



JUNE 2011 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			
01	94	70	82	12			0	17	BR HZ			0.00	29.24					1.5	14	08	9	08	01	
02	92	70	81	11	67	71	0	16	BR			0.00	29.16	30.08	0.7	05	1.6	12	35	8	07	02		
03	92	69	81	11	64	69	0	16				0.00	29.14	30.07	0.3	10	1.1	13	06	8	07	03		
04	95	66	81	10	63	69	0	16				0.00	29.18	30.11	0.2	30	1.0	10	32	8	26	04		
05	95	68	82	11	67	71	0	17	RA			T	29.10	30.03	0.8	31	1.8	16	27	10	28	05		
06	93	67	80	9	65	70	0	15				0.00	29.05	29.98	0.9	03	2.0	14	01	9	09	06		
07	93	67	80	8	64	70	0	15	BR			0.00	29.07	29.99	1.2	22	2.0	13	22	9	27	07		
08	96	69	83	11	65	71	0	18	BR HZ			0.00	29.08	30.01	0.6	24	1.5	13	29	9	19	08		
09	93	69	81	9	67	70	0	16	RA BR HZ			0.02	29.08	30.00	0.5	08	1.4	25	26	15	27	09		
10	93	65	79	7	65	70	0	14	BR			0.00	29.05	29.97	0.7	08	0.9	13	36	8	08	10		
11	96*	69	83*	11	66	71	0	18	BR			0.00	28.99	29.90	0.9	20	2.2	17	29	10	26	11		
12	93	71	82	9	65	70	0	17				0.00	28.98	29.90	1.6	30	2.9	18	26	12	27	12		
13	90	67	79	6	60	66	0	14	BR HZ			0.00	29.02	29.95	1.3	34	2.4	15	33	9	34	13		
14	82	62	72	-1	57	63	0	7	RA			T	29.04	29.97	0.6	07	1.3	13	05	9	06	14		
15	75	59*	67*	-6	60	62	0	2	RA FG BR			1.66	28.95	29.91	0.7	12	1.8	23	33	16	33	15		
16	88	63	76	2	60	65	0	11				0.00	28.95	29.90	0.6	24	2.5	17	25	12	20	16		
17	83	64	74	0	63	66	0	9	RA			T	29.02	29.96	0.8	21	1.3	14	20	9	20	17		
18	77	68	73	-1	66	68	0	8	RA FG BR			1.18	29.01	29.96	2.3	21	3.6	21	19	14	18	18		
19	82	67	75	1	67	69	0	10	RA FG+ BR			0.67	28.97	29.91	0.8	09	2.0	22	08	15	09	19		
20	86	66	76	2	66	69	0	11				0.00	28.99	29.92	1.5	07	2.2	15	07	12	08	20		
21	92	66	79	4	67	71	0	14	RA BR			0.10	29.00	29.93	1.7	21	2.8	38*	27	20	27	21		
22	81	69	75	0	69	70	0	10	RA FG+ BR			1.09	29.00	29.93	1.1	22	3.4	29	18	20	18	22		
23	86	67	77	2	68	71	0	12	RA			0.17	28.94	29.85	2.7	22	5.8	25	32	17	31	23		
24	88	66	77	2	66	70	0	12	RA FG BR			1.98	28.90	29.82	2.7	25	4.6	35	32	20*	33	24		
25	87	66	77	2	65	69	0	12	RA			T	29.00	29.94	0.9	25	2.3	14	20	8	24	25		
26	84	68	76	1	68	70	0	11	RA BR			0.34	29.03	29.96	1.1	25	2.4	21	32	13	32	26		
27	89	70	80	4	69	72	0	15	RA BR			0.07	29.05	29.98	1.8	23	2.9	18	24	12	26	27		
28	81	69	75	-1	68	71	0	10	RA BR			0.02	29.06	29.99	0.9	26	2.1	16	26	9	27	28		
29	87	66	77	1	62	67	0	12	FG+ FG BR			0.00	29.08	30.02	1.3	05	2.5	15	07	12	07	29		
30	88	63	76	0	59	65	0	11				0.00	29.08	30.02	1.6	07	2.7	15	06	10	08	30		

