



# JUNE 2002

## LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

# OAK RIDGE, TN

OAK RIDGE (OQT)  
 Lat: 36°01' N Long: 84°14' W Elev (Ground): 913 Feet  
 Time Zone: EASTERN WBAN: 53868 ISSN #: -

**JUNE 2002**  
**OAK RIDGE, TN**

DATE	TEMPERATURE °F						DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION (INCHES)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								DATE																									
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING		0700 LST	1300 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM																														
																			5-SEC		2-MIN																												
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	90	67	79	10	66	71	0	14	BR				0.00	28.95	29.88	0.9	26	2.6	15	26	10	26	01																										
02	90	68	79	10	66	71	0	14					0.00	28.94		1.4	27	3.1	14	27	10	28	02																										
03	94	69	82	12	69	73	0	17	BR HZ				0.00	29.01		1.2	15	2.6	12	14	10	15	03																										
04	95*	70	83*	13	69	72	0	18	RA BR HZ				0.34	29.08	30.00	1.9	19	3.7	25	22	20	21	04																										
05	88	68	78	8	67	71	0	13	RA BR				T	29.08	30.01	3.1	22	4.9	31*	19	21*	20	05																										
06	81	65	73	2	66	69	0	8	RA FG+ BR				0.76	29.00	29.92	1.2	24	3.6	21	33	13	30	06																										
07	85	61	73	2	62	66	0	8	BR				0.00	29.07	30.00	1.8	06	3.2	15	06	12	06	07																										
08	87	65	76	5	64	69	0	11	RA BR				T	29.18	30.11	0.6	09	2.1	12	17	9	18	08																										
09	87	64	76	5	62	67	0	11					0.00	29.19	30.12	0.5	21	2.5	15	22	12	21	09																										
10	89	64	77	6	61	67	0	12	BR HZ				0.00	29.14	30.07	1.3	23	1.8	10	15	8	21	10																										
11	90	61	76	4	59	66	0	11	BR				0.00	29.10	30.03	1.3	25	2.6	17	26	13	18	11																										
12	90	64	77	5	64	68	0	12					0.00	29.01	29.94	1.2	23	2.3	14	28	10	18	12																										
13	89	69	79	7	68	71	0	14	RA BR HZ				0.12	28.90	29.82	2.5	22	3.7	20	31	13	31	13																										
14	78	62	70	-2	61	65	0	5	RA				T	28.86	29.78	1.5	23	3.5	14	28	10	27	14																										
15	79	56	68	-5	53	59	0	3					0.00	28.92	29.86	1.1	28	3.2	14	27	10	28	15																										
16	77	55	66*	-7	54	59	0	1					0.00	28.98	29.93	0.9	28	2.1	13	33	9	28	16																										
17	82	55*	69	-4	55	61	0	4					0.00	29.02	29.96	1.1	07	1.9	13	02	9	06	17																										
18	88	58	73	0	54	62	0	8					0.00	29.10	30.03	1.3	05	2.9	20	23	10	18	18																										
19	90	62	76	3	61	66	0	11	BR HZ				0.00	29.25	30.19	0.6	09	1.8	15	13	12	13	19																										
20	92	62	77	4	62	67	0	12	BR HZ				0.00	29.36	30.30	2.4	05	3.1	17	06	14	06	20																										
21	89	63	76	2	59	65	0	11	BR HZ				0.00	29.36	30.30	3.1	06	4.5	18	05	15	08	21																										
22	89	58	74	0	58	64	0	9	BR HZ				0.00	29.27	30.21	2.5	06	3.7	18	07	14	08	22																										
23	89	67	78	4	65	69	0	13	RA				T	29.23	30.16	0.8	15	3.6	15	16	12	17	23																										
24	91	69	80	6	68	71	0	15	RA BR				T	29.19	30.12	1.0	13	2.3	13	08	10	07	24																										
25	89	70	80	6	68	71	0	15					0.00	29.16	30.09	1.3	19	2.9	22	13	17	14	25																										
26	91	70	81	7	68	72	0	16	BR HZ				0.00	29.11	30.04	1.0	20	4.1	14	36	10	28	26																										
27	88	70	79	5	68	71	0	14	RA BR HZ				0.11	29.04	29.96	4.1	22	5.8	25	26	15	24	27																										
28	87	69	78	3	68	71	0	13	RA				0.09	29.10	30.03	3.2	22	5.9	16	26	13	20	28																										
29	89	72	81	6	71	73	0	16	RA BR				0.08	29.19	30.12	1.0	21	2.6	10	30	9	32	29																										
30	92	69	81	6	69	73	0	16	BR HZ				0.00	29.22	30.14	0.2	04	1.8	12	35	8	32	30																										
										87.8		64.7		76.3		■ ■		0.0		11.5		< MONTHLY AVERAGES				TOTALS-->		1.50		29.10		0.2		08		3.2		<-- MONTHLY AVERAGES											
										3.6		4.2		3.9		■ ■		←-----DEPARTURE FROM NORMAL----->										-2.84		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																			
<b>DEGREE DAYS</b>										GREATEST 24-HR PRECIPITATION: 0.76 DATE :06										SEA LEVEL PRESSURE DATE TIME																													
MONTHLY TOTAL DEPARTURE										SEASON TO DATE TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: DATE :										MAXIMUM : 30.37 21 0653																			
HEATING: 0 0 3433 -750										GREATEST SNOW DEPTH: DATE :										MINIMUM : 29.73 14 1753																													
COOLING: 345 119 532 207										NUMBER OF DAYS WITH →										MAXIMUM TEMP ≥ 90: 11										MINIMUM TEMP ≤ 32: 0										PRECIPITATION ≥ 0.01 INCH : 6									
																				MAXIMUM TEMP ≤ 32 : 0										MINIMUM TEMP ≤ 0 : 0										PRECIPITATION ≥ 0.10 INCH : 4									
																				THUNDERSTORMS : 0										HEAVY FOG : 1										SNOWFALL ≥ 1.0 INCH :									

