

TABLE 4A

METEOROLOGICAL DATA - JULY-SEPTEMBER 1991

EXTREMELY UNSTABLE STABILITY CLASS A
 PERIOD OF RECORD: 7/ 1/91, 000-- 10/ 1/91, 000

WIND SPEED (M/S) AT 10-M LEVEL

		0-2	3-5	6-8	9-11	12-14	15-17	18 AND UP	TOTAL	AVG SPEED
W I N D	N	3.2	.0	.0	.0	.0	.0	.0	3.2	.1
	NNE	2.5	.0	.0	.0	.0	.0	.0	2.6	.0
	NE	3.8	.0	.0	.0	.0	.0	.0	3.8	.1
	NNE	3.2	.0	.0	.0	.0	.0	.0	3.2	.0
	E	1.5	.0	.0	.0	.0	.0	.0	1.5	.0
	ESE	4.1	.0	.0	.0	.0	.0	.0	4.1	.1
	ESE	2.4	.0	.0	.0	.0	.0	.0	2.4	.0
	ESE	2.4	.0	.0	.0	.0	.0	.0	2.4	.0
	S	3.0	.0	.0	.0	.0	.0	.0	3.0	.1
	SSW	11.2	.0	.0	.0	.0	.0	.0	11.2	.2
	SSW	5.3	.0	.0	.0	.0	.0	.0	5.3	.1
	SSW	5.6	.0	.0	.0	.0	.0	.0	5.6	.1
	W	7.1	.0	.0	.0	.0	.0	.0	7.1	.1
	WNW	13.0	.0	.0	.0	.0	.0	.0	13.0	.2
	NW	14.7	.0	.0	.0	.0	.0	.0	14.7	.3
	NNW	0.3	1.2	.0	.0	.0	.0	.0	1.5	.2
CALM		.3							.3	
TOTAL		97.9	2.1	.0	.0	.0	.0	.0	100.0	.1

0. HOURS OF BAD OR MISSING DATA OR .0 PERCENT FOR 339 HOURS

MODERATELY UNSTABLE STABILITY CLASS B
PERIOD OF RECORD: 7/ 1/91, 000-- 10/ 1/91, 000

		0-5	6-8	9-11	12-14	15-17	18-20	21-24	25-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100	101-120	121-150	151-200	201-250	251-300	301-400	401-500	501-600	601-700	701-800	801-900	901-1000	1001-1200	1201-1500	1501-2000	2001-2500	2501-3000	3001-4000	4001-5000	5001-6000	6001-7000	7001-8000	8001-9000	9001-10000	10001-12000	12001-15000	15001-20000	20001-25000	25001-30000	30001-40000	40001-50000	50001-60000	60001-70000	70001-80000	80001-90000	90001-100000	100001-120000	120001-150000	150001-200000	200001-250000	250001-300000	300001-400000	400001-500000	500001-600000	600001-700000	700001-800000	800001-900000	900001-1000000	1000001-1200000	1200001-1500000	1500001-2000000	2000001-2500000	2500001-3000000	3000001-4000000	4000001-5000000	5000001-6000000	6000001-7000000	7000001-8000000	8000001-9000000	9000001-10000000	10000001-12000000	12000001-15000000	15000001-20000000	20000001-25000000	25000001-30000000	30000001-40000000	40000001-50000000	50000001-60000000	60000001-70000000	70000001-80000000	80000001-90000000	90000001-100000000	100000001-120000000	120000001-150000000	150000001-200000000	200000001-250000000	250000001-300000000	300000001-400000000	400000001-500000000	500000001-600000000	600000001-700000000	700000001-800000000	800000001-900000000	900000001-1000000000	1000000001-1200000000	1200000001-1500000000	1500000001-2000000000	2000000001-2500000000	2500000001-3000000000	3000000001-4000000000	4000000001-5000000000	5000000001-6000000000	6000000001-7000000000	7000000001-8000000000	8000000001-9000000000	9000000001-10000000000	10000000001-12000000000	12000000001-15000000000	15000000001-20000000000	20000000001-25000000000	25000000001-30000000000	30000000001-40000000000	40000000001-50000000000	50000000001-60000000000	60000000001-70000000000	70000000001-80000000000	80000000001-90000000000	90000000001-100000000000	100000000001-120000000000	120000000001-150000000000	150000000001-200000000000	200000000001-250000000000	250000000001-300000000000	300000000001-400000000000	400000000001-500000000000	500000000001-600000000000	600000000001-700000000000	700000000001-800000000000	800000000001-900000000000	900000000001-1000000000000	1000000000001-1200000000000	1200000000001-1500000000000	1500000000001-2000000000000	2000000000001-2500000000000	2500000000001-3000000000000	3000000000001-4000000000000	4000000000001-5000000000000	5000000000001-6000000000000	6000000000001-7000000000000	7000000000001-8000000000000	8000000000001-9000000000000	9000000000001-10000000000000	10000000000001-12000000000000	12000000000001-15000000000000	15000000000001-20000000000000	20000000000001-25000000000000	25000000000001-30000000000000	30000000000001-40000000000000	40000000000001-50000000000000	50000000000001-60000000000000	60000000000001-70000000000000	70000000000001-80000000000000	80000000000001-90000000000000	90000000000001-100000000000000	100000000000001-120000000000000	120000000000001-150000000000000	150000000000001-200000000000000	200000000000001-250000000000000	250000000000001-300000000000000	300000000000001-400000000000000	400000000000001-500000000000000	500000000000001-600000000000000	600000000000001-700000000000000	700000000000001-800000000000000	800000000000001-900000000000000	900000000000001-1000000000000000	
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TABLE 4A (Continued)

