



MARCH 2007 LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

OAK RIDGE, TN
OAK RIDGE (KOQT)
Lat:36° 1' N Long: 84° 14' W Elev (Ground) 910 Feet
Time Zone : EASTERN WBAN: 53868 ISSN#: 0198-487X



Date 1	Temperature °F						Deg Days BASE 65°		WEATHER 10	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								Date 24																	
	MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEP FROM NORMAL 5	AVERAGE DEW PT 6	AVERAGE WET BULB 7	HEATING 8	COOLING 9		0700 LST 11	1300 LST 12	2400 LST 13	2400 LST 14	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM																						
																			SPEED 20	DIR 21	SPEED 22	DIR 23																			
01	56	40	48	4	44	45	17	0	RA BR			1.47	28.75	29.68	0.6	10	2.9	17	28	12	25	01																			
02	60	38	49	4	23	39	16	0				0.00	28.72	29.74	6.0	24	7.5	25	20	18	21	02																			
03	58	36	47	2	19	36	18	0				0.00	28.85	29.87	6.7	26	8.1	38*	27	24*	25	03																			
04	41	28	35*	-10	16	28	30	0	SN			T	29.18	30.23	2.4	27	5.4	21	26	13	21	04																			
05	62	24*	43	-3	21	34	22	0				0.00	29.30	30.32	2.0	24	3.8	21	21	14	21	05																			
06	59	36	48	2	25	37	17	0				0.00	29.38	30.38	2.0	04	3.6	14	04	10	04	06																			
07	70	34	52	6	29	41	13	0				0.00	29.20	30.17	2.8	24	4.2	28	19	20	20	07																			
08	69	35	52	5	32	43	13	0				0.00	29.17	30.15	0.4	07	2.2	10	19	8	16	08																			
09	71	40	56	9	36	46	9	0				0.00	29.19	30.17	2.4	21	3.5	21	19	15	19	09																			
10	66	47	57	10	45	50	8	0	RA			T	29.23	30.21	1.5	25	3.3	15	26	12	25	10																			
11	66	46	56	9	35	47	9	0				0.00	29.32	30.31	4.9	06	5.3	18	06	14	06	11																			
12	72	39	56	8	27	42	9	0				0.00	29.29	30.28	0.2	08	2.5	15	21	12	19	12																			
13	79	42	61	13	42	51	4	0				0.00	29.24	30.20	2.4	21	3.5	18	22	14	20	13																			
14	78	57	68	20	48	57	0	3				0.00	29.11	30.05	3.7	21	4.3	23	19	16	19	14																			
15	65	58	62	13	54	57	3	0	RA BR			0.65	29.00	29.95	0.2	28	3.0	8	27	7	28	15																			
16	58	34	46	-3	39	42	19	0	RA BR			0.76	28.98	29.99	4.0	36	5.2	18	34	15	34	16																			
17	49	31	40	-9	16	31	25	0				0.00	29.15	30.18	2.9	35	5.5	21	28	14	27	17																			
18	50	30	40	-9	16	31	25	0				0.00	29.28	30.31	0.8	10	2.5	14	06	12	06	18																			
19	67	30	49	-1	34	42	16	0	RA			0.03	29.31	30.31	2.4	22	4.0	24	20	17	21	19																			
20	68	52	60	10	52	54	5	0	RA BR			0.25	29.38	30.36	0.7	24	1.6	12	25	8	25	20																			
21	75	50	63	13	51	56	2	0	FG+ FG BR HZ			0.00	29.39	30.37	1.0	19	3.8	17	17	12	17	21																			
22	76	57	67	16	49	57	0	2				0.00	29.34	30.29			1.2	13	21	8	23	22																			
23	79	50	65	14	50	57	0	0				0.00	29.26	30.22			4.3	20	26	13	20	23																			
24	83	53	68	17	51	58	0	3				0.00	29.31	30.27	1.0	21	2.3	15	22	10	20	24																			
25	86*	52	69	18	51	59	0	4				0.00	29.31	30.26	0.2	23	0.5	13	19	9	18	25																			
26	84	59	72	20	54	61	0	7				0.00	29.26	30.21	2.3	22	2.9	18	23	14	22	26																			
27	83	62	73*	21	57	63	0	8	HZ			0.00	29.23	30.16	2.1	21	3.2	16	27	10	19	27																			
28	79	62	71	19	60	63	0	6	RA BR HZ			0.13	29.18	30.14			1.3	20	29	14	28	28																			
29	79	60	70	18	58	62	0	5	RA BR			T	29.23	30.20	2.4	07	2.6	14	05	10	07	29																			
30	73	57	65	12	52	57	0	0				0.00	29.30	30.25	1.3	22	3.9	17	22	10	26	30																			
31	78	56	67	14	53	59	0	2				0.00	29.13	30.07	3.2	22	4.1	21	22	13	21	31																			
										69.0		45.0		57.0		X		40.0		48.5		9.0		1.3		< MONTHLY AVERAGES TOTALS >		3.29		29.20		30.17		1.0		24		3.6		< MONTHLY AVERAGES	
										8.0		8.4		8.2		X		-----DEPARTURE FROM NORMAL -----										-2.43		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS										GREATEST 24-HR PRECIPITATION : 1.47 DATE : 01										SEA LEVEL PRESSURE																					
MONTHLY										GREATEST 24-HR SNOWFALL : DATE :										MAXIMUM : 30.45 21 1053																					
TOTAL DEPARTURE										GREATEST SNOW DEPTH : DATE :										MINIMUM : 29.40 01 2053																					
SEASON TO DATE										NUMBER OF -> DAYS WITH										PRECIPITATION >= 0.01 INCH: 6																					
TOTAL DEPARTURE										MAXIMUM TEMP >= 90 : 0										PRECIPITATION >= 0.10 INCH: 5																					
HEATING : 280 -230 3222 -431										MINIMUM TEMP <= 32 : 5										SNOWFALL >= 1.0 INCH :																					
COOLING : 40 38 40 38										MAXIMUM TEMP <= 32 : 0																															
										THUNDERSTORMS : 0										HEAVY FOG : 1																					

