



MARCH 2006 LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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



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																			
																			5-SEC		2-MIN																	
									DEPTH 11	WATER- EQUIV 12	SNOW- FALL 13	WATER EQUIV 14					SPEED 20	DIR 21	SPEED 22	DIR 23																		
01	75	52	64	20	48	55	1	0				0.00	28.95	29.91	4.6	22	6.1	21	18	16	18	01																
02	75	47	61	16	39	51	4	0	BR			0.00	28.87	29.84	4.0	28	6.5	26	30	17	29	02																
03	48	35	42	-3	25	35	23	0				0.00	29.22	30.21	4.5	01	6.5	20	35	16	35	03																
04	54	26	40	-5	18	32	25	0				0.00	29.35	30.36	3.2	05	3.5	16	06	12	07	04																
05	59	29	44	-2	25	36	21	0	RA BR			0.09	29.28	30.28	1.1	07	2.6	14	04	10	05	05																
06	51	41	46	0	38	42	19	0	RA BR			0.06	29.10	30.09	2.6	30	4.9	22	33	16	34	06																
07	54	38	46	0	28	37	19	0				0.00	29.27	30.26	2.7	03	4.1	16	36	13	36	07																
08	66	34	50	3	30	42	15	0				0.00	29.09	30.08	3.5	23	4.6	20	22	14	21	08																
09	71	51	61	14	41	51	4	0	RA BR			0.37	28.78	29.75	7.2	20	8.5	33*	18	26*	19	09																
10	73	50	62	15	43	51	3	0				0.00	28.95	29.91	4.0	22	5.8	21	23	15	25	10																
11	79	47	63	16	48	54	2	0	RA			T	29.15	30.11	1.8	22	2.5	21	21	14	20	11																
12	80*	58	69*	21	56	61	0	4				0.00	29.12	30.05	4.1	21	4.9	22	21	16	21	12																
13	73	59	66	18	57	61	0	1	RA BR			1.92	28.92	29.85	7.1	21	8.3	30	27	20	28	13																
14	60	43	52	4	25	40	13	0				0.00	29.10	30.07	4.4	29	6.6	24	28	17	29	14																
15	62	32	47	-2	24	38	18	0				0.00	29.26	30.26	2.1	27	3.5	22	32	13	34	15																
16	66	44	55	6	32	44	10	0				0.00	29.14	30.10	4.9	21	5.2	22	22	16	21	16																
17	58	40	49	0	36	45	16	0				0.00	29.12	30.12	3.5	33	6.1	22	34	15	34	17																
18	58	37	48	-1	21	36	17	0				0.00	29.25	30.25	3.1	03	5.2	18	01	14	01	18																
19	52	37	45	-5	15	34	20	0				0.00	29.22	30.21	3.9	05	5.3	15	02	12	07	19																
20	43	37	40	-10	28	35	25	0	RA BR			0.85	29.08	30.05	7.7	05	7.8	18	04	13	05	20																
21	54	34	44	-6	39	41	21	0	RA BR			0.15	28.82	29.83	1.7	33	5.0	21	29	15	28	21																
22	47	29	38	-13	22	32	27	0				0.00	29.21	30.24	4.1	03	6.5	16	02	13	07	22																
23	53	30	42	-9	29	36	23	0	RA BR			0.20	29.19	30.18	1.9	05	3.7	14	08	12	05	23																
24	46	35	41	-10	31	37	24	0	RA			0.09	29.11	30.12	2.8	29	4.9	20	27	13	27	24																
25	45	31	38*	-13	27	34	27	0	RA SN			T	29.16	30.18	2.0	31	4.3	16	34	14	36	25																
26	51	26*	39	-13	25	33	26	0	BR			0.00	29.24	30.27	0.4	36	1.5	15	35	12	34	26																
27	58	28	43	-9	27	37	22	0	RA			T	29.31	30.31	0.5	16	2.3	24	16	14	15	27																
28	68	46	57	5	37	47	8	0	RA			T	29.16	30.14	2.2	26	4.5	24	22	16	21	28																
29	69	38	54	2	37	46	11	0				0.00	29.23	30.21	0.9	05	2.2	12	08	9	19	29																
30	77	39	58	5	38	49	7	0				0.00	29.23	30.20	2.0	20	3.5	20	22	16	21	30																
31	73	51	62	9	51	56	3	0	RA BR HZ			0.91	29.16	30.14	3.3	22	4.0	29	22	21	21	31																
										61.2		39.5		50.4		☼	33.5		42.8		14.6		0.2		< MONTHLY AVERAGES TOTALS >				4.64	29.13	30.12	0.8	27	4.9	< MONTHLY AVERAGES			
										0.2		2.9		1.6			<-----DEPARTURE FROM NORMAL----->										-1.08	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3										
DEGREE DAYS										GREATEST 24-HR PRECIPITATION : 1.92 DATE : 13										SEA LEVEL PRESSURE				DATE TIME														
MONTHLY										GREATEST 24-HR SNOWFALL :										MAXIMUM : 30.43				27 0854														
TOTAL DEPARTURE										GREATEST SNOW DEPTH :										MINIMUM : 29.57				09 2102														
SEASON TO DATE										NUMBER OF -> DAYS WITH										MAXIMUM TEMP >= 90 : 0				MINIMUM TEMP <= 32 : 8				PRECIPITATION >= 0.01 INCH : 9										
HEATING : 454										MAXIMUM TEMP <= 32 : 0										MINIMUM TEMP <= 0 : 0				PRECIPITATION >= 0.10 INCH : 6														
COOLING : 5										THUNDERSTORMS : 0										HEAVY FOG : 0				SNOWFALL >= 1.0 INCH :														
-56																																						
3222																																						
-431																																						
5																																						
3																																						

