



NOVEMBER 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					
																			5-SEC		2-MIN			
01	69	47	58	6	46	50	7	0				0.00	29.19	30.17	1.2	06	1.7	15	05	9	05	01		
02	69	42	56	4	40	47	9	0				0.00	29.18	30.16	2.2	06	2.7	15	07	10	06	02		
03	67	34	51	-1	32	41	14	0				0.00	29.15	30.14	0.2	29	1.0	9	28	6	35	03		
04	67	33	50	-1	32	41	15	0				0.00	29.11	30.10	2.0	25	3.3	24	26	14	26	04		
05	69	34	52	1	39	46	13	0	RA BR			0.78	29.07	30.04	3.0	22	4.2	28	21	17	21	05		
06	58	35	47	-4	25	38	18	0	RA			0.02	29.15	30.18	1.2	33	3.7	18	36	13	34	06		
07	51	28	40	-10	25	33	25	0				0.00	29.31	30.33	0.2	14	0.8	14	07	9	07	07		
08	52	29	41	-9	27	36	24	0	BR			0.00	29.19	30.19	1.1	23	1.6	20	19	12	21	08		
09	65	40	53	3	34	44	12	0	RA			T	29.07	30.05	2.1	22	3.1	17	36	10	20	09		
10	55	36	46	-3	29	39	19	0				0.00	29.18	30.20	1.7	06	2.5	21	33	13	06	10		
11	59	31	45	-4	33	39	20	0	FG+ FG FZFG BR			0.00	29.28	30.30	0.9	22	1.9	12	25	8	24	11		
12	65	45	55	6	39	47	10	0				0.00	29.32	30.31	1.3	24	2.0	14	28	10	27	12		
13	61	50	56	8	49	52	9	0	RA FG+ FG BR			0.70	29.15	30.11	1.1	21	1.2	13	21	9	21	13		
14	68	53	61*	13	57	58	4	0	RA FG+ FG BR HZ			0.77	28.96	29.90	1.5	25	2.8	22	34	14	34	14		
15	54	36	45	-3	28	38	20	0	RA			0.05	29.04	30.06	3.4	30	5.3	31*	28	15	28	15		
16	49	27	38	-10	25	33	27	0				0.00	29.16	30.17	0.4	19	0.9	13	22	9	21	16		
17	54	28	41	-6	32	37	24	0	FG+ FZFG BR			0.00	29.09	30.10	1.0	26	1.2	13	26	9	26	17		
18	65	40	53	6	43	47	12	0	BR			0.00	29.20	30.20	0.5	26	0.8	10	20	7	28	18		
19	66	47	57	10	49	52	8	0	BR			0.00	29.28	30.26	0.4	20	0.7	9	19	7	17	19		
20	71	46	59	13	48	52	6	0	FG+ FG BR			0.00	29.21	30.19	0.7	24	1.8	21	21	14	21	20		
21	73*	47	60	14	51	55	5	0	RA BR			0.07	29.10	30.05	2.3	22	2.8	29	18	17*	19	21		
22	63	40	52	6	43	47	13	0	RA BR			0.38	29.07	30.08	1.9	30	4.6	22	34	13	34	22		
23	44	31	38	-7	22	32	27	0				0.00	29.33	30.36	2.7	36	4.3	18	07	12	07	23		
24	49	27*	38*	-7	25	34	27	0	RA			T	29.38	30.39	0.3	12	0.8	13	14	9	17	24		
25	50	43	47	2	36	42	18	0	RA			T	29.24	30.22	0.4	05	1.7	14	06	10	07	25		
26	59	47	53	9	48	50	12	0	RA FG BR			2.30	29.02	30.00	2.0	24	2.8	25	25	15	26	26		
27	56	33	45	1	31	40	20	0				0.00	29.31	30.34	1.6	31	3.1	16	36	12	26	27		
28	59	30	45	1	29	36	20	0				0.00	29.36	30.35	0.4	24	1.7	15	21	9	22	28		
29	61	38	50	6	27	39	15	0				0.00	29.26	30.27	1.7	01	3.4	15	25	10	36	29		
30	56	30	43	0	21	34	22	0				0.00	29.36	30.38	0.7	08	1.1	9	07	7	10	30		

