





22	-	-	29	886	10	971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	909
21	-	-	37	835	10	923	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	859
20	-	-	48	770	13	876	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61	798
19	-	-	55	685	21	813	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	720
18	-	-	48	589	23	713	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	622
17	-	-	54	504	20	603	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	531
16	-	-	46	409	18	507	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	436
15	-	-	49	329	21	421	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	353
14	-	-	42	243	23	321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	263
13	-	-	24	169	13	211	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	180
12	-	-	31	127	11	148	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	132
11	-	-	16	72	6	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	78
10	-	-	12	44	5	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	50
9	-	-	7	23	3	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	28
8	-	-	-	-	4	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	15
7	-	-	3	11	1	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	10
6	-	-	1	5	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5
5	-	-	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1
2	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
MEAN	-	-	17.4	16.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.1	-
S.D.	-	-	4.3	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	-
TOTAL	-	-	569	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	778	-
MAX	-	-	31.3	31.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.7	-
DATE	-	19960224	19960313	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19960313	19
MIN	-	2.1	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	-
DATE	-	19960206	19960309	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19960206	16

(\* < 0.05% , # = 100.0%)

ELEMENT SUMMARY FOR STATION: 91204

(A) TOTAL STD MET RECORDS READ = 24528

(B) TOTAL C WIND RECORDS READ = 0

(C) TOTAL RECORDS USED IN STATS = 24528

	AIR TMP	SEA TMP	AIR-SEA	DEWPT	SLP	AVWS	PKGS-8M	PKGS-5S	SIGWVHT	AVWVPD	DWVPD	VSBY
(D) ELEMENT RECORDS AVAILABLE	9901	0	0	0	16478	17091	778	0	0	0	0	0
(E) ELEMENT OUT OF RANGE	14627	24528	24528	24528	8050	7437	23750	0	24528	24528	24528	24528

STATION: 91204 -- POR (11/1995 - 7/1997)

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
1995	MEAN	-	-	-	-	-	-	-	-	-	-	28.3	28.3	28.3
	MAXIMUM	-	-	-	-	-	-	-	-	-	-	29.6	29.6	29.6
	DAY-HR	-	-	-	-	-	-	-	-	-	-	30-01	31-05	DEC
	MINIMUM	-	-	-	-	-	-	-	-	-	-	24.3	23.5	23.5
	DAY-HR	-	-	-	-	-	-	-	-	-	-	14-22	07-21	DEC
# OBS	-	-	-	-	-	-	-	-	-	-	562	636	1198	
1996	MEAN	28.0	27.4	27.0	27.7	28.2	28.4	29.1	28.7	28.7	29.5	29.4	29.1	28.4
	MAXIMUM	29.4	28.6	28.6	29.4	29.6	29.6	33.7	30.9	31.4	31.9	31.6	30.9	33.7
	DAY-HR	06-02	01-01	30-05	28-06	20-04	18-06	09-04	22-22	16-02	24-03	27-03	14-05	JUL
	MINIMUM	24.5	23.7	22.4	23.5	25.0	25.3	23.5	24.3	24.0	25.5	25.3	26.0	22.4
	DAY-HR	19-04	03-20	11-07	07-20	24-01	28-19	27-10	20-14	06-20	06-19	08-15	28-22	MAR
# OBS	630	569	559	510	622	543	578	589	482	500	501	501	6584	
1997	MEAN	28.8	29.0	28.8	30.5	32.3	-	36.0	-	-	-	-	-	29.4
	MAXIMUM	30.6	30.4	30.1	33.7	33.7	-	37.5	-	-	-	-	-	37.5
	DAY-HR	25-03	08-04	18-04	25-07	05-15	-	01-08	-	-	-	-	-	JUL
	MINIMUM	25.0	25.3	26.0	27.6	30.1	-	32.4	-	-	-	-	-	25.0
	DAY-HR	18-21	10-22	19-03	10-14	06-04	-	01-19	-	-	-	-	-	JAN
# OBS	552	480	515	484	74	-	14	-	-	-	-	-	2119	
POR	MEAN	28.4	28.1	27.9	29.1	28.6	28.4	29.3	28.7	28.7	29.5	28.8	28.7	28.6
	MAXIMUM	30.6	30.4	30.1	33.7	33.7	29.6	37.5	30.9	31.4	31.9	31.6	30.9	37.5
	YEAR	1997	1997	1997	1997	1997	1996	1997	1996	1996	1996	1996	1996	JUL/1997
	MINIMUM	24.5	23.7	22.4	23.5	25.0	25.3	23.5	24.3	24.0	25.5	24.3	23.5	22.4
	YEAR	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1995	1995
# OBS	1182	1049	1074	994	696	543	592	589	482	500	1063	1137	9901	

