



NOVEMBER 2014 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	42	37	40	-12	30	35	25	0	RA			T	29.14	30.18	4.0	34	6.4	24	32	14	32	01		
02	53	28	41	-11	25	34	24	0				0.00	29.41	30.44	1.2	07	2.4	18	06	12	06	02		
03	64	30	47	-5	32	39	18	0	BR			0.00	29.42	30.43	0.2	12	1.0	11	19	8	21	03		
04	70	39	55	4	35	44	10	0				0.00	29.32	30.30	1.7	25	2.6	16	22	9	23	04		
05	58	49	54	3	46	50	11	0	RA BR			0.22	29.25	30.22	0.2	17	0.4	7	24	5	09	05		
06	67	47	57	6	45	51	8	0	RA BR			0.26	29.05	30.03	3.0	25	6.8	33*	26	20	26	06		
07	51	36	44	-6	34	40	21	0	RA			T	29.16	30.15	1.1	35	2.7	18	01	13	35	07		
08	59	34	47	-3	37	42	18	0	FG+ FG BR			0.00	29.04	30.03	0.5	25	1.3	14	27	10	27	08		
09	62	34	48	-2	38	42	17	0	FG+ BR			0.00	29.04	30.03	0.1	13	0.5	8	14	6	14	09		
10	68	37	53	4	39	44	12	0	FG+ FG BR			0.00	29.05	30.04	1.0	22	1.6	12	27	8	27	10		
11	71	38	55	6	44	49	10	0				0.00	29.02	29.99	1.8	22	2.8	19	21	13	20	11		
12	61	40	51	2	39	43	14	0	RA			T	29.14	30.15	1.3	07	3.3	14	07	10	07	12		
13	40	31	36	-12	27	33	29	0	RA SN			T	29.23	30.26	1.9	34	3.3	18	33	12	34	13		
14	37	25	31	-17	13	24	34	0				0.00	29.34	30.38	1.8	03	4.5	17	09	10	08	14		
15	46	23	35	-13	20	28	30	0				0.00	29.36	30.39	1.0	06	1.8	16	07	9	08	15		
16	41	34	38	-10	34	37	27	0	RA BR			0.46	29.20	30.17	0.2	16	0.6	9	13	7	08	16		
17	46	26	36	-11	30	35	29	0	RA SN BR			0.84	28.92	29.95	2.2	28	3.2	19	27	13	27	17		
18	33	20	27*	-20	8	22	38	0	SN			T	29.28	30.34	3.7	26	5.1	21	27	14	27	18		
19	46	17*	32	-15	17	27	33	0				0.00	29.31	30.33	2.3	22	3.7	23	22	15	21	19		
20	54	31	43	-3	24	35	22	0				0.00	29.20	30.22	2.0	25	3.9	22	21	15	28	20		
21	52	28	40	-6	20	31	25	0				0.00	29.41	30.45	0.5	07	1.6	13	07	9	07	21		
22	63	27	45	-1	28	36	20	0				0.00	29.39	30.38	1.0	25	1.2	17	26	9	26	22		
23	62	42	52	7	45	48	13	0	RA BR			0.39	28.94	29.87	1.1	19	2.5	25	19	17	21	23		
24	71*	50	61*	16	47	54	4	0				0.00	28.74	29.74	7.6	22	9.2	32	21	20*	21	24		
25	59	35	47	2	31	41	18	0				0.00	29.10	30.10	0.3	17	0.5	11	19	7	20	25		
26	54	40	47	3	28	39	18	0	RA			0.01	29.07	30.05	1.2	22	2.6	20	19	12	21	26		
27	42	33	38	-6	29	34	27	0	RA BR			0.18	29.23	30.29	2.2	27	4.2	21	27	13	26	27		
28	44	25	35	-9	20	29	30	0				0.00	29.38	30.40	0.8	22	1.8	9	18	7	19	28		
29	51	30	41	-3	27	35	24	0				0.00	29.21	30.22	2.5	23	3.6	13	23	8	26	29		
30	63	49	56	13	44	50	9	0				0.00	29.21	30.22	2.5	22	4.4	22	22	15	20	30		

