	1005.5	1006.3	1005.5	1005.3	1006.3	1004.5	1004.3	1004.5	1004.2
	DAY-HR	14-05	28-16	03-18	07-06	04-06	15-18	05-05	26-05	29-06	31-04	14-04	04-05	MAR
	# OBS	399	493	572	530	560	496	472	520	559	509	582	556	6248
1996	MEAN	1007.3	1007.2	1008.0	1008.8	1009.9	1009.6	1008.6	1010.0	-	-	-	-	1008.6
	MAXIMUM	1012.2	1011.0	1015.9	1013.9	1013.0	1014.5	1012.4	1014.1	-	-	-	-	1015.9
	DAY-HR	01-01	09-12	12-00	13-01	25-00	28-12	31-23	02-13	-	-	-	-	MAR
	MINIMUM	1003.2	1003.4	1004.0	1004.0	1005.9	1004.9	1004.7	1005.3	-	-	-	-	1003.2
	DAY-HR	30-07	15-06	26-06	02-05	04-06	13-05	06-05	18-06	-	-	-	-	JAN
	# OBS	549	491	566	477	585	492	521	389	-	-	-	-	4070
POR	MEAN	1007.7	1008.1	1008.5	1008.6	1009.0	1009.0	1008.5	1009.5	1009.5	1009.0	1008.1	1007.6	1008.6
	MAXIMUM	1012.6	1012.8	1015.9	1013.9	1013.0	1014.5	1012.6	1014.4	1013.2	1013.8	1012.9	1012.8	1015.9
	YEAR	1995	1995	1996	1996	1996	1996	1995	1994	1993	1993	1994	1995	MAR/1996
	MINIMUM	1002.7	1003.4	1003.5	1004.0	1003.0	1004.9	1004.4	1005.2	1004.4	1004.5	1004.3	1002.4	1002.4
	YEAR	1994	1996	1993	1996	1994	1996	1994	1994	1994	1995	1995	1993	DEC/1993
	# OBS	1684	1499	2342	2414	2569	2410	2389	1786	1408	1541	1612	1667	23321

STATION: 91338 -- POR (3/1993 - 8/1996)

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
1993	MEAN	-	-	4.3	5.9	5.0	4.5	4.4	7.4	4.6	7.5	3.5	6.4	5.4
	MAXIMUM	-	-	16.7	20.0	25.3	18.5	21.4	25.1	24.9	22.0	16.5	21.2	25.3
	DAY-HR	-	-	26-09	27-06	27-22	13-13	15-10	04-02	20-22	23-20	13-03	09-15	MAY
	MINIMUM	-	-	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
	DAY-HR	-	-	16-17	20-13	25-14	25-18	28-18	31-14	02-16	31-08	27-07	13-20	NOV
	# OBS	-	-	532	696	695	709	729	656	645	741	712	744	6859
1994	MEAN	7.0	7.1	6.7	5.7	6.3	4.5	5.5	2.7	8.6	5.9	3.4	4.4	5.7
	MAXIMUM	26.0	21.8	25.7	20.8	25.9	22.7	26.2	15.6	23.3	17.5	19.4	15.6	26.2
	DAY-HR	21-17	02-01	28-20	29-03	24-03	24-14	12-01	28-18	12-22	24-05	01-07	14-03	JUL
	MINIMUM	0.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	01-11	23-17	29-18	06-09	18-15	30-18	30-07	29-19	20-20	30-07	30-22	31-04	DEC
	# OBS	736	515	675	716	736	715	676	217	165	332	390	368	6241
1995	MEAN	5.8	5.7	6.5	5.7	4.1	5.5	3.6	4.6	3.8	4.2	5.1	4.4	4.9
	MAXIMUM	17.5	17.5	23.3	15.6	17.5	23.3	15.6	31.1	21.4	19.4	29.2	21.4	31.1
	DAY-HR	04-16	02-13	13-07	09-20	28-11	25-06	31-08	30-18	17-19	27-16	08-08	23-19	AUG
	MINIMUM	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	DAY-HR	18-08	21-07	22-02	30-21	31-09	29-19	31-06	30-17	30-19	31-18	29-20	31-22	DEC
	# OBS	399	491	572	482	556	448	474	517	560	510	508	555	6072
1996	MEAN	5.2	5.8	5.8	5.3	4.2	3.8	3.3	3.2	-	-	-	-	4.6
	MAXIMUM	23.3	15.6	23.3	17.5	19.4	21.4	21.4	15.6	-	-	-	-	23.3
	DAY-HR	23-05	21-15	22-02	21-02	07-20	05-15	07-03	01-19	-	-	-	-	MAR
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	0.0
	DAY-HR	31-19	25-02	31-03	30-23	31-09	30-18	31-23	20-21	-	-	-	-	AUG
	# OBS	550	489	566	476	583	490	521	390	-	-	-	-	4065
POR	MEAN	6.1	6.2	5.9	5.7	5.0	4.6	4.3	5.1	4.7	6.1	4.0	5.3	5.2
	MAXIMUM	26.0	21.8	25.7	20.8	25.9	23.3	26.2	31.1	24.9	22.0	29.2	21.4	31.1
	YEAR	1994	1994	1994	1994	1994	1995	1994	1995	1993	1993	1995	1995	AUG/1995
	MINIMUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	YEAR	1996	1996	1996	1996	1996	1996	1996	1996	1995	1995	1995	1995	AUG/1996
	# OBS	1685	1495	2345	2370	2570	2362	2400	1780	1370	1583	1610	1667	23237

