



APRIL 2015 LOCAL CLIMATOLOGICAL DATA

NOAA, National Centers for Environmental Information

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	75	47	61	8	31	47	4	0				0.00	29.08	30.06	2.1	06	3.4	19	36	10	06	01		
02	73	45	59	5	48	54	6	0	RA			0.07	29.13	30.09	2.6	22	3.9	25	19	17	19	02		
03	77	54	66	12	56	60	0	1	RA BR			1.00	28.99	29.94	3.6	22	6.2	28	20	20	21	03		
04	63	40	52	-2	32	44	13	0				0.00	29.24	30.25	2.8	01	5.4	23	34	13	34	04		
05	69	33*	51*	-3	30	43	14	0				0.00	29.29	30.26	0.4	23	2.6	16	20	12	20	05		
06	64	52	58	3	47	52	7	0	RA BR			0.59	29.24	30.21	0.2	28	0.4	12	28	8	27	06		
07	64	57	61	6	59	60	4	0	RA FG BR			0.39	29.18	30.15	0.2	24	1.1	10	07	6	08	07		
08	84	58	71	16	60	64	0	6	FG+ BR			0.00	29.13	30.07	1.2	18	1.7	17	20	12	19	08		
09	86*	57	72*	17	59	64	0	7				0.00	29.06	29.99	4.9	22	5.7	28	18	20*	19	09		
10	75	53	64	8	58	61	1	0	RA BR			0.55	29.03	29.99	3.1	23	4.9	29	20	15	21	10		
11	74	43	59	3	38	49	6	0				0.00	29.20	30.17	1.4	07	2.3	15	11	10	07	11		
12	83	46	65	9	44	54	0	0				0.00	29.20	30.15	1.7	17	3.9	25	20	14	20	12		
13	78	55	67	11	56	60	0	2	RA			T	29.17	30.11	1.2	22	2.0	17	25	10	26	13		
14	78	63	71	14	64	65	0	6	RA BR			0.67	29.06	30.00	0.2	26	1.7	21	22	12	23	14		
15	69	61	65	8	59	61	0	0	RA BR			1.11	29.12	30.08	2.8	07	3.6	17	07	12	08	15		
16	65	58	62	5	56	58	3	0	RA BR			0.17	29.21	30.17	0.5	11	2.1	10	08	7	14	16		
17	72	59	66	8	58	61	0	1	BR			0.00	29.14	30.08	1.2	18	1.5	10	19	7	19	17		
18	83	57	70	12	59	62	0	5	RA FG+ FG BR			T	29.03	29.96	0.6	18	2.5	18	17	12	16	18		
19	73	59	66	8	62	63	0	1	RA BR			0.79	28.81	29.72	1.5	18	2.7	26	19	15	21	19		
20	74	53	64	6	52	57	1	0	RA BR			0.45	28.74	29.71	4.5	25	6.1	27	26	17	27	20		
21	69	46	58	-1	35	47	7	0				0.00	28.97	29.93	3.5	27	4.4	24	28	14	28	21		
22	76	48	62	3	42	51	3	0	RA			T	28.93	29.90	4.8	25	5.8	28	25	18	26	22		
23	69	42	56	-3	27	43	9	0				0.00	29.05	30.04	2.4	30	3.4	20	29	14	27	23		
24	69	37	53	-7	32	44	12	0				0.00	29.09	30.06	0.6	09	1.8	11	08	8	08	24		
25	76	52	64	4	54	58	1	0	RA BR			0.95	28.79	29.69	1.4	26	3.6	35*	32	18	28	25		
26	68	49	59	-1	53	56	6	0	RA			T	28.74	29.71	1.5	32	3.2	17	01	10	01	26		
27	68	41	55	-5	38	47	10	0	FG BR			0.00	28.94	29.93	1.2	07	2.5	20	08	14	08	27		
28	71	43	57	-4	41	49	8	0				0.00	28.98	29.94	1.2	08	2.3	14	08	10	08	28		
29	72	46	59	-2	45	52	6	0				0.00	28.84	29.80	0.7	17	1.2	15	17	9	17	29		
30	69	44	57	-4	45	50	8	0	RA			0.03	28.84	29.83	1.1	30	2.2	22	33	14	33	30		

72.9	49.9	61.4	☼	48.0	54.5	4.3	1.0	< MONTHLY AVERAGES TOTALS >				6.77	29.04	30.00	0.8	23	3.1	< MONTHLY AVERAGES			
2.3	3.0	2.6		-----DEPARTURE FROM NORMAL ----->								2.59	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3								

