



MARCH 2000

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

OAK RIDGE, TN

OAK RIDGE (OQT)
 Lat: 36°01' N Long: 84°14' W Elev (Ground): 910 Feet
 Time Zone: EASTERN WBAN: 53868 ISSN #: -

MARCH 2000
OAK RIDGE, TN

DATE	TEMPERATURE °F							DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION (INCHES)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								DATE																						
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING	0700 LST		1300 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM																												
																			5-SEC		2-MIN																										
																			SPEED	DIR	SPEED	DIR																									
1	2	3	4	5	6	7	8	9	11	12	13	14	15	16	17	18	19	20	21	22	23	24																									
01	71	45	58	15	45	51	7	0					0.06	29.08	30.04	3.4	25	5.3	21	25	14	28	01																								
02	62	39	51	8	32	42	14	0					0.00	29.14	30.12	3.0	01	4.9	21	35	14	35	02																								
03	57	40	49	5	35	42	16	0					0.05	29.01	29.99	2.1	06	2.9	18	06	12	04	03																								
04	63	41	52	8	39	45	13	0					0.97	28.91	29.89	1.1	03	2.5	16	08	13	07	04																								
05	68	32	50	6	34	42	15	0					0.00	29.09	30.08	0.4	14	.7	10	12	8	13	05																								
06	74	36	55	10	38	47	10	0					0.00	29.22	30.20	0.2	12	1.0	8	21	7	07	06																								
07	78	38	58	13	39	49	7	0					0.00	29.27	30.24	1.1	21	1.8	15	19	10	19	07																								
08	79	44	62	17	45	53	3	0					0.00	29.14	30.10	2.1	21	3.0	17	21	13	20	08																								
09	77	54	66	20	53	58	0	1					0.02	29.01	29.96	4.0	22	5.5	24	22	20	21	09																								
10	78	48	63	17	54	56	2	0					0.24	29.05	30.01	1.1	20	2.2	18	01	13	02	10																								
11	61	37	49	3	51	52	16	0					1.19	28.90	29.86	5.7	24	8.6	30	27	21	26	11																								
12	45	31	38*	-9	26	32	27	0					T	29.23	30.23	2.0	29	3.9	21	28	16	29	12																								
13	55	28*	42	-5	27	35	23	0					0.00	29.32	30.33	0.7	12	2.1	12	22	9	19	13																								
14	64	30	47	0	30	39	18	0					0.00	29.29	30.29	0.5	19	.9	14	15	10	17	14																								
15	69	41	55	7	40	49	10	0					0.00	29.21	30.19	2.6	22	3.7	20	22	14	20	15																								
16	59	52	56	8	52	53	9	0					0.17	28.98	29.94	0.9	02	1.1	18	35	14	36	16																								
17	56	38	47	-1	35	42	18	0					0.00	29.22	30.21	6.1	03	7.7	22	06	17	07	17																								
18	59	33	46	-3	29	40	19	0					T	29.28	30.28	2.1	07	4.7	17	05	13	06	18																								
19	60	48	54	5	45	49	11	0					0.46	29.04	30.01	2.1	05	3.4	22	10	16	11	19																								
20	62	49	56	7	46	50	9	0					0.62	28.96	29.94	1.4	24	4.6	20	26	17	07	20																								
21	66	41	54	4	42	47	11	0					0.00	29.24	30.22	3.2	04	4.2	17	05	15	07	21																								
22	68	40	54	4	42	48	11	0					0.00	29.33	30.31	5.1	05	5.4	20	05	16	06	22																								
23	74	43	59	9	44	51	6	0					0.00	29.26	30.23	1.3	05	2.1	14	09	9	07	23																								
24	76	46	61	11	47	54	4	0					0.00	29.17	30.13	2.2	23	3.7	18	20	14	20	24																								
25	79*	54	67*	16	52	58	0	2					0.02	29.08	30.03	2.7	23	5.0	23	28	18	28	25																								
26	71	47	59	8	39	50	6	0					0.00	28.97	29.92	0.8	17	2.6	14	15	12	15	26																								
27	65	43	54	3	40	47	11	0					0.61	28.63	29.58	2.3	26	4.3	22	27	14	28	27																								
28	64	39	52	0	29	41	13	0					T	28.62	29.59	6.6	28	8.2	38*	27	24*	26	28																								
29	54	32	43	-9	31	39	22	0					0.20	28.98	29.97	0.9	06	2.2	13	01	9	09	29																								
30	59	43	51	-1	46	48	14	0					0.32	28.99	29.97	5.1	05	5.3	16	07	13	07	30																								
31	72	43	58	5	36	47	7	0					0.00	29.11	30.09	2.7	06	3.1	16	06	13	06	31																								
< MONTHLY AVERAGES											TOTALS-->		<- MONTHLY AVERAGES																																		
5.9											5.4		5.7		<----- DEPARTURE FROM NORMAL ----->											- .75											SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3										
DEGREE DAYS											GREATEST 24-HR PRECIPITATION: 1.19 DATE: 11											SEA LEVEL PRESSURE DATE TIME																									
MONTHLY TOTAL DEPARTURE											GREATEST 24-HR SNOWFALL: DATE: DATE:											MAXIMUM : 30.42 13 0853																									
SEASON TO DATE TOTAL DEPARTURE											GREATEST SNOW DEPTH: DATE: DATE:											MINIMUM : 29.43 28 0953																									
HEATING: 352 -178 3000 -835											NUMBER OF DAYS WITH =>											PRECIPITATION ≥ 0.01 INCH : 13																									
COOLING: 3 3 3 3											MAXIMUM TEMP ≥ 90: 0											PRECIPITATION ≥ 0.10 INCH : 9																									
											MAXIMUM TEMP ≤ 32 : 0											SNOWFALL ≥ 1.0 INCH :																									
											THUNDERSTORMS : 0											MINIMUM TEMP ≤ 32 : 5																									
																						MINIMUM TEMP ≤ 0 : 0																									
																						HEAVY FOG : 1																									