STATION: 91204 -- POR (11/1995 - 8/1998)





34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	2
TOTAL %	0.0	6.3	30.7	53.5	8.4	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.1	100.0		
TOTAL N	0	96	468	817	128	14	0	0	0	0	0	1	2		1526	

(\* < 0.05%)

STATION: 91204

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	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	27
1 - 3		0.5	0.4	0.1	0.1	-	0.1	0.2	0.3	0.4	0.2	0.6	0.2	-	3.4	46
4 - 6		2.1	2.2	2.4	2.2	2.0	1.2	0.3	1.2	0.9	0.7	0.1	0.4	-	15.6	210
7 - 10		1.3	3.7	4.2	5.7	1.9	0.5	-	0.7	0.6	0.2	0.5	0.2	-	19.4	261
11 - 15		0.7	4.6	9.6	11.5	5.1	-	-	0.7	0.4	-	0.4	0.4	-	33.5	449
16 - 20		0.1	3.0	10.8	6.4	3.9	-	-	0.1	0.1	-	0.1	0.1	-	24.6	330
21 - 24		-	0.1	0.2	0.1	-	-	-	-	-	-	-	-	-	0.5	7
25 - 33		-	-	0.1	-	-	-	-	-	-	-	-	-	-	0.1	1
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	0.4	0.4	-	-	-	-	-	0.1	-	-	0.8	11
TOTAL %	2.0	4.6	14.0	27.5	26.5	13.3	1.9	0.5	3.0	2.5	1.2	1.9	1.3	100.0		
TOTAL N	27	62	188	369	355	178	25	7	40	33	16	25	17		1342	

(\* < 0.05%)

STATION: 91204

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	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	48
1 - 3		1.9	0.4	0.9	0.8	0.1	0.1	0.3	0.2	0.2	0.4	0.4	0.9	-	6.6	101
4 - 6		2.5	3.3	5.0	2.9	1.8	1.8	1.5	0.5	0.5	0.1	2.0	2.1	-	24.1	368
7 - 10		0.3	2.8	6.7	5.9	2.7	2.3	0.3	-	0.1	-	0.1	0.3	-	21.4	327
11 - 15		-	1.9	14.9	10.8	0.9	0.7	0.1	-	-	-	-	-	-	29.3	448
16 - 20		-	0.2	8.2	5.8	0.2	0.5	-	-	-	-	-	-	-	14.8	227
21 - 24		-	-	0.1	0.3	0.1	-	-	-	-	-	-	-	-	0.5	8
25 - 33		-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	0.1	-	-	-	-	-	-	-	-	-	-	0.1	2
TOTAL %	3.1	4.7	8.6	35.8	26.5	5.9	5.4	2.2	0.7	0.8	0.5	2.4	3.3	100.0		
TOTAL N	48	72	132	548	405	90	83	33	11	12	8	37	50		1529	

(\* < 0.05%)

