

ELEMENT: AVERAGE WIND SPEED (KNOTS) -- POR: (9/1990 - 5/1997) (54022 RECORDS, 98.7% HAVE ELEMENT)

Table with columns for months (JAN-DEC) and ANN, each with F and CPF sub-columns. Rows include individual observations and summary statistics like MEAN, S.D., TOTAL, and MAX.

STATION: 91355

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

(HIGHEST 5-SECOND AVERAGE DURING 2 OR 8-MINUTE PERIOD PRIOR TO OBSERVATION TIME)

ELEMENT: PEAK WIND GUST (KNOTS) -- POR: (9/1990 - 5/1997) (53491 RECORDS, 97.7% HAVE ELEMENT)

Table with columns for months (JAN-DEC) and ANN, each with F and CPF sub-columns. Rows include individual observations and summary statistics like MEAN, S.D., TOTAL, and MAX.

	# OBS	737	686	730	711	730	711	734	720	703	738	700	738	8638
1993	MEAN	27.0	26.8	26.6	27.0	26.9	26.8	26.7	26.7	26.8	27.4	27.1	27.3	26.9
	MAXIMUM	29.3	29.3	29.8	30.2	30.0	30.2	30.0	30.2	31.5	30.9	30.4	30.2	31.5
	DAY-HR	09-01	26-23	23-01	20-01	03-03	01-00	01-23	07-23	07-01	21-01	18-01	16-03	SEP
	MINIMUM	23.4	21.8	23.5	23.8	23.6	23.8	23.6	23.1	23.2	23.9	23.9	22.6	21.8
	DAY-HR	27-16	28-01	25-15	15-21	16-00	25-19	21-02	31-22	01-00	12-17	21-19	20-19	FEB
	# OBS	732	624	691	695	731	707	730	654	649	740	717	739	8409
1994	MEAN	27.6	27.4	27.4	27.2	27.2	27.1	26.9	26.8	27.2	27.4	27.6	27.2	27.3
	MAXIMUM	30.3	30.7	30.3	30.0	30.3	32.2	30.6	29.9	29.9	30.0	30.4	30.2	32.2
	DAY-HR	31-03	28-22	31-01	26-01	25-02	24-03	03-01	23-05	23-05	25-01	30-23	02-03	JUN
	MINIMUM	23.3	22.8	24.1	23.9	23.6	23.9	23.4	23.5	23.7	23.7	22.4	23.9	22.4
	DAY-HR	12-05	03-23	16-14	21-17	15-13	15-17	21-15	19-19	02-19	10-22	03-19	29-18	NOV
	# OBS	736	511	679	714	738	716	676	210	200	737	713	742	7372
1995	MEAN	27.3	27.4	27.4	27.3	27.5	27.3	26.7	27.4	27.5	27.3	27.1	27.5	27.3
	MAXIMUM	29.6	31.2	30.7	30.0	32.5	30.4	30.4	30.9	31.7	30.7	30.5	32.4	32.5
	DAY-HR	12-00	20-03	31-03	02-01	04-03	22-03	03-03	29-02	04-03	02-03	10-03	21-04	MAY
	MINIMUM	23.8	24.1	24.3	23.9	23.8	23.6	23.8	23.2	23.8	23.4	24.1	23.3	22.4
	DAY-HR	31-17	04-01	02-06	17-17	26-00	26-13	18-04	02-15	22-17	04-19	22-14	24-21	JUL
	# OBS	738	665	739	713	742	715	736	739	714	740	713	742	8696
1996	MEAN	27.4	27.4	27.8	27.1	27.1	26.9	27.1	26.8	27.3	27.5	27.1	27.5	27.2
	MAXIMUM	31.0	30.1	31.9	29.9	29.8	30.3	30.8	30.8	30.8	30.8	30.5	31.0	31.9
	DAY-HR	29-04	06-00	04-04	30-04	21-04	12-04	06-04	28-04	30-03	25-00	24-02	02-01	MAR
	MINIMUM	23.8	23.9	24.1	23.6	23.9	23.0	23.8	23.2	23.5	23.4	22.8	24.2	22.8
	DAY-HR	27-04	10-15	25-21	29-09	18-17	03-22	19-23	11-10	02-17	21-18	26-20	02-18	NOV
	# OBS	713	692	741	736	739	716	814	790	718	734	695	743	8831
1997	MEAN	27.6	27.7	28.0	27.1	27.6	-	-	-	-	-	-	-	27.6
	MAXIMUM	31.3	30.5	31.8	30.6	33.1	-	-	-	-	-	-	-	33.1
	DAY-HR	08-05	10-04	26-04	02-04	21-04	-	-	-	-	-	-	-	MAY
	MINIMUM	23.4	24.0	23.7	22.8	23.9	-	-	-	-	-	-	-	22.8
	DAY-HR	14-04	28-20	31-10	17-00	21-19	-	-	-	-	-	-	-	APR
	# OBS	739	658	742	713	635	-	-	-	-	-	-	-	3487
POR	MEAN	27.3	27.4	27.4	27.2	27.2	27.2	26.8	27.0	27.2	27.2	27.2	27.4	27.2
	MAXIMUM	31.3	31.2	31.9	30.6	33.1	32.2	30.8	30.9	31.7	31.2	31.1	32.4	33.1
	YEAR	1997	1995	1996	1997	1997	1996	1995	1995	1990	1990	1990	1995	MAY/1997
	MINIMUM	22.7	21.8	23.5	22.8	23.6	23.0	22.4	23.1	23.2	23.2	22.4	22.6	21.8
	YEAR	1992	1993	1993	1997	1994	1996	1995	1993	1993	1992	1994	1993	FEB/1993
	# OBS	5135	4506	5065	4447	4315	3565	3740	3113	3730	5126	4968	5050	52760