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

## OAK RIDGE, TN

JUNE 2002

OQT

WBAN # 53868

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	2400 LST	
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			Water	Equiv.
01													01												01		0.00		
02													02												02		0.00		
03													03												03		0.00		
04													04								0.33		0.01	T	04		0.34		
05	T	T											05												05		T		
06													06		T	0.70	0.05	0.01							06		0.76		
07													07												07		0.00		
08													08												08		T		
09													09												09		0.00		
10													10												10		0.00		
11													11												11		0.00		
12													12												12		0.00		
13													13		0.05										13		0.12		
14													14			0.07	T								14		T		
15													15												15		0.00		
16													16												16		0.00		
17													17												17		0.00		
18													18												18		0.00		
19													19												19		0.00		
20													20												20		0.00		
21													21												21		0.00		
22													22												22		0.00		
23													23												23		T		
24													24												24		T		
25													25												25		0.00		
26													26												26		0.00		
27													27												27		0.11		
28													28			0.01	T								28		0.09		
29													29							0.09			T		29		0.08		
30													30												30		0.00		

### MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.30	.46	.58	.66	.75	.75	.75	.75	.75	.75	.76	.76
Ending Date	06	06	06	06	06	06	06	06	06	06	06	06
Ending Time (Hour/Min)	1438	1445	1447	1454	1456	1456	1456	1456	1456	1628	1628	1628

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. 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.