**MARCH 2007
OAK RIDGE, TN**

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

OAK RIDGE, TN (KOQT)
MARCH 2007

WBAN # 53868

Date	FOR HOUR (LST) ENDING AT												Date	FOR HOUR (LST) ENDING AT												Date	Sum of Hourly Data	2400 LST Water Equiv.
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			
01							T	0.05	0.12	0.06	0.08	0.27	01	0.19	0.01	0.06	T	0.01	0.03	T	0.25	0.12	0.16	0.06	01	1.47	1.47	
02													02												02	0.00	0.00	
03													03												03	0.00	0.00	
04				T	T								04												04	T	T	
05													05												05	0.00	0.00	
06													06												06	0.00	0.00	
07													07												07	0.00	0.00	
08													08												08	0.00	0.00	
09													09												09	0.00	0.00	
10													10			T	T								10	T	T	
11													11												11	0.00	0.00	
12													12												12	0.00	0.00	
13													13												13	0.00	0.00	
14													14												14	0.00	0.00	
15											0.01	T	15		T	0.04	0.08	0.10	0.10	0.09	0.08	0.07	0.01	0.03	0.04	15	0.65	0.65
16	0.04	0.04	0.12	0.32	0.12	0.11	0.01						16												16	0.76	0.76	
17													17												17	0.00	0.00	
18													18												18	0.00	0.00	
19													19					0.02	T	T					19	0.03	0.03	
20		0.04	0.03	T	T								20		T	0.03	0.07	0.02	0.05	0.01	T	T		0.01	20	0.25	0.25	
21													21												21	0.00	0.00	
22													22												22	0.00	0.00	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25													25												25	0.00	0.00	
26													26												26	0.00	0.00	
27													27												27	0.00	0.00	
28													28	0.05	0.03	0.01	0.01	0.02	0.01						28	0.13	0.13	
29						T	T						29												29	T	T	
30													30												30	0.00	0.00	
31													31												31	0.00	0.00	

* Indicates sum of Hourly and Daily disagree.