SLIGHTLY UNSTABLE STABILITY CLASS C
 PERIOD OF RECORD: 7/ 1/91, 000-- 10/ 1/91, 000

WIND SPEED (M/S) AT 10-M LEVEL

	0-2	3-5	6-8	9-11	12-14	15-17	18 AND UP	TOTAL	AVG SPEED
N	1.3	.0	.0	.0	.0	.0	.0	1.3	.0
NNE	5.5	.0	.0	.0	.0	.0	.0	5.5	.1
NE	5.5	.0	.0	.0	.0	.0	.0	5.5	.1
ENE	1.3	.0	.0	.0	.0	.0	.0	1.3	.0
D E	4.6	.0	.0	.0	.0	.0	.0	4.6	.0
I ESE	3.7	.0	.0	.0	.0	.0	.0	3.7	.0
R SE	.9	.0	.0	.0	.0	.0	.0	.9	.0
W E SSE	4.6	.0	.0	.0	.0	.0	.0	4.6	.1
I C S	8.2	.0	.0	.0	.0	.0	.0	8.2	.1
N T SCW	12.8	.0	.0	.0	.0	.0	.0	12.8	.2
D I SW	11.0	.0	.0	.0	.0	.0	.0	11.0	.1
O WSW	8.2	.0	.0	.0	.0	.0	.0	8.2	.1
N W	2.7	.0	.0	.0	.0	.0	.0	2.7	.0
WNW	9.2	.0	.0	.0	.0	.0	.0	9.2	.1
NW	9.2	.0	.0	.0	.0	.0	.0	9.2	.1
NNW	10.1	.0	.0	.0	.0	.0	.0	10.1	.2
CALM	.0							.0	
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TOTAL	100.0	.0	.0	.0	.0	.0	.0	100.0	.1

0. HOURS OF BAD OR MISSING DATA OR .0 PERCENT FOR 109 HOURS

TABLE 4A (Continued)

