



# JUNE 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	1300 LST	2400 LST	2400 LST	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			5-SEC		2-MIN			
11	12	13	14	15	16	17	18	19	20	21	22	23	24											
01	89	65	77	7	62	66	0	12	RA BR HZ				T	29.10	30.03	0.8	20	2.7	29	21	21	19	01	
02	79	66	73	3	65	68	0	8	BR HZ			0.00	0.00	28.97	29.89	0.4	09	0.7	8	10	6	09	02	
03	84	66	75	5	65	68	0	10	RA BR HZ			0.14	0.14	28.74	29.64	0.4	21	2.2	17	22	10	28	03	
04	85	64	75	4	60	65	0	10	RA BR			0.13	0.13	28.71	29.64	2.2	24	3.8	25	28	15	26	04	
05	86	62	74	3	58	64	0	9	RA BR			0.06	0.06	28.80	29.76	2.0	25	4.1	29	28	13	30	05	
06	86	58	72	1	57	63	0	7	FG+ FG BR			0.00	0.00	28.97	29.92	1.0	18	1.7	15	25	10	21	06	
07	93	61	77	5	61	67	0	12	BR			0.00	0.00	29.01	29.94	2.6	20	3.6	26	19	17	18	07	
08	88	67	78	6	68	71	0	13	RA BR			0.52	0.52	29.08	30.01	1.4	21	2.6	51*	25	26*	28	08	
09	87	66	77	5	64	68	0	12	BR			0.00	0.00	29.08	30.01	0.6	25	2.0	13	27	7	34	09	
10	87	63	75	3	59	65	0	10	BR			0.00	0.00	29.03	29.97	1.2	07	2.3	15	06	10	06	10	
11	80	63	72	0	59	63	0	7				0.00	0.00	29.08	30.01	1.1	08	1.2	9	06	8	06	11	
12	87	59	73	0	54	62	0	8	BR			0.00	0.00	29.07	30.00	1.1	06	3.0	17	36	12	07	12	
13	88	60	74	1	58	64	0	9	RA BR HZ			0.13	0.13	29.03	29.97	1.1	04	2.9	20	06	14	06	13	
14	84	60	72*	-1	61	65	0	7	RA BR				T	29.03	29.96	1.1	24	2.0	16	36	12	08	14	
15	85	61	73	0	60	65	0	8	RA BR				T	29.03	29.97	1.1	23	2.3	15	21	10	20	15	
16	88	67	78	4	62	67	0	13	BR			0.00	0.00	29.08	30.01	1.3	26	2.5	16	25	10	24	16	
17	93	60	77	3	56	64	0	12	BR HZ			0.00	0.00	29.11	30.05	0.1	36	0.9	15	12	10	07	17	
18	92	63	78	4	63	68	0	13	RA				T	29.12	30.05	1.4	20	2.8	29	19	18	17	18	
19	88	68	78	4	67	69	0	13	RA BR HZ			0.50	0.50	29.08	30.02	0.6	20	2.6	24	27	17	28	19	
20	87	64	76	2	57	64	0	11	FG+ FG BR			0.00	0.00	29.12	30.07	1.7	02	2.8	20	01	13	36	20	
21	89	57*	73	-2	52	61	0	8				0.00	0.00	29.16	30.09	0.9	04	2.1	16	06	12	06	21	
22	89	58	74	-1	57	64	0	9				0.00	0.00	29.08	30.00	0.6	27	1.6	14	28	9	28	22	
23	90	66	78	3	65	68	0	13	RA BR HZ			0.06	0.06	29.00	29.93	0.1	12	0.9	22	36	14	36	23	
24	93*	65	79	4	65	69	0	14	RA FG BR				T	29.04	29.99	0.9	24	2.5	13	24	8	24	24	
25	91	68	80	5	65	69	0	15	RA BR			0.02	0.02	29.22	30.16	0.6	14	2.6	22	15	14	15	25	
26	91	68	80	5	66	70	0	15	RA BR				T	29.31	30.24	1.3	21	1.6	26	16	18	16	26	
27	92	68	80	4	66	71	0	15	FG+ BR			0.00	0.00	29.23	30.15	1.8	21	2.7	15	27	10	26	27	
28	91	69	80*	4	66	70	0	15	RA BR HZ				T	29.13	30.06	1.5	26	3.0	23	23	14	27	28	
29	89	69	79	3	67	70	0	14	RA			0.03	0.03	29.13	30.05	0.4	27	2.0	22	32	13	33	29	
30	91	67	79	3	66	70	0	14	RA FG BR				T	29.08	30.02	0.4	02	1.0	12	03	8	25	30	