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	0.09	0.14	0.18	0.23	0.28	0.33	0.37	0.40	0.42	0.47	0.52	0.56
Ending Date	16	16	16	16	16	16	16	16	16	16	16	16
Ending Time (Hr/Min)	0357	0400	0402	0400	0407	0415	0418	0439	0415	0526	0544	0553

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. 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.

Date and time are not entered for TRACE amounts.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = Extreme for the month (last occurrence if more than one).

T = Trace precipitation amount.

+ = also occurs on earlier date.

FG+ = Heavy fog, visibility .25 miles or less.

BLANK entries denote missing or unreported data.

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1971-2000

WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
DESCRIPTOR	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	GL Glaze
VC In the Vicinity	UP Unkown Precipitation		

Intensity (as indicated on pages 4 to 6):
'+' = Heavy '' = Moderate '-' = Light

OAK RIDGE, TN MARCH 2007

Ceilometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR-SS), or midnight to midnight (MN-MN).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. Clear = 0-2 oktas, Partly Cloudy = 3-6 oktas, Cloudy = 7-8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

ADDITIONAL NOTES:

Station Augmentation-OAK RIDGE ATDD COOP
Lat/Lon:36.00278/-84.24861 Elevation:905FT
Distance:1.5 MI Dir:SW
Augmented Elements:Temp,Precip,Snow
Equipment:Pcpn-Model TRP525M, Temp Vaisala HMP35C,
Snow Board, Snow Stick

Date	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							1.00	10.00	
02							10.00	10.00	
03							10.00	10.00	
04							8.00	10.00	
05							10.00	10.00	
06							10.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							10.00	10.00	
10							7.00	10.00	
11							7.00	10.00	
12							10.00	10.00	
13							10.00	10.00	
14							9.00	10.00	
15							2.00	10.00	
16							1.25	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							7.00	10.00	
20							1.00	10.00	
21							0.25	10.00	
22							10.00	10.00	
23							7.00	10.00	
24							7.00	10.00	
25							7.00	10.00	
26							8.00	10.00	
27							6.00	10.00	
28							3.00	10.00	
29							4.00	10.00	
30							10.00	10.00	
31							9.00	10.00	
MONTHLY AVGS							7.24	10.00	
SUNSHINE (Minutes)									
Total : 0					Possible :				
Percent Possible :									
NUMBER OF DAYS WITH :									
SKY CONDITION									
Clear		Partly CLDY			Cloudy			Missing	
MINIMUM VISIBILITY (MILES)									
<= .25		<= 3.0			>= 7.0				
1		6			23				

