



# APRIL 2016 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		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	73	59	66	13	51	57	0	1	RA			0.06	28.81	29.77	3.3	27	4.0	20	26	15	27	01		
02	62	49	56	2	31	45	9	0				0.00	28.87	29.85	7.8	28	8.5	32	25	18	27	02		
03	65	36	51	-3	23	40	14	0				0.00	29.13	30.13	0.7	30	2.9	22	31	14	32	03		
04	79	42	61	7	37	49	4	0				0.00	29.07	30.04	4.0	28	6.2	23	30	14	34	04		
05	61	39	50	-4	28	40	15	0				0.00	29.29	30.29	2.5	06	4.4	20	36	14	08	05		
06	66	35	51	-4	36	45	14	0	RA BR			0.63	29.09	30.04	4.2	21	5.5	32	21	17	21	06		
07	64	45	55	0	38	47	10	0	RA			0.04	28.82	29.79	5.5	26	6.6	37*	26	24*	26	07		
08	57	41	49	-6	30	41	16	0	RA			0.02	28.93	29.93	4.5	26	6.0	28	27	18	27	08		
09	54	35	45*	-10	18	35	20	0				0.00	29.13	30.15	2.8	30	4.2	21	29	13	30	09		
10	60	31*	46	-10	26	39	19	0	RA			T	29.26	30.25	0.9	24	2.9	18	26	10	24	10		
11	71	46	59	3	41	49	6	0	RA			0.02	29.16	30.13	3.3	22	5.4	26	22	16	21	11		
12	66	46	56	0	41	49	9	0	RA BR			0.10	29.17	30.16	2.6	06	4.2	21	06	13	07	12		
13	73	44	59	3	38	49	6	0				0.00	29.21	30.17	1.0	09	4.0	15	07	10	07	13		
14	76	56	66	9	48	56	0	1				0.00	29.15	30.11	1.3	16	2.8	14	08	10	09	14		
15	76	52	64	7	41	53	1	0				0.00	29.19	30.16	2.4	10	3.5	19	09	14	09	15		
16	77	43	60	3	38	49	5	0				0.00	29.29	30.27	1.1	06	1.9	14	14	10	09	16		
17	82	44	63	5	38	50	2	0				0.00	29.36	30.34	0.9	10	1.6	23	10	15	09	17		
18	86	47	67	9	41	53	0	2				0.00	29.33	30.28	0.3	09	0.6	12	08	7	05	18		
19	85	50	68	10	45	55	0	3				0.00	29.21	30.15	0.1	17	0.5	11	19	8	19	19		
20	87*	59	73	15	47	59	0	8				0.00	29.10	30.04	1.4	18	2.5	18	22	12	15	20		
21	79	59	69	10	49	58	0	4	RA			0.09	29.05	29.99	1.9	20	4.0	24	19	15	19	21		
22	69	57	63	4	59	60	2	0	RA FG+ BR			1.27	28.99	29.94	1.3	17	1.9	16	29	10	27	22		
23	74	50	62	3	50	55	3	0	FG+ FG BR			0.00	29.05	30.02	2.7	06	3.5	22	07	14	07	23		
24	80	48	64	4	49	55	1	0				0.00	29.08	30.04	0.5	24	1.8	18	27	12	26	24		
25	83	54	69	9	52	59	0	4				0.00	29.03	29.97	1.6	21	2.2	22	23	12	21	25		
26	84	58	71	11	57	62	0	6				0.00	28.94	29.87	1.3	20	2.7	18	19	12	19	26		
27	85	63	74*	14	59	65	0	9	RA BR			0.30	28.87	29.80	2.2	21	3.2	23	29	15	27	27		
28	84	62	73	12	59	64	0	8	RA BR			0.29	28.92	29.87	0.8	22	2.7	23	21	12	20	28		
29	83	58	71	10	53	61	0	6				0.00	29.04	29.98	0.4	09	1.0	11	08	7	07	29		
30	71	61	66	5	58	61	0	1	RA BR			0.78	29.02	29.95	1.1	08	1.7	13	28	9	09	30		