88.1	63.9	76.0	☼	61.7	66.6	0.0	11.2	< MONTHLY AVERAGES   TOTALS >		1.59	29.05	29.99	0.5	22	2.3	< MONTHLY AVERAGES			
3.2	2.2	2.7		-----DEPARTURE FROM NORMAL ----->						-3.05	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3								
<b>DEGREE DAYS</b>								GREATEST 24-HR PRECIPITATION : 0.52 DATE : 08				SEA LEVEL PRESSURE				DATE TIME			
MONTHLY								GREATEST 24-HR SNOWFALL :				MAXIMUM :				30.30 26 0914			
SEASON TO DATE								GREATEST SNOW DEPTH :				MINIMUM :				29.57 03 1545			
TOTAL DEPARTURE				TOTAL DEPARTURE				NUMBER OF -> DAYS WITH		MAXIMUM TEMP >= 90 : 10		MINIMUM TEMP <= 32 : 0		PRECIPITATION >= 0.01 INCH : 9					
HEATING : 0 -6				3530 -463				THUNDERSTORMS : 0		MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH : 5					
COOLING : 336 82				579 209								HEAVY FOG : 3		SNOWFALL >= 1.0 INCH :					

JUNE 2007  
OAK RIDGE, TN

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

OAK RIDGE, TN (KOQT)  
JUNE 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	T	T	
02													02												02	0.00	0.00	
03	T		T										03		0.01	0.13	T							03	0.14	0.14		
04		0.01											04					0.12						04	0.13	0.13		
05													05							0.04	0.02			05	0.06	0.06		
06													06											06	0.00	0.00		
07													07											07	0.00	0.00		
08													08	0.07	0.04		0.39	0.02						08	0.52	0.52		
09													09											09	0.00	0.00		
10													10											10	0.00	0.00		
11													11											11	0.00	0.00		
12													12											12	0.00	0.00		
13													13						0.01	0.12				13	0.13	0.13		
14													14		T	T								14	T	T		
15													15		T	T								15	T	T		
16													16											16	0.00	0.00		
17													17											17	0.00	0.00		
18													18	T	T									18	T	T		
19													19		0.16	0.26	0.01	0.03	0.03	0.01				19	0.50	0.50		
20													20											20	0.00	0.00		
21													21											21	0.00	0.00		
22													22											22	0.00	0.00		
23													23		T	T					0.04	0.02		23	0.06	0.06		
24													24								T			24	T	T		
25													25								0.02	T		25	0.02	0.02		
26													26					T	T	T				26	T	T		
27													27											27	0.00	0.00		
28													28											28	T	T		
29													29	T	0.01	0.02					T	T		29	0.03	0.03		
30								T	T				30											30	T	T		

\* 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)	0.21	0.31	0.36	0.38	0.39	0.39	0.42	0.42	0.42	0.42	0.44	0.45
Ending Date	08	08	08	08	08	08	19	19	19	19	19	19
Ending Time (Hr/Min)	1611	1616	1620	1622	1626	1626	1540	1540	1540	1540	1707	1736