DEGREE DAYS				GREATEST 24-HR PRECIPITATION : 1.29 DATE : 14-15				SEA LEVEL PRESSURE			
MONTHLY				GREATEST 24-HR SNOWFALL :				DATE			
SEASON TO DATE				GREATEST SNOW DEPTH :				TIME			
TOTAL DEPARTURE		TOTAL DEPARTURE		NUMBER OF -> DAYS WITH		MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 0		PRECIPITATION >= 0.01 INCH: 12	
HEATING : 129		COOLING : 29		THUNDERSTORMS : 0		MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH: 10	
-86		2		33		2		: 2		SNOWFALL >= 1.0 INCH :	
3690		55		33		2					

APRIL 2015
OAK RIDGE, TN

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

OAK RIDGE, TN (KOQT)
APRIL 2015

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			T	0.07	T							02	0.07	0.07	
03													03						0.01	0.03	0.61	0.23	0.06	0.06	03	1.00	1.00	
04													04												04	0.00	0.00	
05													05												05	0.00	0.00	
06													06				0.03	0.21	0.12	0.15	0.05	0.01	T		06	0.59	0.59	
07								0.01	T				07			T	0.02	0.02	T	0.01	0.01			07	0.39	0.39		
08													08												08	0.00	0.00	
09													09												09	0.00	0.00	
10						0.06	0.40	0.06	0.01				10	0.02											10	0.55	0.55	
11													11												11	0.00	0.00	
12													12												12	0.00	0.00	
13													13												13	T	T	
14	0.04	0.12	0.01	T	0.05	0.03	0.04	0.06	0.10	0.17	0.04	T	14				T			0.01				14	0.67	0.67		
15		0.02	0.13	0.17	0.05	0.27	0.23	0.10	0.07	0.06	0.01	T	15	T	T					T				15	1.11	1.11		
16											0.05	0.10	16	0.02											16	0.17	0.17	
17													17												17	0.00	0.00	
18													18						T						18	T	T	
19					0.03	0.01	0.09	0.08	0.19	0.12	T	T	19	0.10	0.02						T			19	0.79	0.79		
20					0.29	0.16							20								0.13	0.02			20	0.45	0.45	
21													21												21	0.00	0.00	
22													22				T								22	T	T	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25		T	T	T	0.01	0.02	0.06	T					25										0.68	0.18	25	0.95	0.95	
26	T												26												26	T	T	
27													27												27	0.00	0.00	
28													28												28	0.00	0.00	
29													29												29	0.00	0.00	
30												T	30			T	0.03	T							30	0.03	0.03	

* 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)	0.44	0.49	0.63	0.81	0.85	0.86	0.86	0.86	0.86	0.86	0.87	0.93
Ending Date	25	25	25	25	25	25	25	25	25	25	03	03
Ending Time (Hr/Min)	2247	2253	2258	2303	2309	2314	2314	2314	2314	2314	2039	2204

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 2015

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	10.00	10.00
02	8.00	10.00
03	0.75	10.00
04	10.00	10.00
05	10.00	10.00
06	2.00	10.00
07	1.25	10.00
08	0.25	10.00
09	7.00	10.00
10	2.50	10.00
11	10.00	10.00
12	10.00	10.00
13	10.00	10.00
14	1.50	10.00
15	1.75	10.00
16	4.00	10.00
17	4.00	10.00
18	0.25	10.00
19	1.50	10.00
20	4.00	10.00
21	10.00	10.00
22	10.00	10.00
23	10.00	10.00
24	10.00	10.00
25	1.00	10.00
26	10.00	10.00
27	5.00	10.00
28	10.00	10.00
29	10.00	10.00
30	3.00	10.00
AVGS	5.93	10.00
MINIMUM VISIBILITY (MILES)		
<= .25	<= 3.0	>= 7.0
2	11	15