**MARCH 2006
OAK RIDGE, TN**

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

OAK RIDGE, TN (OQT)
MARCH 2006

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													01												01	0.00	0.00	
02													02												02	0.00	0.00	
03													03												03	0.00	0.00	
04													04												04	0.00	0.00	
05													05			0.03	T				T	0.04	0.02	05	0.09	0.09		
06	0.03	0.03	T	T	T								06								T			06	0.06	0.06		
07													07											07	0.00	0.00		
08													08											08	0.00	0.00		
09													09						T	0.03	0.22	0.12	T	09	0.37	0.37		
10													10											10	0.00	0.00		
11													11		T	T								11	T	T		
12													12											12	0.00	0.00		
13													13						T	0.18	0.58	0.49	0.61	0.06	13	1.92	1.92	
14													14											14	0.00	0.00		
15													15											15	0.00	0.00		
16													16											16	0.00	0.00		
17													17											17	0.00	0.00		
18													18											18	0.00	0.00		
19													19											19	0.00	0.00		
20											0.03	0.04	0.14	20	0.18	0.13	0.09	0.05	0.05	0.02	0.06	0.05	0.01	20	0.85	0.85		
21					0.07	0.06	0.01	T					21			T	T	0.01	T					21	0.15	0.15		
22													22											22	0.00	0.00		
23													23					T	0.03	0.02	0.03	0.06	0.04	0.02	23	0.20	0.20	
24	0.03	0.02	0.02	0.01	0.01	T	T	T					24			T								24	0.09	0.09		
25					T	T	T	T	T	T	T		25											25	T	T		
26													26											26	0.00	0.00		
27													27											27	T	T		
28				T	T	T							28											28	T	T		
29													29											29	0.00	0.00		
30													30											30	0.00	0.00		
31													31			T	0.12	0.04	0.02	0.16	0.13	0.08	0.22	0.14	31	0.91	0.91	

* 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)	0.24	0.35	0.43	0.51	0.56	0.62	0.75	1.02	1.09	1.22	1.58	1.73
Ending Date	13	13	13	13	13	13	13	13	13	13	13	13
Ending Time (Hr/Min)	2121	2126	2027	2031	2031	2034	2215	2236	2253	2214	2241	2241

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 2006

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:

March 1999 is the first month ASOS data was processed
Graph page 7, is combination of ASOS & Keyed Data.

Date	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							10.00	10.00	
02							4.00	10.00	
03							9.00	10.00	
04							8.00	10.00	
05							6.00	10.00	
06							4.00	10.00	
07							10.00	10.00	
08							8.00	10.00	
09							2.50	10.00	
10							10.00	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							2.50	10.00	
14							10.00	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							10.00	10.00	
20							3.00	10.00	
21							3.00	10.00	
22							10.00	10.00	
23							5.00	10.00	
24							8.00	10.00	
25							9.00	10.00	
26							6.00	10.00	
27							7.00	10.00	
28							10.00	10.00	
29							7.00	10.00	
30							8.00	10.00	
31							1.25	10.00	
MONTHLY AVGS							7.46	10.00	
SUNSHINE (Minutes)									
Total :					Possible :				
Percent Possible :									
NUMBER OF DAYS WITH :									
SKY CONDITION									
Clear		Partly CLDY			Cloudy			Missing	
MINIMUM VISIBILITY (MILES)									
<= .25		<= 3.0			>= 7.0				
0		5			21				