NEUTRAL

STABILITY CLASS D

PERIOD OF RECORD: 7/ 1/91, 000-- 10/ 1/91, 000

WIND SPEED (M/S) AT 10-M LEVEL

		0-2	3-5	6-8	9-11	12-14	15-17	18 AND UP	TOTAL	AVG SPEED
WIND DIRECTION	N	5.2	.0	.0	.0	.0	.0	.0	8.2	.1
	NNE	3.1	.0	.0	.0	.0	.0	.0	3.1	.0
	NNE	3.5	.0	.0	.0	.0	.0	.0	3.6	.0
	NNE	2.3	.0	.0	.0	.0	.0	.0	2.3	.0
	NNE	2.3	.0	.0	.0	.0	.0	.0	2.3	.0
	NNE	3.1	.0	.0	.0	.0	.0	.0	3.1	.0
	NNE	3.3	.0	.0	.0	.0	.0	.0	3.3	.0
	NNE	9.7	.0	.0	.0	.0	.0	.0	9.7	.1
	NNE	11.0	.0	.0	.0	.0	.0	.0	11.0	.1
	NNE	11.8	.0	.0	.0	.0	.0	.0	11.8	.2
	NNE	4.9	.0	.0	.0	.0	.0	.0	4.9	.0
	NNE	4.9	.0	.0	.0	.0	.0	.0	4.9	.0
	NNE	4.3	.0	.0	.0	.0	.0	.0	4.3	.0
	NNE	3.3	.0	.0	.0	.0	.0	.0	3.3	.0
	NNE	4.9	.0	.0	.0	.0	.0	.0	4.9	.1
	NNE	13.8	.0	.0	.0	.0	.0	.0	13.8	.3
CALM		4.9	.0	.0	.0	.0	.0	.0	4.9	.1
TOTAL		99.2	.0	.0	.0	.0	.0	.0	100.0	.1

0. HOURS OF BAD OR MISSING DATA OR .0 PERCENT FOR 390 HOURS

TABLE 4A (Continued)

SLIGHTLY STABLE STABILITY CLASS E
 PERIOD OF RECORD: 7/ 1/91, 000-- 10/ 1/91, 000

WIND SPEED (M/S) AT 10-M LEVEL

		0-2	3-5	6-8	9-11	12-14	15-17	18 AND UP	TOTAL	AVG SPEED
W I N D	N	5.2	.0	.0	.0	.0	.0	.0	5.2	.0
	NNE	5.3	.0	.0	.0	.0	.0	.0	5.3	.0
	NE	10.1	.0	.0	.0	.0	.0	.0	10.1	.1
	ENE	4.2	.0	.0	.0	.0	.0	.0	4.2	.0
	E	4.3	.0	.0	.0	.0	.0	.0	4.3	.0
	ESE	5.2	.1	.0	.0	.0	.0	.0	5.3	.1
	SE	7.2	.0	.0	.0	.0	.0	.0	7.2	.1
	SSE	10.1	.0	.0	.0	.0	.0	.0	10.1	.1
	S	7.3	.0	.0	.0	.0	.0	.0	7.3	.1
	SSW	2.2	.0	.0	.0	.0	.0	.0	2.2	.0
	SW	2.2	.0	.0	.0	.0	.0	.0	2.2	.0
	WSW	1.1	.0	.0	.0	.0	.0	.0	1.1	.0
	W	1.1	.0	.0	.0	.0	.0	.0	1.1	.0
	WNW	.6	.0	.0	.0	.0	.0	.0	.6	.0
	NW	.7	.0	.0	.0	.0	.0	.0	.7	.0
	NNW	4.5	.0	.0	.0	.0	.0	.0	4.5	.1
	CALM	27.4							27.4	
TOTAL		99.3	.1	.0	.0	.0	.0	.0	100.0	.1

0. HOURS OF SAD OR MISSING DATA OR .0 PERCENT FOR 692 HOURS

TABLE 4A (Continued)

MODERATELY STABLE STABILITY CLASS F
 PERIOD OF RECORD: 7/ 1/91, 000-- 10/ 1/91, 000

WIND SPEED (M/S) AT 10-M LEVEL

		0-2	3-5	6-8	9-11	12-14	15-17	18 AND UP	TOTAL	AVG SPEED
WIND DIRECTION	N	3.2	.0	.0	.0	.0	.0	.0	3.2	.0
	NNE	9.8	.0	.0	.0	.0	.0	.0	9.8	.1
	NNE	11.4	.0	.0	.0	.0	.0	.0	11.4	.1
	ENE	7.2	.0	.0	.0	.0	.0	.0	7.2	.1
	ESE	2.6	.0	.0	.0	.0	.0	.0	2.6	.0
	ESE	1.6	.0	.0	.0	.0	.0	.0	1.6	.0
	RSE	1.6	.0	.0	.0	.0	.0	.0	1.6	.0
	ESSE	1.0	.0	.0	.0	.0	.0	.0	1.0	.0
	CS	.6	.0	.0	.0	.0	.0	.0	.6	.0
	TSW	.3	.0	.0	.0	.0	.0	.0	.3	.0
	TSW	.3	.0	.0	.0	.0	.0	.0	.3	.0
	WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NW	.0	.0	.0	.0	.0	.0	.0	.0	.0
	WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NW	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW		1.0	.0	.0	.0	.0	.0	.0	1.0	.0
CALM		59.3							59.3	
TOTAL		100.0	.0	.0	.0	.0	.0	.0	100.0	.0