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

OAK RIDGE, TN

MARCH 2000

OQT

WBAN # 53868

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	2400 LST	
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			Water	Equiv.
01								0.02	0.04				01												01		0.06		
02													02												02		0.00		
03							0.01	T					03							0.03	0.01				03		0.05		
04				0.07	0.28	0.14	0.16	0.14	0.13	0.05			04												04		0.97		
05													05												05		0.00		
06													06												06		0.00		
07													07												07		0.00		
08													08												08		0.00		
09									0.01	T	0.01		09												09		0.02		
10													10						T	T			0.02	0.15	10	0.17	0.24		
11	0.23	0.26	0.26	0.11	0.03								11	0.01	T	0.02	0.11	0.01	0.06					11	1.23	1.19			
12		T	T							T	0.02	0.03	12											12		T			
13													13												13		0.00		
14													14												14		0.00		
15													15												15		0.00		
16													16	0.02	T	0.02	0.03	0.02	T	T				16		0.17			
17													17												17		0.00		
18													18						T						18		T		
19		0.01	T		T	T		T					19			0.02	0.06	0.09	0.10	0.02				19	0.42	0.46			
20	0.38	0.26	0.02			T							20										T	0.12	20	0.66	0.62		
21													21												21		0.00		
22													22												22		0.00		
23													23												23		0.00		
24													24												24		0.00		
25					T	T							25										T	0.02	25		0.02		
26													26												26		0.00		
27							0.24	0.07	0.12	0.10	0.07	0.01	27												27		0.61		
28							T	T					28												28		T		
29													29			T	T							0.08	0.11	0.01	0.20		
30	T	0.01	T		0.05	0.14	0.12	T					30											T	30		0.32		
31													31												31		0.00		

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)												
Ending Date												
Ending Time (Hour/Min)												