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

MARCH 2006

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)											
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg				STATION	SEA LEVEL		Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						
SUNRISE: 0706						MAR 01						SUNSET: 1831						SUNRISE: 0658						MAR 07						SUNSET: 1837					
01	OVC	044			10.00		57	45	51	64	0	00	28.99	29.95	01	SCT	042			10.00		39	26	34	60	5	VR	29.20	30.20						
04	BKN	065			10.00		55	45	50	69	0	00	29.00	29.95	04	OVC	028			10.00		38	28	34	67	8	01	29.23	30.23						
07	CLR	NC			10.00		52	45	48	77	6	26	29.00	29.96	07	OVC	032			10.00		38	28	34	67	7	02	29.28	30.28						
10	CLR	NC			10.00		61	47	54	60	9	23	29.02	29.98	10	OVC	028			10.00		40	29	36	65	8	36	29.33	30.33						
13	FEW	047			10.00		72	51	60	48	7	VR	28.96	29.91	13	BKN	036			10.00		46	29	39	52	3	VR	29.32	30.32						
16	SCT	050			10.00		74	50	60	43	9	21	28.90	29.85	16	CLR	NC			10.00		52	27	41	38	0	00	29.26	30.26						
19	CLR	NC			10.00		67	50	57	55	6	VR	28.90	29.85	19	CLR	NC			10.00		48	28	40	46	3	09	29.22	30.23						
22	CLR	NC			10.00		63	48	55	58	3	26	28.90	29.85	22	CLR	NC			10.00		41	29	36	62	0	00	29.21	30.21						
SUNRISE: 0705						MAR 02						SUNSET: 1832						SUNRISE: 0657						MAR 08						SUNSET: 1838					
01	CLR	NC			10.00		60	48	54	65	0	00	28.91	29.85	01	CLR	NC			10.00		38	31	35	76	0	00	29.20	30.21						
04	OVC	070			10.00		60	47	53	62	3	VR	28.84	29.78	04	CLR	NC			10.00		36	31	34	82	0	00	29.21	30.21						
07	OVC	039			10.00		59	48	53	67	5	VR	28.83	29.78	07	CLR	NC			10.00		35	31	33	85	0	00	29.21	30.21						
10	OVC	031			10.00		59	50	54	72	5	VR	28.86	29.81	10	CLR	NC			10.00		48	31	41	52	5	VR	29.17	30.17						
13	FEW	021			10.00		66	55	60	68	9	24	28.85	29.80	13	CLR	NC			10.00		61	31	47	32	8	24	29.07	30.05						
16	CLR	NC			10.00		73	28	52	19	10	26	28.84	29.78	16	CLR	NC			10.00		65	28	48	25	7	22	28.98	29.96						
19	CLR	NC			10.00		66	16	45	14	16	29	28.92	29.87	19	CLR	NC			10.00		61	29	46	30	6	VR	28.99	29.97						
22	CLR	NC			10.00		56	28	44	34	8	35	29.03	29.99	22	CLR	NC			8.00		60	28	46	30	7	22	28.97	29.94						
SUNRISE: 0703						MAR 03						SUNSET: 1833						SUNRISE: 0655						MAR 09						SUNSET: 1838					
01	CLR	NC			10.00		44	30	38	58	14	35	29.09	30.06	01	CLR	NC			10.00		57	29	45	34	5	25	28.94	29.90						
04	OVC	036			10.00		41	27	35	58	3	VR	29.13	30.09	04	OVC	050			10.00		54	32	44	43	3	23	28.90	29.86						
07	OVC	036			10.00		41	27	35	58	6	36	29.15	30.13	07	OVC	046			10.00		53	38	46	57	0	00	28.89	29.85						
10	OVC	034			10.00		40	25	34	55	10	02	29.22	30.22	10	OVC	043			10.00		58	43	50	58	7	VR	28.88	29.84						
13	OVC	036			10.00		42	27	36	55	8	06	29.26	30.27	13	CLR	NC			10.00		67	45	55	45	14	22	28.82	29.77						
16	CLR	NC			10.00		48	24	38	39	5	VR	29.25	30.24	16	CLR	NC			10.00		70	35	52	28	18	20	28.69	29.63						
19	CLR	NC			10.00		43	21	35	42	7	36	29.27	30.27	19	OVC	065			10.00		66	44	54	45	10	18	28.67	29.62						
22	CLR	NC			10.00		37	22	32	55	7	07	29.30	30.31	22	OVC	049			2.50 +RA BR		58	54	56	87	10	25	28.71	29.67						
SUNRISE: 0702						MAR 04						SUNSET: 1834						SUNRISE: 0654						MAR 10						SUNSET: 1839					
01	CLR	NC			8.00		32	22	28	67	0	00	29.32	30.34	01	CLR	NC			10.00		57	50	53	78	10	21	28.74	29.68						
04	CLR	NC			9.00		30	22	27	72	5	01	29.33	30.35	04	CLR	NC			10.00		54	48	51	80	9	22	28.79	29.74						
07	CLR	NC			9.00		26	21	24	81	0	00	29.37	30.39	07	CLR	NC			10.00		51	47	49	86	5	VR	28.87	29.83						
10	CLR	NC			10.00		38	20	32	48	7	05	29.39	30.40	10	BKN	023			10.00		58	48	53	70	8	23	28.97	29.93						
13	CLR	NC			10.00		47	18	36	31	3	VR	29.36	30.37	13	CLR	NC			10.00		67	41	54	39	9	24	28.99	29.94						
16	CLR	NC			10.00		54	17	40	23	3	35	29.32	30.32	16	CLR	NC			10.00		70	41	55	35	7	VR	28.99	29.94						
19	CLR	NC			10.00		48	12	35	23	7	05	29.32	30.34	19	CLR	NC			10.00		65	34	50	32	0	00	29.03	30.00						
22	CLR	NC			10.00		40	17	32	39	5	05	29.36	30.37	22	CLR	NC			10.00		53	38	46	57	0	00	29.10	30.07						
SUNRISE: 0701						MAR 05						SUNSET: 1835						SUNRISE: 0653						MAR 11						SUNSET: 1840					
01	CLR	NC			10.00		38	16	30	41	5	05	29.36	30.36	01	CLR	NC			10.00		50	39	45	66	0	00	29.12	30.08						
04	CLR	NC			10.00		32	19	28	59	0	00	29.34	30.35	04	CLR	NC			10.00		47	40	44	77	0	00	29.13	30.10						
07	CLR	NC			10.00		30	20	27	66	3	06	29.36	30.37	07	OVC	040			10.00		48	41	45	77	0	00	29.16	30.14						
10	CLR	NC			10.00		43	18	34	37	7	05	29.37	30.38	10	OVC	040			10.00		58	43	50	58	0	00	29.18	30.16						
13	CLR	NC			10.00		54	16	39	22	3	VR	29.30	30.29	13	CLR	NC			10.00		75	52	62	45	3	VR	29.14	30.10						
16	BKN	095			10.00		58	13	41	17	7	26	29.23	30.23	16	BKN	065			10.00		77	56	64	48	7	19	29.10	30.06						
19	CLR	NC			10.00		48	38	43	68	0	00	29.20	30.21	19	SCT	070			10.00		75	53	62	46	6	20	29.12	30.08						
22	BKN	100			10.00	-RA	46	39	43	77	0	00	29.17	30.16	22	SCT	080			10.00		66	55	60	68	0	00	29.15	30.11						
SUNRISE: 0659						MAR 06						SUNSET: 1836						SUNRISE: 0651						MAR 12						SUNSET: 1841					
01	OVC	044			7.00	-RA	43	41	42	93	3	VR	29.13	30.11	01	OVC	055			10.00		62	54	57	75	0	00	29.15	30.10						
04	OVC	046			9.00	-RA	43	40	42	89	0	00	29.08	30.05	04	SCT	042			10.00		61	53	57	75	0	00	29.13	30.07						
07	OVC	031			8.00		44	41	43	89	3	VR	29.07	30.05	07	BKN	040			10.00		63	54	58	73	3	VR	29.16	30.11						
10	OVC	032			7.00		46	42	44	86	0	00	29.10	30.08	10	OVC	075			10.00		67	57	61	70	6	22	29.21	30.16						
13	OVC	037			7.00		50	41	46	71	9	26	29.08	30.07	13	BKN	040			10.00		78	59	66	52	10	23	29.14	30.09						
16	OVC	038			9.00		50	38	44	64	10	25	29.08	30.07	16	BKN	055			10.00		79	57	65	47	8	18	29.05	29.99						
19	OVC	080			10.00		49	30	41	48	10	30	29.13	30.11	19	BKN	100			10.00		75	57	64	54	5	20	29.04	29.98						
22	OVC	085			10.00		44	30	38	58	6	VR	29.17	30.16	22	CLR	NC			10.00		71	55	62	57	0	00	29.05	29.99						

