



FEBRUARY 2009 LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

OAK RIDGE, TN
OAK RIDGE (KOQT)
Lat:36° 1' N Long: 84° 14' W Elev (Ground) 913 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		LST 11	LST 12	LST 13	LST 14	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			3-SEC		2-MIN			
2	3	4	5	6	7	8	9	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
01	61	30	46	8	27	37	19	0				0.00	29.13	30.12	2.4	22	3.4	23	19	14	21	01		
02	45	27	36	-2	31	33	29	0	RA SN FG FZFG BR			0.55	29.07	30.08	0.5	35	1.0	14	02	9	01	02		
03	38	15	27	-11	15	22	38	0	SN BR HZ			T	29.07	30.11	4.1	28	5.5	32	28	20	28	03		
04	29	14	22*	-16	9	17	43	0	SN			T	29.38	30.47	1.4	29	3.1	16	33	10	28	04		
05	33	13*	23	-15	9	19	42	0				0.00	29.55	30.60	0.3	17	0.9	12	21	8	18	05		
06	55	21	38	-1	20	30	27	0				0.00	29.42	30.45	0.3	24	1.4	14	21	9	20	06		
07	65	30	48	9	34	42	17	0				0.00	29.39	30.40	4.2	22	4.6	28	18	17	19	07		
08	71	47	59	20	44	50	6	0				0.00	29.36	30.33	1.5	23	2.1	15	28	9	29	08		
09	72*	39	56	17	44	49	9	0	BR			0.00	29.29	30.27	2.1	21	2.7	21	21	14	21	09		
10	67	47	57	18	45	52	8	0	RA			T	29.18	30.14	1.8	23	3.1	24	22	15	20	10		
11	69	50	60*	20	45	52	5	0	RA FG+ BR			0.39	28.95	29.88	7.7	20	9.1	53*	28	31*	28	11		
12	63	39	51	11	31	43	14	0				0.00	29.15	30.14	2.5	28	4.4	26	23	14	24	12		
13	65	31	48	8	29	39	17	0				0.00	29.17	30.14	0.4	18	1.0	12	20	8	15	13		
14	58	40	49	9	40	45	16	0	RA BR			0.11	28.99	29.98	1.3	29	3.7	16	01	10	36	14		
15	51	34	43	2	29	36	22	0				0.00	29.15	30.16	4.4	04	5.0	18	02	12	04	15		
16	47	26	37	-4	19	30	28	0				0.00	29.30	30.33	1.1	06	2.6	15	06	12	06	16		
17	53	23	38	-3	20	32	27	0	RA			0.01	29.23	30.22	1.5	23	2.9	20	22	12	22	17		
18	63	41	52	11	44	46	13	0	RA FG BR			1.70	28.79	29.72	2.3	26	3.5	20	31	13	28	18		
19	51	27	39	-3	19	31	26	0				0.00	28.92	29.97	5.5	28	7.3	31	27	16	28	19		
20	42	18	30	-12	11	24	35	0				0.00	29.21	30.25	1.0	22	1.7	17	23	12	22	20		
21	58	22	40	-2	22	33	25	0	RA			0.01	29.17	30.19	3.5	23	4.9	31	26	18	22	21		
22	40	27	34	-8	18	27	31	0	RA SN BR			0.04	29.30	30.37	4.1	29	5.5	22	27	14	26	22		
23	41	19	30	-13	16	25	35	0				0.00	29.50	30.54	1.3	05	1.9	13	10	9	07	23		
24	50	23	37	-6	18	30	28	0				0.00	29.40	30.42	1.3	04	1.6	13	05	9	06	24		
25	59	39	49	6	30	40	16	0				0.00	29.33	30.32	1.4	23	2.7	21	19	14	21	25		
26	65	48	57	14	45	51	8	0	RA BR			0.02	29.23	30.19	4.4	21	5.3	23	19	16	19	26		
27	63	47	55	11	49	53	10	0	RA BR			0.26	29.03	29.99	4.5	21	6.4	39	21	24	20	27		
28	49	40	45	1	42	44	20	0	RA BR			0.42	28.97	29.93	5.6	05	6.2	17	05	13	04	28		
54.4				31.3		42.9		☼	28.8	36.9	21.9	0.0	< MONTHLY AVERAGES TOTALS >				3.51	29.20	30.20	1.3	24	3.7	< MONTHLY AVERAGES	
2.8		1.8		2.3		<----- DEPARTURE FROM NORMAL ----->										-0.99	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3							
DEGREE DAYS										GREATEST 24-HR PRECIPITATION : 1.71 DATE : 17-18				SEA LEVEL PRESSURE				DATE		TIME				
MONTHLY					SEASON TO DATE					GREATEST 24-HR SNOWFALL :				MAXIMUM :				05		1106				
TOTAL DEPARTURE					TOTAL DEPARTURE					GREATEST SNOW DEPTH :				MINIMUM :				18		1653				
HEATING :		614		-82		3041		-102		NUMBER OF -> DAYS WITH		MAXIMUM TEMP >= 90 :		0		MINIMUM TEMP <= 32 :		16		PRECIPITATION >= 0.01 INCH :		10		
COOLING :		0		0		0		0		THUNDERSTORMS :		0		1		HEAVY FOG :		1		PRECIPITATION >= 0.10 INCH :		6		
																				SNOWFALL >= 1.0 INCH :				