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

MARCH 2000

OQT

WBAN # 53868

HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)					
	SKY COVER	CEILING 100'S OF FT			OBSERVATION TIME (LST)	EFF CLD AMT Oktas	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL			SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0706					MAR 01					SUNSET: 1832					SUNRISE: 0658					MAR 07					SUNSET: 1838				
01	CLR	NC	10.00		50	36	44	59	3	22	29.13	30.11	01	CLR	NC	10.00		46	40	43	79	0	00	29.26	30.23				
04	FEW	NC	10.00		46	37	42	71	0	00	29.09	30.06	04	CLR	NC	10.00		41	39	40	93	0	00	29.27	30.24				
07	OVC	090	10.00		51	40	46	66	5	23	29.09	30.06	07	CLR	NC	10.00		38	38	38	100	0	00	29.32	30.31				
10	CLR	NC	10.00		55	49	52	80	7	25	29.08	30.06	10	CLR	NC	10.00		56	43	49	62	0	00	29.37	30.35				
13	BKN	070	10.00		65	53	58	66	9	23	29.06	30.02	13	CLR	NC	10.00		73	40	56	30	5	VR	29.30	30.27				
16	SCT	NC	10.00		70	48	58	46	7	VR	29.02	29.98	16	CLR	NC	10.00		78	36	56	22	3	21	29.21	30.17				
19	CLR	NC	10.00		66	46	55	49	6	VR	29.05	30.01	19	CLR	NC	10.00		72	37	54	28	0	00	29.21	30.19				
22	CLR	NC	10.00		59	45	52	60	3	31	29.08	30.06	22	CLR	NC	10.00		58	42	50	56	0	00	29.21	30.19				
SUNRISE: 0705					MAR 02					SUNSET: 1833					SUNRISE: 0657					MAR 08					SUNSET: 1839				
01	CLR	NC	10.00		52	35	44	53	10	01	29.13	30.10	01	CLR	NC	10.00		52	40	46	64	0	00	29.19	30.15				
04	CLR	NC	10.00		46	33	40	61	6	34	29.13	30.11	04	CLR	NC	10.00		49	39	44	69	3	22	29.18	30.14				
07	CLR	NC	10.00		40	33	37	77	0	00	29.17	30.16	07	CLR	NC	10.00		44	40	42	85	0	00	29.23	30.20				
10	CLR	NC	10.00		48	34	42	58	5	VR	29.19	30.18	10	CLR	NC	10.00		63	43	53	48	5	20	29.23	30.20				
13	CLR	NC	10.00		55	33	45	44	5	27	29.15	30.14	13	CLR	NC	10.00		74	46	58	37	3	VR	29.16	30.11				
16	CLR	NC	10.00		60	26	45	27	3	18	29.08	30.06	16	CLR	NC	10.00		79	47	61	32	10	21	29.06	30.01				
19	CLR	NC	10.00		55	28	43	36	6	02	29.09	30.08	19	CLR	NC	10.00		71	49	59	46	0	00	29.04	30.00				
22	CLR	NC	10.00		48	32	41	54	6	07	29.13	30.12	22	CLR	NC	10.00		66	48	56	52	3	VR	29.06	30.01				
SUNRISE: 0704					MAR 03					SUNSET: 1834					SUNRISE: 0656					MAR 09					SUNSET: 1839				
01	CLR	NC	10.00		45	30	39	56	6	05	29.10	30.09	01	CLR	NC	10.00		61	47	54	60	3	VR	29.04	29.98				
04	CLR	NC	10.00		40	32	37	73	0	00	29.10	30.09	04	CLR	NC	10.00		55	47	51	74	3	VR	29.04	29.98				
07	OVC	065	10.00	-RA	41	34	38	76	12	05	29.05	30.03	07	BKN	060	10.00		56	47	51	72	0	00	29.03	29.97				
10	CLR	NC	10.00		45	33	40	63	6	VR	29.08	30.06	10	OVC	030	8.00		60	52	56	75	3	29	29.04	29.99				
13	BKN	110	10.00		54	32	44	43	0	00	29.03	30.01	13	CLR	NC	10.00		77	53	63	44	12	23	28.95	29.90				
16	BKN	085	10.00		56	31	45	39	0	00	28.92	29.90	16	FEW	NC	10.00		70	58	63	66	9	21	28.98	29.93				
19	BKN	050	10.00		54	35	45	49	3	04	28.93	29.91	19	CLR	NC	10.00		64	58	60	81	0	00	29.03	29.98				