STATION: 91355 -- POR (9/1990 - 5/1997)

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	-	-	-	-	-	-	-	-	1009.0	1009.0	1006.2	1007.2	1007.8
	MAXIMUM	-	-	-	-	-	-	-	-	1011.9	1012.9	1011.1	1011.5	1012.9
	DAY-HR	-	-	-	-	-	-	-	-	21-11	08-22	01-11	05-22	OCT
	MINIMUM	-	-	-	-	-	-	-	-	1004.9	1004.7	1001.5	997.4	997.4
	DAY-HR	-	-	-	-	-	-	-	-	12-04	12-04	24-04	15-17	DEC
	# OBS	-	-	-	-	-	-	-	-	680	741	718	741	2880
1991	MEAN	1008.2	1008.7	1008.2	1010.3	-	-	1009.3	1009.1	1009.3	1008.5	1007.9	1007.9	1008.6
	MAXIMUM	1013.5	1013.6	1013.4	1013.6	-	-	1013.0	1011.9	1013.6	1012.8	1012.0	1012.2	1013.6
	DAY-HR	17-00	27-22	28-22	01-23	-	-	23-11	20-11	30-23	07-12	16-22	03-22	SEP
	MINIMUM	1004.5	1005.1	1003.0	1007.1	-	-	1006.4	1005.2	1005.6	1004.0	998.5	1004.3	998.5
	DAY-HR	27-05	22-05	20-05	04-05	-	-	21-06	12-05	24-03	24-04	24-07	31-04	NOV
	# OBS	740	670	741	161	-	-	486	722	707	696	712	605	6240
1992	MEAN	1009.5	1009.8	1010.3	1009.3	1008.7	1008.0	1009.1	1009.1	1008.5	1007.7	1008.0	1007.5	1008.8
	MAXIMUM	1015.4	1013.7	1014.4	1013.2	1012.8	1013.5	1013.4	1012.5	1012.2	1011.4	1013.3	1011.2	1015.4
	DAY-HR	24-22	01-11	19-12	14-22	27-23	11-07	01-12	14-10	13-21	22-22	28-10	02-10	JAN
	MINIMUM	993.8	1006.4	1006.2	1004.7	1004.7	1004.9	1005.0	1005.6	1004.7	1004.3	1002.1	1004.1	993.8
	DAY-HR	08-21	07-05	03-05	04-05	06-05	22-06	12-04	27-04	11-05	29-03	19-16	23-04	JAN
	# OBS	739	686	728	709	729	711	733	718	701	738	703	740	8635
1993	MEAN	1008.4	1008.7	1008.4	1008.8	1009.2	1009.0	1008.3	1010.0	1009.5	1009.0	1007.8	1006.8	1008.6
	MAXIMUM	1012.6	1014.6	1013.4	1012.8	1014.2	1011.9	1011.4	1014.5	1013.2	1013.2	1011.4	1010.6	1014.6
	DAY-HR	29-22	27-23	21-10	12-21	04-11	27-11	16-21	31-22	01-00	07-22	03-21	20-21	FEB
	MINIMUM	1004.6	1005.2	998.8	1004.3	1006.3	1004.9	1004.3	1004.8	1005.2	1004.4	1004.6	1003.2	998.8
	DAY-HR	25-03	19-16	12-04	29-05	31-04	02-04	29-04	03-03	30-03	18-04	16-03	07-03	MAR
	# OBS	733	623	691	694	730	707	729	653	649	740	717	739	8405
1994	MEAN	1007.2	1007.4	1008.3	1008.3	1008.4	1008.1	1007.9	1010.0	1010.4	1009.0	1007.7	1006.8	1008.0