0. HOURS OF BAD OR MISSING DATA OR .0 PERCENT FOR 307 HOURS

TABLE 4A (Continued)

EXTREMELY STABLE STABILITY CLASS G
PERIOD OF RECORD: 7/ 1/91, 000-- 10/ 1/91, 000

WIND SPEED (M/S) AT 10-M LEVEL

		0-2	3-5	6-8	9-11	12-14	15-17	18 AND UP	TOTAL	AVG SPEED
W I N D	N	.3	.0	.0	.0	.0	.0	.0	.8	.0
	NNE	12.0	.0	.0	.0	.0	.0	.0	12.0	.1
	NE	34.6	.0	.0	.0	.0	.0	.0	34.6	.3
	ENE	6.0	.0	.0	.0	.0	.0	.0	6.0	.0
	E	1.1	.0	.0	.0	.0	.0	.0	1.1	.0
	ESE	.4	.0	.0	.0	.0	.0	.0	.4	.0
	SE	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0
	S	.3	.0	.0	.0	.0	.0	.0	.8	.0
	SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SW	.0	.0	.0	.0	.0	.0	.0	.0	.0
	WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0
	W	.0	.0	.0	.0	.0	.0	.0	.0	.0
	WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NW	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM		44.4							44.4	
TOTAL		100.0	.0	.0	.0	.0	.0	.0	100.0	.2

0. HOURS OF BAD OR MISSING DATA OR .0 PERCENT FOR 266 HOURS

TABLE 4A (Continued)

EXTREMELY UNSTABLE STABILITY CLASS A
 PERIOD OF RECORD: 7/ 1/91, 000-- 10/ 1/91, 000

WIND SPEED (M/S) AT 50-M LEVEL

		0-2	3-5	6-8	9-11	12-14	15-17	18 AND UP	TOTAL	AVG SPEED
WIND DIRECTION	N	1.3	1.3	.0	.0	.0	.0	.0	3.2	.1
	NNE	1.3	1.3	.0	.0	.0	.0	.0	3.5	.1
	NE	.4	1.3	.0	.0	.0	.0	.0	2.4	.1
	NNE	1.3	1.3	.0	.0	.0	.0	.0	2.9	.1
	E	3.5	.5	.0	.0	.0	.0	.0	4.1	.1
	ESE	2.1	.4	.0	.0	.0	.0	.0	2.4	.0
	SE	2.1	.3	.0	.0	.0	.0	.0	2.9	.1
	ESE	3.5	.4	.0	.0	.0	.0	.0	4.1	.1
	S	.4	.3	.0	.0	.0	.0	.0	.9	.0
	SSW	5.0	2.4	.0	.0	.0	.0	.0	7.4	.2
	SW	5.0	3.5	.0	.0	.0	.0	.0	10.3	.3
	WSW	5.0	1.3	.0	.0	.0	.0	.0	8.5	.2
	W	10.0	.5	.0	.0	.0	.0	.0	10.6	.2
	WNW	3.5	3.2	.0	.0	.0	.0	.0	12.1	.3
	NW	10.3	4.1	.0	.0	.0	.0	.0	14.4	.4
	NNW	5.9	4.1	.0	.0	.0	.0	.0	10.0	.3
CALM		.0							.0	
TOTAL		72.0	23.0	.0	.0	.0	.0	.0	100.0	.2

0. HOURS OF BAD OR MISSING DATA OR .0 PERCENT FOR 339 HOURS

TABLE 4A (Continued)