54.3	33.8	44.1	☼	31.2	38.4	20.6	0.0	< MONTHLY AVERAGES TOTALS >				2.36	29.18	30.19	0.9	25	3.0	< MONTHLY AVERAGES			
-5.3	-4.5	-4.8		-----DEPARTURE FROM NORMAL ----->				-2.13	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3												

DEGREE DAYS				GREATEST 24-HR PRECIPITATION : 1.29 DATE : 16-17				SEA LEVEL PRESSURE							
MONTHLY		SEASON TO DATE		GREATEST 24-HR SNOWFALL :				MAXIMUM :		DATE		TIME			
TOTAL DEPARTURE		TOTAL DEPARTURE		GREATEST SNOW DEPTH :				MINIMUM :		22		0753			
HEATING :	618	135	783	80	NUMBER OF ->				MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 13		PRECIPITATION >= 0.01 INCH: 7		
COOLING :	0	-2	1603	121	DAYS WITH				MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH: 6		
								THUNDERSTORMS : 0		HEAVY FOG : 3		SNOWFALL >= 1.0 INCH :			

NOVEMBER 2014
OAK RIDGE, TN

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

OAK RIDGE, TN (KOQT)
NOVEMBER 2014

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	T	T											01												01	T	T		
02													02												02	0.00	0.00		
03													03												03	0.00	0.00		
04													04												04	0.00	0.00		
05											0.03		05	0.04	0.01	T	0.01	0.03	0.02	T	T	T	0.02	0.01	0.05	05	0.22	0.22	
06	0.08	0.15	0.02	0.01									06											T	06	0.26	0.26		
07	T												07												07	T	T		
08													08												08	0.00	0.00		
09													09												09	0.00	0.00		
10													10												10	0.00	0.00		
11													11												11	0.00	0.00		
12		T	T										12												12	T	T		
13													13	T	T	T									13	T	T		
14													14												14	0.00	0.00		
15													15												15	0.00	0.00		
16													16	0.06	0.08	0.06	0.04	T	0.01	0.01	T	0.01	0.01	T	0.10	16	0.46	0.46	
17	0.11	0.04	0.01	0.11	0.23	0.14	0.12	0.07	0.03	0.02	0.02	0.01	17										T		17	0.84	0.84		
18					T	T							18												18	T	T		
19													19												19	0.00	0.00		
20													20												20	0.00	0.00		
21													21												21	0.00	0.00		
22													22												22	0.00	0.00		
23										T	T	0.01	23	0.06	0.01	T	0.04	0.03	0.12	0.10	0.02		T	T	23	0.39	0.39		
24													24												24	0.00	0.00		
25													25												25	0.00	0.00		
26													26											T	T	0.01	26	0.01	0.01
27	0.15	0.03	T	T					T	T	T	T	27												27	0.18	0.18		
28													28												28	0.00	0.00		
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)	0.07	0.09	0.12	0.15	0.18	0.22	0.25	0.30	0.36	0.41	0.47	0.57
Ending Date	06	06	17	17	17	17	17	17	17	17	17	17
Ending Time (Hr/Min)	0115	0117	0457	0459	0508	0520	0532	0557	0619	0629	0629	0629

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 NOVEMBER 2014

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	10.00	10.00
03	2.50	10.00
04	10.00	10.00
05	2.00	10.00
06	1.75	10.00
07	10.00	10.00
08	0.25	10.00
09	0.00	10.00
10	0.25	10.00
11	9.00	10.00
12	10.00	10.00
13	7.00	10.00
14	10.00	10.00
15	10.00	10.00
16	2.00	10.00
17	1.25	10.00
18	10.00	10.00
19	10.00	10.00
20	10.00	10.00
21	10.00	10.00
22	10.00	10.00
23	4.00	10.00
24	10.00	10.00
25	10.00	10.00
26	7.00	10.00
27	5.00	10.00
28	10.00	10.00
29	10.00	10.00
30	10.00	10.00
AVGS	7.07	10.00
MINIMUM VISIBILITY (MILES)		
	<= .25	<= 3.0 >= 7.0
	3	8 20