FEBRUARY 2009
OAK RIDGE, TN

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

OAK RIDGE, TN (KOQT)
FEBRUARY 2009

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								T	0.13	0.18	0.10	0.04	02	0.05	0.04	0.01									02	0.55	0.55	
03													03							T		T			03	T	T	
04						T	T	T					04								T	T	T		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		10	T	T	
11													11		T	T	T	0.39							11	0.39	0.39	
12													12												12	0.00	0.00	
13													13												13	0.00	0.00	
14					T	0.04	0.05	0.02					14												14	0.11	0.11	
15													15												15	0.00	0.00	
16													16												16	0.00	0.00	
17													17												17	0.01	0.01	
18	0.06	0.14	0.22	0.09	0.23	0.34	0.10	0.06	0.05	0.04	0.07	0.09	18	0.01			0.13		0.07		T	T	T	T	T	0.01	1.70	1.70
19													19												19	0.00	0.00	
20													20												20	0.00	0.00	
21													21												21	0.01	0.01	
22	0.02	0.02	T										22	T	T	T									22	0.04	0.04	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25													25												25	0.00	0.00	
26						0.01	T	0.01	T				26												26	0.02	0.02	
27						T	0.01	0.07	0.10	0.05	0.01		27												27	0.26	0.26	
28	T					0.02	0.05	0.12	0.05	0.02	0.01	T	28	0.07	0.04	0.04	T	T						0.02	28	0.42	0.42	

* 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)	0.26	0.33	0.36	0.37	0.37	0.39	0.39	0.46	0.53	0.57	0.64	0.71
Ending Date	11	11	11	11	11	11	11	18	18	18	18	18
Ending Time (Hr/Min)	1616	1616	1619	1625	1636	1648	1648	0550	0550	0605	0629	0543

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 FEBRUARY 2009

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							10.00	10.00	
02							0.75	10.00	
03							5.00	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							5.00	10.00	
10							9.00	10.00	
11							7.00	10.00	
12							10.00	10.00	
13							10.00	10.00	
14							1.50	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							1.75	10.00	
19							10.00	10.00	
20							10.00	10.00	
21							10.00	10.00	
22							4.00	10.00	
23							10.00	10.00	
24							10.00	10.00	
25							10.00	10.00	
26							4.00	10.00	
27							4.00	10.00	
28							2.50	10.00	
MONTHLY AVGS							7.59	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				
0		4			19				