22	CLR	NC	10.00		45	43	44	93	0	00	28.92	29.91	22	CLR	NC	9.00		64	58	60	81	0	00	29.03	29.98				
SUNRISE: 0702					MAR 04					SUNSET: 1835					SUNRISE: 0654					MAR 10					SUNSET: 1840				
01	CLR	NC	8.00		41	40	41	96	0	00	28.84	29.82	01	CLR	NC	6.00	BR	57	55	56	93	0	00	29.05	29.99				
04	CLR	NC	2.50	+RA BR	42	42	42	100	6	24	28.85	29.83	04	VV	001	0.50	FG	51	51	51	100	0	00	29.05	30.00				
07	OVC	043	3.00	RA BR	43	43	43	100	3	03	28.85	29.82	07	VV	001	0.25	FG	48	48	48	100	0	00	29.09	30.06				
10	OVC	035	7.00		45	43	44	93	0	00	28.92	29.91	10	CLR	NC	10.00		63	48	55	58	0	00	29.10	30.06				
13	CLR	NC	10.00		56	43	49	62	0	00	28.91	29.89	13	CLR	NC	10.00		75	57	64	54	3	VR	29.05	29.99				
16	BKN	065	10.00		61	32	47	34	0	00	28.90	29.88	16	BKN	060	10.00		68	54	60	61	9	04	29.01	29.96				
19	CLR	NC	10.00		57	32	46	39	5	33	28.96	29.94	19	BKN	090	10.00	-RA	59	56	57	90	0	00	29.04	30.01				
22	CLR	NC	10.00		51	33	43	50	0	00	29.02	30.01	22	BKN	100	7.00		57	56	56	96	0	00	29.00	29.96				
SUNRISE: 0701					MAR 05					SUNSET: 1836					SUNRISE: 0653					MAR 11					SUNSET: 1841				
01	CLR	NC	10.00		40	35	38	83	0	00	29.04	30.02	01	OVC	065	4.00	RA BR	55	55	55	100	3	03	28.98	29.93				
04	CLR	NC	10.00		36	34	35	93	0	00	29.06	30.04	04	OVC	014	7.00	-RA	55	55	55	100	0	00	28.92	29.86				
07	CLR	NC	7.00		33	32	33	96	0	00	29.10	30.10	07	OVC	010	5.00	BR	55	55	55	100	0	00	28.93	29.89				
10	CLR	NC	10.00		49	35	43	59	0	00	29.13	30.12	10	OVC	014	10.00	-RA	58	56	57	93	8	20	28.91	29.87				
13	CLR	NC	10.00		62	27	46	26	3	VR	29.10	30.09	13	OVC	019	10.00	-RA	60	57	58	90	7	19	28.83	29.79				
16	CLR	NC	10.00		67	32	50	27	0	00	29.06	30.03	16	OVC	047	10.00		59	56	57	90	6	23	28.77	29.73				
19	CLR	NC	10.00		63	33	49	33	0	00	29.08	30.06	19	BKN	034	10.00		51	43	47	74	13	27	28.86	29.83				
22	CLR	NC	10.00		49	39	44	69	0	00	29.11	30.10	22	OVC	030	10.00		41	32	37	70	14	27	29.00	29.98				
SUNRISE: 0660					MAR 06					SUNSET: 1837					SUNRISE: 0651					MAR 12					SUNSET: 1842				
01	CLR	NC	10.00		38	36	37	93	0	00	29.16	30.14	01	OVC	024	10.00		36	29	33	76	10	28	29.07	30.06				
04	CLR	NC	10.00		37	35	36	93	0	00	29.22	30.21	04	OVC	023	10.00		34	28	32	79	9	25	29.11	30.10				
07	CLR	NC	10.00		54	41	48	62	0	00	29.26	30.24	07	OVC	027	10.00		34	25	31	70	3	25	29.18	30.18				
10	CLR	NC	10.00		70	38	54	31	0	00	29.24	30.21	10	OVC	030	10.00		35	23	31	61	5	VR	29.24	30.26				
13	CLR	NC	10.00		70	38	54	31	0	00	29.24	30.21	13	OVC	038	10.00		38	24	33	57	5	VR	29.26	30.27				
16	CLR	NC	10.00		74	35	54	24	3	35	29.19	30.16	16	FEW	NC	10.00		43	25	36	49	7	08	29.23	30.24				
19	CLR	NC	10.00		65	39	52	39	0	00	29.21	30.20	19	CLR	NC	10.00		41	22	34	47	3	01	29.28	30.29				
22	CLR	NC	10.00		52	42	47	69	0	00	29.25	30.23	22	CLR	NC	10.00		34	28	32	79	0	00	29.31	30.33				