STATION: 91338 -- POR (3/1993 - 7/1994)

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
1993	MEAN	-	-	6.4	8.4	7.3	6.6	6.1	9.5	6.7	10.1	5.0	8.8	7.5
	MAXIMUM	-	-	18.7	22.9	29.0	23.7	25.9	29.0	27.8	24.9	20.6	27.8	29.0

	DAY-HR	-	-	26-09	27-06	27-22	16-16	15-10	02-02	20-22	18-04	14-09	14-21	AUG
	# OBS	-	-	531	688	686	705	723	650	643	740	712	743	6821
1994	MEAN	9.6	9.9	9.5	7.9	8.5	6.1	7.5	-	-	-	-	-	8.4
	MAXIMUM	28.4	24.3	30.7	23.5	29.5	25.5	29.0	-	-	-	-	-	30.7
	DAY-HR	21-17	02-02	28-20	30-00	24-03	24-16	12-01	-	-	-	-	-	MAR
	# OBS	734	514	671	714	732	711	648	-	-	-	-	-	4724
POR	MEAN	9.6	9.9	8.1	8.1	7.9	6.4	6.8	9.5	6.7	10.1	5.0	8.8	7.9
	MAXIMUM	28.4	24.3	30.7	23.5	29.5	25.5	29.0	29.0	27.8	24.9	20.6	27.8	30.7
	YEAR	1994	1994	1994	1994	1994	1994	1994	1993	1993	1993	1993	1993	MAR/1994
	# OBS	734	514	1202	1402	1418	1416	1371	650	643	740	712	743	11545

STATION: 91338

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	4.8	-	-	-	-	-	-	-	-	0.1	-	-	-	4.8	81
1 - 3		2.1	9.2	3.2	0.4	0.1	0.2	0.2	0.1	0.2	0.5	0.1	0.5	16.8	283
4 - 6		1.0	28.3	3.8	2.3	0.6	0.4	0.2	0.1	0.2	0.1	0.1	0.3	37.4	629
7 - 10		0.5	25.2	3.1	2.4	0.7	0.3	0.1	0.1	0.1	-	-	-	32.5	547
11 - 15		0.1	2.2	0.8	2.3	0.5	0.4	0.1	-	-	-	-	-	6.2	105
16 - 20		-	-	0.3	1.1	0.3	0.2	0.2	-	-	-	-	-	2.0	34
21 - 24		-	-	-	-	-	0.1	0.1	-	-	-	-	-	0.2	4
25 - 33		-	-	-	-	0.1	-	-	-	-	-	-	-	0.1	1
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	4.8	3.7	64.9	11.2	8.5	2.2	1.5	0.8	0.2	0.6	0.6	0.2	0.8	100.0	
TOTAL N	80	62	1093	189	143	37	26	14	4	10	10	3	13		1684

(* < 0.05%)

STATION: 91338

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	4.8	-	-	-	-	-	-	-	-	-	-	-	-	4.8	72
1 - 3		1.7	9.5	2.6	0.5	0.3	0.2	0.1	0.1	0.1	0.2	0.4	0.4	16.1	241
4 - 6		0.7	27.3	4.3	1.3	0.9	0.4	0.1	-	0.2	-	-	0.3	35.6	532
7 - 10		0.9	28.4	1.9	2.7	0.3	0.1	0.3	0.1	-	-	-	-	34.8	520
11 - 15		0.1	3.5	1.1	2.3	0.3	0.1	0.1	0.1	-	-	-	-	7.5	112
16 - 20		-	-	0.3	0.6	0.1	0.1	-	-	-	-	-	-	1.1	16
21 - 24		-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	2
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	4.8	3.3	68.6	10.2	7.7	1.9	0.9	0.6	0.3	0.3	0.2	0.4	0.7	100.0	
TOTAL N	72	50	1026	152	115	29	14	9	4	5	3	6	10		1495