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

FEBRUARY 2009 KOQT

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)		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		DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL			
																									Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)
SUNRISE: 0738						FEB 01						SUNSET: 1804															
01	CLR	NC			10.00	32	25	29	75	3	23	29.18	30.19	01	CLR	NC			10.00	33	28	31	82	0	00	29.39	30.40
04	CLR	NC			10.00	31	24	28	75	0	00	29.16	30.17	04	CLR	NC			10.00	33	29	31	85	0	00	29.40	30.40
07	CLR	NC			10.00	30	25	28	82	0	00	29.19	30.20	07	CLR	NC			10.00	34	30	32	85	3	22	29.46	30.47
10	CLR	NC			10.00	42	27	36	55	0	00	29.21	30.22	10	CLR	NC			10.00	48	34	42	59	5	24	29.48	30.49
13	CLR	NC			10.00	54	29	43	38	5	VR	29.13	30.12	13	CLR	NC			10.00	60	38	49	44	8	24	29.43	30.42
16	CLR	NC			10.00	61	29	46	30	5	VR	29.05	30.03	16	CLR	NC			10.00	65	36	51	34	9	19	29.34	30.33
19	CLR	NC			10.00	55	29	44	37	6	21	29.06	30.05	19	CLR	NC			10.00	60	36	48	41	8	21	29.32	30.32
22	CLR	NC			10.00	43	30	38	60	0	00	29.07	30.06	22	CLR	NC			10.00	54	36	46	51	0	00	29.36	30.35
SUNRISE: 0737						FEB 02						SUNSET: 1805															
01	CLR	NC			10.00	36	30	34	79	0	00	29.06	30.05	01	OVC	065			10.00	51	38	45	61	0	00	29.38	30.36
04	OVC	070			10.00	39	31	36	73	3	27	29.03	30.01	04	OVC	070			10.00	49	39	44	69	0	00	29.37	30.35
07	OVC	060			10.00	42	33	38	71	0	00	29.02	30.00	07	OVC	065			10.00	49	40	45	71	0	00	29.37	30.35
10	OVC	013			1.00	33	32	33	96	3	09	29.10	30.11	10	OVC	080			10.00	53	42	48	66	0	00	29.40	30.38
13	OVC	008			0.75	33	32	33	96	0	00	29.10	30.10	13	BKN	075			10.00	65	47	55	52	6	20	29.36	30.34
16	FEW	005			10.00	36	34	35	92	0	00	29.08	30.09	16	CLR	NC			10.00	71	47	58	43	5	VR	29.32	30.29
19	CLR	NC			10.00	32	28	30	85	0	00	29.10	30.12	19	CLR	NC			10.00	59	48	53	67	0	00	29.32	30.30
22	CLR	NC			4.00	28	26	27	92	0	00	29.12	30.14	22	CLR	NC			10.00	54	47	50	77	0	00	29.34	30.32
SUNRISE: 0736						FEB 03						SUNSET: 1806															
01	CLR	NC			9.00	25	23	24	92	0	00	29.12	30.14	01	CLR	NC			10.00	45	42	44	89	0	00	29.34	30.32
04	CLR	NC			10.00	24	17	22	75	0	00	29.10	30.12	04	CLR	NC			7.00	40	38	39	93	0	00	29.34	30.31
07	CLR	NC			10.00	21	18	20	88	0	00	29.08	30.11	07	CLR	NC			6.00	41	40	41	96	0	00	29.34	30.33
10	OVC	060			10.00	29	21	26	72	6	23	29.05	30.07	10	CLR	NC			9.00	47	44	46	89	0	00	29.38	30.37
13	OVC	060			10.00	35	22	30	59	8	25	28.95	29.97	13	CLR	NC			10.00	65	48	56	54	3	VR	29.30	30.28
16	BKN	055			10.00	36	23	31	59	10	27	28.93	29.95	16	CLR	NC			10.00	71	45	57	39	11	19	29.21	30.19