MODERATELY UNSTABLE STABILITY CLASS B
 PERIOD OF RECORD: 7/ 1/91, 000-- 10/ 1/91, 000

WIND SPEED (M/S) AT 50-M LEVEL

		0-2	3-5	6-8	9-11	12-14	15-17	18 AND UP	TOTAL	AVG SPEED
W I N D D I R E C T I O N	N	4.1	1.0	.0	.0	.0	.0	.0	5.1	.1
	NNE	1.0	.0	.0	.0	.0	.0	.0	1.0	.0
	NE	2.1	.0	.0	.0	.0	1.0	.0	3.1	.2
	NNE	.0	1.0	.0	.0	.0	.0	.0	1.0	.0
	E	3.1	2.1	.0	.0	.0	.0	.0	5.1	.1
	ESE	2.1	.0	.0	.0	.0	.0	.0	2.1	.0
	ESE	2.1	.0	.0	.0	.0	.0	.0	2.1	.0
	ESE	5.1	.0	.0	.0	.0	.0	.0	5.1	.1
	CS	3.1	.0	.0	.0	.0	.0	.0	3.1	.0
	GSW	9.3	4.1	.0	.0	.0	.0	.0	13.4	.3
	ISW	6.2	4.1	.0	.0	.0	.0	.0	10.3	.3
	OSW	9.3	2.1	.0	.0	.0	.0	.0	11.3	.2
	WSW	9.3	2.1	.0	.0	.0	.0	.0	11.3	.2
	WNW	6.2	2.1	.0	.0	.0	.0	.0	8.2	.2
	NW	4.1	3.1	.0	.0	.0	.0	.0	7.2	.2
	NNW	5.1	4.1	.0	.0	.0	.0	.0	9.3	.3
	CALM	1.0							1.0	
TOTAL		73.2	25.3	.0	.0	.0	1.0	.0	100.0	.2

C. HOURS OF BAD OR MISSING DATA OR .0 PERCENT FOR 97 HOURS

TABLE 4A (Continued)

SLIGHTLY UNSTABLE
STABILITY CLASS C
PERIOD OF RECORD: 7/ 1/91, 000--10/ 1/91, 000

WIND SPEED (M/S) AT 50-M LEVEL

WIND DIRECTION	C-2	3-5	6-8	9-11	12-14	15-17	AND UP	TOTAL	AVG
N	2.7	2.2	2.0	2.0	2.0	2.0	2.0	2.7	2.7
NN	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
NNN	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
NNE	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
ENE	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
E	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
ESE	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
SSE	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
S	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
SSW	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
WSW	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
W	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
WNW	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
NW	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
NNW	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
CALM	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.7
TOTAL	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2

0. HOURS OF 240 OF MISSING DATA OK

0.0 PERCENT FOR

103 HOURS

TABLE 4A (Continued)

NEUTRAL STABILITY CLASS D
 PERIOD OF RECORD: 7/ 1/91, 000-- 10/ 1/91, 000

WIND SPEED (M/S) AT 50-M LEVEL

	0-2	3-5	6-8	9-11	12-14	15-17	18 AND UP	TOTAL	AVG SPEED
N	2.3	1.8	.0	.0	.0	.0	.0	4.6	.1
NNE	1.5	.5	.3	.0	.0	.0	.0	2.3	.1
NE	2.1	.5	.0	.0	.0	.0	.0	2.6	.0
ENE	1.3	1.0	.3	.0	.0	.0	.0	3.1	.1
E	2.6	2.1	.0	.0	.0	.0	.0	4.6	.1
ESE	3.3	.8	.0	.0	.0	.0	.3	4.9	.2
SE	3.6	3.1	.0	.0	.0	.0	.0	6.7	.2
ESE	3.3	3.1	.5	.0	.0	.0	.0	6.9	.2
CS	5.6	1.5	.0	.0	.0	.0	.0	7.2	.2
TSW	8.2	2.3	.0	.3	.0	.0	.0	10.8	.3
ISW	7.2	2.3	.3	.0	.0	.0	.0	10.2	.3
OSW	4.9	1.5	.3	.0	.0	.0	.0	7.2	.2
NW	4.9	.8	.0	.3	.0	.0	.0	5.9	.1
NW	2.6	.5	.0	.3	.0	.0	.0	3.3	.1
NW	2.3	6.1	.3	.0	.0	.0	.0	8.7	.3
NNW	4.1	5.7	.0	.0	.0	.0	.0	10.0	.3
CALM	1.0							1.0	
TOTAL	62.3	34.4	2.3	.3	.0	.0	.3	100.0	.2