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN NOVEMBER 2014 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: 0659 NOV 01					SUNSET: 1742					SUNRISE: 0705 NOV 07					SUNSET: 1736										
01	BKN	039	10.00		39	30	35	70	5	VR	29.00	29.98	01	OVC	032	10.00		47	33	41	59	5	VR	29.16	30.13
04	OVC	041	10.00		38	31	35	76	0	00	29.00	29.99	04	SCT	036	10.00		43	31	38	63	0	00	29.16	30.14
07	OVC	055	10.00		38	30	35	73	7	34	29.09	30.09	07	OVC	029	10.00		43	32	38	65	5	01	29.19	30.19
10	OVC	060	10.00		40	28	35	63	10	33	29.15	30.15	10	OVC	027	10.00		45	33	40	63	3	VR	29.21	30.21
13	OVC	025	10.00		40	31	36	70	7	VR	29.19	30.20	13	BKN	029	10.00		47	34	41	61	0	00	29.18	30.17
16	OVC	017	10.00		40	32	37	73	7	VR	29.24	30.25	16	CLR	NC	10.00		51	35	44	54	0	00	29.13	30.12
19	OVC	021	10.00		40	31	36	70	9	34	29.31	30.32	19	CLR	NC	10.00		44	36	40	73	0	00	29.12	30.11
22	OVC	040	10.00		39	28	35	65	5	VR	29.36	30.37	22	CLR	NC	10.00		38	35	37	89	0	00	29.12	30.11
SUNRISE: 0700 NOV 02					SUNSET: 1741					SUNRISE: 0706 NOV 08					SUNSET: 1735										
01	CLR	NC	10.00		37	25	32	62	3	VR	29.35	30.36	01	OVC	002	4.00	BR	35	33	34	93	0	00	29.10	30.11
04	CLR	NC	10.00		31	26	29	82	0	00	29.36	30.38	04	VV	002	0.75	BR	36	35	36	97	0	00	29.07	30.06
07	CLR	NC	10.00		28	24	27	85	0	00	29.43	30.46	07	VV	002	0.25	FG	36	35	36	97	0	00	29.08	30.08
10	CLR	NC	10.00		41	25	35	53	7	05	29.49	30.50	10	CLR	NC	10.00		43	38	41	82	0	00	29.06	30.06
13	CLR	NC	10.00		49	23	39	36	7	07	29.44	30.45	13	CLR	NC	10.00		57	37	47	47	3	VR	29.00	29.99
16	CLR	NC	10.00		52	21	40	30	7	09	29.41	30.42	16	CLR	NC	10.00		58	36	47	44	3	VR	28.98	29.96
19	CLR	NC	10.00		40	29	36	65	0	00	29.43	30.45	19	CLR	NC	10.00		53	40	47	61	0	00	29.00	29.98
22	CLR	NC	10.00		34	29	32	82	0	00	29.45	30.47	22	CLR	NC	10.00		45	40	43	83	0	00	29.06	30.05
SUNRISE: 0701 NOV 03					SUNSET: 1740					SUNRISE: 0707 NOV 09					SUNSET: 1734										
01	CLR	NC	10.00		32	29	31	88	0	00	29.43	30.44	01	CLR	NC	10.00		40	37	39	89	0	00	29.05	30.03
04	CLR	NC	10.00		31	28	30	89	3	09	29.44	30.45	04	CLR	NC	10.00		37	35	36	93	0	00	29.03	30.01
07	BKN	100	10.00		35	33	34	93	3	08	29.48	30.49	07	BKN	008	10.00		35	33	34	93	0	00	29.09	30.08
10	CLR	NC	10.00		45	34	40	66	5	09	29.49	30.52	10	CLR	NC	10.00		48	41	45	77	5	08	29.10	30.08
13	CLR	NC	10.00		57	30	45	36	0	00	29.44	30.44	13	CLR	NC	10.00		58	40	49	51	0	00	29.04	30.02
16	CLR	NC	10.00		64	29	48	27	3	VR	29.38	30.37	16	CLR	NC	10.00		62	40	51	44	0	00	29.00	29.97
19	CLR	NC	10.00		51	37	45	59	0	00	29.38	30.38	19	CLR	NC	10.00		49	42	46	77	0	00	29.01	30.00
22	CLR	NC	10.00		44	37	41	76	0	00	29.39	30.39	22	CLR	NC	9.00		42	39	41	89	0	00	29.05	30.04