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

MARCH 2007

KOQT

WBAN # 53868

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)					
			Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION				SEA LEVEL	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: 0707 MAR 01 SUNSET: 1832													SUNRISE: 0659 MAR 07 SUNSET: 1837																
01	CLR	NC			10.00		42	33	38	71	0	00	28.93	29.91	01	CLR	NC			10.00		39	29	35	67	0	00	29.31	30.30
04	CLR	NC			10.00		40	33	37	76	0	00	28.89	29.85	04	CLR	NC			10.00		35	29	33	79	0	00	29.25	30.25
07	BKN	100			10.00	-RA	44	37	41	77	0	00	28.88	29.85	07	CLR	NC			10.00		34	29	32	82	0	00	29.24	30.24
10	OVC	055			3.00	RA BR	46	45	46	96	5	08	28.80	29.78	10	CLR	NC			10.00		48	30	40	50	6	VR	29.24	30.24
13	OVC	030			1.25	+RA BR	47	46	47	96	8	06	28.74	29.71	13	CLR	NC			10.00		66	31	49	27	13	21	29.15	30.13
16	OVC	031			3.00	-RA BR	49	48	48	96	5	05	28.60	29.58	16	CLR	NC			10.00		70	25	49	18	10	25	29.10	30.07
19	OVC	041			2.50	-RA BR	49	49	49	100	3	05	28.48	29.45	19	CLR	NC			10.00		64	27	47	25	5	VR	29.12	30.10
22	OVC	060			4.00	-RA BR	54	53	53	96	6	21	28.46	29.42	22	CLR	NC			10.00		52	31	43	45	3	26	29.14	30.13
SUNRISE: 0706 MAR 02 SUNSET: 1832													SUNRISE: 0658 MAR 08 SUNSET: 1838																
01	CLR	NC			10.00		52	38	45	59	10	27	28.59	29.55	01	CLR	NC			10.00		48	31	41	52	7	05	29.17	30.14
04	CLR	NC			10.00		44	28	37	53	7	27	28.71	29.69	04	CLR	NC			10.00		42	31	37	65	0	00	29.17	30.14
07	CLR	NC			10.00		39	27	34	62	6	VR	28.78	29.77	07	CLR	NC			10.00		36	30	34	79	0	00	29.20	30.19
10	CLR	NC			10.00		47	26	38	44	5	VR	28.81	29.79	10	CLR	NC			10.00		50	32	42	50	5	VR	29.23	30.22
13	CLR	NC			10.00		54	23	41	30	13	20	28.79	29.76	13	CLR	NC			10.00		63	32	48	31	3	26	29.19	30.16
16	CLR	NC			10.00		59	18	42	20	14	22	28.74	29.70	16	CLR	NC			10.00		68	29	50	23	0	00	29.12	30.09
19	CLR	NC			10.00		56	15	40	20	8	22	28.76	29.73	19	CLR	NC			10.00		62	32	48	32	0	00	29.13	30.11
22	CLR	NC			10.00		51	18	38	27	5	22	28.80	29.78	22	CLR	NC			10.00		51	35	44	54	0	00	29.17	30.15
SUNRISE: 0705 MAR 03 SUNSET: 1833													SUNRISE: 0657 MAR 09 SUNSET: 1839																
01	CLR	NC			10.00		43	22	35	43	0	00	28.80	29.78	01	CLR	NC			10.00		45	34	40	65	0	00	29.17	30.15
04	FEW	090			10.00		44	21	35	40	3	VR	28.84	29.81	04	CLR	NC			10.00		42	34	39	73	0	00	29.18	30.16
07	CLR	NC			10.00		39	20	32	46	0	00	28.85	29.83	07	CLR	NC			10.00		41	34	38	76	0	00	29.22	30.21
10	CLR	NC			10.00		50	19	38	29	8	23	28.87	29.84	10	CLR	NC			10.00		54	35	45	49	0	00	29.26	30.24
13	CLR	NC			10.00		56	13	40	18	13	24	28.85	29.82	13	CLR	NC			10.00		67	39	53	36	7	25	29.21	30.19
16	CLR	NC			10.00		56	13	40	18	20	26	28.83	29.80	16	CLR	NC			10.00		70	37	53	30	8	21	29.15	30.12