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

MARCH 2000

OQT

WBAN # 53868

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)							
	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Otktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)		DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Otktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0650 MAR 13				SUNSET: 1843				SUNRISE: 0641 MAR 19				SUNSET: 1848																	
01	CLR	NC		10.00	30	27	29	88	0	00	29.32	30.34	01	OVC	040		10.00	53	41	47	64	6	26	29.19	30.17				
04	CLR	NC		9.00	29	27	28	92	0	00	29.31	30.33	04	OVC	038		10.00	50	41	46	71	0	00	29.16	30.14				
07	SCT	NC		10.00	31	28	30	89	0	00	29.38	30.40	07	BKN	075		10.00	48	45	47	89	0	00	29.15	30.14				
10	OVC	110		10.00	39	28	35	65	5	03	29.38	30.39	10	BKN	080		10.00	52	41	47	66	3	06	29.12	30.10				
13	CLR	NC		10.00	48	23	38	37	3	VR	29.34	30.35	13	OVC	041		10.00	57	44	50	62	5	04	29.05	30.01				
16	CLR	NC		10.00	54	22	41	29	6	VR	29.26	30.26	16	OVC	047		9.00	57	49	53	75	8	13	28.97	29.94				
19	CLR	NC		10.00	51	23	40	33	0	00	29.28	30.28	19	OVC	047		6.00	50	49	49	96	8	06	28.90	29.88				
22	CLR	NC		10.00	40	30	36	68	0	00	29.31	30.32	22	OVC	055		10.00	51	48	50	89	5	07	28.85	29.82				
SUNRISE: 0649 MAR 14				SUNSET: 1844				SUNRISE: 0640 MAR 20				SUNSET: 1849																	
01	CLR	NC		10.00	35	30	33	82	0	00	29.31	30.32	01	OVC	017		2.00	50	49	49	96	3	29	28.90	29.87				
04	CLR	NC		10.00	31	28	30	89	0	00	29.32	30.32	04	OVC	055		10.00	50	50	50	100	3	01	28.83	29.80				
07	CLR	NC		8.00	30	28	29	92	0	00	29.35	30.36	07	OVC	017		10.00	51	50	51	96	0	00	28.88	29.85				
10	CLR	NC		10.00	44	33	39	65	0	00	29.38	30.38	10	OVC	018		10.00	54	50	52	87	5	VR	28.93	29.90				
13	CLR	NC		10.00	59	29	46	32	5	VR	29.31	30.30	13	OVC	047		10.00	58	44	51	60	12	25	28.97	29.93				
16	CLR	NC		10.00	63	26	47	25	6	21	29.21	30.20	16	BKN	070		10.00	59	42	50	54	9	22	28.97	29.94				
19	SCT	NC		10.00	58	32	46	38	0	00	29.21	30.21	19	CLR	NC		10.00	54	43	48	67	5	VR	29.04	30.01				
22	CLR	NC		10.00	47	36	42	66	0	00	29.24	30.23	22	OVC	055		10.00	50	42	46	74	5	VR	29.11	30.09				
SUNRISE: 0647 MAR 15				SUNSET: 1845				SUNRISE: 0639 MAR 21				SUNSET: 1850																	
01	CLR	NC		10.00	45	36	41	71	0	00	29.24	30.23	01	OVC	044		10.00	49	41	45	74	0	00	29.15	30.14				
04	CLR	NC		10.00	46	35	41	66	3	20	29.22	30.20	04	OVC	042		10.00	47	42	45	83	0	00	29.17	30.15				
07	OVC	100		10.00	41	36	39	82	0	00	29.26	30.25	07	CLR	NC		9.00	41	40	41	96	0	00	29.22	30.22				
10	FEW	NC		10.00	60	35	48	39	7	23	29.29	30.27	10	CLR	NC		10.00	55	43	49	64	9	08	29.26	30.24				
13	CLR	NC		10.00	66	44	54	45	10	22	29.22	30.20	13	SCT	NC		10.00	60	42	51	52	6	VR	29.25	30.22				
16	SCT	NC		10.00	67	45	55	45	6	VR	29.14	30.12	16	FEW	NC		10.00	65	43	53	45	8	02	29.22	30.19				