19	FEW	044			10.00	20	4	16	50	9	29	29.13	30.18	19	CLR	NC			10.00	66	44	54	45	3	20	29.20	30.18
22	OVC	044			10.00	15	1	12	54	7	VR	29.24	30.29	22	CLR	NC			10.00	62	45	53	54	3	22	29.22	30.20
SUNRISE: 0735						FEB 04						SUNSET: 1807															
01	OVC	080			10.00	15	6	13	67	7	28	29.27	30.31	01	CLR	NC			10.00	61	47	54	60	5	22	29.21	30.17
04	OVC	070			10.00	15	7	13	70	3	VR	29.29	30.33	04	CLR	NC			10.00	53	46	49	77	0	00	29.20	30.17
07	OVC	031			10.00	16	10	14	77	0	00	29.34	30.40	07	BKN	090			9.00	47	43	45	86	0	00	29.21	30.19
10	BKN	035			10.00	20	7	17	57	0	00	29.41	30.47	10	FEW	090			10.00	59	43	51	56	5	26	29.22	30.19
13	OVC	036			10.00	25	10	21	53	6	VR	29.41	30.47	13	OVC	065			10.00	62	45	53	54	5	21	29.20	30.16
16	OVC	045			10.00	26	7	21	44	7	30	29.45	30.51	16	OVC	075			10.00	65	47	55	52	5	23	29.13	30.09
19	OVC	055			10.00	23	10	19	57	3	32	29.52	30.58	19	OVC	075			10.00	64	46	54	52	0	00	29.13	30.11
22	OVC	043			9.00	21	12	18	68	0	00	29.54	30.60	22	OVC	100			10.00	62	45	53	54	3	VR	29.12	30.08
SUNRISE: 0734						FEB 05						SUNSET: 1808															
01	CLR	NC			10.00	19	8	16	62	0	00	29.54	30.60	01	CLR	NC			10.00	56	44	50	64	0	00	29.08	30.04
04	CLR	NC			10.00	14	9	13	80	0	00	29.55	30.62	04	CLR	NC			10.00	59	45	52	60	6	VR	29.03	29.98
07	CLR	NC			10.00	13	8	12	80	0	00	29.58	30.65	07	OVC	048			10.00	59	46	52	62	9	21	29.03	29.98
10	CLR	NC			10.00	20	9	17	62	0	00	29.63	30.69	10	OVC	031			10.00	62	50	55	65	9	19	28.97	29.93
13	CLR	NC			10.00	27	9	22	47	0	00	29.59	30.65	13	OVC	085			10.00	67	51	58	57	10	20	28.84	29.79
16	CLR	NC			10.00	33	9	26	36	3	VR	29.52	30.57	16	OVC	065			10.00	66	54	59	65	18	19	28.62	29.55
19	CLR	NC			10.00	30	10	24	43	0	00	29.49	30.55	19	CLR	NC			10.00	57	39	48	51	9	24	28.84	29.80
22	CLR	NC			10.00	26	12	22	55	0	00	29.47	30.52	22	BKN	070			10.00	58	35	47	42	9	24	28.97	29.93
SUNRISE: 0733						FEB 06						SUNSET: 1809															
01	CLR	NC			10.00	22	14	20	71	0	00	29.46	30.50	01	OVC	050			10.00	56	38	47	51	11	26	29.04	29.99
04	CLR	NC			10.00	22	14	20	71	0	00	29.45	30.49	04	OVC	050			10.00	55	39	47	55	3	27	29.06	30.01
07	CLR	NC			10.00	21	15	19	78	0	00	29.47	30.52	07	FEW	044			10.00	50	39	45	66	10	26	29.14	30.12
10	CLR	NC			10.00	36	13	29	39	5	23	29.48	30.50	10	CLR	NC			10.00	50	32	42	50	5	VR	29.24	30.22
13	CLR	NC			10.00	46	18	36	33	7	VR	29.43	30.45	13	CLR	NC			10.00	57	29	45	34	6	VR	29.22	30.20
16	CLR	NC			10.00	54	24	42	31	0	00	29.38	30.39	16	CLR	NC			10.00	60	23	44	24	0	00	29.19	30.16
19	CLR	NC			10.00	46	28	39	50	0	00	29.37	30.39	19	CLR	NC			10.00	54	24	42	31	0	00	29.19	30.17
22	CLR	NC			10.00	35	28	32	76	0	00	29.39	30.41	22	CLR	NC			10.00	46	28	39	50	3	24	29.20	30.19