19	CLR	NC			10.00		48	18	37	30	9	28	28.91	29.91	19	CLR	NC			10.00		65	36	51	34	3	20	29.16	30.14
22	BKN	065			10.00		38	22	32	53	6	29	29.05	30.04	22	CLR	NC			10.00		58	39	49	49	5	VR	29.20	30.17
SUNRISE: 0703 MAR 04 SUNSET: 1834													SUNRISE: 0655 MAR 10 SUNSET: 1840																
01	OVC	050			10.00		35	20	30	54	3	VR	29.09	30.07	01	CLR	NC			10.00		52	42	47	69	3	VR	29.21	30.18
04	OVC	028			8.00	-SN	30	22	27	72	7	35	29.12	30.11	04	BKN	085			9.00		49	42	46	77	0	00	29.22	30.19
07	OVC	043			10.00		28	11	23	49	5	VR	29.18	30.19	07	OVC	046			9.00		51	42	47	71	3	21	29.26	30.23
10	OVC	041			10.00		30	13	25	49	7	VR	29.26	30.28	10	OVC	048			10.00		56	44	50	64	5	VR	29.27	30.25
13	OVC	041			10.00		36	16	29	44	9	27	29.25	30.27	13	BKN	110			10.00		60	46	53	60	7	VR	29.23	30.20
16	CLR	NC			10.00		40	18	32	41	7	VR	29.22	30.24	16	BKN	085			10.00		64	48	55	56	9	26	29.20	30.17
19	CLR	NC			10.00		39	17	31	41	5	26	29.24	30.27	19	CLR	NC			10.00		60	49	54	67	3	19	29.22	30.19
22	CLR	NC			10.00		36	15	29	42	5	VR	29.29	30.31	22	OVC	100			8.00		54	49	51	83	0	00	29.26	30.24
SUNRISE: 0702 MAR 05 SUNSET: 1835													SUNRISE: 0654 MAR 11 SUNSET: 1841																
01	CLR	NC			10.00		29	20	26	69	0	00	29.31	30.33	01	OVC	080			7.00		52	48	50	86	0	00	29.28	30.25
04	CLR	NC			10.00		27	21	25	78	0	00	29.31	30.33	04	BKN	075			7.00		52	47	49	83	0	00	29.27	30.24
07	CLR	NC			10.00		25	19	23	78	0	00	29.34	30.37	07	CLR	NC			8.00		48	43	46	83	3	04	29.34	30.32
10	CLR	NC			10.00		40	17	32	39	6	VR	29.37	30.38	10	CLR	NC			10.00		57	42	50	57	7	VR	29.39	30.37
13	CLR	NC			10.00		53	23	41	31	6	VR	29.32	30.32	13	CLR	NC			10.00		64	34	50	33	9	04	29.37	30.34
16	CLR	NC			10.00		61	19	44	20	9	28	29.24	30.24	16	CLR	NC			10.00		66	26	48	22	8	05	29.32	30.29
19	CLR	NC			10.00		55	22	42	28	5	26	29.26	30.27	19	CLR	NC			10.00		61	25	45	25	0	00	29.32	30.30
22	CLR	NC			10.00		47	25	38	42	0	00	29.32	30.32	22	CLR	NC			10.00		52	22	40	31	3	04	29.35	30.33
SUNRISE: 0701 MAR 06 SUNSET: 1836													SUNRISE: 0652 MAR 12 SUNSET: 1841																
01	CLR	NC			10.00		38	27	34	65	0	00	29.34	30.34	01	CLR	NC			10.00		44	25	36	47	0	00	29.32	30.31
04	CLR	NC			10.00		45	28	38	51	6	33	29.37	30.35	04	CLR	NC			10.00		41	28	36	60	3	04	29.30	30.29
07	CLR	NC			10.00		36	25	32	64	7	04	29.42	30.42	07	CLR	NC			10.00		39	29	35	67	0	00	29.34	30.33
10	CLR	NC			10.00		43	26	36	51	8	05	29.45	30.45	10	CLR	NC			10.00		51	25	40	36	5	VR	29.36	30.34
13	CLR	NC			10.00		54	22	41	29	0	00	29.43	30.43	13	CLR	NC			10.00		66	26	48	22	5	VR	29.30	30.28
16	CLR	NC			10.00		57	21	42	25	5	VR	29.36	30.35	16	CLR	NC			10.00		71	24	50	17	6	VR	29.23	30.21
19	CLR	NC			10.00		53	22	40	30	0	00	29.34	30.34	19	CLR	NC			10.00		66	28	49	24	3	22	29.23	30.21
22	CLR	NC			10.00		42	28	36	58	0	00	29.32	30.33	22	CLR	NC			10.00		53	34	44	49	0	00	29.27	30.26