## 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		
	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	SQ Squalls
PR Partial	RA Rain	PY Spray	SS Sandstorm
SH Shower(s)	SG Snow Grains	SA Sand	GL Glaze
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unknown Precipitation		

Intensity (as indicated on pages 4 to 6):  
'+' = Heavy    ' ' = Moderate    '-' = Light

## OAK RIDGE, TN JUNE 2002

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	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							4.00	10.00	
02							3.00	10.00	
03							3.00	10.00	
04							1.75	8.00	
05							3.00	10.00	
06							.25	10.00	
07							5.00	10.00	
08							4.00	10.00	
09							7.00	10.00	
10							4.00	10.00	
11							5.00	10.00	
12							8.00	10.00	
13							1.75	10.00	
14							8.00	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							9.00	10.00	
18							10.00	10.00	
19							4.00	10.00	
20							2.50	9.00	
21							2.00	10.00	
22							4.00	10.00	
23							9.00	10.00	
24							1.75	10.00	
25							8.00	10.00	
26							6.00	10.00	
27							4.00	10.00	
28							1.75	10.00	
29							1.25	10.00	
30							3.00	8.00	
<b>MONTHLY AVGS</b>							5.19	9.83	
<b>SUNSHINE (MINUTES)</b>									
Total:                      Possible:                      Percent Possible:									
<b>NUMBER OF DAYS WITH:</b>									
<b>SKY CONDITION</b>									
CLR   PTLY CLDY   CLOUDY   MISSING									
30									
<b>MINIMUM VISIBILITY (MILES)</b>									
<=0.25      <=3.0      >=7.0									
1                      10                      10									

