

MAY 1993
 RICHMOND, VA
 NOAA-NATIONAL WEATHER SERVICE
 RIC INTL APT/EXECUTIVE TERMINAL

ISSN 0198-537X



LOCAL CLIMATOLOGICAL DATA

Monthly Summary

INQUIRIES/COMMENTS CALL
 (704) 271-4800

R.E. BYRD INTERNATIONAL AP.

LATITUDE 37° 30' N LONGITUDE 77° 20' W ELEVATION (GROUND) 164 FEET TIME ZONE EASTERN 13740

MAY 1993
 RICHMOND, VA

DATE	TEMPERATURE °F						DEGREE DAYS BASE 65°F		WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW	SNOW ICE PELLETS OR ICE ON GROUND AT 0700 INCHES	PRECIPITATION		AVERAGE STATION PRESSURE IN INCHES ELEV. 177 FEET ABOVE M.S.L.	WIND (M.P.H.)						SUNSHINE		SKY COVER (TENTHS)	
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	HEATING (SEASON BEGINS WITH JUL)	COOLING (SEASON BEGINS WITH JAN)	WATER EQUIVALENT (INCHES)			SNOW, ICE PELLETS (INCHES)	RESULTANT DIR.		RESULTANT SPEED	AVERAGE SPEED	PEAK GUST		FASTEST 1-MIN		MINUTES	PERCENT OF TOTAL POSSIBLE	SUNRISE TO SUNSET	MIDNIGHT TO MIDNIGHT
																SPEED	DIRECTION	SPEED	DIRECTION				
01	83	47	65	3	46	0	0	0	0.00	0.0	29.940	13	4.6	5.4	13	SE	12	12	717	87	6	6	
02	84	52	68	6	52	0	3	0	0.00	0.0	30.000	15	6.0	6.4	17	SE	12	14	540	65	5	7	
03	78	54	66	4	55	0	1	0	0.00	0.0	30.090	11	8.7	9.2	24	SE	17	12	450	54	9	9	
04	80	59	70	7	60	0	5	0	T	0.0	30.000	12	8.4	9.2	22	SE	16	10	407	49	8	9	
05	74	62	68	5	65	0	3	1 3	0.75	0.0	29.940	17	9.5	10.4	21	S	17	17	282	34	9	9	
06	81	58	70	7	59	0	5	2 8	0.00	0.0	29.880	27	2.2	4.8	15	NW	9	23	648	78	5	6	
07	80	56	68	5	53	0	3	1 8	0.00	0.0	29.910	03	4.4	7.2	17	N	15	09	692	83	2	2	
08	79	48	64	0	51	1	0	0	0.00	0.0	30.030	12	5.4	6.5	15	E	13	16	701	84	5	5	
09	82	54	68	4	57	0	3	8	0.00	0.0	30.010	15	6.1	6.9	15	SE	10	16	649	77	7	6	
10	85	58	72	8	58	0	7	8	0.00	0.0	29.960	15	4.8	5.6	15	S	10	17	657	78	3	2	
11	89	59	74	9	61	0	9	8	0.00	0.0	29.790	21	7.7	8.7	18	SW	15	22	679	81	2	3	
12	89*	61	75	10	62	0	10	1 3 8	0.49	0.0	29.540	24	6.6	9.3	37	NW	23	31	625	74	9	8	
13	78	59	69	4	62	0	4	1 8	0.75	0.0	29.470	23	3.6	8.3	28	N	18	01	349	41	10	10	
14	73	56	65	0	54	0	0	1	0.00	0.0	29.590	36	3.7	5.9	15	N	9	35	547	64	7	6	