STATION: 91204

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	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-	5.1	68
1 - 3		1.3	0.5	0.7	0.7	0.3	0.3	0.6	0.9	0.7	1.3	1.6	0.7	-	9.4	127
4 - 6		2.6	3.9	4.1	3.7	3.3	2.2	1.4	1.5	1.1	0.7	1.6	0.9	-	27.0	364
7 - 10		0.4	2.6	7.4	7.2	2.2	1.1	0.1	0.5	0.7	-	-	0.1	-	22.4	301
11 - 15		-	1.3	14.3	7.2	1.3	0.1	0.1	-	0.1	-	-	-	-	24.3	327
16 - 20		-	0.4	7.4	2.4	0.6	0.1	-	-	-	-	-	-	-	10.9	147
21 - 24		-	-	-	0.4	0.2	0.1	-	-	-	-	-	-	-	0.7	9
25 - 33		-	-	0.1	0.1	-	-	-	-	-	-	-	-	-	0.2	3
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48		-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
TOTAL %	5.1	4.2	8.8	33.9	21.7	7.9	3.9	2.2	2.9	2.6	1.9	3.1	1.6	100.0		
TOTAL N	68	57	119	456	292	107	53	30	39	35	26	42	22		1346	

(\* < 0.05%)

STATION: 91204

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	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-	6.9	105
1 - 3		0.7	1.3	0.7	0.9	1.8	0.9	1.8	2.3	0.7	1.6	0.5	0.5	-	13.5	207
4 - 6		1.6	2.8	7.3	3.9	3.9	2.7	2.4	2.1	3.7	4.3	1.8	0.3	-	36.8	563
7 - 10		0.2	2.4	8.6	7.4	3.0	0.9	0.3	1.6	2.5	0.3	0.7	0.3	-	27.9	426

11 - 15	0.2	1.6	4.2	3.3	1.1	0.3	-	0.2	1.4	-	0.1	-	12.3	188
16 - 20	-	0.1	1.0	0.7	0.1	0.2	-	-	0.2	-	-	-	2.2	34
21 - 24	-	-	-	0.1	-	-	-	-	-	-	-	-	0.1	2
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	0.1	-	0.1	-	-	-	-	-	0.1	-	0.2	3
TOTAL %	6.9	2.7	8.1	21.7	16.2	10.0	4.9	4.5	6.2	8.5	6.1	3.1	1.0	100.0
TOTAL N	105	42	124	332	248	153	75	69	94	130	93	47	16	1528

(\* < 0.05%)

STATION: 91204

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	10.5	-	-	-	-	-	-	-	-	-	-	-	-	10.5	170
1 - 3	-	2.3	1.7	1.3	1.1	0.7	1.0	1.2	1.4	1.2	1.5	1.1	1.6	16.2	262
4 - 6	-	3.2	5.3	4.1	2.7	3.7	3.3	3.5	3.8	5.4	2.3	1.7	1.4	40.4	653
7 - 10	-	0.4	2.5	2.9	1.9	2.0	0.5	0.8	2.0	7.4	0.7	0.4	0.3	22.0	355
11 - 15	-	0.1	0.9	1.6	1.4	0.7	0.1	-	0.4	3.1	-	-	-	8.2	132
16 - 20	-	-	0.1	0.2	0.2	0.2	0.1	-	-	1.5	-	-	-	2.3	37
21 - 24	-	-	-	0.1	0.1	-	-	-	-	0.1	-	-	-	0.2	4
25 - 33	-	-	-	-	0.1	0.1	-	-	-	-	-	-	-	0.1	2
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1	1
TOTAL %	10.5	6.0	10.5	10.3	7.4	7.4	5.0	5.6	7.6	18.6	4.5	3.3	3.3	100.0	
TOTAL N	170	97	170	166	119	120	81	90	123	300	73	54	53		1616

(\* < 0.05%)