88.4	66.9	77.7	☼	64.8	68.8	0.0	12.9	< MONTHLY AVERAGES TOTALS >				7.30	29.04	29.96	0.4	23	2.3	< MONTHLY AVERAGES			
3.5	5.2	4.4		-----DEPARTURE FROM NORMAL ----->								2.66	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3								
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 2.15 DATE : 23-24				SEA LEVEL PRESSURE				DATE TIME					
MONTHLY								GREATEST 24-HR SNOWFALL :				MAXIMUM :				30.21 01 1053					
SEASON TO DATE								GREATEST SNOW DEPTH :				MINIMUM :				29.77 24 1453					
TOTAL DEPARTURE								NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 14				PRECIPITATION >= 0.01 INCH : 11					
TOTAL DEPARTURE								THUNDERSTORMS : 0				MAXIMUM TEMP <= 32 : 0				PRECIPITATION >= 0.10 INCH : 8					
HEATING : 0 -6 3677 -316								MINIMUM TEMP <= 0 : 0				HEAVY FOG : 3				SNOWFALL >= 1.0 INCH :					
COOLING : 386 132 643 273																					

JUNE 2011
OAK RIDGE, TN

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

OAK RIDGE, TN (KOQT)
JUNE 2011

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												05	T	T	
06													06												06	0.00	0.00	
07													07												07	0.00	0.00	
08													08												08	0.00	0.00	
09													09												09	0.02	0.02	
10													10												10	0.00	0.00	
11													11												11	0.00	0.00	
12													12												12	0.00	0.00	
13													13												13	0.00	0.00	
14													14												14	T	T	
15													15												15	1.66	1.66	
16													16												16	0.00	0.00	
17													17												17	T	T	
18													18												18	1.18	1.18	
19													19												19	0.67	0.67	
20													20												20	0.00	0.00	
21													21												21	0.10	0.10	
22													22												22	1.09	1.09	
23													23												23	0.17	0.17	
24													24												24	1.98	1.98	
25													25												25	T	T	
26													26												26	0.34	0.34	
27													27												27	0.07	0.07	
28													28												28	0.02	0.02	
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)	0.40	0.63	0.83	0.86	0.89	0.89	0.89	1.64	1.69	1.69	1.69	1.98
Ending Date	22	22	24	24	24	24	24	24	24	24	24	24
Ending Time (Hr/Min)	1805	1807	0015	0016	0016	0016	0016	0120	0120	0120	0120	0257

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 2011

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:

Date	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							2.50	10.00	
02							5.00	10.00	
03							10.00	10.00	
04							8.00	10.00	
05							7.00	10.00	
06							7.00	10.00	
07							3.00	10.00	
08							4.00	10.00	
09							3.00	10.00	
10							5.00	10.00	
11							3.00	10.00	
12							9.00	10.00	
13							5.00	10.00	
14							10.00	10.00	
15							0.50	10.00	
16							8.00	10.00	
17							10.00	10.00	
18							0.50	10.00	
19							0.25	10.00	
20							10.00	10.00	
21							3.00	10.00	
22							1.00	10.00	
23							4.00	10.00	
24							1.00	10.00	
25							10.00	10.00	
26							6.00	10.00	
27							6.00	10.00	
28							3.00	10.00	
29							0.25	10.00	
30							10.00	10.00	
MONTHLY AVGS							5.17	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		
2			12				11		