# OBSERVATIONS AT 3-HOURLY INTERVALS

# OAK RIDGE, TN

JUNE 2002

OQT

WBAN # 53868

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		OBSERVATION TIME (LST)	EFF CLD AMT Okta	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		OBSERVATION TIME (LST)	EFF CLD AMT Okta	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		
	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)					SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)		SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL					DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	
																																				SKY COVER
SUNRISE: 0522										JUN 01				SUNSET: 1948				SUNRISE: 0520										JUN 07				SUNSET: 1951				
01	CLR	NC						7.00		70	67	68	90	0	00	28.96	29.88	01	CLR	NC							8.00		64	62	63	93	0	00	29.03	29.96
04	SCT	NC						6.00	BR	68	66	67	93	0	00	28.96	29.89	04	SCT	NC						5.00	BR	61	60	60	97	0	00	29.04	29.97	
07	CLR	NC						5.00	BR	70	66	67	87	0	00	29.00	29.93	07	CLR	NC						10.00		65	61	63	87	5	05	29.08	30.01	
10	SCT	NC						10.00		83	68	73	61	5	VR	29.00	29.92	10	CLR	NC						10.00		75	63	67	66	7	VR	29.08	30.03	
13	FEW	NC						10.00		88	65	73	46	6	VR	28.97	29.89	13	FEW	NC						10.00		79	62	68	56	8	06	29.08	30.02	
16	FEW	NC						10.00		90	65	73	44	7	VR	28.90	29.81	16	CLR	NC						10.00		84	62	70	48	6	VR	29.05	29.98	
19	CLR	NC						10.00		86	66	73	51	3	VR	28.90	29.82	19	CLR	NC						10.00		81	62	69	53	3	01	29.05	29.98	
22	CLR	NC						10.00		78	68	71	71	0	00	28.94	29.86	22	CLR	NC						10.00		72	64	67	76	0	00	29.09	30.03	
SUNRISE: 0521										JUN 02				SUNSET: 1948				SUNRISE: 0520										JUN 08				SUNSET: 1952				
01	CLR	NC						9.00						0	00	28.93		01	BKN	055						10.00		71	65	67	81	0	00	29.12	30.06	
04	CLR	NC						7.00						0	00	28.93		04	FEW	NC						8.00		67	65	66	93	0	00	29.14	30.07	
07	BKN	090						5.00	HZ					0	00	28.97		07	CLR	NC						7.00		68	65	66	90	3	VR	29.20	30.13	
10	CLR	NC						9.00						3	VR	28.98		10	CLR	NC						10.00		77	63	68	62	6	06	29.23	30.17	
13	SCT	NC						10.00						5	30	28.95		13	OVC	042						10.00		82	64	70	55	0	00	29.21	30.14	
16	CLR	NC						10.00						6	VR	28.90		16	SCT	NC						10.00		86	63	71	46	6	VR	29.16	30.09	
19	SCT	NC						10.00						5	VR	28.92		19	SCT	NC						10.00		84	65	71	53	0	00	29.14	30.07	
22	CLR	NC						10.00						3	25	28.95		22	SCT	NC						9.00		77	68	71	74	0	00	29.20	30.13	
SUNRISE: 0521										JUN 03				SUNSET: 1949				SUNRISE: 0520										JUN 09				SUNSET: 1952				
01	CLR	NC						7.00		73	68	70	84	3	05	28.96		01	OVC	110						10.00		73	65	68	76	9	21	29.24	30.17	
04	CLR	NC						5.00	BR	70	67	68	90	0	00	29.00		04	CLR	NC						10.00		69	60	64	73	0	00	29.21	30.14	
07	CLR	NC						4.00	BR	71	68	69	90	0	00	29.04		07	CLR	NC						10.00		69	62	65	78	0	00	29.23	30.16	
10	CLR	NC						6.00	HZ	84	70	74	63	0	00	29.03		10	CLR	NC						10.00		77	60	66	56	0	00	29.26	30.19	
13	FEW	NC						10.00		92	67	75	44	9	20	29.03	29.94	13	CLR	NC						10.00		84	60	69	44	3	VR	29.20	30.13	