19	FEW	NC		10.00	66	43	54	43	3	VR	29.14	30.12	19	CLR	NC		10.00	57	41	49	55	9	03	29.28	30.27				
22	OVC	100		10.00	63	42	52	47	5	VR	29.16	30.13	22	CLR	NC		10.00	51	40	46	66	6	06	29.32	30.30				
SUNRISE: 0646 MAR 16				SUNSET: 1846				SUNRISE: 0637 MAR 22				SUNSET: 1851																	
01	FEW	NC		10.00	57	45	51	64	0	00	29.14	30.10	01	CLR	NC		10.00	46	40	43	79	6	04	29.33	30.31				
04	FEW	NC		10.00	53	46	49	77	3	04	29.08	30.04	04	CLR	NC		8.00	42	40	41	92	3	06	29.33	30.31				
07	OVC	060		10.00	53	46	49	77	3	02	29.06	30.02	07	CLR	NC		5.00	41	39	40	93	0	00	29.35	30.34				
10	OVC	060		6.00	54	49	51	83	3	04	29.03	29.99	10	CLR	NC		10.00	56	43	49	62	9	07	29.39	30.37				
13	OVC	015		5.00	56	54	55	93	0	00	28.95	29.91	13	CLR	NC		10.00	65	44	54	47	8	05	29.36	30.33				
16	OVC	010		3.00	57	56	56	96	0	00	28.88	29.85	16	CLR	NC		10.00	67	43	54	42	12	04	29.29	30.27				
19	OVC	009		2.50	57	56	56	96	0	00	28.86	29.82	19	CLR	NC		10.00	63	42	52	47	6	01	29.29	30.28				
22	OVC	009		2.50	57	57	57	100	0	00	28.87	29.83	22	CLR	NC		10.00	54	43	49	67	3	03	29.30	30.28				
SUNRISE: 0644 MAR 17				SUNSET: 1846				SUNRISE: 0636 MAR 23				SUNSET: 1852																	
01	OVC	020		10.00	54	49	51	83	6	02	28.96	29.93	01	CLR	NC		10.00	49	43	46	80	3	06	29.31	30.28				
04	OVC	043		10.00	51	47	49	86	7	34	29.04	30.01	04	CLR	NC		10.00	45	42	44	90	0	00	29.28	30.26				
07	OVC	020		10.00	46	40	43	79	7	35	29.14	30.12	07	CLR	NC		10.00	43	41	42	93	0	00	29.33	30.32				
10	OVC	017		10.00	44	37	41	76	8	34	29.25	30.24	10	CLR	NC		10.00	59	43	51	56	5	VR	29.34	30.31				
13	FEW	NC		10.00	48	34	42	58	14	06	29.31	30.29	13	CLR	NC		10.00	69	45	56	42	6	02	29.28	30.24				
16	CLR	NC		10.00	50	28	41	43	8	03	29.29	30.28	16	CLR	NC		10.00	73	42	56	33	0	00	29.20	30.17				
19	CLR	NC		10.00	46	26	38	46	8	01	29.33	30.32	19	CLR	NC		10.00	69	44	56	41	0	00	29.19	30.16				
22	CLR	NC		10.00	41	28	36	60	6	06	29.34	30.34	22	CLR	NC		10.00	57	47	52	69	0	00	29.19	30.16				
SUNRISE: 0643 MAR 18				SUNSET: 1847				SUNRISE: 0634 MAR 24				SUNSET: 1852																	
01	CLR	NC		10.00	38	26	33	62	8	05	29.33	30.33	01	CLR	NC		10.00	50	45	47	83	0	00	29.19	30.15				
04	CLR	NC		10.00	35	24	31	64	8	06	29.28	30.28	04	CLR	NC		10.00	50	43	47	77	0	00	29.19	30.16				
07	CLR	NC		10.00	34	24	30	67	5	06	29.32	30.33	07	CLR	NC		10.00	47	43	45	86	0	00	29.22	30.19				
10	CLR	NC		10.00	43	25	36	49	5	VR	29.36	30.36	10	CLR	NC		10.00	63	49	55	60	6	VR	29.25	30.21				
13	CLR	NC		10.00	54	28	43	37	5	VR	29.33	30.32	13	CLR	NC		10.00	73	47	59	40	8	20	29.17	30.14				
16	BKN	100		10.00	59	31	46	35	3	VR	29.23	30.23	16	CLR	NC		10.00	76	47	60	36	9	23	29.10	30.06				
19	OVC	047		10.00	58	35	47	42	3	08	29.22	30.22	19	CLR	NC		10.00	70	47	57	44	3	22	29.09	30.06				
22	OVC	039		10.00	55	39	47	55	0	00	29.21	30.20	22	CLR	NC		10.00	63	49	55	60	5	23	29.12	30.08				