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

MARCH 2006

OQT

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)	STATION	SEA LEVEL								
			SUNRISE: 0650						MAR 13							SUNSET: 1842						SUNRISE: 0641						MAR 19						SUNSET: 1847	
01	CLR	NC			10.00		62	54	57	75	0	00	29.02	29.96	01	CLR	NC			10.00		42	20	34	41	6	04	29.22	30.22						
04	FEW	075			10.00		60	53	56	78	3	23	28.98	29.91	04	CLR	NC			10.00		40	18	32	41	5	VR	29.24	30.23						
07	FEW	070			10.00		65	56	60	73	9	22	28.99	29.93	07	CLR	NC			10.00		37	15	30	41	6	VR	29.27	30.27						
10	OVC	047			10.00		67	56	61	68	15	22	29.01	29.95	10	CLR	NC			10.00		42	13	32	31	9	06	29.28	30.28						
13	OVC	034			10.00		71	57	63	61	12	20	28.93	29.87	13	CLR	NC			10.00		48	11	35	22	8	03	29.23	30.23						
16	OVC	060			10.00		72	58	63	62	17	21	28.85	29.79	16	CLR	NC			10.00		50	11	36	21	7	06	29.18	30.17						
19	OVC	100			10.00	-RA	70	59	63	68	12	17	28.77	29.70	19	CLR	NC			10.00		49	14	36	25	0	00	29.16	30.16						
22	OVC	043			5.00	-RA BR	63	60	61	90	7	VR	28.78	29.72	22	CLR	NC			10.00		45	16	35	31	0	00	29.19	30.19						
SUNRISE: 0648						MAR 14						SUNSET: 1843						SUNRISE: 0640						MAR 20						SUNSET: 1848					
01	BKN	095			10.00		59	49	54	70	5	VR	28.82	29.77	01	CLR	NC			10.00		41	17	32	38	5	03	29.14	30.14						
04	OVC	110			10.00		53	41	47	64	7	33	28.94	29.89	04	BKN	100			10.00		43	16	33	34	8	05	29.10	30.10						
07	CLR	NC			10.00		43	30	38	60	6	VR	29.07	30.03	07	OVC	080			10.00		43	16	33	34	10	05	29.10	30.09						
10	CLR	NC			10.00		48	23	38	37	5	VR	29.13	30.10	10	BKN	080		8.00	RA		39	27	34	62	10	07	29.14	30.14						
13	CLR	NC			10.00		54	21	41	28	10	27	29.14	30.11	13	OVC	023		3.00	RA BR		37	34	36	89	12	04	29.10	30.10						
16	CLR	NC			10.00		56	15	40	20	15	29	29.15	30.13	16	OVC	007		7.00	-RA		38	36	37	93	8	04	29.00	29.99						
19	CLR	NC			10.00		51	14	37	23	10	28	29.18	30.18	19	OVC	039		6.00	RA BR		37	36	37	96	7	05	29.00	30.00						
22	CLR	NC			10.00		45	20	36	37	0	00	29.23	30.23	22	OVC	007		10.00			38	36	37	93	8	04	28.88	29.88						
SUNRISE: 0647						MAR 15						SUNSET: 1844						SUNRISE: 0638						MAR 21						SUNSET: 1849					
01	CLR	NC			10.00		42	22	34	45	5	25	29.28	30.27	01	OVC	090			10.00		39	36	38	89	9	06	28.83	29.83						
04	CLR	NC			10.00		35	26	32	70	0	00	29.28	30.28	04	OVC	031			10.00		41	37	39	86	5	03	28.77	29.76						
07	CLR	NC			10.00		32	26	30	79	0	00	29.32	30.32	07	OVC	019		5.00	-RA BR		41	39	40	93	0	00	28.81	29.80						
10	CLR	NC			10.00		48	26	39	42	7	24	29.36	30.36	10	OVC	005		10.00			43	41	42	93	3	26	28.79	29.78						
13	CLR	NC			10.00		57	20	42	24	8	27	29.29	30.27	13	OVC	005		8.00			47	43	45	86	5	VR	28.77	29.74						
16	CLR	NC			10.00		61	19	44	20	9	26	29.22	30.21	16	OVC	060		10.00	-RA		51	47	49	86	0	00	28.76	29.74						
19	CLR	NC			10.00		57	22	43	26	5	26	29.19	30.19	19	OVC	024		10.00			47	39	43	74	12	27	28.89	29.88						