	DAY-HR	01-19	15-16	02-09	05-19	28-13	18-20	27-05	13-20	19-01	28-07	17-04	15-12	DEC
	# OBS	738	665	739	713	742	716	736	739	715	740	714	742	8699
1996	MEAN	7.0	8.2	8.1	6.5	6.1	5.5	5.3	5.1	5.1	5.4	5.4	5.3	6.1
	MAXIMUM	20.8	25.1	22.9	18.7	21.4	22.9	15.4	16.7	18.5	20.6	20.6	20.0	25.1
	DAY-HR	27-10	25-22	04-04	07-06	23-00	01-07	12-04	25-01	19-18	01-03	27-01	25-10	FEB
	MINIMUM	0.2	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
	DAY-HR	12-21	18-05	31-20	17-16	20-15	28-22	03-22	17-23	04-19	30-21	01-22	01-20	NOV
	# OBS	713	692	741	736	740	717	814	790	718	734	695	743	8833
1997	MEAN	6.3	8.3	7.2	7.2	8.5	-	-	-	-	-	-	-	7.3
	MAXIMUM	21.0	27.4	21.0	24.1	17.1	-	-	-	-	-	-	-	27.4
	DAY-HR	29-03	11-22	14-04	07-11	03-02	-	-	-	-	-	-	-	FEB
	MINIMUM	0.0	1.2	0.0	0.0	0.0	-	-	-	-	-	-	-	0.0
	DAY-HR	19-22	23-16	13-21	26-07	01-16	-	-	-	-	-	-	-	MAY
	# OBS	739	658	742	712	90	-	-	-	-	-	-	-	2941
POR	MEAN	8.7	9.2	8.9	7.7	6.5	5.8	5.1	5.5	6.0	6.1	6.5	7.3	7.0
	MAXIMUM	39.9	27.4	27.2	24.1	23.1	22.9	23.3	30.9	29.2	33.2	33.4	37.9	39.9
	YEAR	1992	1997	1993	1997	1993	1996	1994	1993	1994	1994	1991	1994	JAN/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	1994	1997	1997	1997	1996	1996	1996	1996	1996	1996	1995	MAY/1997
	# OBS	5141	4512	5069	4453	3774	3568	4173	3841	4339	5128	4972	5052	54022