15	83	53	68	2	57	0	3	1	0.00	0.0	29.670	20	10.5	10.6	26	SW	20	21	743	87	1	0	
16	86	58	72	6	60	0	7	1 3	0.25	0.0	29.685	20	7.8	10.1	37	N	29	34	716	84	3	4	
17	76	62	69	3	61	0	4	1 8	0.01	0.0	29.760	06	3.4	7.7	16	N	13	36	528	62	6	7	
18	74	61	68	1	63	0	3	1 3 8	1.56	0.0	29.630	12	2.6	6.7	29	NW	16	01	184	22	9	10	
19	73	59	66	-1	62	0	1	1	0.27	0.0	29.520	26	1.2	8.4	18	NE	14	01	284	33	10	10	
20	69	51	60	-7	48	5	0	1	T	0.0	29.590	34	9.2	9.5	24	N	16	35	500	58	9	8	
21	69	47	58	-9	42	7	0	0	0.00	0.0	29.730	34	6.6	7.1	20	N	17	31	648	75	4	3	
22	70	46	58*	-10	43	7	0	0	0.00	0.0	29.840	34	7.8	8.0	23	N	18	35	705	82	3	2	
23	78	46*	62	-6	47	3	0	0	0.00	0.0	29.920	20	4.2	5.3	17	S	13	22	602	70	8	7	
24	84	57	71	3	56	0	6	0	0.00	0.0	29.840	20	12.9	13.1	23	S	20	21	727	84	7	7	
25	86	64	75*	6	62	0	10	8	T	0.0	29.860	22	10.5	11.1	22	SW	14	25	512	59	8	7	
26	72	57	65	-4	58	0	0	1	0.23	0.0	29.940	27	1.4	6.9	16	N	12	03	159	18	8	7	
27	82	53	68	-1	56	0	3	2 8	0.00	0.0	29.990	20	5.8	6.4	16	SW	12	20	710	82	5	5	
28	88	58	73	4	61	0	8	1 8	0.00	0.0	29.900	21	11.7	12.2	29	SW	18	22	722	83	2	3	
29	86	60	73	3	59	0	8	8	0.01	0.0	29.820	31	3.4	9.2	21	N	15	36	620	71	6	5	
30	76	52	64	-6	48	1	0	0	0.00	0.0	29.905	09	4.4	7.8	20	NE	14	06	813	93	0	1	
31	83	58	71	1	61	0	6	1	0.34	0.0	29.640	18	11.3	11.9	25	S	21	19	397	45	9	9	
SUM	SUM	SUM	SUM	SUM	TOTAL	TOTAL	NUMBER OF DAYS		TOTAL	TOTAL	FOR THE MONTH:						TOTAL	%	SUM	SUM			
2470	1725	677	1.7	56.1	24	112	24		4.66	0.0	29.820	19	2.8	8.3	37	N	29	34	17513	FOR	185	183	
AVG.	AVG.	AVG.	AVG.	AVG.	DEP.	DEP.	PRECIPITATION		DEP.	DEP.	DATE: 16+						DATE: 16	POSSIBLE	MONTH	AVG.	AVG.		
79.7	55.6	67.7	1.7	56.1	-41	20	2.01 INCH.		10	0.82									26382	66	6.0	5.9	
NUMBER OF DAYS						SEASON TO DATE		SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES						GREATEST DEPTH ON GROUND OF							
						TOTAL	TOTAL	≥ 1.0 INCH								SNOW, ICE PELLETS OR ICE AND DATE							
MAXIMUM TEMP.		MINIMUM TEMP.		3848		126		THUNDERSTORMS		4		PRECIPITATION		SNOW, ICE PELLETS									
≥ 90°		≤ 32°		≤ 32°		≤ 0°		HEAVY FOG		2		1.75		18-19		0.0							
0		0		0		-112		24		CLEAR 8		PARTLY CLOUDY 11		CLOUDY 12									