22	CLR	NC			10.00		46	29	39	52	0	00	29.22	30.22	22	OVC	025		10.00			40	31	36	70	5	VR	29.05	30.04						
SUNRISE: 0645						MAR 16						SUNSET: 1845						SUNRISE: 0637						MAR 22						SUNSET: 1850					
01	CLR	NC			10.00		45	33	40	63	0	00	29.21	30.20	01	OVC	021			10.00		34	27	31	76	6	VR	29.13	30.13						
04	CLR	NC			10.00		45	36	41	71	0	00	29.22	30.20	04	OVC	025			10.00		32	23	29	69	7	33	29.16	30.16						
07	BKN	110			10.00		44	36	40	74	3	17	29.23	30.22	07	OVC	029			10.00		31	20	27	64	9	35	29.23	30.24						
10	BKN	100			10.00		50	28	41	43	0	00	29.22	30.22	10	SCT	031			10.00		34	20	29	57	9	07	29.30	30.31						
13	CLR	NC			10.00		62	30	47	30	8	22	29.14	30.12	13	CLR	NC			10.00		41	22	34	47	6	VR	29.27	30.29						
16	CLR	NC			10.00		66	32	50	28	9	21	29.02	29.98	16	CLR	NC			10.00		46	21	36	37	7	VR	29.22	30.23						
19	OVC	070			10.00		64	28	48	26	9	19	28.99	29.96	19	CLR	NC			10.00		43	21	35	42	5	05	29.23	30.25						
22	OVC	075			10.00		61	29	46	30	6	24	29.01	29.98	22	CLR	NC			10.00		37	22	32	55	3	08	29.27	30.29						
SUNRISE: 0644						MAR 17						SUNSET: 1845						SUNRISE: 0635						MAR 23						SUNSET: 1851					
01	BKN	037			10.00		57	32	46	39	3	VR	28.99	29.95	01	CLR	NC			10.00		32	24	29	72	0	00	29.24	30.26						
04	BKN	075			10.00		56	42	49	60	6	22	29.02	29.98	04	CLR	NC			10.00		30	24	28	78	0	00	29.23	30.24						
07	CLR	NC			10.00		50	41	46	71	3	24	29.09	30.05	07	CLR	NC			10.00		31	24	28	75	5	05	29.24	30.26						
10	FEW	046			10.00		55	37	46	51	7	33	29.14	30.12	10	CLR	NC			10.00		42	25	35	51	8	06	29.23	30.24						
13	BKN	043			10.00		54	36	46	51	10	34	29.18	30.16	13	FEW	060			10.00		53	27	42	37	3	VR	29.16	30.16						
16	CLR	NC			10.00		57	34	46	42	8	34	29.18	30.15	16	OVC	048			10.00		52	27	41	38	5	19	29.10	30.11						
19	FEW	038			10.00		48	33	41	56	5	36	29.23	30.22	19	OVC	036		5.00	RA		45	38	42	77	3	VR	29.12	30.13						
22	BKN	036			10.00		45	30	39	56	7	36	29.29	30.27	22	OVC	029		7.00	-RA		42	37	40	83	5	35	29.13	30.14						
SUNRISE: 0643						MAR 18						SUNSET: 1846						SUNRISE: 0634						MAR 24						SUNSET: 1851					
01	SCT	041			10.00		40	31	36	70	0	00	29.25	30.25	01	OVC	021		9.00	-RA		39	37	38	93	3	VR	29.12	30.10						
04	CLR	NC			10.00		39	29	35	67	9	02	29.22	30.22	04	OVC	040		10.00	-RA		38	35	37	89	0	00	29.09	30.08						
07	CLR	NC			10.00		37	24	32	59	5	04	29.30	30.30	07	OVC	055			10.00		38	32	36	79	5	VR	29.10	30.10						
10	CLR	NC			10.00		43	25	36	49	7	05	29.33	30.34	10	OVC	024			10.00		40	32	37	73	6	VR	29.13	30.14						
13	CLR	NC			10.00		50	21	39	32	5	VR	29.28	30.28	13	OVC	090			10.00		44	29	38	56	6	VR	29.13	30.13						
16	CLR	NC			10.00		56	16	41	21	5	08	29.19	30.18	16	BKN	038			10.00		44	30	38	58	7	28	29.10	30.10						
19	CLR	NC			10.00		51	13	37	22	6	02	29.19	30.19	19	OVC	070			10.00		42	28	36	58	8	28	29.13	30.14						
22	CLR	NC			10.00		46	17	35	31	6	VR	29.22	30.22	22	OVC	120			10.00		38	30	35	73	0	00	29.14	30.15						