0. HOURS OF BAD OR MISSING DATA OR .0 PERCENT FOR 390 HOURS

TABLE 4A (Continued)

SLIGHTLY STABLE STABILITY CLASS E
 PERIOD OF RECORD: 7/ 1/91, 000-- 10/ 1/91, 000

WIND SPEED (M/S) AT 50-M LEVEL

		0-2	3-5	6-8	9-11	12-14	15-17	18 AND UP	TOTAL	AVG SPEED
WIND DIRECTION	N	2.0	1.3	.0	.0	.0	.0	.0	3.3	.1
	NNE	2.0	1.1	.1	.3	.0	.0	.0	3.6	.1
	NE	2.4	1.6	.1	.0	.0	.0	.0	4.2	.1
	ENE	2.2	1.3	.7	.1	.0	.0	.1	4.5	.2
	E	2.4	4.3	.6	.0	.0	.0	.1	7.5	.3
	ESE	5.3	4.3	.1	.0	.0	.0	.0	10.3	.3
	SE	9.1	3.2	.0	.1	.0	.0	.0	12.4	.3
	SSE	5.6	2.4	.1	.0	.0	.0	.0	7.9	.2
	S	7.1	2.0	.3	.0	.0	.0	.0	9.4	.2
	SSW	5.1	5.2	.1	.0	.0	.0	.0	11.4	.3
	SW	4.2	2.2	.1	.0	.0	.0	.0	6.2	.2
	WSW	1.7	1.0	.6	.0	.0	.0	.0	3.3	.1
	W	3.3	.4	.0	.0	.0	.0	.0	3.3	.1
	WNW	1.3	1.6	.0	.0	.0	.0	.0	2.9	.1
	NW	.9	1.6	.1	.0	.0	.0	.0	2.6	.1
	NNW	3.3	1.9	.0	.0	.0	.0	.0	5.2	.1
	CALM	.3							.3	
TOTAL		59.3	36.4	3.2	.6	.0	.0	.3	100.0	.2

0. HOURS OF BAD OR MISSING DATA OR .0 PERCENT FOR 692 HOURS

TABLE 4A (Continued)

MODERATELY STABLE STABILITY CLASS F
 PERIOD OF RECORD: 7/ 1/91, 000-- 10/ 1/91, 000

WIND SPEED (M/S) AT 50-M LEVEL

		0-2	3-5	6-8	9-11	12-14	15-17	18 AND UP	TOTAL	AVG SPEED
WIND DIRECTION	N	2.3	2.2	.0	.0	.0	.0	.0	5.2	.2
	NNE	1.6	1.7	.3	.3	.0	.0	.0	4.2	.2
	NE	1.7	1.6	.3	.0	.0	.0	.3	3.9	.2
	ENE	1.0	3.2	.6	.0	.0	.0	.0	5.9	.3
	E	1.0	1.2	.3	.0	.0	.0	.3	3.9	.3
	ESE	2.6	1.7	.0	.0	.0	.0	.0	3.9	.1
	SE	8.1	.6	.0	.0	.0	.0	.0	8.3	.2
	SSE	8.5	.5	.0	.0	.0	.0	.0	9.1	.3
	S	13.0	.0	.0	.0	.0	.0	.0	13.0	.2
	SSW	11.1	1.5	.0	.0	.0	.0	.0	12.7	.2
	SW	4.7	.7	.0	.0	.0	.0	.0	5.2	.1
	WSW	2.4	.3	.0	.0	.0	.0	.0	3.6	.1
	W	0.6	.0	.0	.0	.0	.0	.0	3.9	.1
	WNW	1.6	.0	.0	.0	.0	.0	.0	3.6	.0
	NW	1.4	.3	.0	.0	.0	.0	.0	2.3	.0
	NNW	4.2	1.2	.0	.0	.0	.0	.0	6.8	.2
CALM		3.9							3.9	
TOTAL		75.9	20.5	1.5	.3	.0	.0	.6	100.0	.2

0. HOURS OF BAD OR MISSING DATA OR .0 PERCENT FOR 307 HOURS

TABLE 4A (Continued)