(* < 0.05%)

STATION: 91338

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	2.0	0.2	0.1	*	-	-	*	-	-	0.1	-	-	0.2	2.7	63
1 - 3		2.3	10.1	2.3	0.8	0.3	0.3	0.3	0.2	1.2	0.9	1.2	1.5	21.4	502
4 - 6		1.2	29.8	3.7	1.0	0.6	0.3	0.3	0.1	0.3	*	*	0.2	37.6	881
7 - 10		1.2	24.8	2.0	1.9	0.9	0.1	0.3	0.1	0.2	-	-	-	31.4	736
11 - 15		*	2.6	0.8	1.4	0.3	0.3	-	-	0.1	-	-	-	5.7	134
16 - 20		-	*	0.2	0.6	0.1	*	*	-	-	-	-	-	1.1	25
21 - 24		-	-	-	*	-	*	-	-	-	-	-	-	0.1	3
25 - 33		-	-	-	-	*	-	-	-	-	-	-	-	0.0	1
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.0	4.9	67.5	9.1	5.8	2.2	1.2	1.0	0.4	1.9	0.9	1.2	1.9	100.0	
TOTAL N	48	116	1583	213	136	51	27	23	9	45	21	28	45		2345

(* < 0.05%)

STATION: 91338

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	2.4	0.2	-	*	0.1	*	-	0.1	*	*	*	-	0.2	3.1	74
1 - 3		2.1	11.0	4.8	0.8	0.4	0.3	0.4	0.8	1.0	1.2	0.8	0.9	24.5	580
4 - 6		2.3	24.5	4.7	2.4	1.6	1.0	0.5	0.8	0.5	0.2	*	0.3	38.9	922
7 - 10		0.9	12.5	3.4	3.3	1.6	0.8	0.5	0.1	0.3	-	-	-	23.6	558
11 - 15		-	1.4	2.3	3.1	1.1	0.4	0.1	0.1	*	-	-	-	8.5	202
16 - 20		-	-	0.1	0.7	0.2	0.2	0.1	-	-	-	-	-	1.3	31
21 - 24		-	-	-	*	-	-	-	-	-	-	-	-	0.0	1
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	2.4	5.5	49.5	15.4	10.5	5.0	2.7	1.7	1.9	1.9	1.4	0.9	1.4	100.0	
TOTAL N	56	131	1172	364	249	118	63	41	44	44	33	21	32		2368

(* < 0.05%)

STATION: 91338

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	8.3	0.2	0.2	0.1	-	0.1	-	*	-	0.2	0.1	-	*	9.2	235
1 - 3		3.2	12.4	4.4	1.9	1.1	0.7	0.4	0.7	1.6	1.5	1.4	1.4	30.6	785
4 - 6		1.6	16.5	4.4	4.4	1.8	1.2	0.6	0.9	1.0	0.4	-	*	32.9	844
7 - 10		0.4	8.1	2.9	3.9	1.7	0.8	0.4	0.1	0.5	*	-	-	18.9	486
11 - 15		-	0.7	1.2	2.3	0.7	0.4	0.3	*	-	-	-	-	5.8	148
16 - 20		-	-	0.5	0.9	0.7	0.4	*	*	-	-	-	-	2.6	66
21 - 24		-	-	-	*	*	-	-	-	-	-	-	-	0.1	2
25 - 33		-	-	*	*	-	-	-	-	-	-	-	-	0.1	2
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	8.3	5.3	38.0	13.6	13.6	6.1	3.6	1.8	1.8	3.2	2.0	1.4	1.4	100.0	
TOTAL N	214	135	975	350	349	156	92	45	45	83	52	35	37		2568

(* < 0.05%)

STATION: 91338

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	5.8	0.3	0.1	*	-	0.1	-	-	0.2	0.1	0.1	-	*	6.8	160
1 - 3		3.1	12.7	4.6	2.0	1.4	1.1	1.4	1.7	4.1	3.5	1.7	1.6	39.0	922
4 - 6		0.8	15.9	4.7	3.0	1.9	1.5	1.4	1.3	1.8	0.2	0.1	0.2	32.8	775
7 - 10		0.1	4.4	1.1	3.0	1.8	1.6	1.0	0.6	0.6	-	-	-	14.1	334
11 - 15		-	0.3	0.5	1.5	1.3	1.3	0.8	0.1	0.1	-	-	-	6.0	141
16 - 20		-	-	0.1	0.3	0.4	0.1	0.1	-	*	-	-	-	1.0	24
21 - 24		-	-	-	0.1	-	-	0.2	-	-	-	-	-	0.3	6
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	5.8	4.3	33.4	11.0	9.9	6.9	5.6	4.8	3.9	6.7	3.8	1.8	1.9	100.0	
TOTAL N	138	102	790	260	234	164	133	114	92	159	90	42	44		2362