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

JUNE 2011

KOQT

WBAN # 53868

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
			Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0522 JUN 01 SUNSET: 1948														
01	CLR	NC			6.00	BR	74	71	72	90	0	00	29.24	30.16
04	CLR	NC			2.50	BR	73	70	71	90	0	00	29.28	30.20
10	CLR	NC			8.00		86	71	76	61	0	00	29.29	30.21
13	SCT	055			10.00		92	69	76	47	5	35	29.27	30.18
16	CLR	NC			10.00		93	69	76	46	5	03	29.20	30.12
19	CLR	NC			10.00		89	69	75	52	0	00	29.18	30.11
22	CLR	NC			9.00		77	70	72	79	0	00	29.19	30.11
SUNRISE: 0521 JUN 02 SUNSET: 1948														
01	CLR	NC			6.00	BR	73	69	70	87	0	00	29.19	30.11
04	CLR	NC			5.00	BR	71	68	69	90	0	00	29.17	30.09
07	CLR	NC			7.00		74	68	70	82	5	05	29.21	30.14
10	CLR	NC			10.00		84	68	73	59	3	VR	29.19	30.12
13	BKN	050			10.00		89	66	73	47	3	VR	29.16	30.09
16	SCT	050			10.00		92	69	76	47	0	00	29.10	30.03
19	CLR	NC			10.00		85	67	73	55	0	00	29.10	30.03
22	CLR	NC			10.00		77	64	69	64	0	00	29.13	30.05
SUNRISE: 0521 JUN 03 SUNSET: 1949														
01	CLR	NC			10.00		71	64	67	79	0	00	29.14	30.06
04	CLR	NC			10.00		69	64	66	84	0	00	29.14	30.06
07	CLR	NC			10.00		71	64	67	79	0	00	29.17	30.10
10	CLR	NC			10.00		82	61	69	49	0	00	29.18	30.11
13	CLR	NC			10.00		88	65	73	47	5	13	29.14	30.06
16	FEW	055			10.00		91	64	73	41	5	VR	29.13	30.04
19	CLR	NC			10.00		86	65	72	50	0	00	29.13	30.05
22	CLR	NC			10.00		77	65	69	67	0	00	29.16	30.09
SUNRISE: 0521 JUN 04 SUNSET: 1949														
01	CLR	NC			10.00		71	65	67	81	0	00	29.17	30.10
04	CLR	NC			9.00		67	64	65	90	0	00	29.18	30.11
07	CLR	NC			9.00		69	64	66	84	0	00	29.22	30.16
10	CLR	NC			10.00		82	60	68	47	0	00	29.23	30.15
13	CLR	NC			10.00		89	58	69	35	5	25	29.19	30.12
16	CLR	NC			10.00		93	60	71	33	0	00	29.15	30.08
19	CLR	NC			10.00		88	63	71	43	0	00	29.14	30.07
22	CLR	NC			10.00		77	66	70	69	0	00	29.15	30.07
SUNRISE: 0521 JUN 05 SUNSET: 1950														
01	CLR	NC			10.00		71	66	68	84	0	00	29.15	30.07
04	CLR	NC			7.00		69	66	67	90	0	00	29.13	30.06
07	CLR	NC			8.00		72	66	68	82	3	20	29.10	30.03
10	CLR	NC			8.00		84	70	74	63	3	28	29.13	30.05
13	BKN	060			10.00		90	68	75	48	3	VR	29.10	30.02
16	CLR	NC			10.00		88	64	72	45	6	34	29.07	29.99
19	CLR	NC			10.00		78	69	72	74	0	00	29.06	29.98
22	CLR	NC			8.00		73	69	70	87	0	00	29.10	30.01
SUNRISE: 0520 JUN 06 SUNSET: 1951														
01	CLR	NC			9.00		71	67	68	87	0	00	29.07	29.99
04	CLR	NC			8.00		68	66	67	93	0	00	29.05	29.97
07	SCT	060			7.00		69	66	67	90	0	00	29.09	30.02
10	SCT	026			10.00		83	68	73	61	7	09	29.09	30.01
13	SCT	049			10.00		89	64	72	44	5	07	29.08	29.99
16	CLR	NC			10.00		92	62	72	37	3	VR	29.04	29.95
19	CLR	NC			10.00		87	63	71	45	0	00	29.02	29.94