73.7	49.0	61.4	☼	42.7	52.0	5.2	1.8	< MONTHLY AVERAGES   TOTALS >				3.60	29.08	30.05	0.8	24	3.4	< MONTHLY AVERAGES			
3.1	2.1	2.6		-----DEPARTURE FROM NORMAL ----->				-0.58	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3												

<b>DEGREE DAYS</b>				<b>GREATEST 24-HR PRECIPITATION :</b> 1.36 <b>DATE :</b> 21-22				<b>SEA LEVEL PRESSURE</b>							
<b>MONTHLY</b>				<b>GREATEST 24-HR SNOWFALL :</b>				<b>DATE</b>							
<b>SEASON TO DATE</b>				<b>GREATEST SNOW DEPTH :</b>				<b>TIME</b>							
<b>TOTAL DEPARTURE</b>		<b>TOTAL DEPARTURE</b>		<b>MAXIMUM :</b> 30.43		<b>DATE</b> 17		<b>TIME</b> 1004		<b>MINIMUM :</b> 29.70		<b>DATE</b> 01		<b>TIME</b> 0453	
<b>HEATING :</b>	156	-59	2835	-800	<b>NUMBER OF -&gt;</b>		<b>MAXIMUM TEMP &gt;= 90 :</b> 0	<b>MINIMUM TEMP &lt;= 32 :</b> 1	<b>PRECIPITATION &gt;= 0.01 INCH :</b> 11						
<b>COOLING :</b>	53	26	67	36	<b>DAYS WITH</b>	<b>THUNDERSTORMS :</b> 0	<b>MAXIMUM TEMP &lt;= 32 :</b> 0	<b>MINIMUM TEMP &lt;= 0 :</b> 0	<b>PRECIPITATION &gt;= 0.10 INCH :</b> 6						
								<b>HEAVY FOG :</b> 2	<b>SNOWFALL &gt;= 1.0 INCH :</b>						

APRIL 2016  
OAK RIDGE, TN

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

OAK RIDGE, TN (KOQT)  
APRIL 2016

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	0.06	T											01												01	0.06	0.06	
02													02												02	0.00	0.00	
03													03												03	0.00	0.00	
04													04												04	0.00	0.00	
05													05												05	0.00	0.00	
06													06							0.10	0.39	0.07	0.07	06	0.63	0.63		
07	0.03												07					T	0.01					07	0.04	0.04		
08													08	T	0.02	T	T					T	T	08	0.02	0.02		
09													09											09	0.00	0.00		
10													10		T	T	T							10	T	T		
11													11				0.02	T	T	T				11	0.02	0.02		
12	T	T	0.02	0.05	0.03	T						12												12	0.10	0.10		
13												13												13	0.00	0.00		
14												14												14	0.00	0.00		
15												15												15	0.00	0.00		
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	0.03	0.04	0.02	T	21	0.09	0.09	
22						0.25	0.16	0.10	T			22	0.03	0.02	T	0.71	T							22	1.27	1.27		
23												23												23	0.00	0.00		
24												24												24	0.00	0.00		
25												25												25	0.00	0.00		
26												26												26	0.00	0.00		
27												27										0.22	0.08	27	0.30	0.30		
28	0.10	0.19										28												28	0.29	0.29		
29												29												29	0.00	0.00		
30										T	T	30	0.01	0.08	0.15	0.13		T	0.02	0.15	0.23	0.01	T	T	30	0.78	0.78	

\* 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)	0.25	0.45	0.55	0.62	0.70	0.71	0.71	0.71	0.71	0.71	0.72	0.75
Ending Date	22	22	22	22	22	22	22	22	22	22	22	22
Ending Time (Hr/Min)	1511	1517	1517	1525	1530	1543	1543	1543	1543	1543	1530	1543

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.

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).

## 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	
VC In the Vicinity	UP Unkown Precipitation		GL Glaze

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

# OAK RIDGE, TN APRIL 2016

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet.