60.1	37.6	48.9	☼	35.5	42.6	15.8	0.0	< MONTHLY AVERAGES TOTALS >				5.07	29.19	30.18	0.5	27	2.3	< MONTHLY AVERAGES					
1.1	1.2	1.2		-----DEPARTURE FROM NORMAL ----->				0.21	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3														
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 2.30 DATE : 26				SEA LEVEL PRESSURE				DATE TIME							
MONTHLY								GREATEST 24-HR SNOWFALL :				MAXIMUM :				30.47 24 0959							
SEASON TO DATE								GREATEST SNOW DEPTH :				MINIMUM :				29.78 14 2153							
TOTAL DEPARTURE				TOTAL DEPARTURE				NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 0				MINIMUM TEMP <= 32 : 9				PRECIPITATION >= 0.01 INCH : 8			
HEATING : 475 -43				589 -189				THUNDERSTORMS : 0				MAXIMUM TEMP <= 32 : 0				MINIMUM TEMP <= 0 : 0				PRECIPITATION >= 0.10 INCH : 5			
COOLING : 0 -1				1933 632								HEAVY FOG : 5				SNOWFALL >= 1.0 INCH :							

NOVEMBER 2007
OAK RIDGE, TN

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

OAK RIDGE, TN (KOQT)
NOVEMBER 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													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							0.05	0.23	0.43	0.07	05	0.78	0.78		
06	0.02	T	T										06											06	0.02	0.02		
07													07											07	0.00	0.00		
08													08											08	0.00	0.00		
09													09						T					09	T	T		
10													10											10	0.00	0.00		
11													11											11	0.00	0.00		
12													12											12	0.00	0.00		
13													13			0.13	0.39	0.10						13	0.70	0.70		
14													14			0.01				0.01	0.15	0.27	0.20	0.13	T	14	0.77	0.77
15	0.03	0.01	0.01	T									15		T	T	T							15	0.05	0.05		
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													20											20	0.00	0.00		
21													21				T	0.02	0.01	0.02	0.01	0.01	0.01	21	0.07	0.07		
22													22							T				22	0.38	0.38		
23													23											23	0.00	0.00		
24													24											24	T	T		
25	T	T	T	T	T								25		T	T	T	T					T	T	25	T	T	
26													26	0.01	0.06				0.07	0.60	T			26	2.30	2.30		
27													27											27	0.00	0.00		
28													28											28	0.00	0.00		
29													29											29	0.00	0.00		
30													30											30	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)	0.14	0.24	0.37	0.42	0.53	0.60	0.66	0.73	0.81	0.89	0.98	1.16
Ending Date	26	26	26	26	26	26	26	26	26	26	26	26
Ending Time (Hr/Min)	1718	1717	1718	1717	1732	1732	1753	0505	0508	0511	0522	0650

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 NOVEMBER 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							9.00	10.00	
02							10.00	10.00	
03							10.00	10.00	
04							10.00	10.00	
05							1.75	10.00	
06							6.00	10.00	
07							10.00	10.00	
08							6.00	10.00	
09							10.00	10.00	
10							8.00	10.00	
11							0.00	10.00	
12							10.00	10.00	
13							0.25	10.00	
14							0.50	10.00	
15							6.00	10.00	
16							9.00	10.00	
17							1.50	10.00	
18							6.00	10.00	
19							5.00	10.00	
20							0.00	10.00	
21							5.00	10.00	
22							1.25	10.00	
23							10.00	10.00	
24							10.00	10.00	
25							9.00	10.00	
26							1.50	10.00	
27							10.00	10.00	
28							7.00	10.00	
29							10.00	10.00	
30							10.00	10.00	
MONTHLY AVGS							6.43	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		
3			8				16		