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

MARCH 2007

KOQT

WBAN # 53868

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)						
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL			
SUNRISE: 0634						MAR 25						SUNSET: 1853					
01	CLR	NC				60	53	56	78	0	00	29.32	30.27				
04	CLR	NC				55	51	53	86	0	00	29.33	30.27				
07	CLR	NC				52	49	50	90	0	00	29.38	30.34				
10	CLR	NC				70	53	60	55	0	00	29.38	30.33				
13	CLR	NC				82	50	63	33	3	32	29.33	30.27				
16	CLR	NC				85	49	64	29	0	00	29.24	30.19				
19	CLR	NC				78	49	61	36	0	00	29.25	30.20				
22	CLR	NC				67	53	59	61	0	00	29.27	30.22				
SUNRISE: 0632						MAR 26						SUNSET: 1854					
01	CLR	NC				62	53	57	73	0	00	29.27	30.21				
04	CLR	NC				59	53	56	81	0	00	29.25	30.20				
07	CLR	NC				59	53	56	81	0	00	29.29	30.24				
10	CLR	NC				71	55	62	57	3	23	29.33	30.28				
13	CLR	NC				80	54	64	41	6	25	29.28	30.22				
16	FEW	070				83	54	65	37	7	VR	29.21	30.16				
19	BKN	110				78	54	64	44	5	22	29.22	30.16				
22	CLR	NC				70	56	62	61	0	00	29.24	30.19				
SUNRISE: 0631						MAR 27						SUNSET: 1854					
01	FEW	090				70	55	61	59	5	21	29.24	30.18				
04	CLR	NC				64	56	59	75	3	21	29.23	30.17				
07	SCT	060			HZ	63	57	60	81	3	24	29.28	30.22				
10	SCT	026				71	60	64	68	6	VR	29.30	30.24				
13	FEW	039				77	60	66	56	6	22	29.24	30.18				
16	FEW	055				81	57	66	44	7	17	29.17	30.11				
19	CLR	NC				77	55	64	47	0	00	29.15	30.10				
22	CLR	NC				67	56	61	68	0	00	29.17	30.12				
SUNRISE: 0629						MAR 28						SUNSET: 1855					
01	BKN	060				64	57	60	78	0	00	29.19	30.13				
04	OVC	070				63	58	60	84	0	00	29.16	30.10				
07	FEW	075			BR	62	58	60	87	0	00	29.18	30.13				
10	CLR	NC				72	57	63	59	6	VR	29.20	30.15				
13	BKN	060				78	58	66	50	7	VR	29.17	30.11				
16	BKN	085			-RA BR	67	64	65	90	0	00	29.17	30.13				
19	FEW	095				65	63	64	93	0	00	29.19	30.15				
22	BKN	110			BR	63	62	62	97	0	00	29.21	30.16				
SUNRISE: 0628						MAR 29						SUNSET: 1856					
01	OVC	120			BR	62	61	61	97	0	00	29.21	30.15				
04	CLR	NC			BR	61	59	60	93	0	00	29.20	30.16				
07	OVC	110			BR	61	59	60	93	0	00	29.23	30.19				
10	BKN	075				65	59	61	81	3	07	29.29	30.25				
13	CLR	NC				75	58	65	56	0	00	29.27	30.22				
16	CLR	NC				78	58	66	50	0	00	29.21	30.16				
19	SCT	120				73	59	64	62	6	07	29.24	30.19				
22	OVC	110				68	52	59	57	5	08	29.32	30.27				
SUNRISE: 0627						MAR 30						SUNSET: 1857					
01	CLR	NC				61	51	56	70	6	08	29.34	30.29				
04	OVC	028				57	49	53	75	0	00	29.34	30.29				
07	BKN	110				57	48	52	72	0	00	29.37	30.32				
10	CLR	NC				62	50	55	65	5	VR	29.36	30.32				
13	OVC	032				69	54	60	59	6	VR	29.30	30.26				
16	CLR	NC				73	55	62	53	7	VR	29.21	30.17				
19	CLR	NC				68	53	59	59	5	VR	29.20	30.16				
22	CLR	NC				64	53	58	68	6	22	29.23	30.19				