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.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

**NORMALS ARE FOR THE YEARS 1981-2010**

### ADDITIONAL NOTES & ERRATA:

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	VISIBILITY (MILES)	
	MINIMUM	MAXIMUM
01	9.00	10.00
02	10.00	10.00
03	10.00	10.00
04	10.00	10.00
05	10.00	10.00
06	1.50	10.00
07	10.00	10.00
08	7.00	10.00
09	10.00	10.00
10	10.00	10.00
11	7.00	10.00
12	5.00	10.00
13	10.00	10.00
14	10.00	10.00
15	10.00	10.00
16	10.00	10.00
17	10.00	10.00
18	10.00	10.00
19	10.00	10.00
20	10.00	10.00
21	6.00	10.00
22	0.25	10.00
23	0.25	10.00
24	8.00	10.00
25	10.00	10.00
26	10.00	10.00
27	1.25	10.00
28	2.50	10.00
29	10.00	10.00
30	3.00	10.00
<b>AVGS</b>	7.69	10.00
<b>MINIMUM VISIBILITY (MILES)</b>		
<= .25	<= 3.0	>= 7.0
2	6	22

# OBSERVATIONS AT 3-HOURLY INTERVALS

## OAK RIDGE, TN

### APRIL 2016

### KOQT

### WBAN # 53868

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	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
<b>SUNRISE: 0624 APR 01</b>					<b>SUNSET: 1859</b>					<b>SUNRISE: 0615 APR 07</b>					<b>SUNSET: 1903</b>										
01	BKN	110	10.00	-RA	60	58	59	93	0	00	28.77	29.72	01	OVC	060	10.00		50	46	48	86	3	VR	28.84	29.80
04	OVC	020	10.00		60	58	59	93	0	00	28.76	29.70	04	SCT	060	10.00		48	44	46	86	3	22	28.83	29.80
07	OVC	007	10.00		61	59	60	93	0	00	28.78	29.73	07	CLR	NC	10.00		46	43	45	89	3	VR	28.82	29.78
10	BKN	026	10.00		67	62	64	84	6	24	28.83	29.78	10	SCT	049	10.00		58	43	50	58	8	23	28.78	29.74
13	FEW	044	10.00		72	48	59	43	10	28	28.86	29.80	13	FEW	065	10.00		63	33	49	33	15	26	28.77	29.73
16	BKN	110	10.00		68	43	55	40	6	VR	28.84	29.78	16	CLR	NC	10.00		63	31	48	30	15	26	28.78	29.74
19	SCT	120	10.00		65	43	53	45	7	27	28.85	29.80	19	FEW	048	10.00		55	35	46	47	6	29	28.86	29.83
22	OVC	110	10.00		62	42	52	48	0	00	28.89	29.83	22	BKN	120	10.00		53	34	44	48	0	00	28.91	29.87
<b>SUNRISE: 0622 APR 02</b>					<b>SUNSET: 1859</b>					<b>SUNRISE: 0614 APR 08</b>					<b>SUNSET: 1904</b>										
01	BKN	100	10.00		59	42	50	54	3	28	28.84	29.79	01	BKN	110	10.00		50	34	43	54	5	25	28.90	29.86
04	OVC	090	10.00		55	33	45	44	8	35	28.86	29.81	04	OVC	080	10.00		47	34	41	61	0	00	28.92	29.88
07	CLR	NC	10.00		51	35	44	54	5	33	28.90	29.86	07	CLR	NC	10.00		42	32	38	68	0	00	28.94	29.91
10	FEW	055	10.00		56	30	44	37	10	27	28.91	29.86	10	BKN	075	10.00		52	27	41	38			28.97	29.94
13	SCT	065	10.00		58	27	44	31	9	25	28.90	29.85	13	BKN	095	10.00		54	33	44	45	9	22	28.96	29.93
16	FEW	075	10.00		61	28	46	29	14	27	28.83	29.79	16	CLR	NC	10.00		56	33	45	42	10	28	28.93	29.91
19	BKN	085	10.00		59	26	45	28	11	27	28.87	29.84	19	BKN	090	10.00		54	28	43	37	7	27	28.95	29.93
22	OVC	070	10.00		57	30	45	36	11	26	28.98	29.94	22	BKN	085	10.00	-RA	48	28	40	46	11	31	29.04	30.02
<b>SUNRISE: 0621 APR 03</b>					<b>SUNSET: 1900</b>					<b>SUNRISE: 0612 APR 09</b>					<b>SUNSET: 1904</b>										
01	CLR	NC	10.00		51	21	39	31	7	35	29.07	30.04	01	CLR	NC	10.00		43	29	37	58	0	00	29.01	29.99
04	CLR	NC	10.00		43	13	33	29	5	VR	29.13	30.11	04	OVC	080	10.00		44	27	37	51	5	28	29.00	29.98