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

NOVEMBER 2007 KOQT

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: 0659						NOV 01						SUNSET: 1742																	
01	FEW	055			10.00	NOV 01	48	45	47	89	0	00	29.21	30.19	01	CLR	NC			10.00	NOV 07	33	25	30	72	0	00	29.33	30.34
04	CLR	NC			10.00		47	44	46	89	0	00	29.19	30.16	04	OVC	055			10.00		31	26	29	82	0	00	29.33	30.34
07	BKN	070			10.00		48	45	47	89	0	00	29.20	30.18	07	CLR	NC			10.00		28	24	27	85	0	00	29.36	30.38
10	CLR	NC			10.00		58	50	54	75	0	00	29.22	30.19	10	CLR	NC			10.00		40	27	35	60	0	00	29.39	30.41
13	BKN	045			10.00		69	53	60	57	6	05	29.17	30.14	13	CLR	NC			10.00		48	22	38	36	0	00	29.33	30.33
16	CLR	NC			10.00		65	51	57	61	3	VR	29.16	30.13	16	CLR	NC			10.00		50	23	39	35	0	00	29.27	30.28
19	CLR	NC			10.00		55	41	48	59	0	00	29.19	30.17	19	CLR	NC			10.00		42	27	36	55	0	00	29.26	30.28
22	CLR	NC			10.00		50	41	46	71	0	00	29.21	30.19	22	CLR	NC			10.00		34	28	32	79	0	00	29.27	30.29
SUNRISE: 0700						NOV 02						SUNSET: 1741																	
01	CLR	NC			10.00	NOV 02	47	39	43	74	5	06	29.20	30.17	01	CLR	NC			10.00	NOV 08	30	26	29	85	0	00	29.23	30.24
04	CLR	NC			10.00		47	40	44	77	3	04	29.18	30.16	04	CLR	NC			9.00		29	26	28	89	0	00	29.23	30.24
07	CLR	NC			10.00		45	39	42	80	0	00	29.21	30.20	07	CLR	NC			8.00		31	28	30	89	0	00	29.24	30.26
10	CLR	NC			10.00		54	37	46	53	7	06	29.24	30.22	10	CLR	NC			10.00		40	30	36	68	0	00	29.25	30.26
13	CLR	NC			10.00		65	39	52	39	3	VR	29.17	30.14	13	CLR	NC			10.00		51	26	41	38	8	22	29.16	30.17
16	CLR	NC			10.00		67	40	53	37	0	00	29.13	30.10	16	CLR	NC			10.00		52	23	40	32	7	VR	29.13	30.12
19	CLR	NC			10.00		55	44	49	67	0	00	29.16	30.14	19	OVC	120			10.00		49	29	40	46	0	00	29.13	30.14
22	CLR	NC			10.00		47	41	44	80	0	00	29.16	30.14	22	BKN	110			10.00		48	27	39	44	0	00	29.14	30.14
SUNRISE: 0701						NOV 03						SUNSET: 1740																	
01	CLR	NC			10.00	NOV 03	42	38	40	86	0	00	29.15	30.13	01	CLR	NC			10.00	NOV 09	43	30	38	60	0	00	29.13	30.12
04	CLR	NC			10.00		37	34	36	89	0	00	29.14	30.12	04	FEW	120			10.00		42	30	37	63	0	00	29.13	30.12
07	CLR	NC			10.00		35	32	34	89	0	00	29.18	30.18	07	FEW	120			10.00		42	32	38	68	0	00	29.13	30.13
10	CLR	NC			10.00		48	37	43	66	0	00	29.19	30.19	10	CLR	NC			10.00		48	29	40	48	0	00	29.13	30.12
13	CLR	NC			10.00		63	30	48	29	5	30	29.14	30.12	13	CLR	NC			10.00		61	33	48	35	7	20	29.05	30.03
16	CLR	NC			10.00		65	27	48	24	6	19	29.10	30.08	16	OVC	065			10.00		63	38	51	40	5	VR	28.98	29.95
19	CLR	NC			10.00		52	31	43	45	3	02	29.14	30.14	19	OVC	095			10.00		60	41	50	50	3	23	28.99	29.97