STATION: 91355 -- POR (9/1990 - 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
1990	MEAN	-	-	-	-	-	-	-	-	6.4	5.7	9.4	9.4	7.7
	MAXIMUM	-	-	-	-	-	-	-	-	25.3	25.3	32.1	35.8	35.8
	DAY-HR	-	-	-	-	-	-	-	-	07-06	10-12	11-20	15-15	DEC
	# OBS	-	-	-	-	-	-	-	-	677	741	718	741	2877
1991	MEAN	13.1	12.0	10.1	7.4	-	-	6.3	7.1	8.8	6.5	9.5	9.2	9.2
	MAXIMUM	27.8	24.1	29.4	24.3	-	-	22.6	24.7	27.4	21.6	39.1	24.3	39.1
	DAY-HR	21-09	24-21	20-08	01-03	-	-	22-13	13-09	25-02	31-05	24-14	22-20	NOV
	# OBS	740	670	741	154	-	-	482	719	705	694	711	605	6221
1992	MEAN	13.0	14.5	15.8	11.9	10.1	8.9	6.0	6.5	8.5	7.3	9.4	11.9	10.3
	MAXIMUM	50.0	27.4	27.4	22.4	32.7	23.5	27.2	26.6	28.4	27.0	26.0	26.0	50.0
	DAY-HR	08-21	01-08	27-01	01-00	02-20	15-21	19-18	08-15	23-02	30-02	21-04	20-19	JAN
	# OBS	739	685	727	707	725	709	730	716	700	737	700	739	8614
1993	MEAN	13.2	11.5	11.4	11.7	8.2	7.6	6.2	8.5	6.4	9.5	5.9	10.0	9.2
	MAXIMUM	29.7	25.9	33.2	26.6	29.4	24.3	21.8	34.4	22.2	32.7	21.0	27.2	34.4
	DAY-HR	25-22	28-15	09-20	24-18	08-14	25-15	22-07	17-10	29-19	17-19	15-14	17-01	AUG
	# OBS	734	623	691	690	727	705	725	654	645	739	716	739	8388
1994	MEAN	11.9	10.9	11.5	8.6	8.2	6.5	6.9	-	-	9.5	8.0	9.4	9.1
	MAXIMUM	27.8	24.7	28.2	22.6	27.2	20.6	26.8	-	-	37.7	24.5	43.9	43.9
	DAY-HR	23-09	10-22	25-10	20-08	07-13	06-03	18-02	-	-	13-16	01-00	19-12	DEC
	# OBS	737	511	677	715	735	716	648	-	-	733	712	742	6926
1995	MEAN	10.6	12.0	12.7	10.6	8.0	8.2	6.3	6.9	7.0	6.6	7.2	8.0	8.6
	MAXIMUM	24.9	34.4	33.2	26.8	27.0	28.2	30.7	27.6	20.2	26.8	23.1	29.5	34.4
	DAY-HR	17-12	27-23	24-04	22-16	05-14	03-03	27-20	30-02	26-08	25-18	14-17	25-03	FEB
	# OBS	737	665	739	712	742	716	736	739	714	740	714	742	8696
1996	MEAN	9.3	10.8	11.0	8.9	8.3	7.2	6.9	6.4	6.5	7.0	6.8	6.7	8.0
	MAXIMUM	27.2	38.3	31.9	27.6	28.4	28.2	23.1	21.6	20.6	24.1	23.1	24.1	38.3
	DAY-HR	29-04	08-20	04-04	03-22	11-21	12-04	12-04	23-22	19-18	21-21	27-01	25-10	FEB
	# OBS	713	692	741	735	740	716	814	790	716	734	695	743	8829
1997	MEAN	8.1	11.3	9.0	8.9	10.5	-	-	-	-	-	-	-	9.3
	MAXIMUM	28.2	33.2	23.3	27.2	19.8	-	-	-	-	-	-	-	33.2
	DAY-HR	31-23	11-22	04-00	09-10	03-02	-	-	-	-	-	-	-	FEB
	# OBS	739	657	742	712	90	-	-	-	-	-	-	-	2940
POR	MEAN	11.3	11.9	11.6	10.0	8.6	7.7	6.4	7.0	7.3	7.4	8.0	9.2	9.0
	MAXIMUM	50.0	38.3	33.2	27.6	32.7	28.2	30.7	34.4	28.4	37.7	39.1	43.9	50.0
	YEAR	1992	1996	1995	1996	1992	1996	1995	1993	1992	1994	1991	1994	JAN/1992
	# OBS	5139	4503	5058	4425	3759	3562	4135	3618	4157	5118	4966	5051	53491

STATION: 91355

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	0.0	-	*	-	-	0.1	-	*	-	-	-	*	-	0.2	10
1 - 3		0.2	0.5	2.3	4.8	2.1	0.6	0.2	0.2	*	0.1	0.2	0.1	11.2	576
4 - 6		0.4	1.6	12.5	8.2	3.2	0.4	0.2	0.2	0.1	0.1	0.1	0.2	27.3	1404
7 - 10		1.0	6.3	15.5	5.4	0.7	0.2	*	0.1	*	*	*	0.1	29.4	1511
11 - 15		2.5	13.9	4.7	1.2	0.1	*	*	*	*	*	-	0.1	22.5	1158
16 - 20		1.4	6.3	0.3	0.1	*	-	*	-	-	*	-	0.1	8.2	422
21 - 24		0.1	0.4	-	*	-	-	-	*	-	0.1	*	0.1	0.8	41
25 - 33		-	0.1	-	-	-	-	-	*	*	*	-	0.1	0.3	14
34 - 47		-	-	-	-	-	-	-	-	0.1	*	-	-	0.1	5
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	5.5	29.0	35.3	19.7	6.2	1.2	0.5	0.6	0.3	0.4	0.4	0.8	100.0	
TOTAL N	2	285	1493	1813	1015	320	60	25	31	15	23	18	41		5141