STATION: 91204

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	7.3	-	-	-	-	-	-	-	-	-	-	-	-	7.3	69
1 - 3	-	2.0	0.5	0.2	0.5	0.1	0.2	2.0	3.0	3.7	7.4	3.1	1.3	23.9	227
4 - 6	-	1.9	1.2	1.5	1.3	1.7	1.9	6.5	3.9	12.2	12.6	7.3	2.2	54.1	513
7 - 10	-	0.4	0.8	0.8	1.5	0.3	0.4	0.5	0.9	3.9	-	0.8	0.4	11.0	104
11 - 15	-	-	0.3	0.4	1.8	0.1	-	-	-	0.1	-	-	-	2.7	26
16 - 20	-	-	0.1	-	0.3	0.1	-	-	-	-	-	-	-	0.5	5
21 - 24	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.1	1
25 - 33	-	-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	1
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	-	-	-	-	-	-	0.2	-	-	-	0.2	2
TOTAL %	7.3	4.4	3.0	3.1	5.4	2.3	2.5	9.1	7.8	20.1	19.9	11.2	3.9	100.0	
TOTAL N	69	42	28	29	51	22	24	86	74	191	189	106	37		948

(\* < 0.05%)

STATION: 91204

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	9.1	-	-	-	-	-	-	-	-	-	-	-	-	9.1	90
1 - 3	-	2.5	1.3	1.0	1.0	0.7	0.6	2.5	2.7	1.8	1.5	0.6	0.8	17.2	170
4 - 6	-	2.0	5.4	7.7	4.3	3.7	2.0	2.3	3.2	4.8	0.5	0.1	0.3	36.5	362
7 - 10	-	0.5	3.8	9.7	5.8	3.1	0.4	0.3	0.3	1.4	-	-	-	25.3	251
11 - 15	-	-	0.8	5.5	2.7	0.7	0.1	0.2	-	0.1	-	-	-	10.2	101
16 - 20	-	-	-	0.5	0.9	-	-	-	-	-	-	-	-	1.4	14
21 - 24	-	-	-	0.2	-	-	-	-	-	-	-	-	-	0.2	2
25 - 33	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
34 - 47	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0
> 48	-	-	-	0.1	-	-	-	-	-	-	-	-	-	0.1	1
TOTAL %	9.1	5.0	11.4	24.7	14.7	8.3	3.1	5.3	6.3	8.2	2.0	0.7	1.1	100.0	
TOTAL N	90	50	113	245	146	82	31	53	62	81	20	7	11		991

(\* < 0.05%)

STATION: 91204

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	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3	66
1 - 3		0.8	0.8	0.8	0.7	0.5	0.1	0.4	1.2	0.5	0.5	0.3	0.3		6.8	104
4 - 6		0.9	2.8	3.6	3.1	1.4	0.8	1.9	1.3	1.1	0.7	1.1	0.4		19.0	291
7 - 10		0.8	4.6	10.6	6.9	1.5	0.7	0.9	0.7	0.3	0.1	0.3	0.3		27.5	422
11 - 15		0.1	4.6	20.3	5.8	0.5	0.3	0.3	0.1	0.5	0.2	0.4	-		33.1	507
16 - 20		-	0.6	5.7	0.8	0.1	-	0.1	0.2	-	0.1	0.2	0.1		7.8	120
21 - 24		-	-	0.1	0.1	-	-	-	0.3	0.1	-	0.1	-		0.5	8
25 - 33		-	-	0.1	-	-	-	-	0.1	0.5	-	0.1	-		0.7	11
34 - 47		-	-	-	-	-	-	-	-	0.1	-	-	-		0.1	1
> 48		-	-	0.1	-	-	-	-	-	-	-	-	-		0.1	2
TOTAL %	4.3	2.6	13.4	41.3	17.4	4.0	1.8	3.5	3.9	2.9	1.6	2.3	1.0	100.0		
TOTAL N	66	40	205	633	267	61	28	54	59	44	24	36	15			1532

(\* < 0.05%)