22	CLR	NC			10.00		44	33	39	65	0	00	29.16	30.16	22	OVC	080			10.00		58	40	49	51	3	27	29.05	30.02
SUNRISE: 0702						NOV 04						SUNSET: 1739																	
01	CLR	NC			10.00	NOV 04	39	33	36	79	0	00	29.14	30.13	01	CLR	NC			10.00	NOV 10	51	31	42	46	0	00	29.09	30.05
04	CLR	NC			10.00		37	32	35	82	0	00	29.15	30.14	04	CLR	NC			10.00		44	32	39	63	0	00	29.13	30.10
07	CLR	NC			10.00		33	29	31	85	0	00	29.17	30.17	07	CLR	NC			10.00		37	29	34	73	0	00	29.18	30.17
10	CLR	NC			10.00		50	37	44	61	5	VR	29.16	30.16	10	CLR	NC			10.00		48	27	39	44	6	VR	29.24	30.22
13	CLR	NC			10.00		62	38	50	41	6	VR	29.08	30.06	13	CLR	NC			10.00		53	27	42	37	10	07	29.24	30.22
16	CLR	NC			10.00		66	31	49	27	10	27	29.03	30.01	16	CLR	NC			10.00		54	26	42	34	3	VR	29.22	30.21
19	CLR	NC			10.00		60	26	45	27	6	VR	29.08	30.07	19	CLR	NC			10.00		43	30	38	60	0	00	29.24	30.25
22	CLR	NC			10.00		47	30	40	52	3	20	29.13	30.11	22	CLR	NC			10.00		39	31	36	73	0	00	29.26	30.26
SUNRISE: 0703						NOV 05						SUNSET: 1738																	
01	CLR	NC			10.00	NOV 05	42	30	37	63	0	00	29.13	30.11	01	CLR	NC			7.00	NOV 11	35	31	33	85	3	05	29.27	30.27
04	CLR	NC			10.00		37	30	34	76	0	00	29.14	30.12	04	CLR	NC			7.00		32	29	31	89	0	00	29.27	30.27
07	CLR	NC			10.00		34	29	32	82	0	00	29.16	30.16	07	OVC	007			0.25	FZFG	31	29	30	92	0	00	29.31	30.32
10	SCT	049			10.00		52	31	43	45	0	00	29.17	30.16	10	CLR	NC			8.00		41	35	38	79	0	00	29.37	30.38
13	FEW	044			10.00		64	33	49	32	6	VR	29.08	30.05	13	CLR	NC			10.00		55	32	45	42	6	25	29.30	30.30
16	CLR	NC			10.00		68	47	56	47	14	22	28.97	29.94	16	CLR	NC			10.00		58	33	46	39	0	00	29.25	30.25
19	OVC	045			10.00		65	48	56	54	6	VR	28.93	29.90	19	CLR	NC			10.00		51	37	45	59	0	00	29.27	30.28
22	OVC	050			1.75	+RA BR	59	56	57	90	7	22	28.94	29.90	22	CLR	NC			10.00		48	37	43	66	3	VR	29.31	30.31
SUNRISE: 0704						NOV 06						SUNSET: 1737																	
01	OVC	037			6.00	NOV 06	54	47	50	77	3	VR	28.99	29.95	01	CLR	NC			10.00	NOV 12	48	37	43	66	3	22	29.31	30.29
04	OVC	085			10.00		49	32	42	52	5	35	29.06	30.02	04	OVC	120			10.00		49	38	44	66	0	00	29.32	30.30
07	CLR	NC			10.00		43	24	36	47	0	00	29.16	30.14	07	CLR	NC			10.00		48	37	43	66	0	00	29.38	30.37
10	CLR	NC			10.00		47	21	37	36	6	28	29.20	30.18	10	CLR	NC			10.00		54	38	46	55	5	25	29.42	30.40
13	CLR	NC			10.00		49	18	37	29	7	VR	29.19	30.18	13	CLR	NC			10.00		62	39	51	43	5	24	29.35	30.32
16	CLR	NC			10.00		51	16	38	25	6	32	29.21	30.19	16	CLR	NC			10.00		62	39	51	43	3	25	29.29	30.27
19	CLR	NC			10.00		44	19	35	37	3	VR	29.27	30.27	19	CLR	NC			10.00		56	41	49	57	0	00	29.28	30.26
22	CLR	NC			10.00		35	27	32	73	3	08	29.33	30.33	22	BKN	110			10.00		54	43	49	67	0	00	29.27	30.25