OBSERVATIONS AT 3-HOURLY INTERVALS

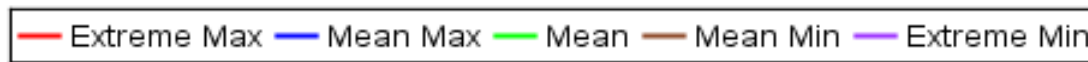
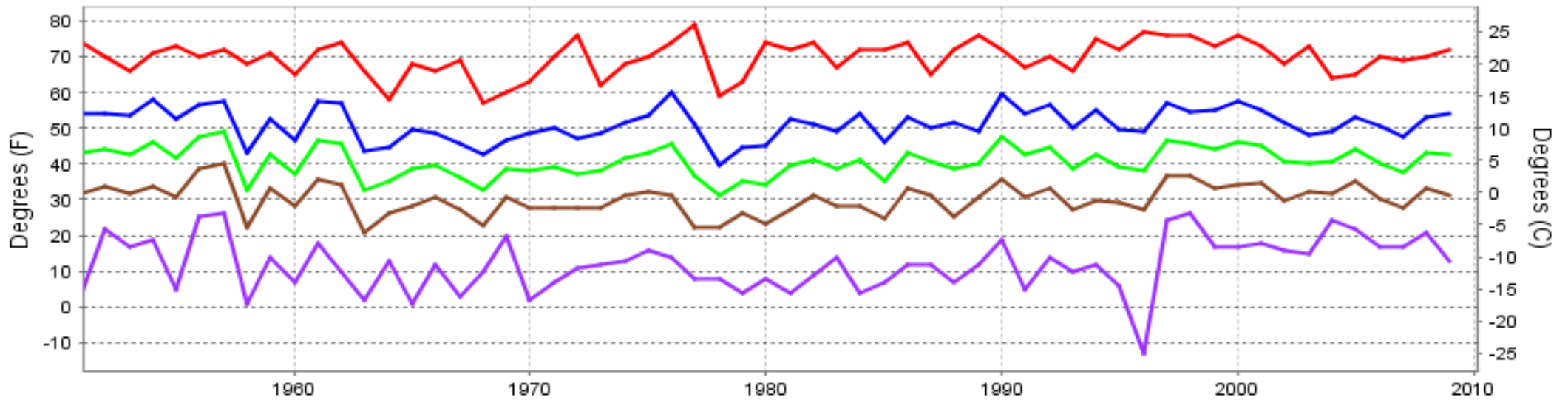
OAK RIDGE, TN