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 JUNE 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							3.00	8.00	
02							1.00	6.00	
03							1.25	7.00	
04							3.00	10.00	
05							6.00	10.00	
06							0.25	10.00	
07							6.00	10.00	
08							4.00	10.00	
09							0.75	10.00	
10							6.00	10.00	
11							8.00	10.00	
12							6.00	10.00	
13							5.00	10.00	
14							1.00	10.00	
15							5.00	10.00	
16							6.00	10.00	
17							4.00	10.00	
18							7.00	10.00	
19							1.75	10.00	
20							0.25	10.00	
21							10.00	10.00	
22							10.00	10.00	
23							5.00	10.00	
24							0.50	10.00	
25							5.00	10.00	
26							4.00	10.00	
27							0.25	10.00	
28							5.00	10.00	
29							9.00	10.00	
30							0.50	10.00	
MONTHLY AVGS							4.15	9.70	
<b>SUNSHINE (Minutes)</b>									
Total : 0					Possible :				
Percent Possible :									
<b>NUMBER OF DAYS WITH :</b>									
SKY CONDITION									
Clear		Partly CLDY			Cloudy			Missing	
<b>MINIMUM VISIBILITY (MILES)</b>									
<= .25			<= 3.0				>= 7.0		
3			12				5		

# OBSERVATIONS AT 3-HOURLY INTERVALS

# OAK RIDGE, TN

JUNE 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: 0522						JUN 01						SUNSET: 1948																									
01	BKN	090			7.00						71	61	65	71	0	00	29.13	30.06	01	CLR	NC			10.00						64	59	61	84	0	00	29.01	29.94
04	SCT	080			6.00	HZ					67	62	64	84	0	00	29.13	30.05	04	CLR	NC			9.00						62	58	60	87	3	08	29.01	29.94
07	CLR	NC			4.00	HZ					67	62	64	84	0	00	29.13	30.06	07	CLR	NC			8.00						64	59	61	84	0	00	29.06	29.99
10	CLR	NC			7.00						79	61	68	54	6	20	29.14	30.07	10	BKN	041			10.00						78	60	67	54	5	25	29.08	30.01
13	CLR	NC			6.00	HZ					86	61	70	43	6	VR	29.10	30.02	13	FEW	055			10.00						89	61	71	39	11	19	29.02	29.94
16	FEW	060			7.00						88	58	69	36	5	27	29.03	29.95	16	FEW	065			10.00						90	61	71	38	10	21	28.98	29.91
19	OVC	110			6.00	HZ					71	63	66	76	3	VR	29.08	30.01	19	FEW	100			10.00						89	64	72	44	3	VR	28.97	29.89
22	BKN	120			5.00	HZ					69	64	66	84	0	00	29.08	30.01	22	BKN	095			10.00						81	65	70	58	0	00	29.02	29.93
SUNRISE: 0521						JUN 02						SUNSET: 1948																									
01	CLR	NC			4.00	BR					68	64	65	87	0	00	29.05	29.97	01	SCT	060			10.00						80	64	70	58	5	24	29.04	29.95
04	BKN	002			2.00	BR					67	65	66	93	0	00	29.04	29.96	04	CLR	NC			10.00						76	65	69	69	0	00	29.07	29.98
07	OVC	002			1.50	BR					67	65	66	93	0	00	29.04	29.98	07	BKN	032			10.00						75	66	69	74	5	VR	29.13	30.04
10	CLR	NC			5.00	HZ					72	65	68	79	0	00	29.03	29.96	10	OVC	034			10.00						79	68	72	69	7	VR	29.12	30.04
13	CLR	NC			6.00	HZ					76	65	69	69	3	12	28.98	29.91	13	OVC	080			5.00	-RA					75	69	71	82	0	00	29.12	30.04
16	CLR	NC			6.00	HZ					78	66	70	67	3	VR	28.90	29.83	16	BKN	060			10.00						84	71	75	65	6	18	29.05	29.96
19	CLR	NC			6.00	HZ					77	65	69	67	0	00	28.86	29.79	19	CLR	NC			10.00						72	69	70	90	0	00	29.08	30.01
22	SCT	047			6.00	HZ					72	66	68	82	0	00	28.86	29.79	22	CLR	NC			10.00						70	68	69	93	0	00	29.10	30.04
SUNRISE: 0521						JUN 03						SUNSET: 1949																									
01	SCT	070			4.00	-RA BR					70	66	67	87	0	00	28.81	29.74	01	OVC	005			0.75	BR					67	66	66	97	0	00	29.10	30.05