OBSERVATIONS AT 3-HOURLY INTERVALS

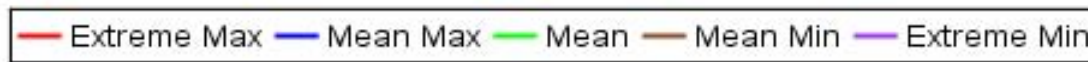
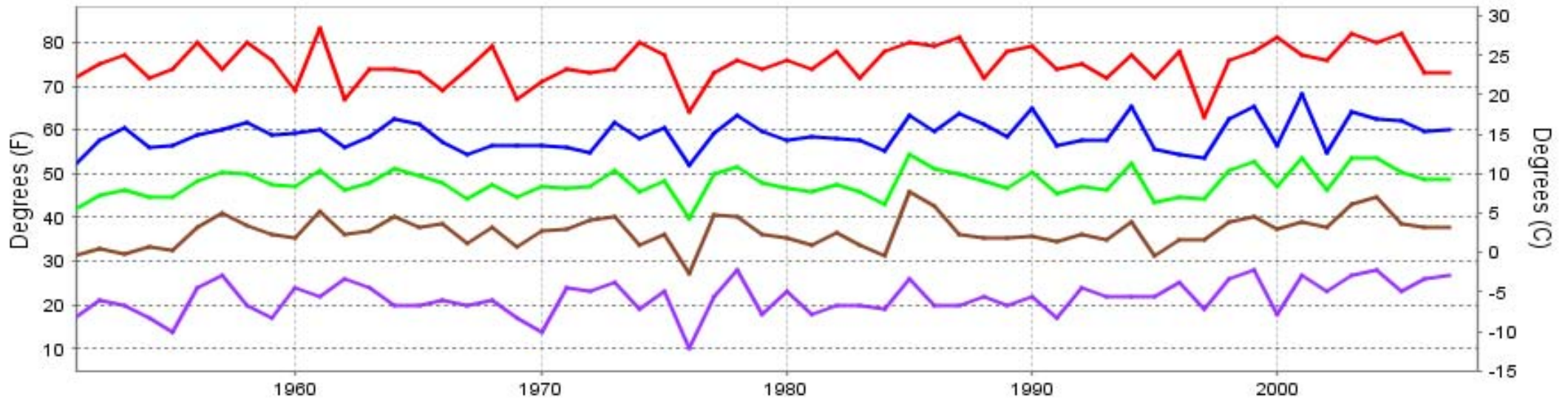
OAK RIDGE, TN