22	CLR	NC			10.00		77	66	70	69	0	00	29.05	29.97
SUNRISE: 0520 JUN 07 SUNSET: 1951														
01	CLR	NC			8.00		71	66	68	84	0	00	29.06	29.97
04	CLR	NC			6.00	BR	68	65	66	90	0	00	29.07	29.98
07	CLR	NC			5.00	BR	70	66	67	87	0	00	29.10	30.03
10	CLR	NC			10.00		85	65	72	51	6	25	29.10	30.03
13	CLR	NC			10.00		91	65	73	42	8	18	29.09	30.00
16	CLR	NC			10.00		93	61	72	34	7	VR	29.04	29.95
19	CLR	NC			10.00		90	61	71	38	0	00	29.03	29.95
22	CLR	NC			10.00		79	66	70	65	3	21	29.06	29.97
SUNRISE: 0520 JUN 08 SUNSET: 1952														
01	CLR	NC			10.00		74	65	68	74	0	00	29.09	30.00
04	CLR	NC			7.00		70	66	67	87	0	00	29.10	30.01
07	CLR	NC			5.00	HZ	72	67	69	84	0	00	29.13	30.05
10	CLR	NC			8.00		84	67	73	57	0	00	29.13	30.05
13	CLR	NC			10.00		92	61	72	36	5	VR	29.10	30.01
16	CLR	NC			10.00		94	59	71	31	5	28	29.05	29.96
19	CLR	NC			10.00		91	63	72	39	5	27	29.05	29.96
22	CLR	NC			9.00		81	66	71	60	0	00	29.09	30.00
SUNRISE: 0520 JUN 09 SUNSET: 1952														
01	CLR	NC			7.00		75	67	70	76	0	00	29.08	29.99
04	CLR	NC			6.00	HZ	72	67	69	84	0	00	29.08	29.99
07	CLR	NC			4.00	HZ	72	67	69	84	0	00	29.12	30.03
10	CLR	NC			6.00	HZ	84	67	73	57	0	00	29.10	30.02
13	OVC	070			8.00		90	66	74	45	7	VR	29.06	29.97
16	CLR	NC			10.00		78	68	71	71	6	06	29.04	29.97
19	CLR	NC			10.00		80	65	70	60	3	14	29.08	30.00
22	CLR	NC			10.00		73	66	68	79	0	00	29.08	29.99
SUNRISE: 0520 JUN 10 SUNSET: 1953														
01	CLR	NC			9.00		68	65	66	90	0	00	29.07	29.98
04	CLR	NC			6.00	BR	65	63	64	93	0	00	29.07	30.00
07	CLR	NC			8.00		69	64	66	84	0	00	29.10	30.03
10	CLR	NC			10.00		79	63	69	58	3	08	29.10	30.02
13	CLR	NC			10.00		88	66	73	48	0	00	29.07	29.99
16	CLR	NC			10.00		93	65	74	40	5	VR	29.00	29.91
19	CLR	NC			10.00		89	64	72	44	0	00	28.98	29.89
22	CLR	NC			9.00		78	70	73	77	0	00	29.02	29.94
SUNRISE: 0520 JUN 11 SUNSET: 1953														
01	CLR	NC			7.00		74	69	71	84	0	00	29.00	29.91
04	CLR	NC			6.00	BR	71	68	69	90	0	00	29.00	29.91
07	BKN	110			3.00	BR	72	69	70	90	0	00	29.04	29.96
10	CLR	NC			10.00		86	64	71	48	0	00	29.03	29.94
13	FEW	055			10.00		92	65	74	41	3	VR	29.00	29.91
16	SCT	065			10.00		94	66	75	40	5	VR	28.93	29.85
19	CLR	NC			10.00		87	66	73	50	5	20	28.95	29.86
22	SCT	110			10.00		78	60	67	54	5	VR	28.99	29.90
SUNRISE: 0520 JUN 12 SUNSET: 1954														
01	CLR	NC			10.00		73	65	68	76	0	00	28.99	29.91
04	CLR	NC			10.00		71	65	67	81	0	00	28.97	29.88
07	CLR	NC			10.00		72	66	68	82	3	VR	29.00	29.92
10	SCT	095			10.00		80	66	71	62	5	28	29.01	29.93
13	FEW	060			10.00		87	66	73	50	6	26	28.99	29.90
16	FEW	110			10.00		92	62	72	37	8	28	28.94	29.85
19	CLR	NC			10.00		87	63	71	45	0	00	28.97	29.88
22	CLR	NC			10.00		78	66	70	67	0	00	29.01	29.93