04	CLR	NC			3.00	BR					68	65	66	90	0	00	28.77	29.68	04	OVC	002			4.00	BR					67	65	66	93	0	00	29.10	30.02
07	BKN	004			1.75	BR					67	65	66	93	0	00	28.77	29.69	07	OVC	006			9.00						67	65	66	93	0	00	29.13	30.08
10	BKN	025			5.00	HZ					76	64	68	67	6	27	28.73	29.65	10	BKN	012			10.00						74	66	69	76	3	23	29.13	30.07
13	OVC	037			6.00	HZ					77	63	68	62	8	18	28.70	29.61	13	BKN	036			10.00						81	65	70	58	6	19	29.10	30.03
16	BKN	080			1.25	+RA					76	66	69	71	6	VR	28.67	29.59	16	FEW	055			10.00						86	61	70	43	5	VR	29.04	29.96
19	CLR	NC			5.00	HZ					73	66	68	79	6	09	28.69	29.61	19	CLR	NC			10.00						84	60	69	44	3	34	29.01	29.93
22	CLR	NC			4.00	BR					68	65	66	90	0	00	28.71	29.64	22	CLR	NC			10.00						74	62	66	66	0	00	29.05	29.98
SUNRISE: 0521						JUN 04						SUNSET: 1949																									
01	BKN	070			4.00	BR					66	64	65	93	0	00	28.68	29.60	01	CLR	NC			10.00						68	62	64	81	0	00	29.04	29.96
04	CLR	NC			4.00	BR					65	63	64	93	0	00	28.70	29.62	04	CLR	NC			6.00	BR					64	61	62	90	0	00	29.02	29.95
07	SCT	003			3.00	BR					66	64	65	93	5	20	28.71	29.65	07	CLR	NC			10.00						67	61	63	81	0	00	29.07	29.99
10	FEW	075			10.00						77	59	66	54	5	VR	28.74	29.66	10	CLR	NC			10.00						78	61	67	56	5	VR	29.06	29.99
13	BKN	080			10.00						80	54	64	41	7	VR	28.71	29.64	13	CLR	NC			10.00						83	56	66	40	8	09	29.05	29.98
16	BKN	070			10.00						83	52	64	34	8	24	28.68	29.60	16	CLR	NC			10.00						86	53	66	32	3	VR	29.03	29.96
19	BKN	110			10.00	-RA					68	63	65	84	3	20	28.73	29.66	19	CLR	NC			10.00						82	59	67	46	5	07	29.01	29.94
22	SCT	090			10.00						65	63	64	93	0	00	28.77	29.70	22	CLR	NC			10.00						73	59	64	62	0	00	29.06	29.98
SUNRISE: 0521						JUN 05						SUNSET: 1950																									
01	CLR	NC			10.00						65	61	63	87	0	00	28.77	29.69	01	CLR	NC			10.00						68	57	61	68	0	00	29.06	29.99
04	CLR	NC			10.00						63	60	61	90	3	25	28.78	29.71	04	CLR	NC			10.00						65	56	60	73	3	06	29.04	29.97
07	CLR	NC			10.00						65	61	63	87	3	27	28.83	29.77	07	CLR	NC			10.00						66	57	61	73	0	00	29.08	30.01
10	CLR	NC			10.00						75	60	66	60	5	VR	28.84	29.78	10	CLR	NC			10.00						71	58	63	64	3	07	29.10	30.04
13	FEW	050			10.00						83	58	67	43	10	20	28.81	29.74	13	CLR	NC			10.00						75	59	65	58	5	08	29.12	30.05
16	CLR	NC			10.00						85	51	65	31	6	VR	28.78	29.71	16	CLR	NC			10.00						79	62	68	56	0	00	29.08	30.01
19	SCT	095			10.00						78	52	63	40	3	VR	28.82	29.75	19	CLR	NC			10.00						77	61	67	58	0	00	29.07	30.00
22	OVC	120			10.00	-RA					66	60	62	81	0	00	28.91	29.84	22	CLR	NC			10.00						66	61	63	84	0	00	29.09	30.03
SUNRISE: 0520						JUN 06						SUNSET: 1951																									
01	FEW	001			4.00	BR					63	61	62	93	0	00	28.93	29.86	01	CLR	NC			8.00						62	59	60	90	0	00	29.10	30.03
04	CLR	NC			7.00						61	59	60	93	0	00	28.95	29.88	04	CLR	NC			6.00	BR					60	58	59	93	0	00	29.08	30.01
07	VV	001			0.50	FG					59	58	58	97	0	00	29.01	29.95	07	CLR	NC			10.00						64	57	60	78	0	00	29.10	30.03
10	CLR	NC			10.00						76	62	67	62	5	07	29.04	29.98	10	CLR	NC			10.00						78	54	64	44	7	08	29.10	30.03
13	CLR	NC			10.00						83	50	63	32	8	21	29.02	29.95	13	CLR	NC			10.00						83	50	63	32	8	07	29.07	30.00
16	CLR	NC																																			