NOVEMBER 2007 KOQT

WBAN # 53868

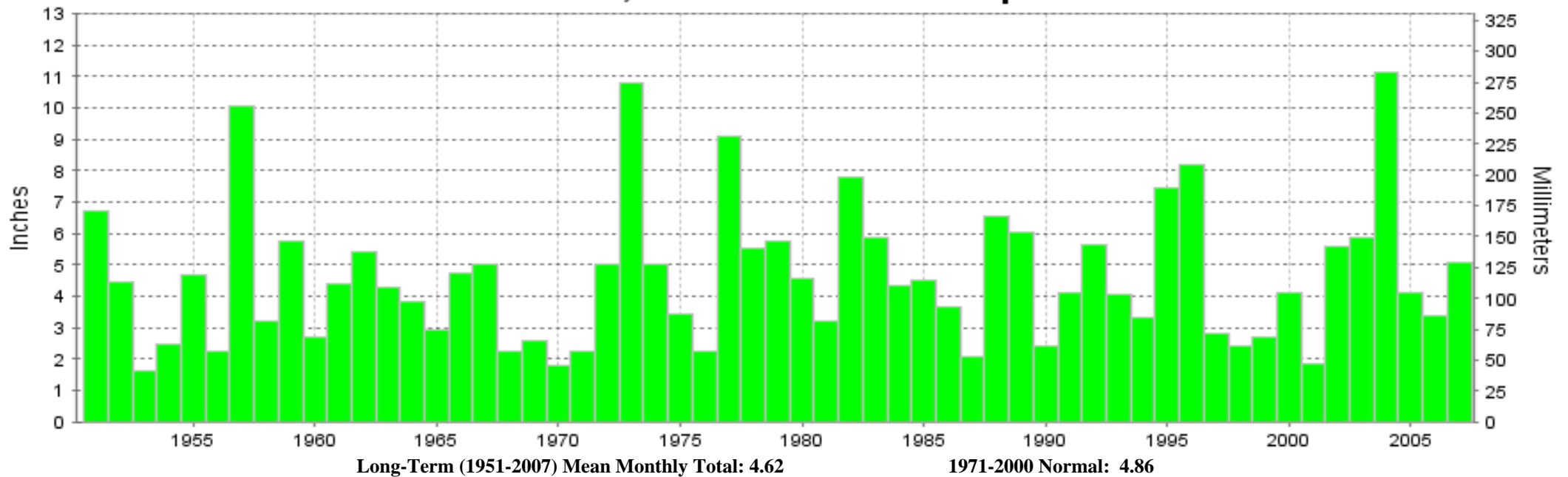
HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)															
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL										
																												WEATHER	WEATHER								
SUNRISE: 0711						NOV 13						SUNSET: 1731																									
01	CLR	NC			10.00						51	43	47	74	0	00	29.23	30.20	01	BKN	070			8.00						49	45	47	86	0	00	29.26	30.24
04	SCT	060			10.00						50	44	47	80	3	22	29.19	30.16	04	BKN	033			7.00						49	47	48	93	0	00	29.27	30.25
07	OVC	080			4.00						50	47	48	90	0	00	29.19	30.17	07	OVC	027			7.00						49	46	48	89	0	00	29.31	30.29
10	OVC	028			8.00						54	48	51	80	0	00	29.18	30.16	10	OVC	021			7.00						54	49	51	83	0	00	29.34	30.32
13	BKN	110			10.00						60	49	54	67	3	22	29.12	30.09	13	OVC	060			8.00						61	52	56	72	0	00	29.31	30.28
16	OVC	044			1.25						55	54	54	96	0	00	29.13	30.10	16	CLR	NC			10.00						65	54	59	68	0	00	29.25	30.22
19	FEW	120			1.75						55	53	54	93	0	00	29.09	30.06	19	CLR	NC			9.00						57	53	55	87	0	00	29.25	30.23
22	OVC	005			0.25						54	53	53	96	0	00	29.06	30.03	22	CLR	NC			5.00					BR	52	49	50	90	0	00	29.26	30.24
SUNRISE: 0712						NOV 14						SUNRISE: 0718						NOV 19						SUNSET: 1727													
01	OVC	008			0.50						54	52	53	93	0	00	29.04	30.01	01	BKN	009			1.00					BR	48	46	47	93	0	00	29.24	30.22
04	OVC	028			0.50						55	54	54	96	3	21	29.01	29.98	04	OVC	001			0.25					FG	47	45	46	93	0	00	29.23	30.21
07	OVC	008			2.50						57	55	56	93	0	00	29.02	29.98	07	VV	001			0.25					FG	48	47	47	96	0	00	29.26	30.24
10	BKN	028			4.00						59	56	57	90	5	23	29.01	29.98	10	CLR	NC			7.00						56	51	53	83	3	VR	29.29	30.27
13	SCT	110			8.00						65	58	61	78	3	VR	28.94	29.90	13	CLR	NC			10.00						69	51	59	53	5	VR	29.21	30.18
16	BKN	045			7.00						66	61	63	84	0	00	28.87	29.82	16	CLR	NC			10.00						71	48	58	44	6	VR	29.16	30.13
19	OVC	095			8.00						67	60	63	78	7	21	28.86	29.81	19	CLR	NC			10.00						59	49	54	70	0	00	29.17	30.15
22	OVC	045			3.00						61	58	59	90	6	VR	28.83	29.78	22	CLR	NC			9.00						52	48	50	86	0	00	29.17	30.15
SUNRISE: 0713						NOV 15						SUNRISE: 0719						NOV 20						SUNSET: 1726													
01	OVC	046			6.00						52	44	48	74	5	34	28.91	29.86	01	CLR	NC			7.00						49	46	48	89	0	00	29.15	30.12
04	OVC	090			10.00						49	42	46	77	0	00	28.96	29.92	04	CLR	NC			5.00					BR	49	46	48	89	0	00	29.16	30.12
07	CLR	NC			10.00						45	30	39	56	3	VR	29.01	29.98	07	OVC	042			7.00						50	47	48	90	0	00	29.17	30.14
10	FEW	055			10.00						46	25	38	44	8	31	29.04	30.01	10	BKN	025			10.00						61	50	55	67	0	00	29.15	30.13
13	OVC	042			10.00						43	26	36	51	8	28	29.09	30.07	13	BKN	039			10.00						70	53	60	55	6	VR	29.07	30.03
16	OVC	049			10.00						42	21	34	43	7	31	29.13	30.13	16	SCT	065			10.00						71	51	60	49	8	21	29.02	29.97
19	FEW	050			10.00						40	24	34	53	0	00	29.18	30.18	19	OVC	075			9.00					-RA	61	58	59	90	0	00	29.02	29.98