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

MARCH 2006

OQT

WBAN # 53868

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)			
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL
SUNRISE: 0632 MAR 25 SUNSET: 0632													
01	OVC	090				37	29	34	73	5	25	29.12	30.12
04	OVC	039				37	30	34	76	0	00	29.10	30.11
07	OVC	060				36	27	33	70	6	VR	29.14	30.15
10	OVC	037			-SN	37	28	33	70	5	VR	29.18	30.20
13	OVC	055				43	24	36	47	5	VR	29.18	30.19
16	BKN	065				41	26	35	55	7	VR	29.18	30.19
19	OVC	085				40	25	34	55	5	27	29.21	30.22
22	CLR	NC				34	26	31	73	0	00	29.24	30.26
SUNRISE: 0631 MAR 26 SUNSET: 0631													
01	CLR	NC				29	25	28	85	0	00	29.21	30.23
04	CLR	NC				28	24	27	85	0	00	29.20	30.22
07	CLR	NC			BR	27	24	26	88	0	00	29.25	30.28
10	CLR	NC				42	27	36	55	5	VR	29.28	30.30
13	OVC	065				47	25	38	42	0	00	29.28	30.29
16	OVC	075				51	22	39	32	3	36	29.25	30.26
19	OVC	070				47	23	38	39	0	00	29.26	30.27
22	CLR	NC				38	28	34	67	0	00	29.31	30.32
SUNRISE: 0630 MAR 27 SUNSET: 0630													
01	CLR	NC				32	27	30	82	0	00	29.31	30.32
04	CLR	NC				30	26	29	85	0	00	29.33	30.34
07	CLR	NC				28	25	27	89	3	06	29.38	30.40
10	CLR	NC				45	30	39	56	0	00	29.41	30.42
13	CLR	NC				52	22	40	31	5	11	29.35	30.36
16	CLR	NC				58	23	43	26	8	22	29.25	30.25
19	CLR	NC				55	25	42	31	0	00	29.22	30.22
22	OVC	100				48	31	41	52	0	00	29.23	30.22
SUNRISE: 0628 MAR 28 SUNSET: 0628													
01	OVC	080				51	30	42	45	0	00	29.22	30.20
04	OVC	070			-RA	48	36	43	63	0	00	29.18	30.16
07	OVC	100				46	40	43	80	0	00	29.16	30.14
10	FEW	041				56	37	47	49	7	VR	29.17	30.16
13	OVC	075				62	41	51	46	10	25	29.13	30.10
16	SCT	075				67	33	51	28	12	27	29.10	30.06
19	CLR	NC				64	34	50	33	3	VR	29.13	30.11
22	CLR	NC				52	37	45	57	3	03	29.20	30.18
SUNRISE: 0627 MAR 29 SUNSET: 0627													
01	CLR	NC				48	36	43	63	6	06	29.23	30.21
04	CLR	NC				42	35	39	76	3	06	29.22	30.20
07	CLR	NC				39	34	37	82	0	00	29.27	30.25
10	CLR	NC				56	37	47	49	7	02	29.29	30.27
13	CLR	NC				63	37	50	38	6	24	29.25	30.22
16	CLR	NC				67	37	52	33	5	VR	29.19	30.17
19	CLR	NC				65	35	50	33	0	00	29.19	30.17
22	CLR	NC				51	39	45	64	0	00	29.23	30.21
SUNRISE: 0625 MAR 30 SUNSET: 0625													
01	CLR	NC				45	38	42	77	0	00	29.23	30.21
04	CLR	NC				41	37	39	86	0	00	29.22	30.21
07	FEW	065				40	37	39	89	0	00	29.27	30.25
10	CLR	NC				58	41	50	53	0	00	29.31	30.29
13	CLR	NC				72	36	54	27	8	23	29.25	30.22
16	CLR	NC				76	30	54	18	12	19	29.18	30.14
19	CLR	NC				72	35	53	26	5	22	29.16	30.14
22	CLR	NC				67	43	54	42	6	19	29.20	30.16