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
 † TRACE AMOUNT.
 + ALSO ON EARLIER DATE(S).
 HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
 BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

DATA IN COLS 6 AND 12-15 ARE BASED ON 21 OR MORE OBSERVATIONS AT HOURLY INTERVALS. RESULTANT WIND IS THE VECTOR SUM OF WIND SPEEDS AND DIRECTIONS DIVIDED BY THE NUMBER OF OBSERVATIONS. COLS 16 & 17: PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED. ONE OF TWO WIND SPEEDS IS GIVEN UNDER COLS 18 & 19: FASTEST MILE - HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES STATION (DIRECTION IN COMPASS POINTS). FASTEST OBSERVED ONE MINUTE WIND - HIGHEST ONE MINUTE SPEED (DIRECTION IN TENS OF DEGREES). ERRORS WILL BE CORRECTED IN SUBSEQUENT PUBLICATIONS.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

Kenneth D. Wadsworth

DIRECTOR NATIONAL CLIMATIC DATA CENTER

OBSERVATIONS AT 3-HOUR INTERVALS

MAY 1993
RICHMOND, VA

13740

HOUR L.S.T.	MAY 1st								MAY 2nd								MAY 3rd														
	SKY COVER (TENTHS)	CELLING IN HUNDREDS OF FEET	VISI-BILITY		TEMPERATURE			WIND		SKY COVER (TENTHS)	CELLING IN HUNDREDS OF FEET	VISI-BILITY		TEMPERATURE			WIND		SKY COVER (TENTHS)	CELLING IN HUNDREDS OF FEET	VISI-BILITY		TEMPERATURE			WIND					
			WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %	DIRECTION			SPEED (KNOTS)	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %			DIRECTION	SPEED (KNOTS)	WHOLE MILES	16THS MILE	AIR OF	WET BULB OF	DEN POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)	
01	6	UNL	8		51	45	38	61	13	3	10	UNL	8		60	55	51	72	17	4	10	UNL	8		62	56	50	65	13	4	
04	6	UNL	8		51	45	37	59	13	3	8	UNL	7		56	52	49	78	15	3	10	UNL	8		56	53	50	80	00	0	
07	8	UNL	8		54	48	42	64	00	0	0	UNL	7		59	55	51	75	00	0	10	UNL	7		60	56	53	78	09	4	
10	8	UNL	10		71	59	49	46	10	5	1	UNL	8		75	64	56	52	00	0	7	250	7		72	65	60	66	11	7	
13	7	UNL	10		80	62	49	34	11	5	4	UNL	8		83	64	51	33	15	10	7	140	8		78	62	50	38	14	13	
16	1	UNL	10		83	62	45	26	00	0	10	120	8		79	64	54	42	16	10	10	150	8		74	64	57	56	11	10	
19	7	UNL	8		73	61	51	46	12	10	10	100	8		72	62	54	53	12	7	10	UNL	8		67	62	59	76	10	11	
22	2	UNL	8		62	57	52	70	11	5	10	200	8		67	59	52	59	14	8	8	120	7		61	60	59	93	10	8	
MAY 4th																															
01	10	4	6	F	59	58	58	97	10	6	10	70	8		65	63	62	90	14	8	10	130	5	F	61	60	60	97	23	8	
04	10	4	5	F	59	58	58	97	05	4	10	20	5		64	63	63	97	14	7	10	1	2	F	59	59	59	100	28	3	
07	10	5	2	F	62	60	59	90	11	6	10	6	7	RWF	65	64	64	97	17	8	8	1	0	12	F	60	60	60	100	24	3
10	8	70	8		71	65	61	71	11	7	10	8	6	F	68	67	66	93	18	10	2	UNL	6	H	74	68	64	71	32	4	
13	7	36	8		76	66	60	58	13	10	10	13	7		73	69	67	82	18	13	5	UNL	7		80	67	59	49	31	7	
16	8	75	10		77	67	61	58	10	14	9	100	10		72	68	66	82	17	12	5	UNL	7		79	66	57	47	35	4	
19	10	250	10		70	65	61	73	11	11	9	17	10		69	67	65	87	18	7	3	UNL	7		73	65	60	64	23	3	
22	10	250	8		65	63	61	87	12	8	10	29	5	TRW	63	62	62	97	05	6	0	UNL	6	H	64	62	61	90	20	3	
MAY 5th																															
01	2	UNL	5	H	61	60	59	93	17	5	3	UNL	8		53	51	50	90	00	0	5	UNL	7		57	55	53	87	13	5	
04	0	UNL	5	FH	61	60	60	97	31	3	0	UNL	8		50	49	48	93	12	4	8	55	7		55	54	53	93	00	0	
07	0	UNL	8		63	56	50	63	36	8	1	UNL	8		57	54	51	81	03	7	3	UNL	6	H	60	58	56	87	16	4	