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)						
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL			
SUNRISE: 0625						MAR 31						SUNSET: 1858					
01	CLR	NC				60	53	56	78	5	22	29.21	30.17				
04	CLR	NC				57	52	54	83	3	22	29.18	30.13				
07	CLR	NC				56	51	53	83	0	00	29.19	30.16				
10	CLR	NC				66	53	59	63	6	VR	29.19	30.15				
13	CLR	NC				74	56	63	54	5	VR	29.13	30.07				
16	BKN	060				77	53	63	43	5	VR	29.06	30.00				
19	CLR	NC				74	53	62	48	7	21	29.04	29.99				
22	CLR	NC				69	54	60	59	0	00	29.05	29.99				

3-HOURLY OBSERVATION NOTES

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, W = Vertical Visibility = 8/8

Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

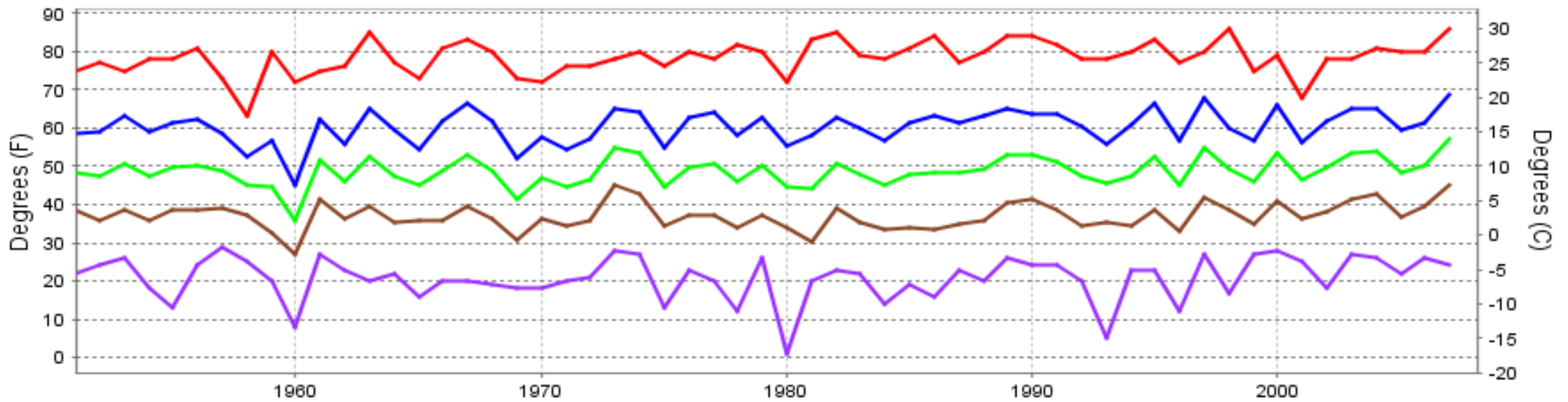
& = Original observation contained additional weather elements.

See page 3 for additional notes.