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)			
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL
SUNRISE: 0624 MAR 31 SUNSET: 1857													
01	BKN	075				60	46	53	60	0	00	29.19	30.14
04	CLR	NC				55	47	51	75	0	00	29.20	30.15
07	CLR	NC			HZ	54	47	50	77	0	00	29.23	30.19
10	FEW	038				69	51	59	53	10	21	29.22	30.18
13	FEW	085				72	48	59	43	12	21	29.18	30.14
16	OVC	060			-RA	69	50	58	51	8	23	29.13	30.09
19	OVC	065			-RA BR	60	58	59	93	3	23	29.13	30.10
22	OVC	048			+RA BR	59	58	58	97	0	00	29.13	30.09

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.

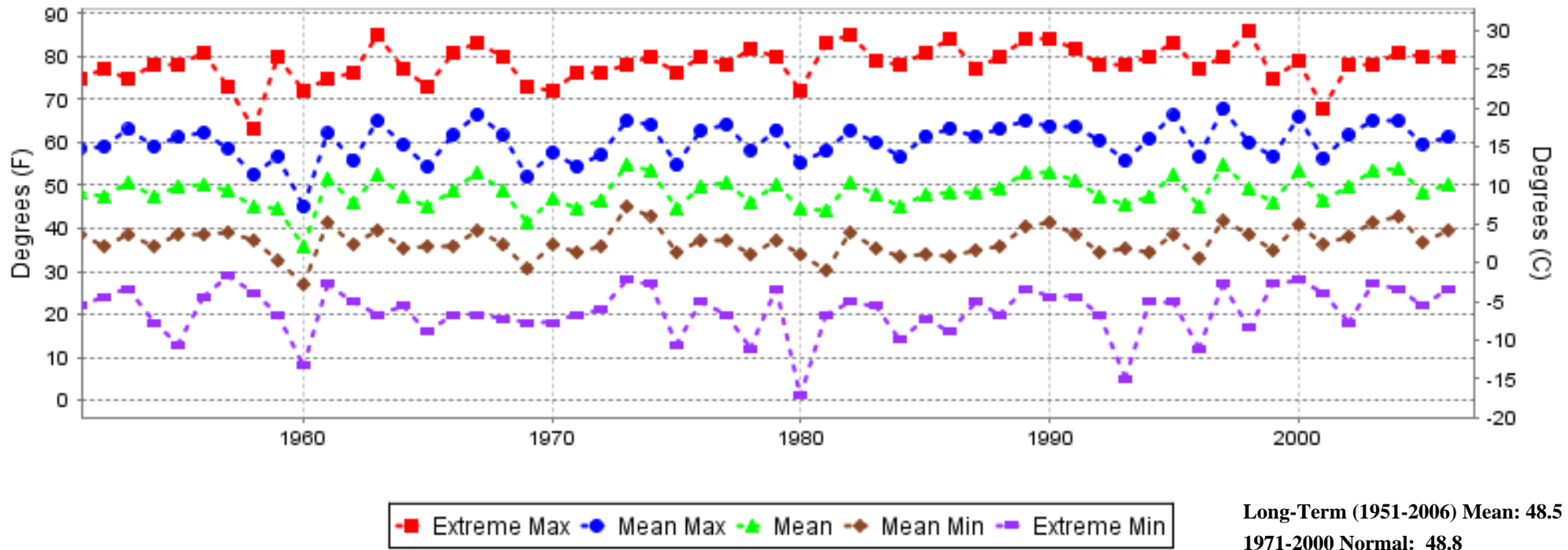
& = Original observation contained additional weather elements.