SUNRISE: 0702 NOV 04					SUNSET: 1739					SUNRISE: 0708 NOV 10					SUNSET: 1733										
01	CLR	NC	10.00		43	35	40	74	0	00	29.38	30.37	01	CLR	NC	7.00		38	36	37	93	0	00	29.08	30.06
04	CLR	NC	10.00		40	36	38	86	0	00	29.37	30.35	04	VV	002	0.25	FG	38	38	38	100	0	00	29.06	30.04
07	CLR	NC	10.00		39	36	38	89	0	00	29.38	30.38	07	VV	002	0.25	FG	38	37	38	97	0	00	29.10	30.09
10	CLR	NC	10.00		51	38	45	61	3	VR	29.38	30.37	10	BKN	002	3.00	BR	42	41	42	96	0	00	29.13	30.13
13	CLR	NC	10.00		63	36	50	37	6	26	29.30	30.28	13	CLR	NC	10.00		63	41	52	45	5	24	29.06	30.03
16	CLR	NC	10.00		70	29	51	22	6	VR	29.23	30.21	16	CLR	NC	10.00		67	38	52	35	5	26	29.00	29.97
19	CLR	NC	10.00		60	31	47	33	3	21	29.24	30.22	19	CLR	NC	10.00		53	42	48	66	0	00	29.01	30.00
22	CLR	NC	10.00		53	36	45	52	3	21	29.26	30.24	22	CLR	NC	10.00		47	41	44	80	3	20	29.03	30.01
SUNRISE: 0703 NOV 05					SUNSET: 1738					SUNRISE: 0709 NOV 11					SUNSET: 1733										
01	CLR	NC	10.00		51	38	45	61	0	00	29.27	30.25	01	CLR	NC	10.00		46	39	43	77	5	22	29.02	29.99
04	SCT	048	10.00		50	40	45	68	0	00	29.26	30.22	04	CLR	NC	10.00		42	38	40	85	0	00	29.05	30.01
07	BKN	065	10.00		50	42	46	74	0	00	29.27	30.25	07	CLR	NC	10.00		38	36	37	93	0	00	29.09	30.07
10	OVC	050	10.00		57	43	50	60	0	00	29.29	30.27	10	CLR	NC	10.00		56	43	49	62	6	VR	29.08	30.06
13	OVC	021	5.00	-RA BR	53	50	51	89	0	00	29.27	30.25	13	CLR	NC	10.00		67	44	55	44	10	20	29.01	29.97
16	OVC	025	6.00	BR	53	51	52	93	0	00	29.22	30.21	16	CLR	NC	10.00		69	47	57	45	7	21	28.97	29.94
19	OVC	028	4.00	BR	53	51	52	93	0	00	29.21	30.20	19	BKN	055	10.00		61	49	54	65	0	00	28.99	29.96
22	OVC	023	3.00	-RA BR	53	51	52	93	0	00	29.18	30.16	22	OVC	042	10.00		61	49	55	65	0	00	29.01	29.96
SUNRISE: 0704 NOV 06					SUNSET: 1737					SUNRISE: 0710 NOV 12					SUNSET: 1732										
01	OVC	025	1.75	RA BR	54	53	53	97	5	14	29.10	30.08	01	OVC	035	10.00		61	49	55	65	0	00	29.02	29.96
04	OVC	005	7.00		57	56	56	96	3	VR	29.07	30.04	04	OVC	070	10.00		54	47	50	77	3	VR	29.07	30.02
07	OVC	006	10.00		58	56	57	93	3	VR	29.07	30.03	07	OVC	024	10.00		47	40	44	77	3	VR	29.14	30.12
10	FEW	025	10.00		61	51	55	70	6	VR	29.06	30.02	10	OVC	019	10.00		46	38	42	73	6	VR	29.19	30.17
13	BKN	060	10.00		66	47	56	50	8	22	28.95	29.91	13	OVC	030	10.00		48	37	43	66	6	VR	29.19	30.17
16	SCT	070	10.00		61	34	48	36	20	26	29.01	29.97	16	OVC	026	10.00		45	35	41	68	6	06	29.18	30.17
19	OVC	055	10.00		52	30	42	43	5	VR	29.10	30.07	19	OVC	023	10.00		41	35	38	79	3	05	29.21	30.22
22	OVC	040	10.00		50	35	43	57	3	VR	29.13	30.10	22	OVC	018	10.00		40	33	37	77	0	00	29.23	30.23