# OBSERVATIONS AT 3-HOURLY INTERVALS

# OAK RIDGE, TN

JUNE 2007

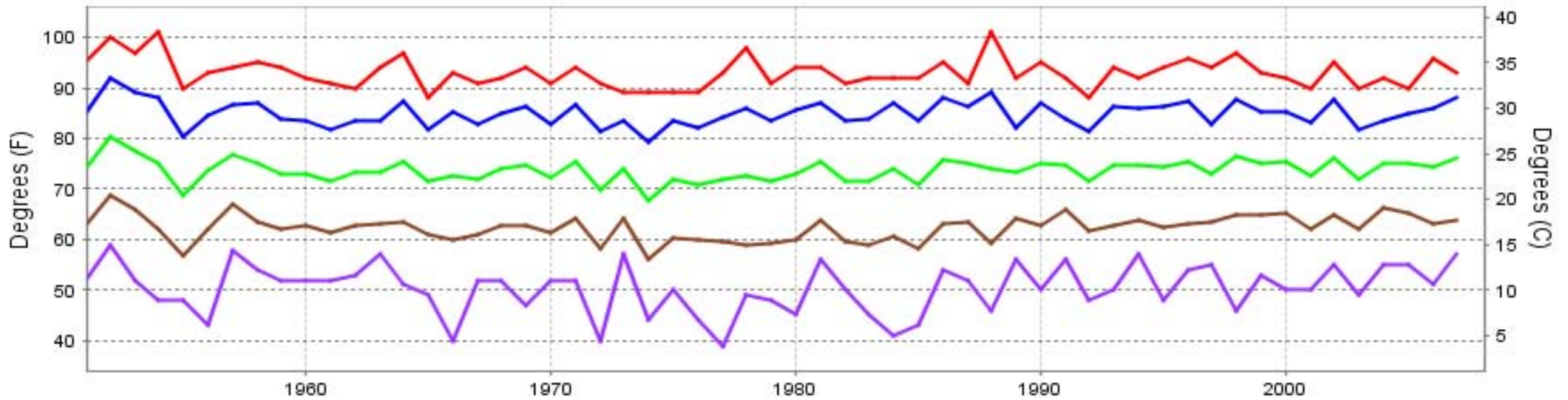
KOQT

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)		
			Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL
SUNRISE: 0520      JUN 13      SUNSET: 1954													
01	CLR	NC			10.00		66	56	60	70	0 00	29.07	29.99
04	CLR	NC			8.00		62	56	59	81	0 00	29.06	29.98
07	CLR	NC			6.00	HZ	64	57	60	78	0 00	29.07	30.00
10	CLR	NC			10.00		79	58	66	49	6 VR	29.07	29.99
13	CLR	NC			10.00		85	54	66	35	0 00	29.04	29.96
16	BKN	070			10.00		87	55	67	34	5 VR	28.98	29.90
19	BKN	110			10.00		81	58	67	46	0 00	28.98	29.91
22	CLR	NC			8.00		66	64	65	93	0 00	29.03	29.96
SUNRISE: 0520      JUN 14      SUNSET: 1954													
01	CLR	NC			6.00	BR	63	61	62	93	0 00	29.06	29.98
04	CLR	NC			6.00	BR	61	59	60	93	0 00	29.03	29.96
07	VV	001			1.00	BR	61	60	60	97	0 00	29.06	30.00
10	CLR	NC			10.00		75	61	66	62	6 27	29.07	30.01
13	CLR	NC			10.00		81	61	68	51	5 26	29.02	29.95
16	SCT	110			10.00		76	64	68	67	0 00	28.99	29.93
19	BKN	110			10.00		75	62	67	64	5 23	28.99	29.93
22	SCT	065			10.00		69	60	64	73	0 00	29.02	29.95
SUNRISE: 0520      JUN 15      SUNSET: 1955													
01	CLR	NC			10.00		65	60	62	84	0 00	29.05	29.98
04	CLR	NC			7.00		63	60	61	90	0 00	29.04	29.98
07	CLR	NC			5.00	BR	63	60	61	90	0 00	29.07	30.01
10	CLR	NC			10.00		76	62	67	62	5 VR	29.07	30.00
13	CLR	NC			10.00		83	63	70	51	7 20	29.04	29.96
16	CLR	NC			10.00		83	61	69	48	3 22	28.99	29.92
19	CLR	NC			10.00		82	57	66	43	0 00	28.99	29.92
22	CLR	NC			10.00		71	60	64	68	0 00	29.04	29.96
SUNRISE: 0520      JUN 16      SUNSET: 1955													
01	BKN	034			9.00		70	63	66	79	0 00	29.05	29.97
04	FEW	070			8.00		67	62	64	84	0 00	29.06	29.98
07	CLR	NC			8.00		70	63	66	79	3 24	29.10	30.02
10	BKN	025			7.00		75	64	68	69	6 26	29.12	30.05
13	CLR	NC			8.00		82	64	70	55	3 VR	29.10	30.03