TOTAL FREQUENCY DISTRIBUTION

PERIOD OF RECORD: 7/ 1/91, 000 --10/ 1/91, 000

WIND SPEED (M/S) AT 10-M LEVEL

		0-2	3-5	6-8	9-11	12-14	15-17	18 AND UP	TOTAL	AVG SPEED
WIND DIRECTION	N	4.5	.0	.0	.0	.0	.0	.0	4.5	.1
	NNE	6.0	.0	.0	.0	.0	.0	.0	6.0	.1
	NE	10.5	.0	.0	.0	.0	.0	.0	10.5	.1
	ENE	4.2	.0	.0	.0	.0	.0	.0	4.2	.0
	E	6.9	.0	.0	.0	.0	.0	.0	2.9	.0
	ESE	3.5	.0	.0	.0	.0	.0	.0	3.5	.0
	SE	5.6	.0	.0	.0	.0	.0	.0	3.6	.0
	ESE	5.7	.0	.0	.0	.0	.0	.0	5.7	.1
	SSE	5.8	.0	.0	.0	.0	.0	.0	5.8	.1
	SSW	6.0	.1	.0	.0	.0	.0	.0	6.1	.1
	WSW	3.5	.0	.0	.0	.0	.0	.0	3.5	.0
	WSW	2.7	.0	.0	.0	.0	.0	.0	2.7	.0
	W	3.1	.0	.0	.0	.0	.0	.0	3.1	.0
	WNW	3.6	.0	.0	.0	.0	.0	.0	3.6	.0
	NW	4.4	.1	.0	.0	.0	.0	.0	4.4	.1
	NNW	6.1	.2	.0	.0	.0	.0	.0	6.3	.1
CALM		6.1							23.3	
TOTAL		99.5	.5	.0	.0	.0	.0	.0	100.0	.1

3. HOURS OF BAD OR MISSING DATA OR .4 PERCENT FOR 2203 HOURS

TABLE 4A (Continued)

TOTAL FREQUENCY DISTRIBUTION

PERIOD OF RECORD: 7/ 1/91, 000 --10/ 1/91, 030

WIND SPEED (M/S) AT 50-M LEVEL

		0-2	3-5	6-8	9-11	12-14	15-17	18 AND UP	TOTAL	AVG SPEED
WIND DIRECTION	N	2.6	1.7	.0	.0	.0	.0	.0	4.3	.1
	NNE	2.0	1.6	.2	.1	.0	.0	.0	4.0	.1
	NE	2.2	1.9	.1	.0	.0	.0	.2	4.4	.2
	ENE	1.9	2.3	.4	.0	.0	.0	.1	4.6	.2
	E	3.0	2.4	.2	.0	.0	.0	.1	5.7	.2
	ESE	3.3	1.9	.0	.0	.0	.0	.0	5.3	.2
	SE	6.0	1.9	.0	.0	.0	.0	.0	7.9	.2
	ESE	5.4	1.5	.1	.0	.0	.0	.0	7.1	.2
	CS	6.0	1.0	.1	.0	.0	.0	.0	7.1	.2
	TSW	6.9	2.9	.0	.0	.0	.0	.0	9.9	.3
	ISW	5.3	2.2	.1	.0	.0	.0	.0	8.1	.2
	OSW	3.7	1.1	.4	.0	.0	.0	.0	5.2	.1
	NW	4.7	.7	.0	.0	.0	.0	.0	5.4	.1
	WNW	3.4	1.2	.1	.0	.0	.0	.0	4.3	.1
	NW	3.2	2.6	.1	.0	.0	.0	.0	6.0	.2
	NNW	4.9	2.9	.0	.0	.0	.0	.0	7.8	.2
CALM		4.9							1.7	
TOTAL		67.4	29.7	1.9	.4	.0	.0	.4	100.0	.2

3. HOURS OF 2AD OR MISSING DATA OR .4 PERCENT FOR 2208 HOURS

TABLE 4A (Continued)

PERIOD OF RECORD: 7/1/91. 000 -- 10/1/91. 000

PERCENT BAD DATA REPORT
REPORT COVERS 2208HOURS

	HOURS	PERCENT
50M DIRECTION	8.	.36
50M WIND SPEED	3.	.36
10M DIRECTION	3.	.36
10M WIND SPEED	2.	.36
TEMPERATURE	8.	.36
DEW POINT	44.	1.90
DELTA T	9.	.36
PRECIPITATION	3.	.36