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

APRIL 2015

KOQT

WBAN # 53868

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0624 APR 01					SUNSET: 1859					SUNRISE: 0615 APR 07					SUNSET: 1903										
01	CLR	NC	10.00		61	34	48	36	8	02	28.99	29.93	01	OVC	024	5.00	BR	57	56	56	96	0	00	29.19	30.15
04	CLR	NC	10.00		52	32	43	47	5	06	29.04	29.98	04	OVC	021	9.00		58	57	57	97	3	23	29.17	30.14
07	CLR	NC	10.00		48	35	42	61	0	00	29.10	30.07	07	OVC	005	3.00	BR	59	57	58	93	0	00	29.19	30.17
10	CLR	NC	10.00		63	35	49	35	5	VR	29.15	30.11	10	OVC	004	2.50	RA BR	60	59	59	96	0	00	29.21	30.19
13	CLR	NC	10.00		70	30	51	23	3	VR	29.13	30.09	13	OVC	005	10.00		63	61	62	93	3	09	29.21	30.18
16	CLR	NC	10.00		73	22	50	15	3	VR	29.10	30.06	16	OVC	015	10.00		63	61	62	93	5	VR	29.17	30.14
19	CLR	NC	10.00		70	25	49	18	0	00	29.10	30.06	19	SCT	110	10.00		63	61	62	93	3	35	29.15	30.11
22	CLR	NC	10.00		55	36	46	49	0	00	29.14	30.11	22	BKN	002	3.00	BR	61	60	60	97	0	00	29.19	30.15
SUNRISE: 0622 APR 02					SUNSET: 1859					SUNRISE: 0614 APR 08					SUNSET: 1904										
01	CLR	NC	10.00		48	37	43	66	0	00	29.13	30.10	01	OVC	002	1.75	BR	62	60	61	93	0	00	29.16	30.12
04	CLR	NC	10.00		46	37	42	71	0	00	29.12	30.08	04	VV	002	0.25	FG	60	59	59	96	0	00	29.16	30.12
07	BKN	080	10.00		49	38	44	66	0	00	29.16	30.13	07	OVC	033	0.25	FG	59	58	58	96	0	00	29.19	30.16
10	FEW	039	10.00		62	41	51	46	3	VR	29.18	30.15	10	OVC	013	10.00		67	62	64	84	0	00	29.18	30.14
13	OVC	050	10.00		73	55	62	53	8	18	29.14	30.10	13	FEW	038	10.00		75	64	68	69	3	VR	29.13	30.08
16	OVC	095	8.00	-RA	66	62	64	87	5	VR	29.09	30.05	16	BKN	055	10.00		82	60	68	47	8	18	29.05	29.98
19	BKN	110	10.00		68	56	61	65	11	19	29.10	30.07	19	CLR	NC	10.00		78	60	67	54	0	00	29.05	29.99
22	OVC	075	10.00		63	56	59	78	3	VR	29.13	30.09	22	CLR	NC	10.00		68	61	64	78	0	00	29.08	30.02
SUNRISE: 0621 APR 03					SUNSET: 1900					SUNRISE: 0612 APR 09					SUNSET: 1904										
01	BKN	110	10.00		60	57	58	90	0	00	29.08	30.02	01	CLR	NC	10.00		63	59	61	87	0	00	29.10	30.04
04	OVC	075	10.00		60	56	58	86	3	27	29.03	29.98	04	CLR	NC	7.00		59	57	58	93	0	00	29.08	30.01
07	CLR	NC	10.00		60	56	58	86	3	VR	29.04	29.99	07	CLR	NC	9.00		58	56	57	93	0	00	29.09	30.03
10	OVC	070	10.00		62	55	58	78	3	VR	29.07	30.01	10	CLR	NC	10.00		76	60	66	58	6	VR	29.12	30.05
13	OVC	039	10.00		72	56	62	57	9	22	29.02	29.96	13	SCT	060	10.00		83	60	68	46	11	23	29.07	30.00
16	BKN	060	10.00		76	57	64	52	11	20	28.90	29.84	16	FEW	070	10.00		83	57	67	41	15	20	29.03	29.96
19	OVC	100	6.00	-RA	70	59	63	68	5	23	28.86	29.80	19	CLR	NC	10.00		80	58	66	47	9	22	29.01	29.94