16	BKN	055						8.00		92	68	75	46	9	10	28.99	29.91	16	CLR	NC						10.00		86	62	70	45	3	VR	29.13	30.06	
19	CLR	NC						8.00		89	68	75	50	6	20	28.99	29.90	19	CLR	NC						10.00		83	63	70	51	0	00	29.12	30.05	
22	CLR	NC						6.00	HZ	79	71	74	77	0	00	29.03	29.94	22	CLR	NC						8.00		72	65	67	79	0	00	29.12	30.06	
SUNRISE: 0521										JUN 04				SUNSET: 1949				SUNRISE: 0520										JUN 10				SUNSET: 1953				
01	FEW	NC						4.00	BR	73	70	71	90	0	00	29.05	29.96	01	CLR	NC						7.00		69	64	66	84	0	00	29.15	30.08	
04	SCT	NC						3.00	BR	71	69	70	94	0	00	29.04	29.95	04	CLR	NC						6.00	BR	66	63	64	90	0	00	29.15	30.08	
07	CLR	NC						2.00	BR	73	70	71	90	0	00	29.08	30.01	07	CLR	NC						4.00	BR	67	64	65	91	0	00	29.18	30.11	
10	CLR	NC						5.00	HZ	86	71	76	61	6	14	29.09	30.01	10	SCT	NC						10.00		80	55	65	42	7	26	29.20	30.13	
13	SCT	NC						7.00		91	69	76	49	7	VR	29.07	29.98	13	CLR	NC						10.00		85	60	69	43	0	00	29.15	30.08	
16	FEW	NC						8.00		94	67	75	41	9	19	29.03	29.94	16	CLR	NC						10.00		88	58	69	36	5	VR	29.08	30.01	
19	CLR	NC						7.00		81	66	71	61	5	VR	29.08	30.01	19	CLR	NC						10.00		84	60	69	44	3	25	29.08	30.00	
22	BKN	110						5.00	-RA BR	70	68	69	93	3	VR	29.16	30.09	22	CLR	NC						9.00		73	64	67	74	0	00	29.12	30.05	
SUNRISE: 0521										JUN 05				SUNSET: 1950				SUNRISE: 0520										JUN 11				SUNSET: 1953				
01	SCT	NC						3.00	BR	69	68	68	96	5	VR	29.17	30.10	01	CLR	NC						8.00		69	63	65	81	0	00	29.13	30.06	
04	CLR	NC						5.00	BR	69	67	68	93	0	00	29.08	30.00	04	CLR	NC						7.00		64	61	62	90	0	00	29.11	30.05	
07	CLR	NC						6.00	BR	70	66	67	87	0	00	29.10	30.03	07	CLR	NC						5.00	BR	65	61	63	87	0	00	29.15	30.09	
10	CLR	NC						10.00		78	67	71	69	8	20	29.12	30.06	10	CLR	NC						10.00		81	60	68	49	3	VR	29.14	30.07	
13	CLR	NC						9.00		85	68	73	57	9	24	29.09	30.02	13	CLR	NC						10.00		87	56	68	35	6	VR	29.11	30.04	
16	CLR	NC						9.00		87	68	74	53	6	VR	29.04	29.96	16	CLR	NC						10.00		89	57	69	34	5	VR	29.06	29.98	
19	CLR	NC						9.00		84	70	74	63	3	23	29.02	29.94	19	CLR	NC						10.00		85	56	67	37	7	20	29.04	29.97	
22	SCT	NC						9.00		78	64	69	62	15	22	29.06	29.98	22	CLR	NC						10.00		75	61	66	62	0	00	29.05	29.97	
SUNRISE: 0520										JUN 06				SUNSET: 1951				SUNRISE: 0520										JUN 12				SUNSET: 1954				
01	CLR	NC						10.00		74	62	66	67	3	20	29.04	29.96	01	CLR	NC						10.00		69	61	64	76	0	00	29.04	29.96	
04	SCT	NC						10.00		72	62	66	71	3	26	29.00	29.92	04	CLR	NC						10.00		65	61	63	87	0	00	29.02	29.94	
07	CLR	NC						10.00		71	64	67	79	3	VR	29.00	29.92	07	FEW	NC						8.00		68	62	64	81	0	00	29.07	29.99	
10	OVC	024						8.00		76	67	70	74	9	21	29.01	29.93	10	CLR	NC						10.00						3	VR	29.08		
13	SCT	NC						8.00		81	68	72	65	7	VR	28.97	29.89	13	CLR	NC						10.00		85	64	71	50	8	28	29.04	29.96	
16	FEW	NC						8.00		76	71	73	85	3	VR	28.96	29.89	16	FEW	NC						10.00		88	65	73	46	6</				