(* < 0.05%)

STATION: 91338

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	10.3	0.5	0.2	-	*	*	-	0.1	*	0.1	0.3	-	0.1	11.6	279
1 - 3		3.5	8.7	3.8	1.6	1.7	1.5	2.0	2.5	6.1	3.6	2.2	1.8	39.1	936
4 - 6		0.6	8.5	2.2	3.9	2.4	2.5	2.3	3.0	3.3	0.3	*	0.5	29.7	711
7 - 10		-	1.0	0.6	2.0	1.4	1.5	1.7	1.6	1.6	-	*	*	11.5	275
11 - 15		-	0.1	0.4	0.6	0.6	1.3	1.8	0.5	0.4	-	-	-	5.6	135
16 - 20		-	*	*	0.2	0.1	0.3	1.3	0.1	-	-	-	-	2.1	50
21 - 24		-	-	-	-	*	-	0.3	-	-	-	-	-	0.3	8
25 - 33		-	-	-	-	-	*	-	-	-	-	-	-	0.0	1
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	10.3	4.6	18.5	7.1	8.4	6.3	7.2	9.4	7.8	11.4	4.3	2.3	2.5	100.0	
TOTAL N	246	111	444	169	200	150	172	225	186	274	102	55	61		2395

(* < 0.05%)

34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	4.4	5.2	51.2	12.7	10.1	4.5	2.5	1.5	1.3	2.4	1.5	1.2	1.6	100.0		
TOTAL N	318	382	3730	927	734	325	182	109	98	172	106	84	114		7281	

(* < 0.05%)

STATION: 91338

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	9.3	0.3	0.1	*	*	*	*	*	0.1	0.1	0.2	-	0.1	10.4	678	
1 - 3		3.2	9.7	3.6	1.7	1.3	1.2	1.7	2.3	5.2	3.9	1.7	1.6	37.2	2430	
4 - 6		0.6	10.6	3.0	3.5	2.2	2.0	2.2	2.6	2.8	0.3	0.1	0.3	30.2	1977	
7 - 10		*	2.1	0.7	2.4	1.6	1.8	1.8	1.3	1.1	*	*	*	12.9	845	
11 - 15		-	0.2	0.3	0.9	0.9	1.7	1.8	0.5	0.2	-	-	-	6.4	421	
16 - 20		-	*	*	0.2	0.3	0.6	1.0	*	*	-	-	-	2.2	146	
21 - 24		-	-	-	*	*	*	0.4	-	-	-	-	-	0.6	36	
25 - 33		-	-	-	*	-	*	*	-	-	-	-	-	0.0	3	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	9.3	4.1	22.7	7.6	8.8	6.5	7.4	9.0	6.8	9.5	4.4	1.8	2.1	100.0		
TOTAL N	611	270	1483	497	576	424	482	588	447	619	286	118	135		6536	

(* < 0.05%)

STATION: 91338

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	7.3	0.1	0.1	*	*	-	-	*	*	*	-	*	*	7.6	347	
1 - 3		2.4	6.6	2.6	1.0	0.7	0.9	1.4	2.5	7.3	5.4	2.0	2.3	35.1	1593	
4 - 6		0.6	7.2	2.0	2.4	2.0	2.1	2.6	5.7	6.3	0.7	0.3	0.4	32.3	1467	
7 - 10		0.1	0.8	0.4	3.0	2.0	2.2	2.0	1.8	2.4	*	-	-	14.7	668	
11 - 15		0.1	0.5	0.2	1.0	0.7	0.7	1.9	1.0	0.5	-	-	-	6.6	301	
16 - 20		*	0.2	*	0.2	0.2	0.3	1.7	0.6	*	-	-	-	3.2	147	
21 - 24		-	-	-	*	*	*	*	0.1	-	-	-	-	0.3	12	
25 - 33		-	-	-	*	*	-	*	-	-	-	-	-	0.1	4	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	7.3	3.3	15.4	5.3	7.7	5.6	6.2	9.7	11.8	16.6	6.2	2.4	2.7	100.0		
TOTAL N	330	148	697	240	351	254	280	441	537	752	281	107	121		4539	

(* < 0.05%)

Summary complete: 09-Sep-2003 10:46:48