10	2	UNL	10		73	61	52	48	34	7	2	UNL	10		71	61	54	55	12	5	10	UNL	8		73	62	55	53	18	9	
13	2	UNL	10		78	62	51	39	01	8	7	UNL	10		78	63	52	41	13	10	8	UNL	7		78	67	61	56	13	6	
16	2	UNL	10		79	63	52	39	04	6	9	UNL	10		77	62	51	40	11	9	6	UNL	7		81	69	62	53	18	9	
19	0	UNL	10		69	61	55	61	08	9	10	UNL	10		68	58	50	53	11	8	7	UNL	7		74	66	61	64	12	8	
22	0	UNL	8		59	54	50	72	14	3	7	UNL	10		60	57	54	81	13	5	3	UNL	7		66	61	58	76	13	5	
MAY 6th																															
01	10	130	4	RWF	65	64	63	93	20	8	10	7	2	F	59	58	58	97	34	7	0	UNL	7		56	55	54	93	19	5	
04	6	120	5	F	63	63	63	100	22	4	10	5	2	F	57	56	56	97	36	5	0	UNL	7		54	54	53	96	00	0	
07	10	100	6	F	65	64	63	93	21	8	10	90	2	F	57	56	55	93	02	6	0	UNL	6	F	61	58	56	84	20	8	
10	10	250	7		72	67	64	76	23	8	9	95	7		63	58	55	75	35	8	0	UNL	8		74	64	58	58	21	10	
13	10	250	7		77	69	64	64	19	8	8	UNL	8		68	59	53	59	35	6	0	UNL	10		81	67	58	46	20	13	
16	10	250	7		74	67	63	69	22	6	5	UNL	8		71	58	48	44	30	4	1	UNL	10		82	68	59	46	21	17	
19	10	13	2	RWF	62	60	59	90	36	3	0	UNL	8		66	59	53	63	13	4	0	UNL	10		76	65	58	54	20	12	
22	10	5	1	RWF	60	59	59	97	03	7	0	UNL	7		57	55	54	90	14	3	0	UNL	8		69	63	59	71	19	9	
MAY 7th																															
01	2	UNL	5	H	61	60	59	93	17	5	3	UNL	8		53	51	50	90	00	0	5	UNL	7		57	55	53	87	13	5	
04	0	UNL	5	FH	61	60	60	97	31	3	0	UNL	8		50	49	48	93	12	4	8	55	7		55	54	53	93	00	0	
07	0	UNL	8		63	56	50	63	36	8	1	UNL	8		57	54	51	81	03	7	3	UNL	6	H	60	58	56	87	16	4	
10	2	UNL	10		73	61	52	48	34	7	2	UNL	10		71	61	54	55	12	5	10	UNL	8		73	62	55	53	18	9	
13	2	UNL	10		78	62	51	39	01	8	7	UNL	10		78	63	52	41	13	10	8	UNL	7		78	67	61	56	13	6	
16	2	UNL	10		79	63	52	39	04	6	9	UNL	10		77	62	51	40	11	9	6	UNL	7		81	69	62	53	18	9	
19	0	UNL	10		69	61	55	61	08	9	10	UNL	10		68	58	50	53	11	8	7	UNL	7		74	66	61	64	12	8	
22	0	UNL	8		59	54	50	72	14	3	7	UNL	10		60	57	54	81	13	5	3	UNL	7		66	61	58	76	13	5	
MAY 8th																															
01	5	UNL	7		61	57	53	75	14	4	0	UNL	6	H	63	59	55	75	15	5	0	UNL	5	H	70	64	60	71	26	6	
04	0	UNL	7		59	55	52	78	16	5	0	UNL	6	H	60	57	54	81	15	4	5	UNL	3	H	63	61	59	87	25	4	
07	8	42	7		64	58	53	68	16	4	0	UNL	7	H	64	59	56	75	17	5	3	UNL	6	H	70	65	61	73	26	5	
10	6	UNL	7		75	66	60	60	16	3	0	UNL	5	H	79	70	65	62	21	7	10	UNL	7		81	69	63	54	14	3	
13	4	UNL	6	H	81	70	64	56	17	9	3	UNL	5	H	87	74	67	52	22	13	10	UNL	7		86	70	61	43	23	9	
16	1	UNL	6	H	85	70	62	46	20	8	0	UNL	5	H	88	72	64	45	21	12	10	250	6	H	86	70	62	45	22	14	
19	0	UNL	6	H	75	67	63	66	10	5	9	UNL	5	H	81	71	65	58	21	7	10	31	5	TH	78	68	63	60	31	20	
22	0	UNL	6	H	66	61	57	73	13	4	10	UNL	5	H	75	69	65	71	23	9	10	130	4	F	65	64	64	97	20	9	
MAY 9th																															
01	10	130	4	RWF	65	64	63	93	20	8	10	7	2	F	59	58	58	97	34	7	0	UNL	7		56	55	54	93	19	5	
04	6	120	5	F	63	63	63	100	22	4	10	5	2	F	57	56	56	97	36	5	0	UNL	7		54	54	53	96	00	0	
07	10	100	6	F	65	64	63	93	21	8	10	90	2	F	57	56	55	93	02	6	0	UNL	6	F	61	58	56	84	20	8	
10	10	250	7		72	67	64	76	23	8	9	95	7		63	58	55	75	35	8	0	UNL	8		74	64	58	58	21	10	
13	10	250	7		77	69	64	64	19	8	8	UNL	8		68	59	53	59	35	6	0	UNL	10		81	67	58	46	20	13	
16	10	250	7		74	67	63	69	22	6	5	UNL	8		71	58	48	44	30	4	1	UNL	10		82	68	59	46	21	17	
19	10	13	2	RWF	62	60	59	90	36	3	0	UNL	8		66	59	53	63	13	4	0	UNL	10		76	65	58	54	20	12	
22	10	5	1	RWF	60	59	59	97	03	7	0	UNL	7		57	55	54	90	14	3	0										