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

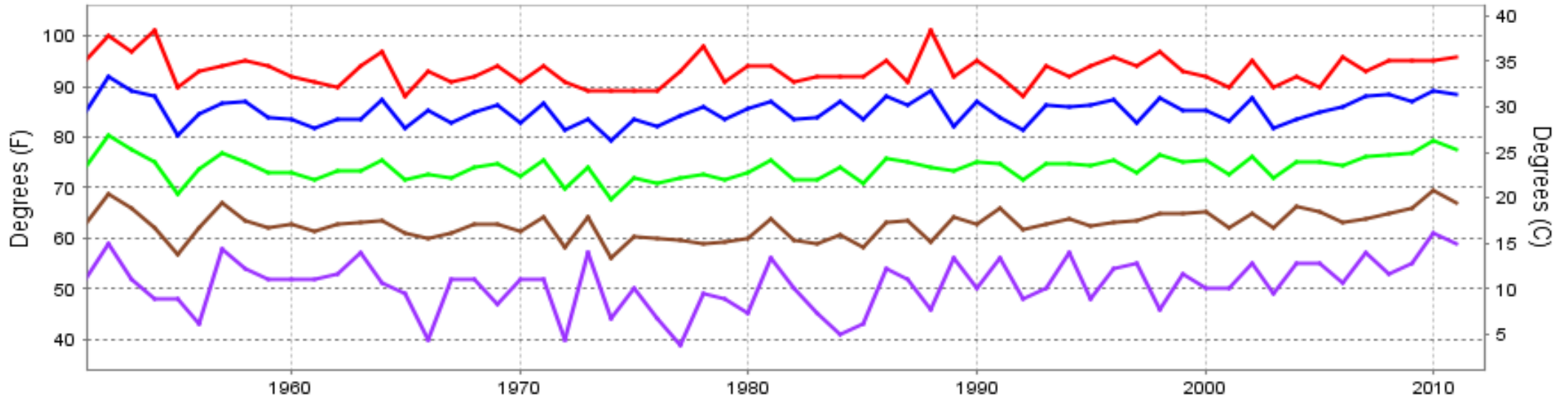
JUNE 2011

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		
																												STATION	SEA LEVEL
SUNRISE: 0520							JUN 13						SUNSET: 1954																
01	CLR	NC			8.00		73	66	68	79	0	00	29.01	29.93	01	OVC	065			10.00		69	65	66	87	0	00	29.02	29.96
04	CLR	NC			6.00	BR	68	65	66	90	0	00	29.01	29.93	04	BKN	080			10.00		68	65	66	90	0	00	28.97	29.91
07	CLR	NC			5.00	HZ	70	65	67	84	0	00	29.04	29.96	07	BKN	090			10.00		68	66	67	93	0	00	28.98	29.92
10	SCT	033			10.00		79	63	69	58	3	VR	29.06	29.98	10	OVC	018			10.00		74	68	70	82	5	16	29.00	29.93
13	CLR	NC			10.00		85	54	66	35	6	VR	29.04	29.96	13	CLR	NC			10.00		72	66	68	82	5	08	28.99	29.93
16	CLR	NC			10.00		88	52	66	29	5	VR	29.01	29.93	16	CLR	NC			10.00		79	67	71	67	3	VR	28.90	29.83
19	CLR	NC			10.00		82	55	65	40	6	35	29.02	29.95	19	CLR	NC			10.00		81	69	73	67	0	00	28.92	29.85
22	CLR	NC			10.00		72	56	62	57	0	00	29.06	29.98	22	CLR	NC			10.00		76	70	72	82	0	00	28.95	29.88
SUNRISE: 0520							JUN 14						SUNSET: 1954																
01	CLR	NC			10.00		68	57	61	68	3	07	29.03	29.95	01	SCT	075			10.00		71	63	66	76	3	VR	28.96	29.89
04	CLR	NC			10.00		63	57	60	81	0	00	29.05	29.97	04	CLR	NC			10.00		67	64	65	90	0	00	28.96	29.89
07	CLR	NC			10.00		66	58	61	76	5	08	29.08	30.01	07	BKN	060			10.00		69	64	66	84	0	00	29.04	29.96
10	BKN	110			10.00		74	56	63	54	0	00	29.09	30.02	10	CLR	NC			10.00		78	62	68	58	0	00	29.01	29.93
13	FEW	100			10.00		78	56	65	47	0	00	29.08	30.01	13	FEW	055			10.00		84	68	73	59	6	08	29.02	29.94
16	FEW	120			10.00		78	59	66	52	0	00	29.00	29.93	16	CLR	NC			10.00		85	67	73	55	7	08	28.99	29.91
19	CLR	NC			10.00		76	60	66	58	0	00	29.00	29.93	19	CLR	NC			10.00		82	67	72	61	0	00	28.97	29.89
22	CLR	NC			10.00		69	58	62	68	3	07	29.01	29.94	22	CLR	NC			10.00		74	68	70	82	0	00	28.99	29.91
SUNRISE: 0520							JUN 15						SUNSET: 1955																
01	CLR	NC			10.00		64	58	60	81	0	00	29.02	29.95	01	CLR	NC			10.00		70	67	68	90	0	00	28.99	29.91
04	CLR	NC			10.00		61	57	59	87	0	00	28.98	29.91	04	CLR	NC			10.00		68	65	66	90	0	00	29.00	29.92
07	SCT	060			10.00		64	58	60	81	0	00	29.02	29.95	07	SCT	001			9.00		69	66	67	90	0	00	29.05	29.97
10	CLR	NC			10.00		73	58	64	59	0	00	29.00	29.93	10	CLR	NC			10.00		83	69	73	63	0	00	29.04	29.96
13	OVC	070			0.50	+RA FG	66	64	65	93	3	01	28.97	29.92	13	SCT	047			10.00		89	69	75	52	6	19	29.00	29.92
16	OVC	100			3.00	RA BR	65	63	64	93	0	00	28.99	29.94	16	CLR	NC			10.00		89	65	73	45	6	20	28.96	29.87
19	BKN	010			7.00		65	63	64	93	6	12	28.83	29.78	19	SCT	090			10.00		84	69	74	61	8	26	28.98	29.90