(* < 0.05%)

STATION: 91355

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	0.0	-	-	-	-	-	*	-	-	*	-	-	-	0.1	5
1 - 3		0.2	0.7	1.9	4.3	2.1	0.3	0.1	0.1	*	*	0.1	0.1	9.9	448
4 - 6		0.2	1.0	13.3	6.1	2.9	0.2	0.2	0.1	0.1	0.1	0.1	0.2	24.6	1108
7 - 10		0.7	5.0	16.2	5.4	0.7	0.2	0.1	0.1	*	-	*	0.2	28.7	1297
11 - 15		0.9	18.1	5.1	1.0	0.1	0.1	0.1	0.1	-	-	-	0.1	25.5	1150
16 - 20		0.2	9.9	0.2	*	-	-	*	-	-	-	-	-	10.4	470
21 - 24		*	0.6	*	-	-	-	-	-	-	-	-	-	0.7	31
25 - 33		-	0.1	-	-	-	-	-	-	-	-	-	-	0.1	3
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.0	2.3	35.3	36.7	16.8	5.8	0.8	0.5	0.5	0.2	0.1	0.2	0.6	100.0	
TOTAL N	2	104	1594	1656	756	263	37	24	23	10	6	9	28		4512

(* < 0.05%)

STATION: 91355

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	*	*	*	-	-	-	-	-	-	-	-	0.2	9
1 - 3		0.2	0.5	1.8	4.5	2.4	0.5	0.2	0.1	0.1	-	0.2	0.1	10.5	533
4 - 6		0.3	1.5	10.1	8.1	3.5	0.4	0.4	0.1	0.1	0.1	0.1	0.2	25.1	1270
7 - 10		1.0	5.3	15.6	5.9	1.1	0.4	0.7	0.2	0.2	0.2	0.1	0.2	31.0	1569
11 - 15		1.1	14.3	4.8	1.7	0.5	0.2	0.3	0.1	0.2	0.1	0.1	0.2	23.5	1192
16 - 20		0.4	7.6	0.3	0.2	*	*	*	0.1	*	0.1	0.2	0.1	8.9	452
21 - 24		*	0.5	-	-	-	-	-	*	*	*	*	0.1	0.7	36
25 - 33		-	*	-	-	-	-	*	-	-	*	*	*	0.2	8
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	3.1	29.7	32.6	20.5	7.4	1.5	1.6	0.6	0.7	0.5	0.6	0.9	100.0	
TOTAL N	3	159	1506	1654	1038	377	77	82	31	35	27	32	48		5069

(* < 0.05%)

STATION: 91355

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	*	-	*	-	-	*	*	-	0.5	23
1 - 3		*	0.7	3.0	6.1	2.9	0.8	0.2	0.3	0.2	0.2	0.4	0.7	15.5	690
4 - 6		0.3	1.3	11.5	9.7	4.3	0.6	0.5	0.2	0.4	0.2	0.3	0.4	29.7	1321
7 - 10		1.3	5.5	12.8	6.2	0.9	0.5	0.7	0.4	1.1	0.5	0.4	0.4	30.7	1369
11 - 15		0.7	11.4	2.7	1.2	0.2	0.1	0.3	0.7	0.7	0.3	0.2	0.2	18.7	831
16 - 20		0.2	3.7	0.1	0.1	-	-	*	0.2	0.2	*	-	*	4.6	206
21 - 24		*	0.1	-	-	-	-	-	0.1	0.1	-	-	-	0.3	13
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.3	2.5	22.7	30.1	23.4	8.3	1.9	1.8	2.0	2.6	1.2	1.4	1.7	100.0	
TOTAL N	12	113	1012	1340	1043	369	86	78	87	118	55	63	77		4453

(* < 0.05%)

TOTAL %	0.2	4.7	5.7	5.9	26.0	23.4	5.0	6.5	6.7	6.4	3.3	2.9	3.3	100.0	
TOTAL N	8	180	220	225	1000	897	193	251	256	247	125	111	127		3840