16	CLR	NC			10.00		87	59	69	39	5 VR	29.06	29.98
19	CLR	NC			10.00		85	59	68	41	3 35	29.07	29.99
22	CLR	NC			9.00		72	60	65	66	0 00	29.10	30.04
SUNRISE: 0520      JUN 17      SUNSET: 1956													
01	CLR	NC			8.00		66	59	62	78	0 00	29.13	30.06
04	CLR	NC			6.00	BR	61	57	59	87	0 00	29.13	30.06
07	CLR	NC			5.00	HZ	63	58	60	84	0 00	29.16	30.09
10	CLR	NC			10.00		80	58	66	47	0 00	29.16	30.09
13	CLR	NC			10.00		90	50	66	25	5 VR	29.13	30.06
16	CLR	NC			10.00		93	51	67	24	3 VR	29.10	30.02
19	CLR	NC			10.00		89	53	67	29	0 00	29.07	29.99
22	CLR	NC			10.00		74	60	65	62	0 00	29.10	30.03
SUNRISE: 0520      JUN 18      SUNSET: 1956													
01	CLR	NC			10.00		67	59	62	76	0 00	29.12	30.04
04	CLR	NC			9.00		64	59	61	84	0 00	29.10	30.03
07	CLR	NC			7.00		65	59	61	81	0 00	29.14	30.07
10	CLR	NC			10.00		82	61	69	49	3 VR	29.16	30.09
13	FEW	043			7.00		86	64	71	48	7 VR	29.14	30.07
16	CLR	NC			9.00		91	64	73	41	0 00	29.08	30.00
19	SCT	100			8.00		78	65	70	64	0 00	29.10	30.03
22	BKN	090			9.00		75	65	69	71	0 00	29.13	30.06
SUNRISE: 0520      JUN 19      SUNSET: 1956													
01	CLR	NC			8.00		74	65	68	74	0 00	29.10	30.03
04	CLR	NC			7.00		72	66	68	82	0 00	29.10	30.01
07	CLR	NC			4.00	BR	71	67	68	87	0 00	29.13	30.06
10	BKN	050			8.00		79	66	70	65	5 VR	29.12	30.04
13	BKN	039			10.00		85	65	72	51	6 VR	29.06	29.97
16	BKN	065			10.00	-RA	72	67	69	84	3 VR	29.04	29.98
19	BKN	038			10.00	-RA	70	68	69	93	3 10	29.09	30.02
22	BKN	050			10.00		70	67	68	90	0 00	29.10	30.03
SUNRISE: 0520      JUN 20      SUNSET: 1956													
01	OVC	001			2.50	BR	68	66	67	93	0 00	29.09	30.01
04	SCT	001			6.00	BR	66	65	65	97	0 00	29.09	30.03
07	CLR	NC			10.00		66	64	65	93	0 00	29.13	30.08
10	FEW	027			10.00		78	64	69	62	6 VR	29.15	30.09
13	FEW	055			10.00		84	54	66	36	7 VR	29.15	30.08
16	CLR	NC			10.00		86	49	64	28	7 05	29.12	30.05