22	FEW	055			10.00						38	23	32	55	3	31	29.21	30.22	22	OVC	013			9.00					-RA	61	57	59	87	8	22	29.00	29.96
SUNRISE: 0714						NOV 16						SUNRISE: 0720						NOV 21						SUNSET: 1726													
01	BKN	050			10.00						36	24	32	62	0	00	29.21	30.22	01	OVC	013			10.00						61	58	59	90	0	00	28.95	29.89
04	CLR	NC			10.00						30	25	28	82	0	00	29.20	30.22	04	OVC	020			1.25					+RA BR	62	60	61	93	3	23	28.93	29.87
07	CLR	NC			9.00						28	24	27	85	0	00	29.22	30.24	07	OVC	018			4.00					-RA BR	58	55	56	90	10	25	28.95	29.90
10	CLR	NC			10.00						39	25	34	57	0	00	29.22	30.24	10	OVC	038			10.00						52	43	48	72	8	26	29.09	30.05
13	CLR	NC			10.00						46	24	37	42	0	00	29.14	30.15	13	OVC	025			10.00						47	36	42	66	0	00	29.14	30.12
16	CLR	NC			10.00						49	23	39	36	7	19	29.12	30.12	16	OVC	032			10.00						46	33	40	61	5	VR	29.19	30.16
19	CLR	NC			10.00						39	29	35	67	0	00	29.10	30.12	19	OVC	048			10.00						45	32	39	60	3	34	29.24	30.22
22	CLR	NC			10.00						35	29	33	79	0	00	29.10	30.12	22	OVC	060			10.00						42	34	39	73	6	VR	29.27	30.27
SUNRISE: 0715						NOV 17						SUNRISE: 0721						NOV 22						SUNSET: 1725													
01	CLR	NC			8.00						30	27	29	89	0	00	29.12	30.12	01	OVC	050			10.00						40	32	37	73	6	35	29.27	30.27
04	CLR	NC			8.00						29	26	28	89	0	00	29.13	30.13	04	CLR	NC			10.00						38	29	34	70	3	35	29.29	30.30
07	CLR	NC			8.00						29	26	28	89	0	00	29.13	30.14	07	CLR	NC			10.00						35	25	31	67	7	33	29.32	30.33
10	BKN	090			8.00						40	34	37	79	0	00	29.13	30.14	10	CLR	NC			10.00						38	16	30	41	8	33	29.39	30.40
13	FEW	070			10.00						50	31	42	48	6	25	29.08	30.08	13	FEW	050			10.00						42	18	33	38	0	00	29.37	30.37
16	CLR	NC			10.00						54	33	44	45	0	00	29.03	30.02	16	CLR	NC			10.00						43	17	34	35	3	VR	29.34	30.35
19	SCT	050			10.00						47	37	42	68	0	00	29.07	30.07	19	CLR	NC			10.00						36	21	31	55	0	00	29.38	30.40
22	OVC	055			10.00						46	39	43	77	0	00	29.12	30.11	22	CLR	NC			10.00						32	22	28	67	0	00	29.40	30.42
SUNRISE: 0716						NOV 18						SUNRISE: 0722						NOV 23						SUNSET: 1725													
01	BKN	030			10.00						46	39	43	77	0	00	29.12	30.11	01	CLR	NC			10.00						31	23	28	72	0	00	29.40	30.42
04	OVC	026			10.00						46	40	43	80	3	25	29.13	30.12	04	CLR	NC			10.00						29	23	27	78	0	00	29.39	30.41
07	CLR	NC			7.00						41	39	40	93	0	00	29.19	30.19	07	CLR	NC			10.00						28	24	27	85	3	04	29.41	30.44
10	CLR	NC			10.00						51	43	47	74	0	00	29.25	30.24	10	CLR	NC			10.00						37	24	32	59	0	00	29.45	30.47
13	CLR	NC			10.00						63	4																									

OAK RIDGE, TN NOVEMBER Temperatures



Long-Term (1951-2007) Mean: 47.9
1971-2000 Normal: 47.7

OAK RIDGE, TN NOVEMBER Precipitation



Long-Term (1951-2007) Mean Monthly Total: 4.62

1971-2000 Normal: 4.86



**NOVEMBER 2007
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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