22	OVC	041	2.50	RA BR	64	62	63	93	5	VR	28.96	29.91	22	CLR	NC	10.00		75	60	66	60	7	21	29.00	29.93
SUNRISE: 0619 APR 04					SUNSET: 1900					SUNRISE: 0611 APR 10					SUNSET: 1905										
01	OVC	024	10.00		53	45	49	74	13	36	29.10	30.06	01	OVC	060	10.00		75	60	66	60	8	20	29.00	29.92
04	SCT	095	10.00		51	39	45	64	6	34	29.17	30.13	04	OVC	090	10.00		73	61	66	66	9	21	28.96	29.88
07	FEW	038	10.00		49	37	43	64	10	33	29.25	30.21	07	OVC	095	2.50	RA BR	66	63	64	90	6	21	29.01	29.94
10	CLR	NC	10.00		53	35	45	51	7	VR	29.31	30.28	10	OVC	023	10.00		66	62	64	87	5	VR	29.05	29.98
13	CLR	NC	10.00		60	32	47	35			29.32	30.30	13	BKN	042	10.00		67	61	63	81	7	25	29.05	29.99
16	CLR	NC	10.00		62	24	46	23	5	VR	29.29	30.26	16	CLR	NC	10.00		68	51	58	55	7	27	29.06	29.99
19	CLR	NC	10.00		56	19	41	24	7	07	29.31	30.29	19	CLR	NC	10.00		65	50	57	59	3	33	29.08	30.02
22	CLR	NC	10.00		45	29	38	54	0	00	29.34	30.33	22	CLR	NC	10.00		57	52	54	83	0	00	29.14	30.11
SUNRISE: 0618 APR 05					SUNSET: 1901					SUNRISE: 0610 APR 11					SUNSET: 1906										
01	CLR	NC	10.00		38	31	35	76	0	00	29.34	30.33	01	CLR	NC	10.00		53	50	51	89	0	00	29.18	30.14
04	CLR	NC	10.00		36	30	34	79	0	00	29.32	30.31	04	CLR	NC	10.00		47	44	46	90	0	00	29.20	30.17
07	CLR	NC	10.00		34	31	33	89	0	00	29.33	30.33	07	CLR	NC	10.00		46	43	45	89	0	00	29.25	30.22
10	CLR	NC	10.00		54	27	42	35	3	VR	29.35	30.34	10	CLR	NC	10.00		62	40	51	44	0	00	29.26	30.23
13	CLR	NC	10.00		64	24	46	22	7	17	29.28	30.26	13	CLR	NC	10.00		70	36	53	29	7	VR	29.21	30.17
16	CLR	NC	10.00		68	28	49	22	6	VR	29.20	30.18	16	CLR	NC	10.00		72	29	52	20	6	11	29.17	30.14
19	CLR	NC	10.00		65	30	49	27	5	25	29.22	30.21	19	CLR	NC	10.00		68	28	49	22	3	VR	29.17	30.15
22	SCT	110	10.00		59	35	48	41	0	00	29.22	30.19	22	CLR	NC	10.00		55	36	46	49	0	00	29.20	30.16
SUNRISE: 0617 APR 06					SUNSET: 1902					SUNRISE: 0608 APR 12					SUNSET: 1907										
01	CLR	NC	10.00		55	39	47	55	0	00	29.22	30.19	01	CLR	NC	10.00		50	36	44	59	3	06	29.20	30.16
04	FEW	120	10.00		52	41	47	66	0	00	29.22	30.19	04	CLR	NC	10.00		49	36	43	61	3	07	29.20	30.16
07	OVC	060	10.00	-RA	53	45	49	74	0	00	29.28	30.24	07	CLR	NC	10.00		48	38	43	68	3	09	29.23	30.21
10	OVC	043	10.00		57	47	52	69	0	00	29.28	30.26	10	CLR	NC	10.00		66	36	51	33	0	00	29.25	30.22
13	OVC	034	10.00		62	44	53	52	0	00	29.26	30.22	13	CLR	NC	10.00		78	49	61	36	10	17	29.19	30.15
16	OVC	080	2.50	RA	56	51	53	84	6	28	29.23	30.22	16	SCT	065	10.00		82	52	64	35	9	20	29.13	30.08
19	OVC	090	2.50	RA BR	55	54	54	96	0	00	29.21	30.19	19	CLR	NC	10.00		76	52	62	43	6	VR	29.15	30.11
22	OVC	009	5.00	BR	56	54	55	93	0	00	29.21	30.19	22	CLR	NC	10.00		69	47	57	45	3	22	29.21	30.16