STATION: 91204

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	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	15
1 - 3		0.4	-	0.7	0.4	0.3	0.2	0.3	0.3	0.1	0.1	0.1	0.1		3.1	49
4 - 6		1.9	1.2	1.3	1.8	1.2	1.0	1.3	0.8	0.4	0.8	0.6	1.0		13.2	211
7 - 10		0.8	3.8	6.3	3.9	1.5	1.2	0.2	-	1.0	-	0.3	0.3		19.1	305
11 - 15		0.9	6.7	16.0	5.2	0.4	0.1	-	0.1	0.3	-	-	0.1		29.8	474
16 - 20		0.6	5.1	16.3	2.1	0.4	0.1	0.2	0.3	0.4	-	-	-		25.6	408
21 - 24		-	1.4	2.5	0.8	0.3	0.1	0.1	0.3	0.1	-	-	-		5.6	90
25 - 33		0.1	1.2	0.4	0.3	0.4	0.1	-	-	0.1	-	-	-		2.4	39
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-		0.0	0
> 48		-	-	0.1	0.1	-	-	-	-	-	-	-	-		0.1	2
TOTAL %	0.9	4.6	19.5	43.6	14.6	4.5	2.8	2.1	1.8	2.5	0.9	0.9	1.4	100.0		
TOTAL N	15	73	310	694	233	71	44	33	29	40	14	14	23			1593

(\* < 0.05%)

STATION: 91204

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	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	672
1 - 3		1.0	0.6	0.6	0.5	0.4	0.3	0.7	0.9	0.6	1.0	0.6	0.5		7.8	1327
4 - 6		1.9	2.5	3.3	2.3	1.9	1.4	1.6	1.4	2.1	1.6	1.3	0.7		22.1	3769
7 - 10		0.7	3.3	5.8	4.4	1.8	0.9	0.3	0.6	1.5	0.1	0.2	0.2		19.6	3352
11 - 15		0.5	3.9	11.3	5.4	1.5	0.6	0.2	0.2	0.5	*	0.1	*		24.1	4110
16 - 20		0.2	3.2	11.4	3.0	1.0	0.5	0.1	0.1	0.2	*	*	*		19.7	3360
21 - 24		*	0.5	0.9	0.4	0.1	*	*	*	*	-	*	-		2.1	361
25 - 33		*	0.2	0.1	0.1	*	*	-	*	*	-	*	-		0.6	97
34 - 47		-	-	-	-	-	-	-	-	*	-	-	-		0.0	1
> 48		-	*	0.1	*	*	-	-	-	*	-	*	-		0.2	30
TOTAL %	3.9	4.3	14.3	33.4	16.2	6.8	3.7	2.9	3.1	5.1	2.7	2.2	1.5	100.0		
TOTAL N	672	727	2446	5696	2759	1153	628	490	535	869	466	383	255			17079

(\* < 0.05%)

STATION: 91204

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	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	29
1 - 3		0.2	*	0.3	0.2	0.2	0.1	0.1	0.1	0.1	*	0.1	0.1		1.7	80
4 - 6		1.8	1.3	1.3	1.3	0.6	0.4	0.5	0.3	0.2	0.3	0.4	0.4		8.7	412
7 - 10		0.9	3.1	4.6	3.3	1.5	1.1	0.1	-	0.4	-	0.1	0.1		15.1	713
11 - 15		0.4	5.6	14.0	5.1	2.2	1.5	0.5	0.1	0.1	-	-	*		29.7	1401
16 - 20		0.2	6.5	21.1	4.7	1.9	1.5	0.2	0.1	0.1	-	-	-		36.3	1715
21 - 24		-	1.7	2.8	1.0	0.3	0.1	0.1	0.1	*	-	-	-		6.1	290
25 - 33		*	0.8	0.3	0.2	0.1	*	-	-	*	-	-	-		1.6	75
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-		0.0	0
> 48		-	*	0.1	*	-	-	-	-	-	-	-	-		0.1	6
TOTAL %	0.6	3.6	19.0	44.5	15.8	6.9	4.8	1.4	0.7	0.9	0.4	0.6	0.7	100.0		
TOTAL N	29	169	899	2101	748	326	228	68	33	43	17	28	32			4721

(\* < 0.05%)