19	CLR	NC			10.00		82	48	62	31	3 01	29.13	30.06
22	CLR	NC			10.00		69	54	60	59	0 00	29.15	30.09
SUNRISE: 0521      JUN 21      SUNSET: 1957													
01	CLR	NC			10.00		63	55	58	75	0 00	29.18	30.11
04	CLR	NC			10.00		58	54	56	87	0 00	29.17	30.11
07	CLR	NC			10.00		60	54	57	81	0 00	29.20	30.15
10	CLR	NC			10.00		79	49	62	35	7 VR	29.19	30.13
13	CLR	NC			10.00		85	46	63	26	5 VR	29.17	30.11
16	CLR	NC			10.00		88	46	64	23	3 34	29.12	30.05
19	CLR	NC			10.00		86	47	63	26	0 00	29.10	30.03
22	CLR	NC			10.00		71	56	62	59	0 00	29.13	30.06
SUNRISE: 0521      JUN 22      SUNSET: 1957													
01	CLR	NC			10.00		63	56	59	78	0 00	29.13	30.06
04	CLR	NC			10.00		59	55	57	87	0 00	29.12	30.05
07	CLR	NC			10.00		63	57	60	81	0 00	29.13	30.06
10	CLR	NC			10.00		81	54	65	39	0 00	29.12	30.04
13	CLR	NC			10.00		88	55	67	33	3 VR	29.09	30.01
16	CLR	NC			10.00		88	59	69	38	6 33	29.02	29.95
19	BKN	070			10.00		86	58	68	39	3 VR	28.99	29.92
22	CLR	NC			10.00		76	61	67	60	0 00	29.01	29.93
SUNRISE: 0521      JUN 23      SUNSET: 1957													
01	CLR	NC			10.00		71	62	65	73	0 00	29.02	29.93
04	CLR	NC			8.00		67	62	64	84	0 00	29.02	29.94
07	CLR	NC			7.00		69	63	65	81	0 00	29.06	29.98
10	CLR	NC			10.00		82	62	69	51	0 00	29.03	29.95
13	FEW	049			10.00		88	64	72	45	5 VR	29.00	29.91
16	CLR	NC			10.00		78	66	70	67	3 07	28.98	29.91
19	CLR	NC			10.00		78	68	71	71	0 00	28.98	29.91
22	OVC	110			7.00	-RA	72	66	68	82	0 00	29.03	29.95
SUNRISE: 0521      JUN 24      SUNSET: 1957													
01	CLR	NC			3.00	BR	68	67	67	97	0 00	29.00	29.92
04	BKN	007			0.50	FG	66	64	65	93	0 00	29.00	29.93
07	FEW	075			5.00	BR	67	64	65	90	0 00	29.06	29.99
10	CLR	NC			10.00		81	66	71	60	0 00	29.08	30.00
13	CLR	NC			10.00		88	67	74	50	6 VR	29.07	29.99
16	CLR	NC			10.00		90	62	72	39	3 VR	29.03	29.96
19	CLR	NC			10.00		85	65	72	51	0 00	29.06	29.98
22	BKN	090			10.00		76	63	68	64	5 VR	29.15	30.08