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)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			51	41	46	69	29.19	30.16	9.20	2	1	31
02			50	40	46	71	29.19	30.16	9.01	2	2	29
03			49	40	45	72	29.19	30.16	9.07	2	2	29
04			48	40	45	75	29.19	30.16	8.68	2	1	30
05			47	40	44	76	29.20	30.17	9.06	2	0	01
06			47	39	44	76	29.21	30.19	9.04	2	1	03
07			46	39	43	76	29.23	30.20	8.62	1	1	05
08			48	40	44	74	29.24	30.22	8.72	2	1	05
09			52	40	47	66	29.25	30.23	9.06	4	0	36
10			56	40	48	56	29.25	30.23	9.44	5	1	06
11			58	40	50	52	29.25	30.22	9.42	5	3	28
12			62	40	51	47	29.23	30.21	9.62	6	4	28
13			64	40	52	43	29.21	30.18	9.69	7	4	27
14			66	39	53	42	29.19	30.16	9.58	7	4	27
15			66	40	53	42	29.17	30.14	9.37	8	4	27
16			66	39	53	41	29.16	30.12	9.19	7	4	27
17			66	39	53	41	29.15	30.12	9.31	7	3	28
18			65	39	52	43	29.15	30.13	9.21	6	3	27
19			63	39	51	47	29.16	30.14	9.32	4	1	28
20			60	40	50	52	29.17	30.15	9.24	3	1	29
21			57	41	50	58	29.18	30.16	9.13	3	1	29
22			56	42	49	61	29.19	30.17	9.08	2	2	29
23			54	42	48	65	29.20	30.17	9.25	2	2	29
24			53	42	48	66	29.20	30.17	9.16	2	1	33

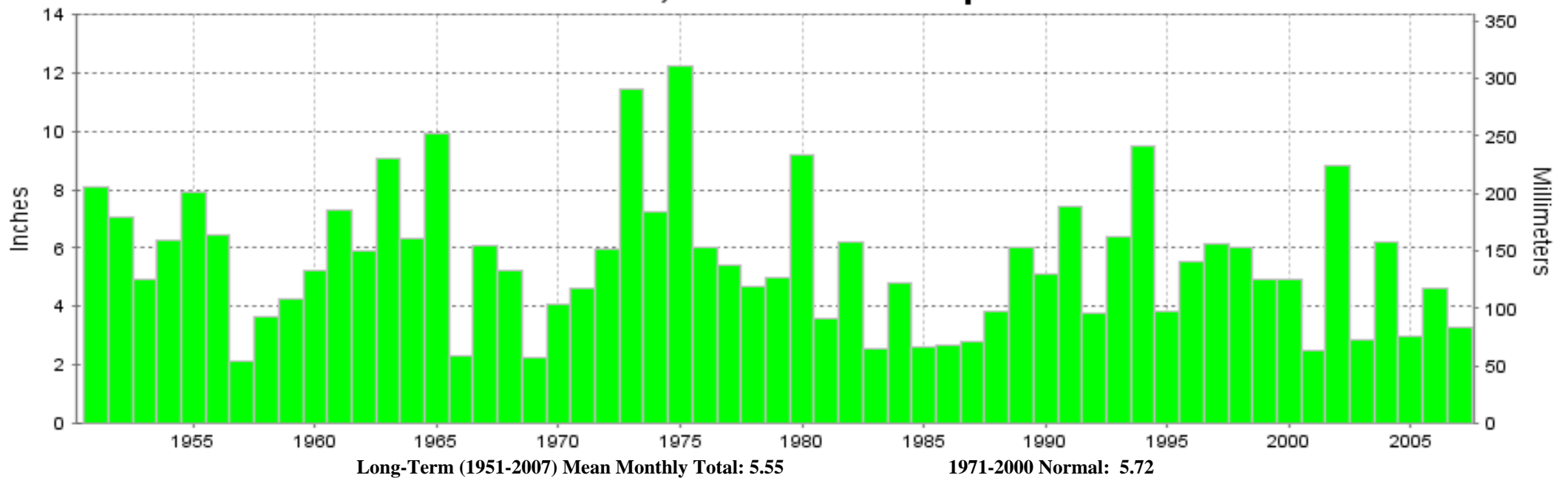
OAK RIDGE, TN MARCH Temperatures



— Extreme Max — Mean Max — Mean — Mean Min — Extreme Min

Long-Term (1951-2007) Mean: 48.7
1971-2000 Normal: 48.8

OAK RIDGE, TN MARCH Precipitation



Long-Term (1951-2007) Mean Monthly Total: 5.55

1971-2000 Normal: 5.72



MARCH 2007
OAK RIDGE, TN

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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