STATION: 91204

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	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	75
1 - 3		0.8	0.3	0.3	0.3	*	0.1	0.2	0.2	0.2	0.2	0.3	0.4			3.4	150
4 - 6		1.9	1.9	2.6	1.7	1.2	1.0	0.6	0.5	0.5	0.3	0.8	0.9			13.9	611
7 - 10		1.0	4.2	5.1	4.1	1.5	1.0	0.1	0.2	0.2	0.1	0.2	0.2			17.7	780
11 - 15		1.1	6.2	13.9	8.5	1.9	0.3	*	0.2	0.1	-	0.1	0.1			32.5	1428
16 - 20		0.4	5.1	16.9	5.1	1.5	0.2	-	*	*	-	*	*			29.3	1288
21 - 24		*	0.2	0.4	0.3	0.1	-	-	-	-	-	-	-			1.0	45
25 - 33		-	*	*	0.1	-	-	-	-	-	-	-	-			0.1	5
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-			0.0	0
> 48		-	-	0.1	0.1	0.1	-	-	-	-	-	*	-			0.3	15
TOTAL %	1.7	5.2	17.9	39.4	20.2	6.4	2.5	0.9	1.2	1.0	0.5	1.4	1.6			100.0	
TOTAL N	75	230	788	1734	888	282	108	40	51	45	24	63	69				4397

(\* < 0.05%)

STATION: 91204

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	7.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	343
1 - 3		1.4	1.2	0.9	0.9	1.0	0.7	1.2	1.6	0.9	1.5	1.0	0.9			13.3	596
4 - 6		2.5	4.1	5.2	3.4	3.7	2.8	2.5	2.5	3.5	2.5	1.7	0.9			35.2	1580
7 - 10		0.3	2.5	6.2	5.4	2.4	0.8	0.4	1.4	3.7	0.3	0.4	0.2			24.1	1082
11 - 15		0.1	1.2	6.3	3.8	1.0	0.2	*	0.2	1.6	-	*	-			14.4	647
16 - 20		-	0.2	2.6	1.0	0.3	0.1	-	-	0.6	-	-	-			4.9	218
21 - 24		-	-	*	0.2	0.1	*	-	-	*	-	-	-			0.3	15
25 - 33		-	-	*	0.1	*	-	-	-	-	-	-	-			0.1	5
34 - 47		-	-	-	-	-	-	-	-	-	-	-	-			0.0	0
> 48		-	-	*	-	*	-	-	-	-	-	*	-			0.1	4
TOTAL %	7.6	4.4	9.2	21.2	14.7	8.5	4.7	4.2	5.7	10.4	4.3	3.2	2.0			100.0	
TOTAL N	343	196	413	954	659	380	209	189	256	465	192	143	91				4490

(\* < 0.05%)

STATION: 91204

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	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	225
1 - 3		1.6	0.9	0.7	0.7	0.5	0.3	1.4	2.1	1.7	2.7	1.1	0.7			14.4	501
4 - 6		1.5	3.1	4.2	2.9	2.1	1.4	3.3	2.6	5.2	3.9	2.5	0.9			33.6	1166
7 - 10		0.6	3.3	7.7	5.1	1.6	0.5	0.6	0.6	1.6	0.1	0.3	0.2			22.4	777
11 - 15		0.1	2.3	10.7	3.8	0.5	0.2	0.2	0.1	0.3	0.1	0.2	-			18.3	634
16 - 20		-	0.3	2.7	0.7	0.1	-	*	0.1	-	0.1	0.1	*			4.0	139
21 - 24		*	-	0.1	*	-	-	-	0.1	*	-	*	-			0.3	11
25 - 33		-	-	0.1	-	-	-	-	0.1	0.2	-	*	-			0.3	12
34 - 47		-	-	-	-	-	-	-	-	*	-	-	-			0.0	1
> 48		-	-	0.1	-	-	-	-	-	0.1	-	-	-			0.1	5
TOTAL %	6.5	3.8	10.0	26.1	13.4	4.8	2.4	5.6	5.6	9.1	6.7	4.3	1.8			100.0	
TOTAL N	225	132	346	907	464	165	83	193	195	316	233	149	63				3471

(\* < 0.05%)

Summary complete: 09-Sep-2003 10:39:16