# OBSERVATIONS AT 3-HOURLY INTERVALS

# OAK RIDGE, TN

JUNE 2002

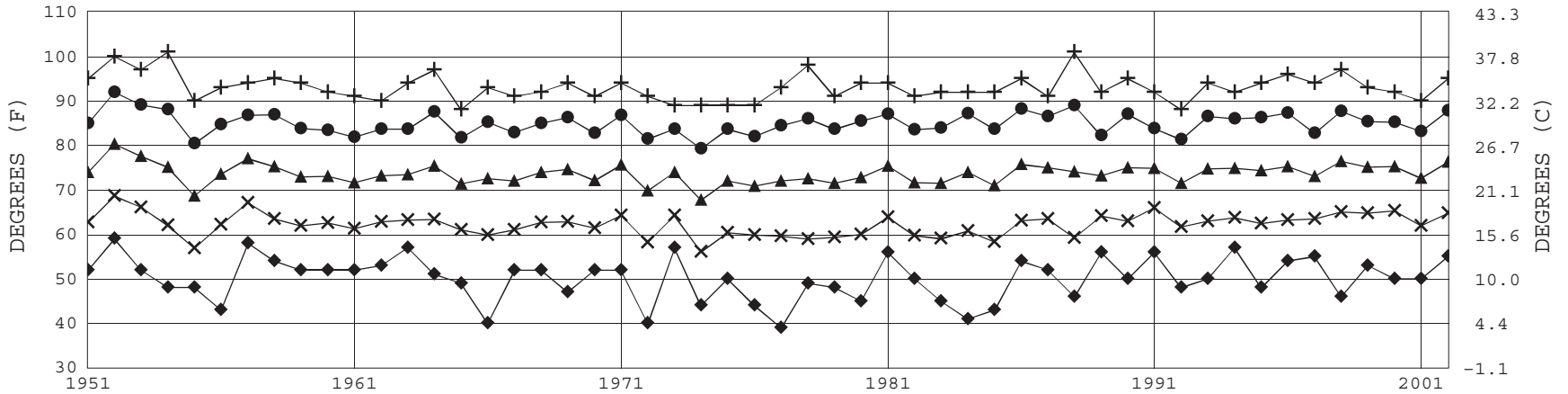
OQT

WBAN # 53868

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		
	OBSERVATION TIME (LST)	EFF CLD AMT Okta		OBSERVATION TIME (LST)	EFF CLD AMT Okta			DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		OBSERVATION TIME (LST)	EFF CLD AMT Okta		OBSERVATION TIME (LST)	EFF CLD AMT Okta			DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	
																																DRY BULB
SUNRISE: 0520								JUN 13				SUNSET: 1954				SUNRISE: 0520								JUN 19				SUNSET: 1956				
01	CLR	NC			8.00		BR	72	67	69	84	0	00	28.96	29.88	01	FEW	NC			10.00				69	59	63	70	0	00	29.17	30.10
04	CLR	NC			6.00		HZ	70	67	68	90	0	00	28.94	29.86	04	CLR	NC			8.00				64	59	61	84	0	00	29.19	30.13
07	CLR	NC			6.00			72	67	69	84	0	00	28.94	29.86	07	CLR	NC			4.00	BR			64	60	62	87	0	00	29.26	30.20
10	FEW	NC			7.00			82	68	73	63	7	21	28.93	29.84	10	CLR	NC			7.00				79	61	68	54	0	00	29.27	30.21
13	CLR	NC			9.00			88	67	74	50	12	21	28.89	29.80	13	CLR	NC			8.00				86	61	70	43	5	VR	29.28	30.21
16	CLR	NC			10.00			78	72	74	82	5	21	28.86	29.79	16	CLR	NC			9.00				88	59	69	38	0	00	29.23	30.16
19	BKN	090			10.00			80	72	74	76	5	21	28.83	29.75	19	OVC	080			8.00				80	63	69	56	6	VR	29.25	30.19
22	CLR	NC			10.00			77	65	69	66	7	27	28.88	29.79	22	CLR	NC			7.00				73	63	67	71	0	00	29.30	30.24
SUNRISE: 0520								JUN 14				SUNSET: 1954				SUNRISE: 0520								JUN 20				SUNSET: 1956				
01	OVC	090			10.00			71	57	63	61	6	VR	28.89	29.80	01	CLR	NC			6.00	HZ			67	62	64	84	0	00	29.33	30.27
04	SCT	NC			10.00			68	59	63	73	5	21	28.86	29.79	04	CLR	NC			5.00	BR			63	61	62	93	0	00	29.33	30.27
07	CLR	NC			10.00			70	62	65	76	0	00	28.87	29.79	07	CLR	NC			3.00	BR			66	62	64	87	0	00	29.39	30.33
10	CLR	NC			10.00			73	65	68	76	5	18	28.85	29.78	10	CLR	NC			7.00				81	62	69	53	7	07	29.43	30.37
13	CLR	NC			10.00			76	63	68	64	7	VR	28.86	29.79	13	FEW	NC			9.00				88	60	70	39	6	VR	29.39	30.32
16	FEW	NC			10.00			78	61	67	56	5	VR	28.81	29.74	16	CLR	NC			9.00				89	58	69	35	7	VR	29.33	30.27
19	FEW	NC			10.00			75	60	66	60	3	VR	28.82	29.74	19	CLR	NC			8.00				84	63	70	49	0	00	29.33	30.27
22	CLR	NC			9.00			66	61	63	84	0	00	28.88	29.81	22	CLR	NC			7.00				75	64	68	69	0	00	29.37	30.30
SUNRISE: 0520								JUN 15				SUNSET: 1955				SUNRISE: 0521								JUN 21				SUNSET: 1957				
01	CLR	NC			10.00			62	58	60	86	3	26	28.87	29.81	01	CLR	NC			6.00	HZ			69	64	66	84	0	00	29.39	30.32
04	CLR	NC			10.00			58	55	56	90	0	00	28.88	29.82	04	CLR	NC			4.00	BR			65	63	64	93	0	00	29.38	30.32
07	CLR	NC			10.00			61	54	57	78	3	VR	28.93	29.87	07	CLR	NC			3.00	BR			66	63	64	90	0	00	29.43	30.37
10	BKN	055			10.00			69	52	59	55	5	VR	28.94	29.88	10	CLR	NC			10.00				80	59	67	49	6	VR	29.43	30.36
13	SCT	NC			10.00			76	50	61	40	6	31	28.94	29.87	13	FEW	NC			10.00				87	56	68	35	9	05	29.36	30.29