OBSERVATIONS AT 3-HOUR INTERVALS

MAY 1993
RICHMOND, VA

13740

HOUR L.S.T.	SKY COVER (TENTHS)			VISI-BILITY	WEATHER	TEMPERATURE				WIND		SKY COVER (TENTHS)	VISI-BILITY			WEATHER	TEMPERATURE				WIND	
	CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE			AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)		CEILING IN HUNDREDS OF FEET	WHOLE MILES	16THS MILE		AIR OF	WET BULB OF	DEW POINT OF	REL HUMIDITY %	DIRECTION	SPEED (KNOTS)
MAY 19th																						
01	10	85	2		RMF	62	61	61	97	17	10	10	55	3		F	59	58	58	97	02	3
04	10	90	3		F	63	62	61	93	26	7	10	60	3			58	56	55	90	36	12
07	10	UNL	6		F	65	64	63	93	22	5	10	43	7			56	51	46	69	35	10
10	10	14	7			71	66	63	76	17	4	10	50	7			57	51	46	67	34	13
13	10	50	5		RF	68	66	65	90	20	10	10	55	7			66	55	46	49	33	8
16	10	29	8			68	66	64	87	01	12	8	50	8			66	55	46	49	32	9
19	10	5	2		RF	63	62	62	97	35	8	9	UNL	10			60	53	46	60	36	5
22	10	37	5		F	60	59	58	93	03	7	3	UNL	10			54	50	47	77	33	5
MAY 20th																						
MAY 21st																						
01	0	UNL	10			49	48	46	90	00	0	0	UNL	10			48	47	45	89	00	0
04	0	UNL	8			48	46	43	83	32	7	0	UNL	10			47	46	45	93	00	0
07	3	UNL	8			53	49	45	74	34	10	7	UNL	7			56	53	51	83	34	3
10	0	UNL	8			64	54	44	48	35	12	10	UNL	8			72	58	46	40	17	4
13	7	60	10			67	54	41	39	32	10	3	UNL	10			76	58	42	30	18	6
16	8	70	12			67	53	39	36	32	12	10	120	10			76	59	44	32	22	11
19	0	UNL	12			63	53	43	48	01	3	9	140	10			69	59	51	53	19	6
22	0	UNL	12			50	48	46	86	00	0	9	140	10			63	57	53	70	17	5
MAY 22nd																						
MAY 23rd																						
MAY 24th																						
01	4	UNL	8			66	61	57	73	20	12	10	120	7			66	64	62	87	23	7
04	3	UNL	8			64	61	58	81	20	8	10	55	7		R	66	64	62	87	31	7
07	6	UNL	8			69	63	59	71	22	8	10	55	2		RF	59	58	57	93	36	7
10	10	UNL	8			80	69	63	56	22	8	10	37	2			59	58	57	93	02	6
13	9	110	6		H	83	69	60	46	23	11	10	55	8			63	60	57	81	05	3
16	10	80	6		H	77	70	66	59	22	9	5	UNL	8			72	64	58	62	21	6
19	10	80	6		H	73	69	67	82	21	7	0	UNL	8			65	62	59	81	19	8
22	7	120	6		H	68	66	64	87	22	8	0	UNL	8			61	59	58	90	21	8
MAY 25th																						
MAY 26th																						
MAY 27th																						
01	5	UNL	5		FH	59	57	56	90	19	7	6	UNL	6		H	72	65	60	66	22	9
04	5	UNL	5		FH	60	58	56	87	19	8	7	UNL	6		H	69	64	60	73	23	9
07	7	75	7			65	62	59	81	20	8	5	UNL	6		H	73	66	62	69	23	8
10	1	UNL	7			79	69	63	58	20	10	0	UNL	6		H	84	72	66	55	24	8
13	2	UNL	7			86	71	62	45	25	14	9	95	6		H	83	72	66	57	02	9
16	2	UNL	7			86	71	62	45	23	16	8	300	6		H	77	68	63	62	36	10
19	0	UNL	7			79	69	64	60	20	10	4	UNL	10			72	59	48	43	02	10
22	0	UNL	7			75	67	62	64	20	11	5	UNL	10			62	54	47	58	04	4
MAY 28th																						
MAY 29th																						
MAY 30th																						
01	8	55	10			59	54	49	70	15	8	7	75	10			57	53	49	75	36	4
04	10	30	10			60	55	50	70	15	9	0	UNL	10			53	50	48	83	36	7
07	10	22	10			62	57	53	73	17	6	1	UNL	10			60	54	48	65	06	8
10	10	18	10			71	64	60	68	20	10	0	UNL	12			67	55	43	42	08	6
13	9	33	8			80	70	65	60	18	15	9	UNL	12			74	59	46	37	13	6
16	8	55	7			78	71	67	69	19	18	0	UNL	12			75	60	48	39	17	6
19	10	11	7			70	69	68	93	18	10	1	UNL	12			69	59	52	55	14	5
22	10	4	7			69	68	68	97	18	8	2	UNL	12			58	55	52	81	14	8
MAY 31st																						
01	8	55	10			59	54	49	70	15	8	7	75	10			57	53	49	75	36	4
04	10	30	10			60	55	50	70	15	9	0	UNL	10			53	50	48	83	36	7
07	10	22	10			62	57	53	73	17	6	1	UNL	10			60	54	48	65	06	8
10	10	18	10			71	64	60	68	20	10	0	UNL	12			67	55	43	42	08	6
13	9	33	8			80	70	65	60	18	15	9	UNL	12			74	59	46	37	13	6
16	8	55	7			78	71	67	69	19	18	0	UNL	12			75	60	48	39	17	6
19	10	11	7			70	69	68	93	18	10	1	UNL	12			69	59	52	55	14	5
22	10	4	7			69	68	68	97	18	8	2	UNL	12			58	55	52	81	14	8