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

APRIL 2015

KOQT

WBAN # 53868

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0607 APR 13					SUNSET: 1908					SUNRISE: 0559 APR 19					SUNSET: 1913										
01	CLR	NC	10.00		59	49	54	69	3	23	29.20	30.15	01	OVC	065	10.00		67	62	64	84	0	00	28.95	29.88
04	CLR	NC	10.00		57	48	52	72	3	27	29.17	30.12	04	OVC	050	10.00		65	62	63	90	0	00	28.89	29.82
07	BKN	050	10.00		57	50	53	78	0	00	29.23	30.18	07	OVC	085	2.00	RA BR	64	62	63	93	0	00	28.87	29.81
10	OVC	055	10.00		68	54	60	61	0	00	29.23	30.17	10	OVC	050	3.00	-RA BR	64	62	63	93	3	06	28.82	29.76
13	OVC	060	10.00		74	56	63	54	5	20	29.17	30.13	13	OVC	037	3.00	RA BR	67	65	66	93	0	00	28.77	29.70
16	OVC	043	10.00		76	59	65	56	7	20	29.12	30.06	16	FEW	031	10.00		73	62	66	69	10	21	28.70	29.63
19	OVC	060	10.00		70	62	65	76	0	00	29.10	30.06	19	SCT	110	10.00		70	62	65	76	5	VR	28.67	29.59
22	OVC	100	10.00		67	64	65	91	0	00	29.13	30.08	22	OVC	039	10.00		61	58	59	90	0	00	28.74	29.67
SUNRISE: 0606 APR 14					SUNSET: 1909					SUNRISE: 0558 APR 20					SUNSET: 1914										
01	OVC	070	5.00	-RA BR	66	65	65	96	0	00	29.12	30.05	01	OVC	011	10.00		60	58	59	93	0	00	28.74	29.69
04	OVC	029	10.00		65	63	64	93	0	00	29.05	29.98	04	OVC	005	9.00		62	60	61	93	0	00	28.70	29.63
07	OVC	011	2.50	RA BR	65	64	64	97	0	00	29.06	30.00	07	BKN	010	10.00		58	56	57	93	3	VR	28.71	29.65
10	OVC	006	7.00		67	65	66	93	0	00	29.07	30.01	10	BKN	031	10.00		64	57	60	78	8	25	28.74	29.69
13			10.00		74	67	69	79	7	VR	29.05	29.98	13	BKN	085	10.00		69	52	59	55	7	VR	28.74	29.68
16	OVC	060	10.00	-RA	74	64	68	71	7	VR	29.04	29.97	16	FEW	095	10.00		73	47	58	40	11	26	28.70	29.63
19	FEW	038	10.00		71	63	66	76	0	00	29.05	29.99	19	OVC	070	10.00		62	47	54	58	13	28	28.79	29.74
22	FEW	055	10.00		64	61	62	90	0	00	29.12	30.06	22	CLR	NC	10.00		56	43	49	62	7	25	28.90	29.85
SUNRISE: 0604 APR 15					SUNSET: 1910					SUNRISE: 0557 APR 21					SUNSET: 1915										
01	BKN	044	10.00		63	60	61	90	0	00	29.10	30.04	01	CLR	NC	10.00		51	45	48	80	0	00	28.94	29.90
04	OVC	070	8.00	-RA	62	60	61	93	0	00	29.07	30.01	04	CLR	NC	10.00		49	44	47	83	0	00	28.95	29.90
07	OVC	055	2.50	RA BR	61	60	60	97	0	00	29.10	30.06	07	CLR	NC	10.00		48	43	46	83	3	25	29.00	29.96
10	OVC	030	2.50	-RA BR	63	61	62	93	5	VR	29.14	30.10	10	CLR	NC	10.00		61	35	49	38	8	29	29.03	29.98
13	OVC	017	10.00		66	60	62	81	6	VR	29.14	30.10	13	CLR	NC	10.00		66	27	48	23	10	28	29.01	29.96
16	OVC	060	10.00		68	61	64	78	5	VR	29.12	30.06	16	CLR	NC	10.00		68	26	49	21	7	28	28.95	29.91
19	OVC	022	10.00		66	58	61	75	6	07	29.13	30.09	19	CLR	NC	10.00		64	29	48	27	5	VR	28.93	29.90
22	OVC	021	10.00		63	55	58	76	6	06	29.19	30.15	22	CLR	NC	10.00		54	38	46	55	3	25	28.97	29.93
SUNRISE: 0603 APR 16					SUNSET: 1910					SUNRISE: 0555 APR 22					SUNSET: 1915										
01	OVC	033	10.00		61	54	57	78	3	07	29.19	30.15	01	SCT	120	10.00		49	38	44	66	3	23	28.97	29.93
04	OVC	035	10.00		60	53	56	78	0	00	29.19	30.15	04	FEW	075	10.00		48	39	44	71	0	00	28.96	29.92
07	OVC	060	10.00		59	54	56	83	3	07	29.23	30.19	07	CLR	NC	10.00		51	39	45	64	0	00	28.96	29.92
10	OVC	055	10.00		63	53	57	70	5	07	29.24	30.20	10	SCT	110	10.00		64	41	52	43	5	VR	28.96	29.92
13	BKN	039	10.00		63	58	60	84	3	VR	29.24	30.20	13	BKN	110	10.00		73	43	57	34	13	25	28.90	29.85
16	BKN	039	10.00		64	58	60	81	0	00	29.20	30.17	16	SCT	090	10.00		73	45	58	37	13	25	28.88	29.84
19	OVC	110	10.00		64	57	60	78	5	24	29.19	30.15	19	OVC	075	10.00		68	48	57	49	10	27	28.91	29.86
22	OVC	015	10.00		61	57	59	87	0	00	29.20	30.17	22	CLR	NC	10.00		61	41	51	48	3	VR	28.96	29.91
SUNRISE: 0602 APR 17					SUNSET: 1911					SUNRISE: 0554 APR 23					SUNSET: 1916										
01	OVC	009	10.00		61	57	59	87	0	00	29.18	30.15	01	CLR	NC	10.00		54	31	44	42	7	35	29.02	29.97
04	OVC	006	10.00		60	57	58	90	0	00	29.18	30.14	04	SCT	110	10.00		46	32	40	58	0	00	29.06	30.02
07	OVC	013	10.00		60	57	58	90	0	00	29.19	30.16	07	SCT	120	10.00		46	35	41	66	0	00	29.12	30.08
10	OVC	014	10.00		64	57	60	78	0	00	29.19	30.15	10	CLR	NC	10.00		58	24	44	27	5	VR	29.13	30.08
13	OVC	024	10.00		70	58	63	66	6	18	29.13	30.08	13	CLR	NC	10.00		64	21	46	19	0	00	29.07	30.03
16	CLR	NC	10.00		72	58	64	61	5	14	29.07	30.02	16	CLR	NC	10.00		68	21	48	17	8	29	29.01	29.98
19	CLR	NC	10.00		70	60	64	71	0	00	29.05	29.99	19	CLR	NC	10.00		62	21	45	21	6	28	29.03	30.00
22	CLR	NC	10.00		64	60	62	87	0	00	29.08	30.03	22	CLR	NC	10.00		54	28	43	37	3	32	29.10	30.07
SUNRISE: 0600 APR 18					SUNSET: 1912					SUNRISE: 0553 APR 24					SUNSET: 1917										
01	SCT	100	10.00		61	58	59	90	0	00	29.07	30.02	01	CLR	NC	10.00		43	34	39	71	0	00	29.13	30.10
04	VV	002	0.25	FG	58	57	57	97	0	00	29.05	30.00	04	CLR	NC	10.00		40	35	38	83	0	00	29.13	30.10
07	VV	002	0.25	FG	58	57	57	97	0	00	29.08	30.03	07	CLR	NC	10.00		41	34	38	76	3	08	29.14	30.13
10	CLR	NC	10.00		69	60	64	73	7	06	29.05	29.99	10	CLR	NC	10.00		58	27	44	31	0	00	29.17	30.14
13	CLR	NC	10.00		77	56	64	48	0	00	29.02	29.96	13	CLR	NC	10.00		65	26	47	23	3	VR	29.10	30.08
16	OVC	075	10.00		80	55	65	42	0	00	28.95	29.88	16	CLR	NC	10.00		67	27	49	22	3	VR	29.03	30.00
19	OVC	070	10.00		73	61	66	66	3	VR	28.97	29.91	19	CLR	NC	10.00		64	31	49	29	3	19	29.02	29.99
22	OVC	060	10.00		69	63	65	81	3	22	29.00	29.93	22	CLR	NC	10.00		57	41	49	55	0	00	28.99	29.96