See page 3 for additional notes.

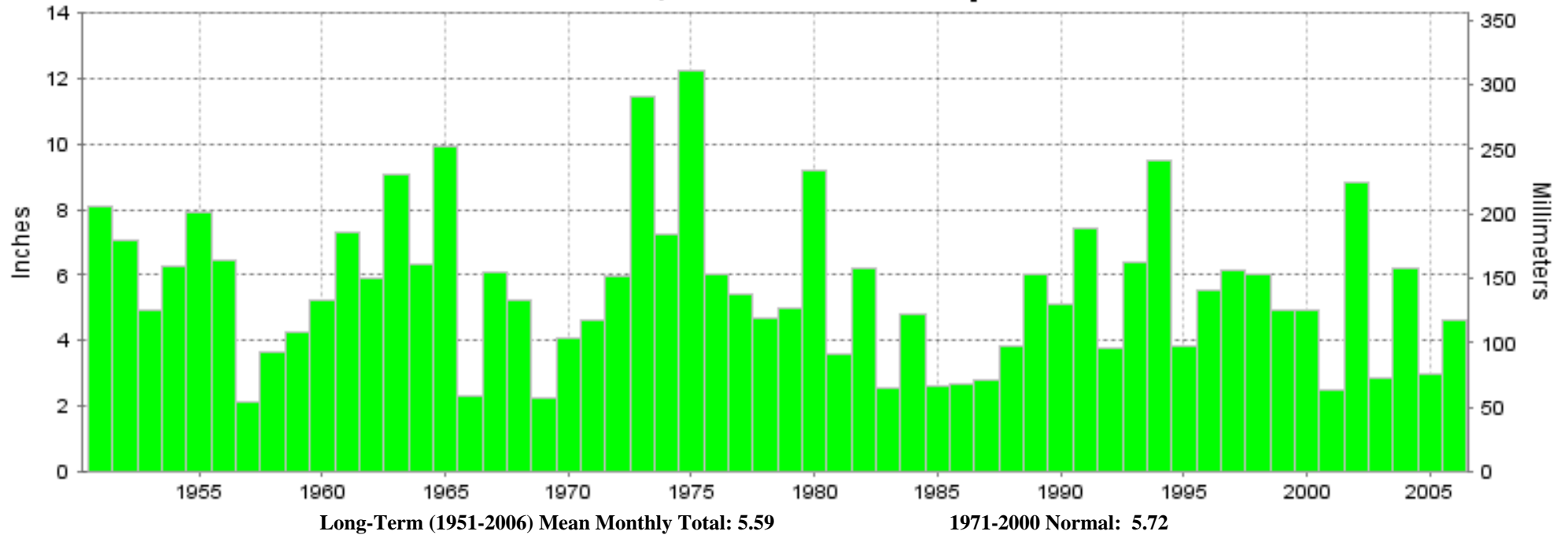
SUMMARY BY HOUR

HOUR (LST)	AVERAGES								RESULTANT WIND (MPH)			
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		WIND SPEED (MPH)	DIRECTION		
							STATION	SEA LEVEL				
01			46	34	40	66	29.13	30.11	9.81	3	2	01
02			44	34	40	68	29.13	30.11	9.81	3	2	32
03			44	34	39	70	29.12	30.11	9.87	3	1	35
04			43	34	39	71	29.12	30.10	9.87	3	1	35
05			43	33	39	71	29.13	30.11	9.52	3	1	36
06			42	33	38	72	29.14	30.13	9.58	3	2	03
07			42	33	38	73	29.15	30.14	9.23	3	2	02
08			44	34	40	70	29.17	30.16	9.48	3	2	05
09			47	34	41	63	29.18	30.17	9.77	5	1	34
10			49	34	43	57	29.18	30.17	9.84	6	1	03
11			52	34	44	53	29.18	30.16	9.68	6	2	30
12			54	34	45	49	29.16	30.15	9.55	7	3	29
13			57	34	46	45	29.15	30.13	9.61	7	4	28
14			58	33	47	42	29.12	30.10	9.74	8	2	29
15			59	32	47	39	29.10	30.08	9.71	8	4	28
16			60	32	47	39	29.09	30.07	9.87	8	4	28
17			59	32	47	41	29.09	30.07	9.36	8	4	28
18			58	32	46	42	29.09	30.08	9.61	7	2	29
19			55	32	45	45	29.10	30.09	9.52	6	3	29
20			53	33	44	52	29.11	30.10	9.37	3	2	30
21			51	34	43	56	29.12	30.11	9.52	3	1	02
22			49	34	43	59	29.13	30.12	9.18	3	1	34
23			48	34	42	62	29.13	30.12	9.35	3	1	35
24			47	34	42	65	29.13	30.12	9.68	4	1	34

OAK RIDGE, TN MARCH Temperatures



OAK RIDGE, TN MARCH Precipitation





MARCH 2006
OAK RIDGE, TN

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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