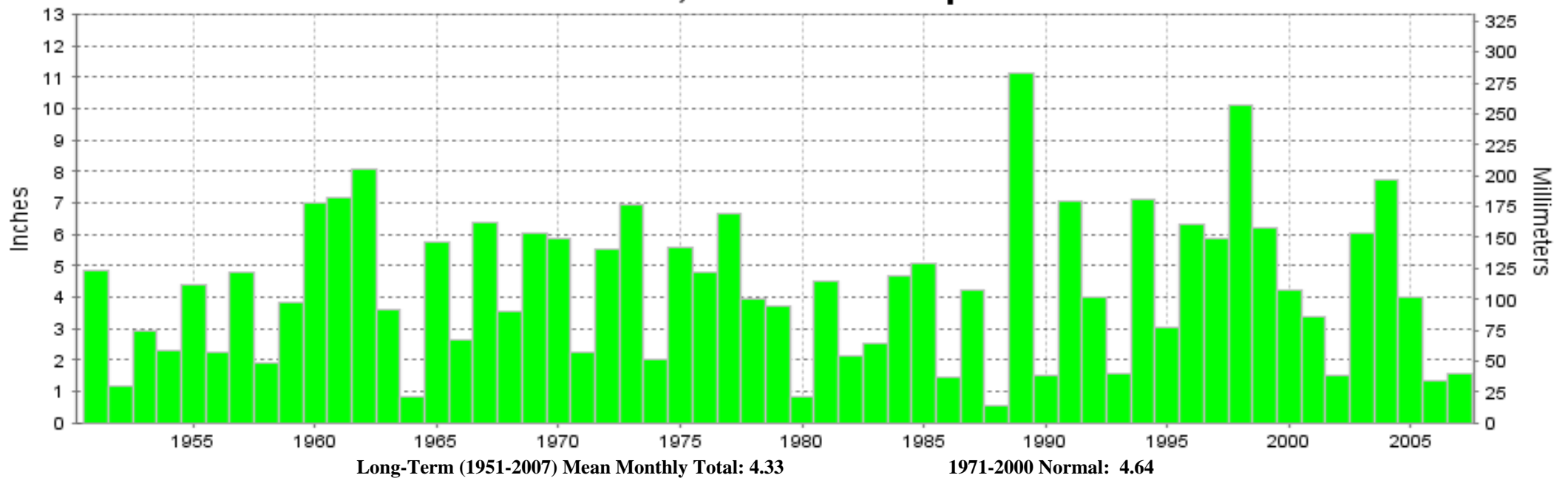
## OAK RIDGE, TN JUNE Temperatures



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

Long-Term (1951-2007) Mean: 73.7  
1971-2000 Normal: 73.3

## OAK RIDGE, TN JUNE Precipitation



Long-Term (1951-2007) Mean Monthly Total: 4.33

1971-2000 Normal: 4.64





**JUNE 2007  
OAK RIDGE, TN**

**LOCAL CLIMATOLOGICAL DATA  
NOAA, National Climatic Data Center**

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