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

APRIL 2015

KOQT

WBAN # 53868

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0552 APR 25 SUNSET: 1918												
01	OVC	070	10.00		57	42	49	58	0	00	28.95	29.91
04	BKN	110	10.00		54	46	50	75	5	26	28.89	29.84
07	OVC	017	10.00		53	51	52	93	0	00	28.88	29.84
10	OVC	018	10.00		56	52	54	87	0	00	28.82	29.78
13	OVC	011	9.00		62	56	59	80	6	VR	28.74	29.69
16	CLR	NC	10.00		70	60	64	71	5	VR	28.64	29.58
19	CLR	NC	10.00		74	62	66	67	6	20	28.58	29.51
22	OVC	030	10.00		69	63	65	81	6	22	28.58	29.52
SUNRISE: 0550 APR 26 SUNSET: 1919												
01	BKN	110	10.00		62	59	60	90	3	VR	28.63	29.57
04	SCT	110	10.00		59	57	58	93	0	00	28.65	29.58
07	OVC	100	10.00	-RA	60	58	59	93	0	00	28.69	29.62
10	OVC	065	10.00		66	58	61	75	6	20	28.74	29.67
13	OVC	024	10.00		63	52	57	68	5	32	28.77	29.72
16	OVC	035	10.00		59	48	53	67	7	34	28.80	29.76
19	BKN	041	10.00		58	46	52	65	0	00	28.87	29.82
22	FEW	050	10.00		52	47	49	83	3	22	28.90	29.85
SUNRISE: 0549 APR 27 SUNSET: 1920												
01	CLR	NC	7.00		47	44	46	90	0	00	28.89	29.86
04	CLR	NC	8.00		43	42	43	97	0	00	28.91	29.89
07	CLR	NC	10.00		45	41	43	86	0	00	28.97	29.94
10	CLR	NC	10.00		59	34	47	39	3	VR	29.01	29.98
13	CLR	NC	10.00		64	34	50	33			28.96	29.93
16	CLR	NC	10.00		67	35	51	31	5	VR	28.95	29.91
19	CLR	NC	10.00		64	36	50	35	0	00	28.95	29.92
22	CLR	NC	10.00		52	37	45	57	0	00	29.01	29.98
SUNRISE: 0548 APR 28 SUNSET: 1921												
01	CLR	NC	10.00		46	39	43	77	0	00	29.01	29.98
04	CLR	NC	10.00		43	39	41	86	0	00	29.00	29.97
07	CLR	NC	10.00		47	40	44	77	3	VR	29.05	30.01
10	CLR	NC	10.00		60	41	50	50	5	VR	29.05	30.01
13	CLR	NC	10.00		67	38	52	35	5	VR	28.98	29.95
16	CLR	NC	10.00		69	37	53	31	6	09	28.93	29.89
19	CLR	NC	10.00		64	41	52	43	0	00	28.92	29.88
22	CLR	NC	10.00		57	46	51	67	0	00	28.93	29.89
SUNRISE: 0547 APR 29 SUNSET: 1921												
01	CLR	NC	10.00		50	45	48	83	0	00	28.89	29.85
04	CLR	NC	10.00		47	43	45	86	0	00	28.86	29.82
07	CLR	NC	10.00		49	43	46	80	0	00	28.86	29.83
10	CLR	NC	10.00		62	40	51	44	0	00	28.87	29.83
13	BKN	120	10.00		65	44	54	47	3	VR	28.83	29.79
16	BKN	090	10.00		71	43	56	36	3	10	28.77	29.73
19	FEW	090	10.00		67	49	57	53	0	00	28.78	29.74
22	OVC	085	10.00		58	50	54	75	0	00	28.83	29.79
SUNRISE: 0546 APR 30 SUNSET: 1922												
01	BKN	085	10.00		51	48	49	89	0	00	28.83	29.79
04	FEW	075	10.00		49	46	47	90	0	00	28.81	29.76
07	OVC	075	10.00		50	45	48	83	0	00	28.84	29.80
10	FEW	065	10.00		67	45	55	45	0	00	28.85	29.80
13	BKN	095	10.00		67	40	53	37	9	33	28.83	29.79
16	OVC	070	3.00	-RA	55	50	52	83	3	VR	28.87	29.84
19	FEW	110	10.00		56	49	52	77	0	00	28.89	29.85
22	OVC	095	10.00		49	41	45	74	0	00	28.99	29.95