07	CLR	NC	10.00		41	16	32	36	3	33	29.19	30.17	07	CLR	NC	10.00		40	17	32	40	11	28	29.10	30.10
10	CLR	NC	10.00		47	16	36	29	3	VR	29.23	30.22	10	CLR	NC	10.00		42	11	32	28	9	29	29.21	30.21
13	CLR	NC	10.00		57	21	42	25	8	22	29.19	30.17	13	CLR	NC	10.00		49	16	37	27	0	00	29.20	30.19
16	CLR	NC	10.00		64	23	46	21	5	VR	29.13	30.10	16	CLR	NC	10.00		53	11	38	18	5	VR	29.18	30.17
19	CLR	NC	10.00		62	27	46	26	3	19	29.12	30.09	19	CLR	NC	10.00		49	14	36	25	3	VR	29.22	30.22
22	CLR	NC	10.00		50	35	43	57	0	00	29.14	30.13	22	CLR	NC	10.00		39	22	33	50	0	00	29.27	30.27
<b>SUNRISE: 0619 APR 04</b>					<b>SUNSET: 1900</b>					<b>SUNRISE: 0611 APR 10</b>					<b>SUNSET: 1905</b>										
01	CLR	NC	10.00		46	35	41	66	0	00	29.13	30.11	01	CLR	NC	10.00		34	25	31	70	0	00	29.29	30.29
04	CLR	NC	10.00		44	35	40	71	3	22	29.12	30.09	04	CLR	NC	10.00		32	26	30	79	0	00	29.28	30.29
07	CLR	NC	10.00		44	37	41	76	0	00	29.13	30.11	07	SCT	085	10.00		33	27	31	78	0	00	29.32	30.33
10	CLR	NC	10.00		62	37	50	40	6	27	29.12	30.09	10	BKN	100	10.00		49	22	38	35	3	21	29.32	30.32
13	CLR	NC	10.00		74	38	55	27	7	VR	29.04	30.00	13	OVC	100	10.00		56	23	42	28	3	VR	29.29	30.29
16	FEW	095	10.00		79	37	57	22	9	25	28.97	29.92	16	OVC	110	10.00		59	26	45	28	3	VR	29.20	30.20
19	OVC	110	10.00		73	39	55	29	9	30	29.00	29.96	19	BKN	120	10.00		57	31	45	37	0	00	29.16	30.16
22	CLR	NC	10.00		63	36	50	37	9	33	29.12	30.07	22	FEW	085	10.00		54	31	44	42	9	26	29.19	30.17
<b>SUNRISE: 0618 APR 05</b>					<b>SUNSET: 1901</b>					<b>SUNRISE: 0610 APR 11</b>					<b>SUNSET: 1906</b>										
01	CLR	NC	10.00		49	34	42	56	13	13	29.23	30.19	01	CLR	NC	10.00		51	29	42	43	6	26	29.21	30.19
04	CLR	NC	10.00		41	29	36	62	5	01	29.27	30.23	04	CLR	NC	10.00		47	32	41	56	3	VR	29.21	30.19
07	FEW	037	10.00		40	28	35	63	3	VR	29.34	30.31	07	CLR	NC	10.00		49	34	42	56	5	VR	29.24	30.22
10	CLR	NC	10.00		47	30	40	52	6	VR	29.36	30.34	10	CLR	NC	10.00		59	41	50	51	6	VR	29.22	30.19
13	CLR	NC	10.00		54	27	42	35	8	11	29.35	30.33	13	CLR	NC	10.00		71	41	55	34	8	22	29.14	30.11
16	CLR	NC	10.00		59	23	44	25	6	07	29.32	30.30	16	OVC	090	7.00	-RA	61	52	56	72	8	21	29.13	30.10
19	CLR	NC	10.00		55	23	42	29	5	08	29.29	30.28	19	SCT	090	10.00		58	49	53	72	5	VR	29.09	30.06
22	CLR	NC	10.00		45	30	39	56	0	00	29.29	30.28	22	SCT	095	10.00		57	48	52	72	3	26	29.09	30.05
<b>SUNRISE: 0617 APR 06</b>					<b>SUNSET: 1902</b>					<b>SUNRISE: 0608 APR 12</b>					<b>SUNSET: 1907</b>										
01	CLR	NC	10.00		38	32	36	79	0	00	29.24	30.24	01	OVC	023	10.00		57	50	53	78	5	VR	29.10	30.05
04	CLR	NC	10.00		36	31	34	82	0	00	29.21	30.21	04	OVC	027	5.00	-RA BR	56	54	55	93	0	00	29.09	30.05
07	CLR	NC	10.00		39	31	36	73	0	00	29.21	30.21	07	OVC	017	10.00		52	49	50	89	3	VR	29.14	30.12
10	CLR	NC	10.00		54	31	44	42	7	VR	29.20	30.19	10	OVC	032	10.00		53	44	49	72	5	VR	29.23	30.21
13	CLR	NC	10.00		62	36	49	38	7	VR	29.09	30.07	13	CLR	NC	10.00		58	42	50	56	7	08	29.23	30.20
16	OVC	090	10.00		62	39	51	43	9	27	28.96	29.94	16	CLR	NC	10.00		65	34	50	32	9	06	29.20	30.16
19	CLR	NC	10.00		63	37	50	38	11	18	28.83	29.81	19	CLR	NC	10.00		61	29	47	30	5	02	29.22	30.19
22	OVC	060	1.50	+RA BR	53	51	52	93	7	27	28.89	29.86	22	CLR	NC	10.00		51	31	42	46	0	00	29.24	30.23