FEBRUARY 2009 KOQT

WBAN # 53868

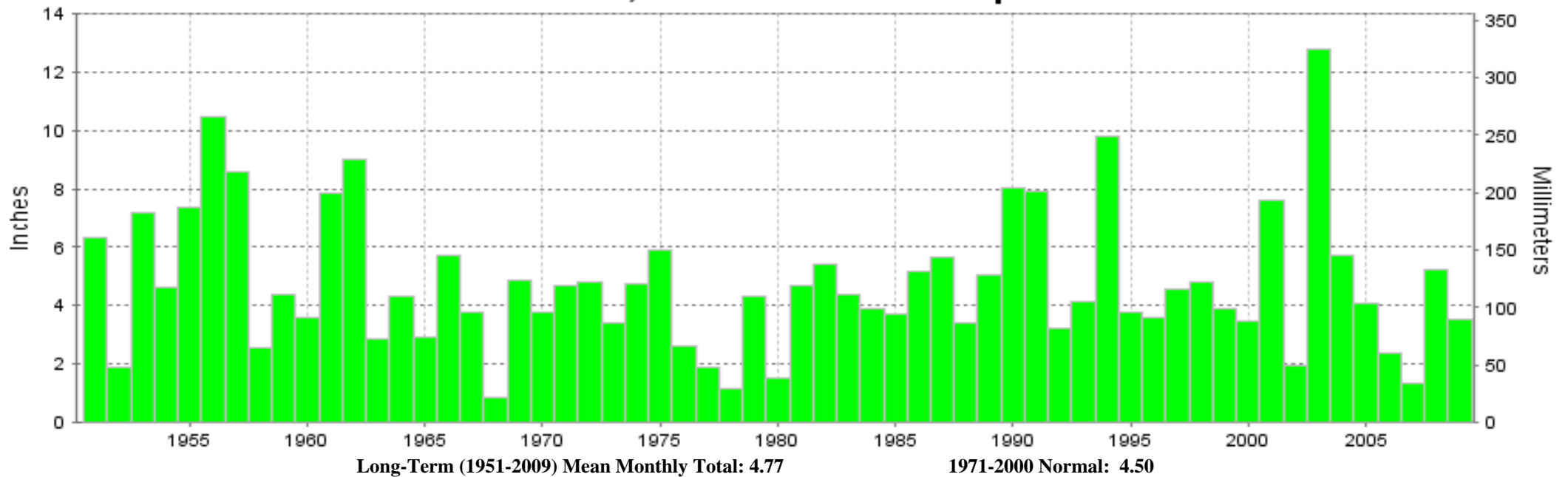
HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (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)	STATION	SEA LEVEL								
			SUNRISE: 0727						FEB 13							SUNSET: 1816						SUNRISE: 0720						FEB 19						SUNSET: 1822	
01	CLR	NC			10.00		37	30	34	76	0	00	29.21	30.20	01	CLR	NC			10.00		50	37	44	61	9	29	28.74	29.71						
04	CLR	NC			10.00		34	29	32	82	0	00	29.20	30.19	04	BKN	055			10.00		44	29	38	56	7	VR	28.80	29.78						
07	CLR	NC			10.00		32	29	31	89	0	00	29.22	30.22	07	FEW	046			10.00		39	22	33	51	9	30	28.88	29.86						
10	CLR	NC			10.00		44	32	39	63	0	00	29.24	30.24	10	OVC	044			10.00		37	21	31	52	6	VR	28.96	29.95						
13	CLR	NC			10.00		59	28	45	31	0	00	29.17	30.16	13	SCT	055			10.00		39	15	31	38	3	VR	29.00	29.98						
16	CLR	NC			10.00		62	27	46	26	6	17	29.10	30.09	16	CLR	NC			10.00		40	11	30	30	13	27	29.01	30.01						
19	BKN	100			10.00		58	27	44	31	0	00	29.09	30.08	19	CLR	NC			10.00		34	11	27	38	5	30	29.09	30.10						
22	CLR	NC			10.00		48	33	41	56	0	00	29.05	30.03	22	SCT	050			10.00		30	12	24	47	7	29	29.15	30.17						
SUNRISE: 0725						FEB 14						SUNSET: 1817						SUNRISE: 0719						FEB 20						SUNSET: 1823					
01	CLR	NC			10.00		46	31	40	56	3	22	28.99	29.96	01	CLR	NC			10.00		26	10	21	51	0	00	29.19	30.21						
04	OVC	044			10.00		52	34	44	50	3	VR	28.98	29.94	04	CLR	NC			10.00		20	13	18	74	0	00	29.21	30.24						
07	OVC	028			10.00		46	44	45	93	0	00	28.98	29.95	07	CLR	NC			10.00		19	13	17	77	0	00	29.23	30.26						
10	OVC	004			1.50	BR	47	46	47	96	0	00	28.98	29.96	10	CLR	NC			10.00		27	11	22	51	0	00	29.26	30.30						
13	OVC	007			6.00	BR	49	47	48	93	6	VR	28.98	29.96	13	CLR	NC			10.00		35	8	27	32	7	VR	29.25	30.28						
16	BKN	060			10.00		56	48	52	75	3	VR	28.98	29.95	16	CLR	NC			10.00		40	7	30	25	6	27	29.20	30.23						
19	FEW	050			10.00		52	37	45	57	7	34	29.05	30.02	19	CLR	NC			10.00		38	7	28	27	0	00	29.21	30.24						
22	CLR	NC			10.00		43	33	39	68	0	00	29.09	30.08	22	CLR	NC			10.00		30	14	25	51	0	00	29.21	30.24						
SUNRISE: 0724						FEB 15						SUNSET: 1818						SUNRISE: 0717						FEB 21						SUNSET: 1824					
01	CLR	NC			10.00		39	31	36	73	5	04	29.13	30.12	01	CLR	NC			10.00		27	15	23	61	0	00	29.24	30.27						
04	CLR	NC			10.00		36	29	33	76	0	00	29.16	30.15	04	CLR	NC			10.00		25	18	23	75	0	00	29.26	30.29						
07	CLR	NC			10.00		36	29	33	76	6	04	29.17	30.17	07	CLR	NC			10.00		23	18	21	81	0	00	29.25	30.28						
10	CLR	NC			10.00		39	30	35	70	0	00	29.18	30.19	10	CLR	NC			10.00		35	19	29	52	0	00	29.27	30.29						
13	CLR	NC			10.00		48	32	41	54	7	07	29.14	30.14	13	CLR	NC			10.00		51	20	39	29	13	21	29.16	30.17						
16	FEW	100			10.00		51	28	41	41	6	08	29.10	30.09	16	CLR	NC			10.00		57	21	42	25	5	VR	29.05	30.05						
19	OVC	120			10.00		45	24	37	44	7	02	29.15	30.16	19	OVC	110			10.00		54	21	41	28	8	22	29.06	30.06						
22	OVC	080			10.00		39	29	35	67	7	04	29.20	30.21	22	OVC	046			10.00	-RA	47	34	41	61	14	28	29.12	30.12						
SUNRISE: 0723						FEB 16						SUNSET: 1819						SUNRISE: 0716						FEB 22						SUNSET: 1825					