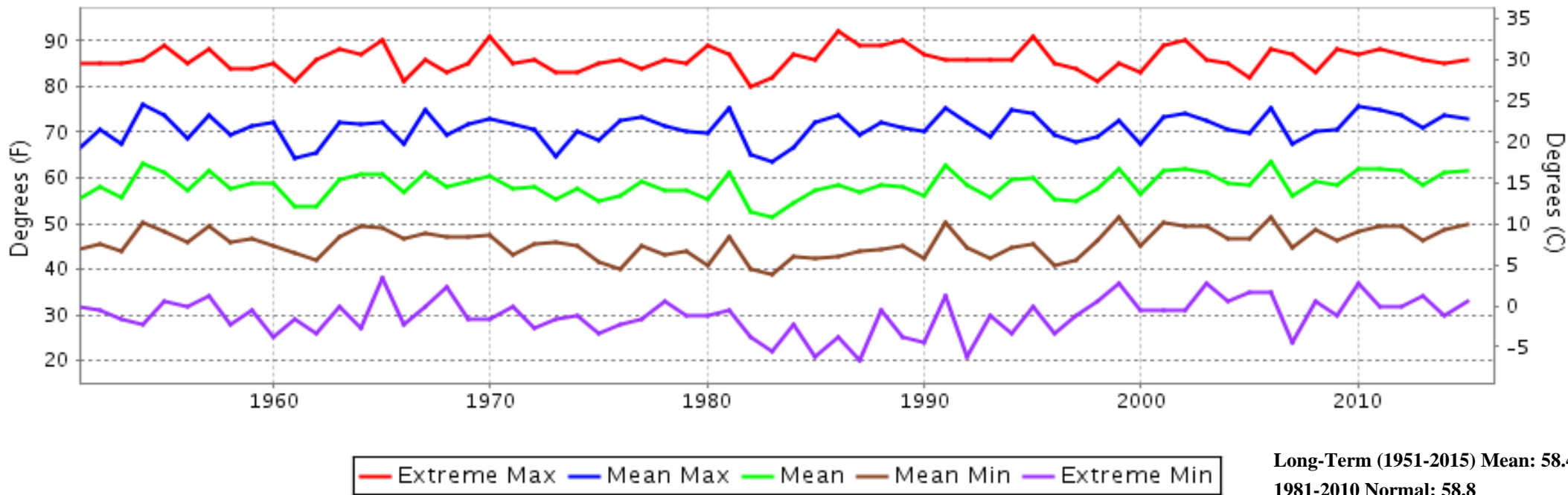
HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL

3-HOURLY OBSERVATION NOTES
 Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, W = Vertical Visibility = 8/8
 Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.
 & = Original observation contained additional weather elements.
 See page 3 for additional notes.