16	BKN	065			10.00			79	51	63	38	6	VR	28.91	29.85	16	CLR	NC			10.00				88	54	67	31	13	07	29.32	30.25
19	CLR	NC			10.00			76	52	62	43	6	29	28.93	29.87	19	CLR	NC			10.00				85	53	66	34	6	VR	29.30	30.23
22	CLR	NC			10.00			66	54	59	65	0	00	28.97	29.91	22	CLR	NC			10.00				71	57	63	61	3	10	29.32	30.25
SUNRISE: 0520								JUN 16				SUNSET: 1955				SUNRISE: 0521								JUN 22				SUNSET: 1957				
01	CLR	NC			10.00			58	54	56	87	0	00	28.97	29.91	01	CLR	NC			9.00				65	57	60	76	0	00	29.31	30.24
04	CLR	NC			10.00			55	53	54	93	0	00	28.96	29.90	04	CLR	NC			7.00				60	56	58	86	0	00	29.30	30.24
07	CLR	NC			10.00			60	54	57	80	0	00	28.99	29.93	07	CLR	NC			6.00	HZ			62	57	59	84	0	00	29.35	30.29
10	CLR	NC			10.00			73	55	62	53	7	VR	28.98	29.91	10	CLR	NC			10.00				78	57	65	48	7	VR	29.35	30.29
13	CLR	NC			10.00			76	56	64	50	0	00	28.99	29.93	13	CLR	NC			10.00				86	56	67	36	8	03	29.28	30.21
16	CLR	NC			10.00			75	55	63	50	6	31	28.98	29.92	16	CLR	NC			10.00				89	57	69	34	9	06	29.20	30.14
19	FEW	NC			10.00			71	51	60	49	5	26	28.99	29.94	19	CLR	NC			10.00				86	58	68	39	5	VR	29.18	30.12
22	CLR	NC			10.00			63	55	58	76	0	00	29.01	29.95	22	CLR	NC			10.00				74	61	66	64	0	00	29.23	30.16
SUNRISE: 0520								JUN 17				SUNSET: 1956				SUNRISE: 0521								JUN 23				SUNSET: 1957				
01	CLR	NC			10.00			60	56	58	86	0	00	29.01	29.95	01	CLR	NC			10.00				69	61	64	76	0	00	29.24	30.17
04	CLR	NC			10.00			57	55	56	93	0	00	29.01	29.96	04	OVC	060			10.00				68	61	64	78	0	00	29.24	30.16
07	CLR	NC			10.00			58	55	56	90	0	00	29.04	29.98	07	CLR	NC			10.00				71	62	65	73	5	05	29.25	30.18
10	CLR	NC			10.00			73	57	63	57	0	00	29.04	29.98	10	CLR	NC			10.00				82	65	71	56	6	VR	29.26	30.19
13	BKN	070			10.00			77	53	63	44	6	01	29.02	29.96	13	BKN	065			10.00				86	65	72	50	5	16	29.23	30.16
16	FEW	NC			10.00			80	54	64	41	0	00	28.98	29.91	16	SCT	NC			10.00				89	64	72	43	8	19	29.18	30.11
19	CLR	NC			10.00			78	54	64	43	3	VR	29.00	29.94	19	CLR	NC			10.00				80	69	73	69	3	08	29.20	30.13
22	CLR	NC			10.00			67	54	59	63	0	00	29.05	29.98	22	BKN	100			10.00				74	69	71	85	3	05	29.22	30.16
SUNRISE: 0520								JUN 18				SUNSET: 1956				SUNRISE: 0521								JUN 24				SUNSET: 1957				
01	CLR	NC			10.00			61	54	57	78	0	00	29.05	29.99	01	CLR	NC			10.00				71	70	70	96	0	00	29.22	30.15
04	OVC	110			10.00			59	54	56	83	5	05	29.06	29.99	04	CLR	NC			9.00				70	69	69	97	0	00	29.21	30.13
07	SCT	NC			10.00			60	55	57	84	5	06	29.10	30.05	07	OVC	003			3.00	BR			69	69	69	100	6	06	29.23	30.17
10	CLR	NC			10.00			76	53	62	45	7	06	29.13	30.07	10	CLR	NC			10.00				79	71	74	77	0	00	29.24	30.18
13	CLR	NC			10.00			86	55	67	35	5	VR	29.10	30.04	13	SCT	NC			10.00				86	65	72	50	6	VR	29.19	30.12
16	SCT	NC			10.00			86	50	65	29	5	36	29.08	30.01	16	FEW	NC			10.00				91	65	73	42	3	VR	29.15	30.07
19	SCT	NC			10.00			83	57	67	41	3	06	29.08	30.02	19	CLR	NC			10.00				82	69	73	65	5	19	29.13	30.06
22	SCT	NC			10.00			72	58	63	61	0	00	29.12	30.06	22	CLR	NC			10.00				77	69	72	77				