22	FEW	110			9.00		65	63	64	93	0	00	28.94	29.87	22	SCT	008			10.00		70	67	68	90	0	00	29.02	29.94
SUNRISE: 0520							JUN 16						SUNSET: 1955																
01	CLR	NC			10.00		65	62	63	90	0	00	28.89	29.83	01	OVC	100			10.00		70	67	68	90	0	00	28.99	29.90
04	OVC	032			10.00		65	63	64	93	0	00	28.94	29.89	04	FEW	100			10.00		69	67	68	93	0	00	29.02	29.94
07	OVC	007			8.00		66	63	64	90	0	00	28.98	29.92	07	BKN	085			10.00		71	67	68	87	3	VR	29.05	29.97
10	OVC	011			10.00		73	65	68	76	0	00	29.01	29.94	10	OVC	050			9.00	-RA	74	69	71	84	5	VR	29.05	29.99
13	CLR	NC			10.00		83	59	68	44	6	VR	28.99	29.92	13	OVC	110			10.00	-RA	76	72	73	87	3	VR	29.03	29.96
16	FEW	060			10.00		86	53	66	32	5	VR	28.97	29.89	16	SCT	095			10.00		79	71	74	77	0	00	28.95	29.88
19	CLR	NC			10.00		85	53	65	33	0	00	28.97	29.89	19	BKN	060			10.00		72	69	70	90	7	VR	28.97	29.91
22	CLR	NC			10.00		70	60	64	71	0	00	29.00	29.93	22	OVC	012			10.00		71	68	69	90	0	00	28.97	29.90
SUNRISE: 0520							JUN 17						SUNSET: 1956																
01	CLR	NC			10.00		65	61	63	87	0	00	28.98	29.91	01	OVC	018			10.00		71	69	70	93	0	00	28.98	29.91
04	CLR	NC			10.00		64	61	62	90	0	00	29.01	29.93	04	OVC	013			10.00	-RA	70	68	69	93	0	00	28.95	29.88
07	CLR	NC			10.00		66	61	63	84	0	00	29.04	29.96	07	OVC	007			10.00		70	68	69	93	5	VR	28.97	29.90
10	CLR	NC			10.00		72	63	66	73	0	00	29.07	30.00	10	OVC	022			10.00		74	69	71	84	3	VR	28.98	29.91
13	BKN	110			10.00		80	63	69	56	5	26	29.06	29.99	13	SCT	038			10.00		83	69	73	63	5	VR	28.94	29.86
16	CLR	NC			10.00		81	64	70	56	6	18	29.01	29.94	16	FEW	036			10.00		86	70	75	59	7	19	28.87	29.79
19	CLR	NC			10.00		79	64	69	60	0	00	29.03	29.96	19	OVC	070			10.00		80	68	72	67	10	33	28.88	29.80
22	CLR	NC			10.00		73	66	68	79	0	00	29.04	29.96	22	CLR	NC			10.00		75	69	71	82	5	VR	28.88	29.80
SUNRISE: 0520							JUN 18						SUNSET: 1956																
01	CLR	NC			10.00		72	66	68	82	3	22	29.04	29.97	01	OVC	080			10.00		68	66	67	93	0	00	28.89	29.82
04	CLR	NC			10.00		70	66	67	87	3	20	29.04	29.96	04	OVC	012			6.00	-RA BR	71	69	70	93	0	00	28.88	29.80
07	FEW	009			10.00		70	66	67	87	5	25	29.05	29.97	07	OVC	006			10.00		71	69	70	93	0	00	28.92	29.85
10	BKN	065			10.00		76	67	70	74	6	26	29.03	29.96	10	FEW	014			10.00		79	70	73	74	7	23	28.92	29.84
13	OVC	095			4.00	RA BR	68	66	67	93	6	06	29.04	29.98	13	CLR	NC			10.00		86	63	71	46	9	26	28.89	29.81
16	CLR	NC			10.00		73	69	70	87	8	16	29.02	29.95	16	CLR	NC			10.00		86	61	70	43	8	28	28.86	29.78
19	CLR	NC			10.00		74	66	69	76	5	18	28.94	29.87	19	CLR	NC			10.00		80	67	71	65	7	VR	28.90	29.82
22	OVC	090			10.00		70	66	67	87	3	19	29.00	29.93	22	FEW	016			10.00		73	67	69	82	0	00	28.96	29.88