WEATHER CODES

- * TORNADO
- T THUNDERSTORM
- Q SQUALL
- R RAIN
- RW RAIN SHOWERS
- ZR FREEZING RAIN
- L DRIZZLE
- ZL FREEZING DRIZZLE
- S SNOW
- SW SNOW SHOWERS
- SG SNOW GRAINS
- SP SNOW PELLETS
- IC ICE CRYSTALS
- IP ICE PELLETS
- IPW ICE PELLET SHOWERS
- A HAIL
- F FOG
- IF ICE FOG
- GF GROUND FOG
- BD BLOWING DUST
- BS BLOWING SAND
- BN BLOWING SNOW
- BY BLOWING SPRAY
- K SMOKE
- H HAZE
- D DUST

CEILING: UNL INDICATES UNLIMITED
 WIND DIRECTION: DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS, INDICATED IN TENS OF DEGREES FROM TRUE NORTH: 1.E., 09 FOR EAST, 18 FOR SOUTH 27 FOR WEST. AN ENTRY OF 00 INDICATES CALM.
 SPEED: THE OBSERVED AVERAGE ONE-MINUTE VALUE, EXPRESSED IN KNOTS (MPH=KNOTS X 1.15).

SUMMARY BY HOURS

HOUR L.S.T.	AVERAGES							RESULTANT WIND	
	SKY COVER (TENTHS)	STATION PRESSURE (INCHES)	TEMPERATURE			REL HUMIDITY %	WIND SPEED (MPH)	DIRECTION	SPEED (MPH)
			AIR TEMP OF	WET BULB OF	DEW POINT OF				
01	6	29.820	60	57	55	84	6.6	18	3.7
04	5	29.820	58	56	54	87	5.8	23	1.5
07	6	29.850	61	58	55	81	7.1	22	0.8
10	5	29.855	72	63	57	62	8.5	20	2.0
13	6	29.820	77	65	56	51	10.6	20	4.6
16	7	29.780	77	65	57	51	11.0	20	5.2
19	6	29.780	71	63	58	66	9.2	15	2.2
22	5	29.820	63	59	57	82	6.9	16	3.8