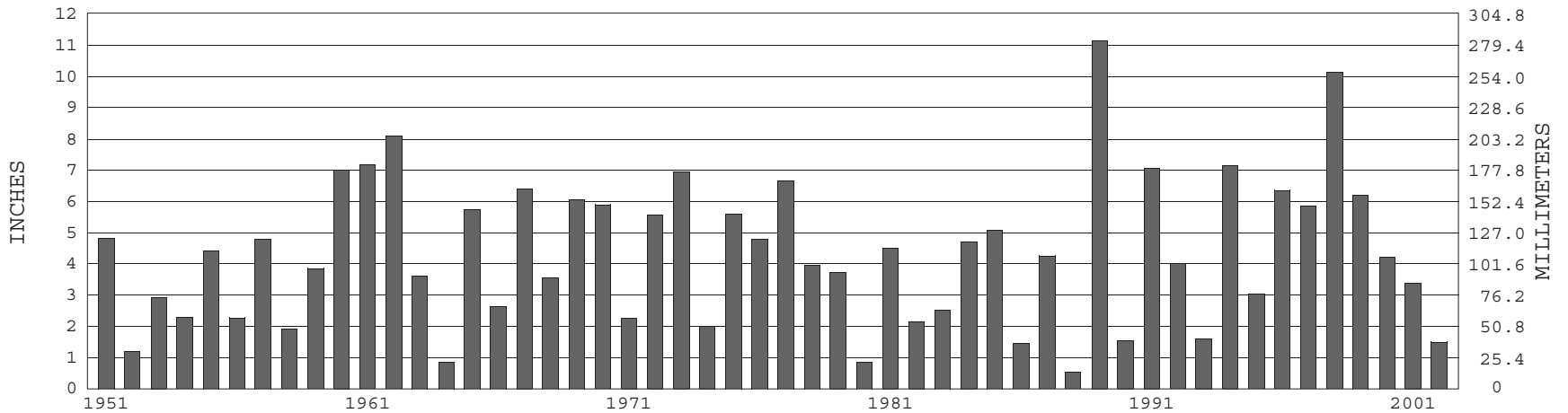
### OAK RIDGE, TN JUNE TEMPERATURES



+ Extreme Max.      ● Mean Max.      ▲ Mean      × Mean Min.      ◆ Extreme Min.

Long-Term (1951-2002) Mean: 73.6      1961-1990 Normal: 72.4

### OAK RIDGE, TN JUNE PRECIPITATION



Long-Term (1951-2002) Mean Monthly Total: 4.35

1961-1990 Normal: 4.34



JUNE 2002  
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.*

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