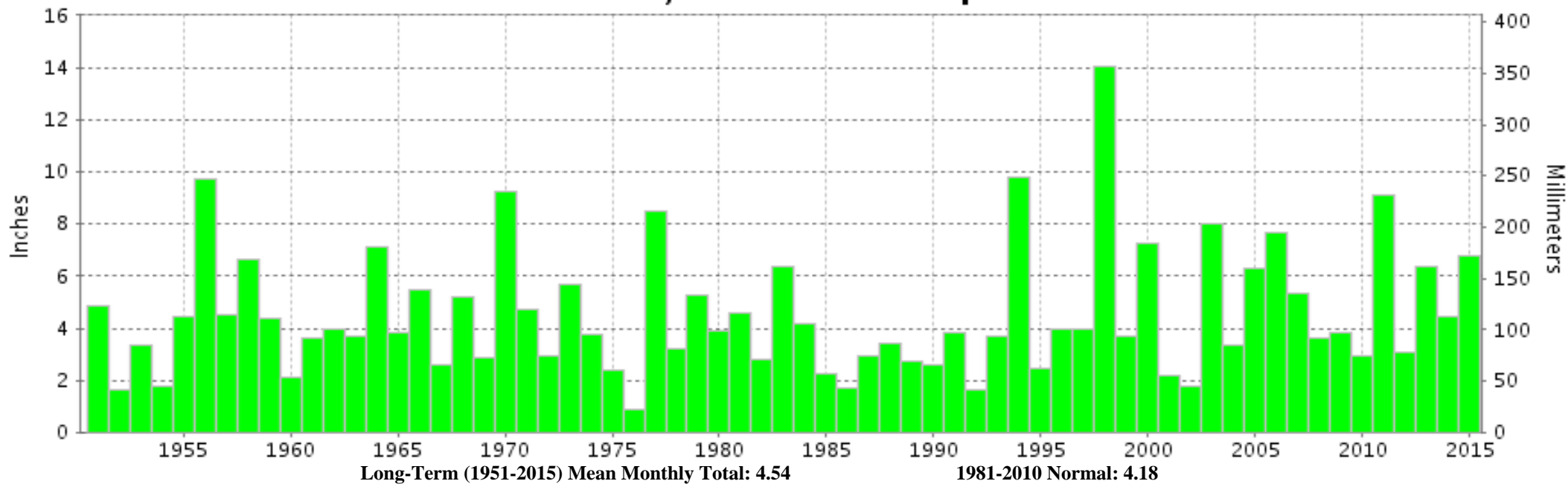
SUMMARY BY HOUR

HOUR (LST)	AVERAGES								RESULTANT WIND (MPH)	
	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
					STATION	SEA LEVEL				
01	56	48	52	77	29.05	30.01	9.29	2	1	18
02	55	48	52	78	29.04	29.99	9.11	1	2	20
03	55	48	51	79	29.04	29.99	8.84	1	2	22
04	54	48	51	81	29.04	29.99	9.05	1	2	22
05	53	48	50	83	29.04	30.00	8.52	1	2	22
06	53	48	50	84	29.06	30.01	8.20	1	2	20
07	53	48	51	83	29.07	30.03	8.07	1	2	19
08	56	49	53	78	29.08	30.04	8.64	2	1	17
09	59	48	54	68	29.08	30.04	8.72	3	2	13
10	63	48	55	61	29.08	30.04	9.17	3	2	20
11	65	47	56	57	29.08	30.04	9.57	4	2	24
12	67	47	57	54	29.06	30.02	9.73	5	2	24
13	68	48	58	52	29.05	30.00	9.73	6	3	25
14	70	47	58	49	29.03	29.99	9.93	6	1	21
15	70	47	58	48	29.02	29.97	9.97	6	2	25
16	70	47	58	50	29.01	29.96	9.45	6	3	26
17	69	47	58	51	29.00	29.96	9.73	6	2	25
18	69	47	58	52	29.00	29.96	9.73	5	1	24
19	67	48	57	55	29.01	29.96	9.62	4	3	25
20	64	49	56	62	29.03	29.98	9.18	2	5	25
21	61	49	55	67	29.04	30.00	9.73	2	2	23
22	60	49	54	71	29.05	30.00	9.35	2	2	24
23	58	49	53	74	29.05	30.01	9.37	2	3	24
24	57	49	53	78	29.05	30.01	9.63	1	2	22

OAK RIDGE, TN APRIL Temperatures



OAK RIDGE, TN APRIL Precipitation





APRIL 2015
OAK RIDGE, TN

LOCAL CLIMATOLOGICAL DATA

NOAA, National Centers for Environmental Information

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 Centers for Environmental Information (NCEI), Asheville, North Carolina 28801.

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

DIRECTOR

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We welcome your questions or comments, please contact us at:
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