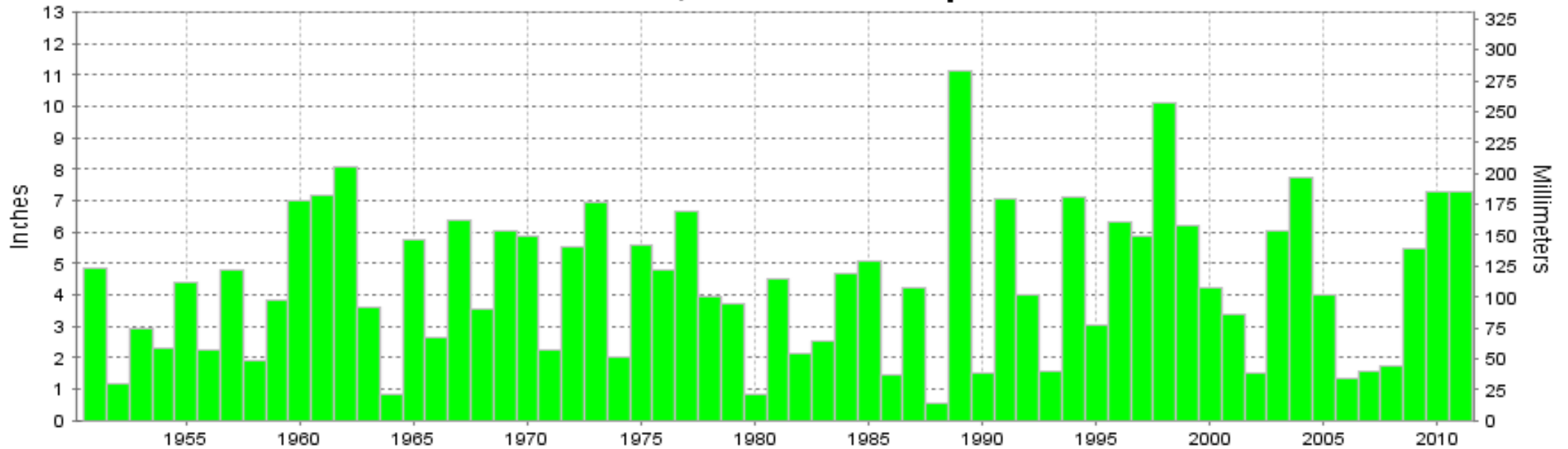
OAK RIDGE, TN JUNE Temperatures



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

Long-Term (1951-2011) Mean: 73.9
1971-2000 Normal: 73.3

OAK RIDGE, TN JUNE Precipitation



Long-Term (1951-2011) Mean Monthly Total: 4.41

1971-2000 Normal: 4.64



JUNE 2011
OAK RIDGE, TN

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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