(* < 0.05%)

STATION: 91355

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	0.2	*	-	*	*	*	*	*	*	*	*	*	*	*	0.6	25
1 - 3		0.6	0.6	1.6	8.0	7.7	1.7	0.9	0.6	0.7	0.7	0.7	0.8	24.6	1067	
4 - 6		1.4	0.8	1.8	12.8	12.5	2.5	2.5	1.3	2.5	1.7	1.6	1.6	43.1	1868	
7 - 10		1.8	2.7	0.6	1.5	1.0	1.4	2.5	2.5	2.3	1.4	0.9	1.6	20.2	878	
11 - 15		0.8	1.2	0.1	0.1	0.1	0.2	0.8	2.0	1.9	0.5	0.3	0.4	8.3	360	
16 - 20		0.1	*	-	*	-	-	0.1	1.2	0.8	0.1	0.1	0.1	2.5	107	
21 - 24		-	-	-	-	-	-	*	0.4	0.2	-	-	-	0.6	26	
25 - 33		-	-	-	-	-	-	-	0.1	*	-	-	-	0.1	6	
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.2	4.8	5.3	4.2	22.5	21.4	5.8	6.7	8.2	8.5	4.3	3.6	4.5	100.0		
TOTAL N	10	209	230	183	975	927	250	291	356	368	187	155	196		4337	

(* < 0.05%)

STATION: 91355

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

Month: OCT

WIND SPEED	CALM	WIND DIRECTION												TOT %	TOT N
		35-01	02-04	05-07	08-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34		
0	0.2	0.1	-	*	*	*	*	*	-	0.1	*	-	-	0.5	24
1 - 3		0.6	0.7	2.5	9.1	7.8	2.0	0.7	0.8	0.6	0.4	0.5	0.5	26.3	1347
4 - 6		1.3	1.1	2.4	12.4	11.3	2.7	2.7	1.2	1.6	1.4	1.6	1.2	40.9	2097
7 - 10		1.7	2.8	0.8	1.5	0.7	1.1	3.1	1.7	3.1	1.4	1.1	1.1	20.1	1029
11 - 15		0.4	1.1	0.1	0.3	0.1	0.3	0.6	1.8	2.0	0.7	0.6	0.7	8.5	437
16 - 20		*	*	-	0.1	-	0.1	0.2	1.3	1.0	0.2	0.1	0.2	3.2	163
21 - 24		*	-	-	-	-	-	*	0.3	0.1	*	*	-	0.5	25
25 - 33		-	-	-	-	-	-	-	0.1	*	-	-	-	0.1	6
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	4.0	5.8	5.7	23.3	20.0	6.3	7.3	7.0	8.6	4.2	4.0	3.7	100.0	
TOTAL N	9	206	296	292	1197	1025	321	373	361	441	215	204	188		5128

(* < 0.05%)

STATION: 91355

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	0.1	*	0.1	*	*	-	*	*	-	*	-	-	*	0.4	19
1 - 3		0.5	0.8	2.5	8.2	6.3	1.8	0.9	0.8	0.5	0.8	0.8	0.6	24.4	1212
4 - 6		1.4	1.7	2.9	11.1	10.0	1.9	2.0	1.3	1.5	1.5	1.4	1.6	38.2	1901
7 - 10		2.3	2.8	1.1	1.7	0.9	1.1	1.4	1.9	2.5	2.4	1.2	1.5	20.9	1039
11 - 15		1.3	1.8	0.2	0.2	0.2	0.4	0.5	1.9	2.3	1.5	0.5	0.5	11.3	563
16 - 20		0.4	0.2	-	-	*	0.2	0.2	1.6	0.8	0.2	0.1	0.2	3.9	194
21 - 24		-	*	-	-	-	0.1	*	0.3	*	0.1	-	-	0.6	30
25 - 33		-	-	-	-	-	*	0.1	0.1	0.1	-	-	*	0.3	14
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	5.9	7.4	6.6	21.2	17.4	5.5	5.3	7.8	7.7	6.5	4.0	4.5	100.0	
TOTAL N	7	295	366	330	1055	865	274	262	390	384	324	197	223		4972

(* < 0.05%)