01	CLR	NC			10.00		34	25	31	70	0	00	29.24	30.25	01	OVC	020			8.00	-SN	36	32	34	85	7	34	29.13	30.13						
04	CLR	NC			10.00		29	23	27	78	0	00	29.26	30.27	04	BKN	080			10.00		32	21	28	64	5	28	29.20	30.19						
07	CLR	NC			10.00		27	21	25	78	0	00	29.29	30.32	07	OVC	042			10.00		29	20	26	69	6	25	29.25	30.26						
10	CLR	NC			10.00		38	21	32	50	5	VR	29.35	30.36	10	OVC	035			10.00		30	18	26	61	7	27	29.34	30.35						
13	CLR	NC			10.00		41	19	33	41	0	00	29.35	30.36	13	OVC	038			10.00		33	17	28	52	6	VR	29.37	30.40						
16	CLR	NC			10.00		47	14	35	26	5	VR	29.32	30.34	16	OVC	044			10.00		34	16	28	48	9	28	29.41	30.44						
19	CLR	NC			10.00		40	14	31	35	3	02	29.34	30.37	19	OVC	045			10.00		32	14	26	47	0	00	29.46	30.50						
22	CLR	NC			10.00		31	18	27	59	0	00	29.35	30.37	22	CLR	NC			10.00		28	15	24	58	0	00	29.49	30.53						
SUNRISE: 0722						FEB 17						SUNSET: 1820						SUNRISE: 0715						FEB 23						SUNSET: 1826					
01	CLR	NC			10.00		30	17	26	58	0	00	29.34	30.36	01	CLR	NC			10.00		25	16	22	69	0	00	29.50	30.55						
04	CLR	NC			10.00		26	19	24	75	0	00	29.33	30.35	04	CLR	NC			10.00		21	16	20	81	0	00	29.49	30.54						
07	CLR	NC			10.00		24	20	23	85	0	00	29.30	30.33	07	CLR	NC			10.00		19	15	18	84	0	00	29.53	30.58						
10	CLR	NC			10.00		35	21	30	57	3	06	29.31	30.33	10	BKN	030			10.00		29	17	25	61	7	07	29.56	30.61						
13	CLR	NC			10.00		46	18	36	33	6	28	29.22	30.24	13	CLR	NC			10.00		34	15	28	46	5	VR	29.52	30.56						
16	CLR	NC			10.00		52	16	38	24	9	22	29.13	30.14	16	CLR	NC			10.00		40	14	31	35	3	VR	29.46	30.49						
19	OVC	060			10.00		49	18	37	29	8	23	29.10	30.11	19	CLR	NC			10.00		36	17	30	46	3	05	29.47	30.50						
22	OVC	050			10.00		47	27	39	46	0	00	29.06	30.06	22	CLR	NC			10.00		30	18	26	61	6	06	29.47	30.50						
SUNRISE: 0721						FEB 18						SUNSET: 1821						SUNRISE: 0714						FEB 24						SUNSET: 1827					
01	OVC	040			5.00	-RA	43	36	40	76	5	VR	29.01	29.99	01	CLR	NC			10.00		26	18	23	72	0	00	29.48	30.51						
04	OVC	034			6.00	-RA BR	41	40	41	96	0	00	28.89	29.87	04	CLR	NC			10.00		25	18	23	75	3	04	29.45	30.47						
07	OVC	010			3.00	RA BR	42	41	42	96	3	21	28.84	29.83	07	CLR	NC			10.00		23	18	21	81	3	06	29.46	30.49						
10	OVC	006			1.75	-RA BR	43	43	43	100	0	00	28.76	29.74	10	CLR	NC			10.00		31	18	27	59	0	00	29.47	30.50						
13	OVC	004			3.00	-RA BR	47	46	47	96	5	VR	28.69	29.67	13	CLR	NC			10.00		41	16	32	36	0	00	29.40	30.42						
16	FEW	023			6.00	BR	55	53	54	93	3	23	28.57	29.54	16	CLR	NC			10.00		49	14	36	25	3	VR	29.33	30.35						
19	CLR	NC			1.75	BR	54	53	53	96	0	00	28.62	29.59	19	CLR	NC			10.00		47	15	35	28	0	00	29.30	30.32						
22	CLR	NC			10.00		56	42	49	60	7	29	28.70	29.66	22	BKN	120			10.00		42	22	34	45	0	00	29.34	30.35						

OAK RIDGE, TN FEBRUARY Temperatures



Long-Term (1951-2009) Mean: 40.8
 1971-2000 Normal: 40.6

OAK RIDGE, TN FEBRUARY Precipitation



Long-Term (1951-2009) Mean Monthly Total: 4.77

1971-2000 Normal: 4.50



**FEBRUARY 2009
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.

Thomas R. Karl
DIRECTOR

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