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

MARCH 2000

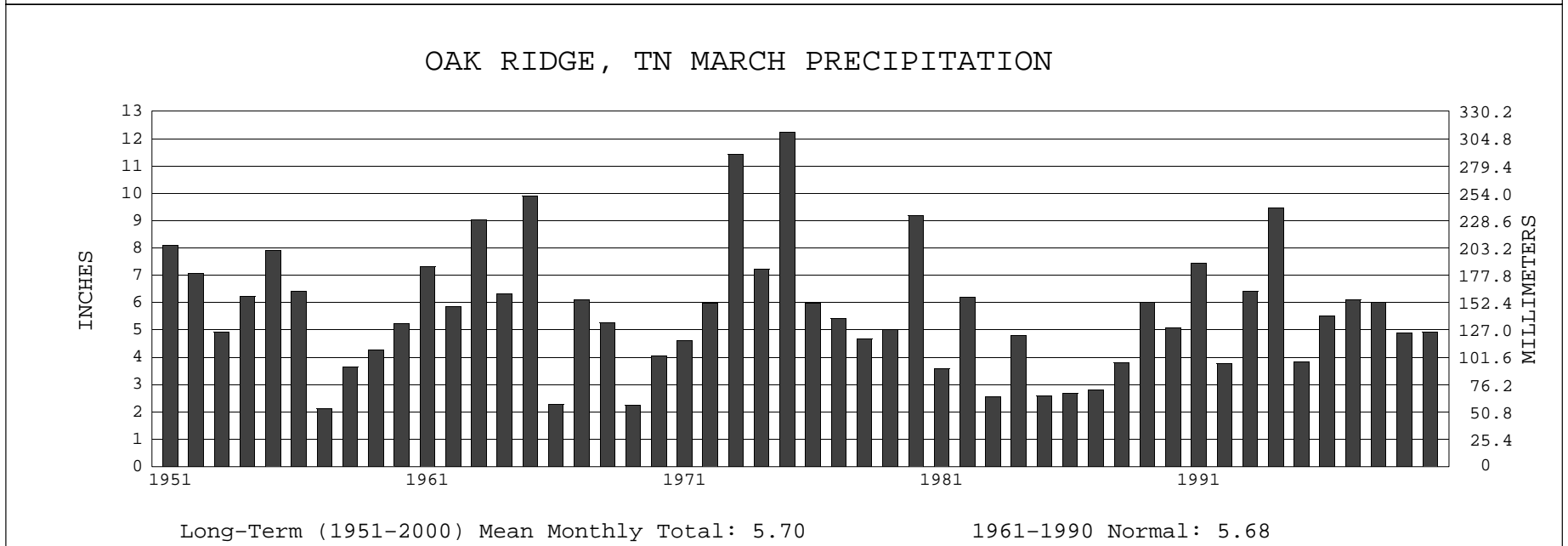
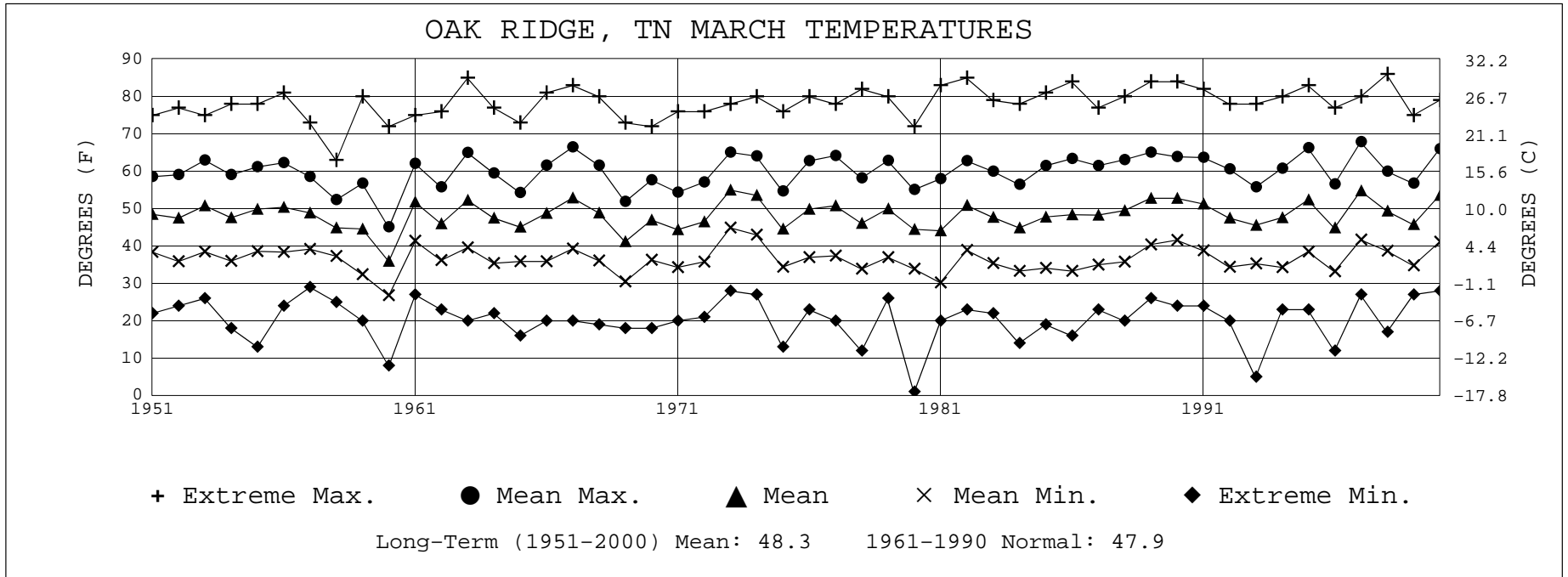
OQT