STATION: 91355

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	11
1 - 3		0.4	0.8	3.3	8.2	4.7	1.0	0.5	0.2	0.4	0.4	0.3	0.3	20.5	1037
4 - 6		1.3	2.2	9.1	9.6	7.3	0.8	0.6	0.4	0.6	0.5	0.6	0.8	33.7	1704
7 - 10		2.2	7.6	7.1	3.6	1.0	0.4	0.7	0.5	1.0	0.5	0.2	0.3	25.0	1263
11 - 15		2.2	8.9	1.5	0.5	0.1	0.2	0.2	0.4	0.4	*	*	0.1	14.7	741
16 - 20		0.7	2.9	*	*	-	*	0.1	0.2	0.2	*	*	0.1	4.4	223

21 - 24	*	0.3	-	-	-	-	-	0.2	0.1	0.1	-	-	*	0.7	33
25 - 33	-	-	-	-	-	-	*	0.1	0.5	0.1	-	-	-	0.7	33
34 - 47	-	-	-	-	-	-	-	-	0.1	-	-	-	-	0.1	7
> 48	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	6.8	22.6	21.1	21.9	13.2	2.5	2.2	2.5	2.8	1.3	1.2	1.7	100.0	
TOTAL N	4	345	1144	1066	1107	669	127	113	126	139	68	60	84		5052

(* < 0.05%)

STATION: 91355

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

All Months: Annual

		WIND DIRECTION												TOT %	TOT N
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		
0	0.1	*	*	*	*	*	*	*	*	*	*	*	*	0.3	189
1 - 3		0.4	0.7	2.5	7.6	5.1	1.2	0.5	0.5	0.4	0.4	0.5	0.5	20.2	10923
4 - 6		0.9	1.5	7.6	11.1	8.2	1.3	1.2	0.7	0.9	0.7	0.8	0.9	35.7	19265
7 - 10		1.5	4.6	7.9	3.9	0.9	0.6	1.1	0.9	1.2	0.7	0.5	0.6	24.5	13209
11 - 15		1.0	7.4	2.1	0.7	0.1	0.2	0.4	0.8	0.8	0.3	0.2	0.2	14.2	7656
16 - 20		0.3	2.9	0.1	0.1	*	*	0.1	0.5	0.3	0.1	0.1	0.1	4.5	2417
21 - 24		*	0.2	*	*	-	*	*	0.1	*	*	*	*	0.5	259
25 - 33		*	*	-	-	-	*	*	0.1	*	*	*	*	0.2	89
34 - 47		-	-	-	-	-	-	-	*	*	*	-	-	0.0	12
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	4.2	17.3	20.1	23.4	14.5	3.4	3.3	3.5	3.6	2.2	1.9	2.3	100.0	
TOTAL N	73	2262	9370	10875	12665	7806	1820	1799	1913	1964	1178	1040	1254		54019

(* < 0.05%)

STATION: 91355

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

Months: DEC, JAN, FEB (Winter)

		WIND DIRECTION												TOT %	TOT N
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		
0	0.1	*	*	-	*	*	*	*	-	*	-	*	-	0.2	26
1 - 3		0.2	0.6	2.5	5.8	3.0	0.6	0.3	0.2	0.2	0.2	0.2	0.2	14.0	2061
4 - 6		0.7	1.6	11.6	8.0	4.5	0.5	0.3	0.3	0.3	0.2	0.3	0.4	28.7	4216
7 - 10		1.3	6.3	12.9	4.8	0.8	0.2	0.3	0.3	0.4	0.2	0.1	0.2	27.7	4071
11 - 15		1.9	13.4	3.7	0.9	0.1	0.1	0.1	0.2	0.1	*	*	0.1	20.7	3049
16 - 20		0.8	6.2	0.2	*	*	*	0.1	0.1	0.1	*	*	0.1	7.6	1115
21 - 24		0.1	0.4	*	*	-	-	0.1	*	*	*	*	*	0.7	105
25 - 33		-	*	-	-	-	*	*	0.2	*	*	-	*	0.3	50
34 - 47		-	-	-	-	-	-	-	*	*	*	-	-	0.1	12
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.1	5.0	28.8	30.8	19.6	8.5	1.5	1.1	1.2	1.1	0.7	0.6	1.0	100.0	
TOTAL N	8	734	4231	4535	2878	1252	224	162	180	164	97	87	153		14705