# OBSERVATIONS AT 3-HOURLY INTERVALS

# OAK RIDGE, TN

APRIL 2016

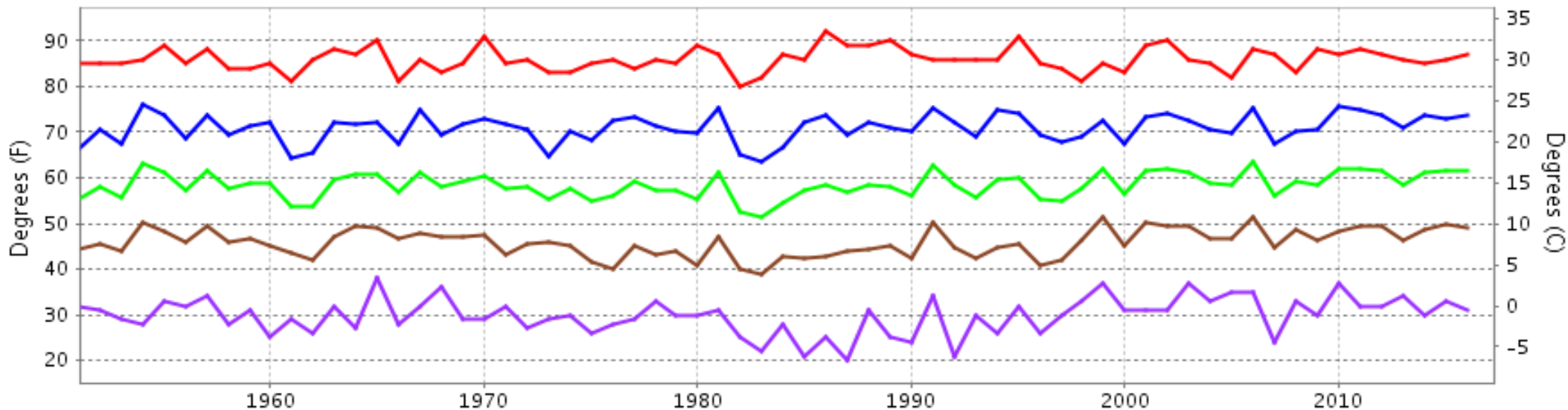
KOQT

WBAN # 53868

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F						PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F						PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
<b>SUNRISE: 0607 APR 13</b>					<b>SUNSET: 1908</b>						<b>SUNRISE: 0559 APR 19</b>					<b>SUNSET: 1913</b>									
01	CLR	NC	10.00		45	32	39	61	0	00	29.25	30.23	01	CLR	NC	10.00		55	46	50	72	0	00	29.26	30.21
04	CLR	NC	10.00		45	30	39	56	3	05	29.25	30.22	04	CLR	NC	10.00		51	46	48	83	0	00	29.24	30.19
07	CLR	NC	10.00		48	28	40	46	6	VR	29.26	30.23	07	CLR	NC	10.00		51	46	48	83	0	00	29.26	30.23
10	CLR	NC	10.00		59	32	47	36	6	08	29.24	30.22	10	CLR	NC	10.00		68	47	57	47	3	17	29.27	30.22
13	CLR	NC	10.00		69	39	54	33	0	00	29.21	30.19	13	CLR	NC	10.00		81	46	61	29	0	00	29.20	30.16
16	BKN	075	10.00		72	45	57	38	3	VR	29.16	30.12	16	CLR	NC	10.00		83	38	59	20	0	00	29.13	30.08
19	CLR	NC	10.00		69	46	56	44	3	19	29.13	30.10	19	CLR	NC	10.00		80	41	59	25	0	00	29.13	30.07
22	CLR	NC	10.00		61	47	54	60	3	VR	29.17	30.14	22	CLR	NC	10.00		68	49	57	51	0	00	29.14	30.09
<b>SUNRISE: 0606 APR 14</b>					<b>SUNSET: 1909</b>						<b>SUNRISE: 0558 APR 20</b>					<b>SUNSET: 1914</b>									
01	CLR	NC	10.00		59	48	53	67	3	22	29.16	30.12	01	CLR	NC	10.00		64	51	57	63	0	00	29.13	30.06
04	OVC	070	10.00		57	49	53	74	3	22	29.17	30.12	04	CLR	NC	10.00		60	53	56	78	0	00	29.10	30.05
07	OVC	110	10.00		57	50	53	78	0	00	29.19	30.15	07	CLR	NC	10.00		61	53	57	75	0	00	29.14	30.09
10	BKN	120	10.00		64	49	56	58	0	00	29.22	30.18	10	CLR	NC	10.00		73	48	59	41	0	00	29.15	30.10
13	CLR	NC	10.00		71	48	58	44	5	VR	29.17	30.12	13	CLR	NC	10.00		83	43	61	24	6	17	29.10	30.04
16	SCT	065	10.00		76	46	59	35	7	07	29.10	30.05	16	CLR	NC	10.00		86	43	62	22	9	23	29.05	29.98