WBAN # 53868

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)													
	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)		SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL																					
SUNRISE: 0633							MAR 25							SUNSET: 1853							SUNRISE: 0624							MAR 31							SUNSET: 1858						
01	CLR	NC					58	48	53	70	0	00	29.12	30.08	01	CLR	NC					7.00					47	46	46	97	0	00	29.03	30.00							
04	OVC	070					56	49	52	77	0	00	29.12	30.07	04	CLR	NC					10.00					44	41	43	89	0	00	29.04	30.02							
07	BKN	110					55	53	54	93	0	00	29.15	30.11	07	CLR	NC					10.00					43	37	40	80	0	00	29.11	30.10							
10	CLR	NC					66	51	58	59	5	VR	29.14	30.10	10	CLR	NC					10.00					58	37	48	46	9	07	29.15	30.12							
13	CLR	NC					77	55	64	47	8	20	29.07	30.01	13	CLR	NC					10.00					67	37	52	33	9	07	29.12	30.10							
16	SCT	NC					75	53	62	46	10	17	29.00	29.94	16	CLR	NC					10.00					71	27	50	19	6	04	29.09	30.06							
19	SCT	NC					71	47	58	42	7	23	29.02	29.97	19	CLR	NC					10.00					65	33	50	31	0	00	29.11	30.09							
22	OVC	075				-RA	65	52	58	63	15	28	29.08	30.02	22	CLR	NC					10.00					52	36	45	55	0	00	29.17	30.15							
SUNRISE: 0631							MAR 26							SUNSET: 1854							3-HOURLY OBSERVATION NOTES																				
01	BKN	100					57	55	56	93	5	22	29.06	30.00	Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, VV = Vertical Visibility = 8/8.																										
04	CLR	NC					52	51	52	97	3	VR	29.06	30.01	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.																										
07	CLR	NC					47	44	46	90	0	00	29.08	30.05	NC = No ceiling detected.																										
10	CLR	NC					63	33	49	33	6	04	29.08	30.03	& = Original observation contained additional weather elements.																										
13	CLR	NC					69	31	51	24	0	00	29.01	29.96	See page 3 for additional notes.																										
16	CLR	NC					71	31	52	23	8	14	28.90	29.86																											
19	CLR	NC					67	32	50	27	0	00	28.86	29.83																											
22	CLR	NC					52	40	46	64	0	00	28.80	29.76																											
SUNRISE: 0630							MAR 27							SUNSET: 1855																											
01	CLR	NC					48	39	44	71	0	00	28.75	29.70																											
04	CLR	NC					49	37	43	64	3	23	28.67	29.61																											
07	OVC	065				-RA	49	47	48	93	5	23	28.66	29.61																											
10	OVC	028				-RA BR	52	52	52	100	5	VR	28.64	29.60																											
13	OVC	033					57	53	55	87	6	VR	28.61	29.56																											
16	FEW	NC					65	37	51	36	10	27	28.53	29.48																											
19	CLR	NC					57	28	44	33	8	31	28.59	29.55																											
22	CLR	NC					51	27	41	39	3	27	28.65	29.61																											
SUNRISE: 0628							MAR 28							SUNSET: 1856																											
01	CLR	NC					42	33	38	71	0	00	28.62	29.59																											
04	FEW	NC					39	34	37	82	3	23	28.56	29.52																											
07	OVC	080				-RA	44	34	40	68	6	VR	28.49	29.45																											
10	CLR	NC					57	37	47	47	8	26	28.48	29.43																											
13	CLR	NC					62	22	45	21	18	25	28.54	29.50																											
16	CLR	NC					60	24	44	25	16	26	28.62	29.58																											
19	CLR	NC					53	25	41	34	10	30	28.73	29.70																											
22	CLR	NC					47	26	38	44	3	VR	28.83	29.80																											
SUNRISE: 0627							MAR 29							SUNSET: 1857																											
01	CLR	NC					40	25	34	55	0	00	28.92	29.89																											
04	CLR	NC					37	27	33	67	5	34	28.95	29.93																											
07	CLR	NC					33	29	31	85	0	00	28.99	29.98																											
10	CLR	NC					46	26	38	46	7	VR	29.03	30.01																											
13	SCT	NC					52	28	42	40	5	VR	29.00	29.99																											
16	OVC	080					52	28	42	40	5	17	28.97	29.96																											
19	OVC	060				-RA	47	39	43	74	3	06	28.98	29.97																											
22	OVC	075				-RA BR	44	44	44	100	0	00	29.01	29.99																											
SUNRISE: 0626							MAR 30							SUNSET: 1857																											
01	OVC	070					43	42	43	97	6	01	29.00	29.98																											
04	OVC	050					43	42	43	97	7	03	28.97	29.95																											
07	OVC	032				-RA	44	43	44	96	8	05	28.99	29.98																											
10	OVC	037					48	45	47	89	8	04	29.00	29.98																											
13	OVC	037					58	49	53	72	8	05	28.97	29.95																											
16	OVC	038					58	48	53	70	7	05	28.96	29.93																											
19	OVC	090					58	48	53	70	0	00	29.00	29.97																											
22	CLR	NC					53	50	51	89	0	00	29.02	30.00																											

SUMMARY BY HOUR

HOUR (LST)	AVERAGES											RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES, HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	DIRECTION	SPEED	DIRECTION
							STATION	SEA LEVEL					
01			48	40	44	77	29.09	30.06	9.20	3	1	36	
02			46	40	44	80	29.09	30.06	9.30	2	1	2	
03			45	39	42	81	29.08	30.06	9.67	2	1	35	
04			45	39	42	83	29.08	30.05	9.19	2	1	33	
05			44	39	42	83	29.09	30.06	9.10	2	1	4	
06			44	39	42	85	29.10	30.07	9.10	1	1	2	
07			43	39	42	86	29.11	30.09	8.75	2	1	3	
08			45	41	43	84	29.12	30.10	8.69	1	1	4	
09			49	41	45	75	29.13	30.11	9.15	3	1	3	
10			53	41	47	65	29.13	30.11	9.48	3	1	4	
11			56	41	49	59	29.13	30.10	9.35	4	1	31	
12			59	41	50	54	29.11	30.09	9.45	4	2	20	
13			61	40	51	49	29.10	30.07	9.83	4	1	22	
14			63	40	52	46	29.07	30.04	9.84	5	2	21	
15			64	40	52	43	29.05	30.02	9.61	6	2	18	
16			64	39	52	42	29.04	30.01	9.74	6	1	20	
17			64	38	51	42	29.04	30.01	9.62	5	1	16	
18			62	38	51	45	29.05	30.02	9.42	5	1	29	
19			59	39	50	50	29.06	30.04	9.63	3	1	34	
20			56	40	49	57	29.07	30.05	9.71	3	1	29	
21			54	41	48	63	29.08	30.06	9.45	2	1	35	
22			52	41	47	68	29.09	30.06	9.47	2	1	31	
23			50	41	46	73	29.09	30.07	9.58	2	1	34	
24			48	41	45	77	29.09	30.07	9.42	2	1	34	





**MARCH 2000
OAK RIDGE, TN**

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA – National Weather Service / Department Of Transportation – Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.

DIRECTOR

NOTICE

Effective July 1, 1996, the National Weather Service & Federal Aviation Administration began using the METAR format for Hourly Observations.

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