(* < 0.05%)

STATION: 91355

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

Months: MAR, APR, MAY (Spring)

		WIND DIRECTION												TOT %	TOT N
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		
0	0.2	*	*	*	*	*	*	*	*	*	*	*	*	0.4	49
1 - 3		0.2	0.6	2.7	6.3	3.4	0.8	0.2	0.2	0.2	0.1	0.3	0.4	15.3	2028
4 - 6		0.4	1.6	10.6	10.4	4.8	0.6	0.5	0.2	0.2	0.2	0.2	0.3	29.9	3982
7 - 10		1.2	5.5	13.3	6.2	1.1	0.4	0.6	0.3	0.5	0.3	0.2	0.3	29.8	3957
11 - 15		0.8	11.3	3.5	1.4	0.3	0.2	0.3	0.3	0.3	0.2	0.1	0.1	18.7	2489
16 - 20		0.2	4.5	0.2	0.1	*	*	*	0.1	0.1	*	0.1	0.1	5.5	728
21 - 24		*	0.2	*	-	-	*	-	*	*	*	*	*	0.4	55
25 - 33		-	*	-	-	-	-	*	-	-	*	*	*	0.1	8
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	2.7	23.8	30.2	24.5	9.6	2.0	1.6	1.2	1.3	0.8	0.8	1.3	100.0	
TOTAL N	20	365	3163	4022	3252	1280	260	214	165	174	100	113	168		13296

(* < 0.05%)

STATION: 91355

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

Months: JUN, JUL, AUG (Summer)

		WIND DIRECTION												TOT %	TOT N
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		
0	0.2	0.1	*	*	0.1	*	*	-	*	*	-	-	*	0.4	46
1 - 3		0.4	0.8	2.7	10.3	7.3	1.7	0.9	0.8	0.6	0.7	0.8	0.7	27.7	3208
4 - 6		1.1	1.7	5.5	14.7	12.9	1.7	1.6	1.0	1.3	0.9	1.1	1.3	44.9	5201
7 - 10		1.8	3.9	4.0	3.0	1.0	0.7	1.2	1.1	1.2	0.4	0.4	0.6	19.3	2235

11 - 15	0.4	2.8	0.8	0.5	0.1	0.1	0.5	0.6	0.4	0.1	0.1	0.2	6.5	758
16 - 20	0.1	0.2	*	*	*	*	0.1	0.4	0.1	*	*	-	0.9	110
21 - 24	*	*	*	-	-	-	*	0.1	*	-	-	*	0.2	18
25 - 33	*	-	-	-	-	-	-	*	-	-	-	-	0.0	5
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	0.2	3.9	9.4	13.1	28.6	21.2	4.2	4.3	4.0	3.7	2.2	2.5	2.8	100.0
TOTAL N	19	453	1084	1513	3308	2457	491	497	461	433	255	284	326	11581

(* < 0.05%)

STATION: 91355

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	0.2	*	*	*	*	*	*	*	*	*	*	*	*	0.5	68
1 - 3	0.6	0.7	2.2	8.4	7.2	1.9	0.8	0.7	0.6	0.6	0.7	0.6	25.1	3626	
4 - 6	1.4	1.2	2.4	12.1	11.2	2.4	2.4	1.2	1.9	1.5	1.5	1.5	40.6	5866	
7 - 10	1.9	2.8	0.9	1.6	0.9	1.2	2.3	2.0	2.7	1.7	1.1	1.4	20.4	2946	
11 - 15	0.8	1.4	0.1	0.2	0.2	0.3	0.6	1.9	2.1	0.9	0.4	0.5	9.4	1360	
16 - 20	0.2	0.1	-	*	*	0.1	0.2	1.4	0.9	0.2	0.1	0.1	3.2	464	
21 - 24	*	*	-	-	-	*	*	0.3	0.1	*	*	-	0.6	81	
25 - 33	-	-	-	-	-	*	*	0.1	0.1	-	-	*	0.2	26	
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
> 48	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0	
TOTAL %	0.2	4.9	6.2	5.6	22.4	19.5	5.9	6.4	7.7	8.3	5.0	3.9	4.2	100.0	
TOTAL N	26	710	892	805	3227	2817	845	926	1107	1193	726	556	607	14437	

(* < 0.05%)

Summary complete: 09-Sep-2003 10:53:04