19	BKN	110	10.00		72	45	57	38	0	00	29.10	30.05	19	CLR	NC	10.00		81	41	59	24	3	22	29.05	29.98
22	OVC	080	10.00		66	50	57	56	6	21	29.13	30.09	22	CLR	NC	10.00		75	42	57	31	5	19	29.10	30.03
<b>SUNRISE: 0604 APR 15</b>					<b>SUNSET: 1910</b>						<b>SUNRISE: 0557 APR 21</b>					<b>SUNSET: 1915</b>									
01	SCT	075	10.00		63	50	56	63	0	00	29.13	30.08	01	CLR	NC	10.00		68	48	57	49	0	00	29.10	30.02
04	SCT	070	10.00		61	47	54	60	0	00	29.17	30.11	04	CLR	NC	10.00		63	46	54	54	0	00	29.09	30.01
07	CLR	NC	10.00		59	47	53	64	0	00	29.22	30.17	07	CLR	NC	10.00		60	51	55	72	0	00	29.10	30.05
10	CLR	NC	10.00		66	39	52	37	5	VR	29.23	30.19	10	CLR	NC	10.00		73	48	59	41	10	19	29.12	30.05
13	CLR	NC	10.00		71	38	54	30	7	12	29.22	30.17	13	CLR	NC	10.00		75	46	59	36	6	VR	29.06	29.99
16	CLR	NC	10.00		75	31	53	20	11	09	29.17	30.13	16	CLR	NC	10.00		78	47	60	33	7	VR	28.99	29.93
19	CLR	NC	10.00		70	32	52	25	5	08	29.20	30.16	19	BKN	110	10.00		74	50	60	43	5	VR	28.98	29.92
22	CLR	NC	10.00		57	40	49	53	5	21	29.24	30.20	22	OVC	050	10.00		63	60	61	90	3	16	29.04	29.98
<b>SUNRISE: 0603 APR 16</b>					<b>SUNSET: 1910</b>						<b>SUNRISE: 0555 APR 22</b>					<b>SUNSET: 1915</b>									
01	CLR	NC	10.00		51	42	47	71	0	00	29.27	30.24	01	OVC	080	10.00		62	60	61	93	0	00	29.03	29.97
04	CLR	NC	10.00		47	41	44	80	0	00	29.29	30.26	04	OVC	029	10.00		62	59	60	90	3	VR	29.00	29.94
07	CLR	NC	10.00		47	41	44	80	0	00	29.34	30.31	07	OVC	070	3.00	RA BR	60	58	59	93	5	21	29.02	29.96
10	CLR	NC	10.00		64	36	50	35	3	VR	29.36	30.33	10	SCT	012	10.00		64	59	61	84	0	00	29.00	29.95
13	CLR	NC	10.00		73	36	54	26	3	VR	29.32	30.28	13	OVC	090	4.00	RA	66	60	62	81	5	15	28.98	29.93
16	CLR	NC	10.00		75	30	53	19	3	07	29.27	30.24	16	SCT	080	10.00		64	60	62	87	0	00	28.94	29.89
19	CLR	NC	10.00		72	32	52	23	0	00	29.27	30.24	19	SCT	080	10.00		64	60	62	87	0	00	28.96	29.91
22	CLR	NC	10.00		56	42	49	60	0	00	29.32	30.28	22	VV	002	0.25	FG	59	58	58	96	0	00	29.01	29.96
<b>SUNRISE: 0602 APR 17</b>					<b>SUNSET: 1911</b>						<b>SUNRISE: 0554 APR 23</b>					<b>SUNSET: 1916</b>									
01	CLR	NC	10.00		51	41	46	69	0	00	29.35	30.32	01	VV	002	0.25	FG	56	55	55	97	0	00	29.03	29.98
04	CLR	NC	10.00		46	42	44	86	0	00	29.39	30.35	04	VV	002	0.50	FG	52	50	51	93	0	00	29.02	29.98
07	CLR	NC	10.00		46	42	44	86	0	00	29.44	30.41	07	VV	002	0.25	FG	50	49	49	96	0	00	29.07	30.03
10	CLR	NC	10.00		66	34	51	30	0	00	29.46	30.43	10	BKN	036	10.00		64	53	58	68	6	06	29.10	30.06
13	CLR	NC	10.00		76	33	54	21	3	VR	29.38	30.35	13	FEW	049	10.00		70	49	58	47	13	06	29.09	30.04
16	CLR	NC	10.00		80	31	55	17	11	09	29.31	30.27	16	CLR	NC	10.00		73	47	58	40	8	05	29.06	30.01
19	CLR	NC	10.00		76	34	55	22	0	00	29.30	30.27	19	CLR	NC	10.00		69	45	56	42	0	00	29.05	30.01
22	CLR	NC	10.00		59	43	51	56	0	00	29.35	30.31	22	CLR	NC	10.00		59	50	54	72	0	00	29.10	30.05
<b>SUNRISE: 0600 APR 18</b>					<b>SUNSET: 1912</b>						<b>SUNRISE: 0553 APR 24</b>					<b>SUNSET: 1917</b>									
01	CLR	NC	10.00		54	43	49	67	0	00	29.37	30.33	01	CLR	NC	10.00		53	49	51	86	0	00	29.10	30.05
04	CLR	NC	10.00		51	42	47	71	0	00	29.36	30.31	04	CLR	NC	10.00		50	47	48	89	0	00	29.10	30.07
07	CLR	NC	10.00		50	44	47	80	0	00	29.40	30.36	07	CLR	NC	9.00		50	47	48	89	3	08	29.14	30.11
10	CLR	NC	10.00		68	45	56	44	0	00	29.40	30.36	10	CLR	NC	10.00		64	47	55	54	3	VR	29.15	30.11
13	CLR	NC	10.00		81	39	58	22	3	VR	29.34	30.29	13	CLR	NC	10.00		76	48	60	37	7	25	29.10	30.04
16	CLR	NC	10.00		85	34	58	16	0	00	29.26	30.21	16	CLR	NC	10.00		79	47	61	32	0	00	29.03	29.98
19	CLR	NC	10.00		77	38	57	24	0	00	29.23	30.19	19	CLR	NC	10.00		77	49	61	37	3	22	29.01	29.96
22	CLR	NC	10.00		63	44	53	50	0	00	29.25	30.21	22	CLR	NC	10.00		63	54	58	73	0	00	29.05	30.00



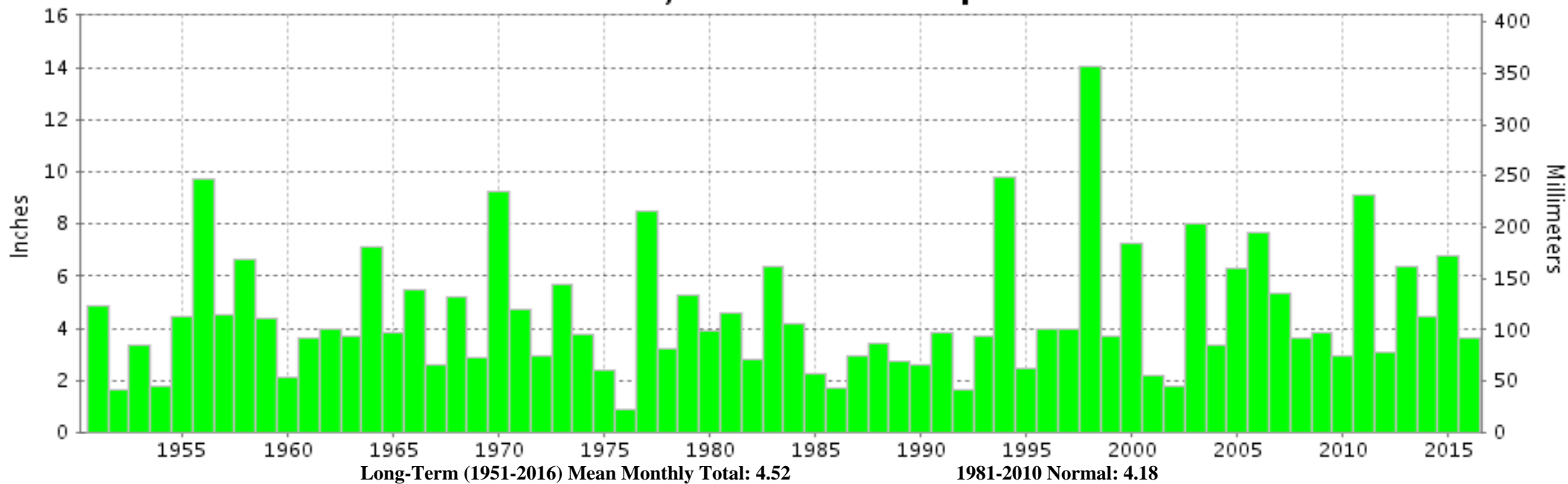
## OAK RIDGE, TN APRIL Temperatures



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

Long-Term (1951-2016) Mean: 58.4  
1981-2010 Normal: 58.8

## OAK RIDGE, TN APRIL Precipitation



Long-Term (1951-2016) Mean Monthly Total: 4.52

1981-2010 Normal: 4.18



**APRIL 2016**  
**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.*

A handwritten signature in black ink, appearing to read "Thomas R. Karl".

**DIRECTOR**

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