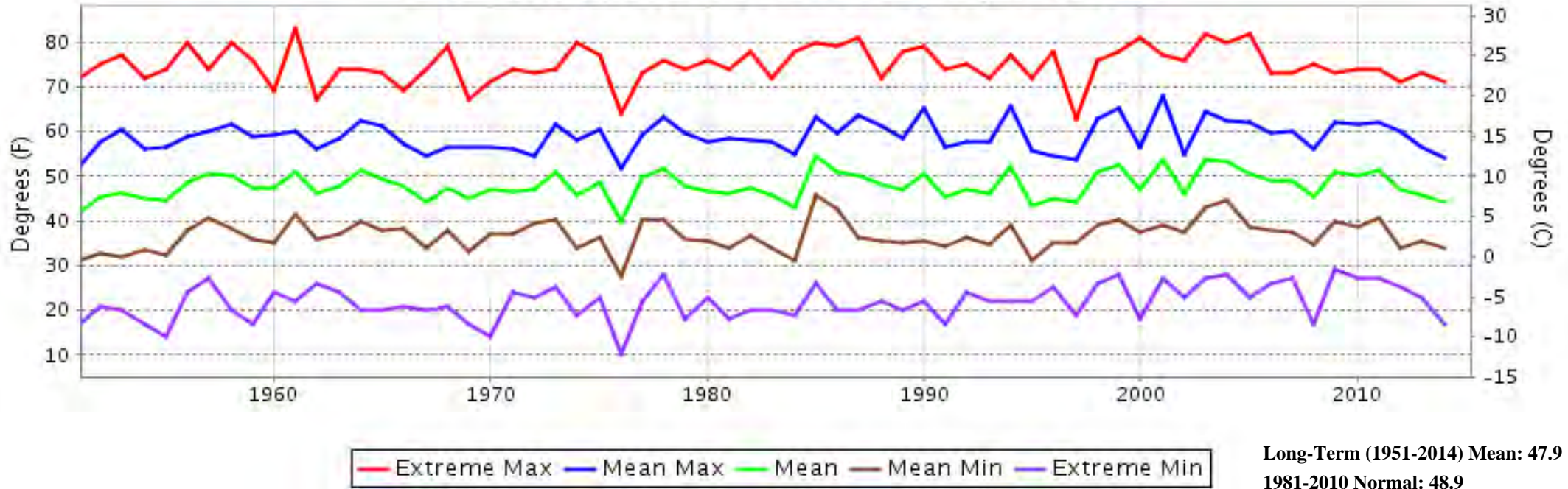
OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN
NOVEMBER 2014 KOQT

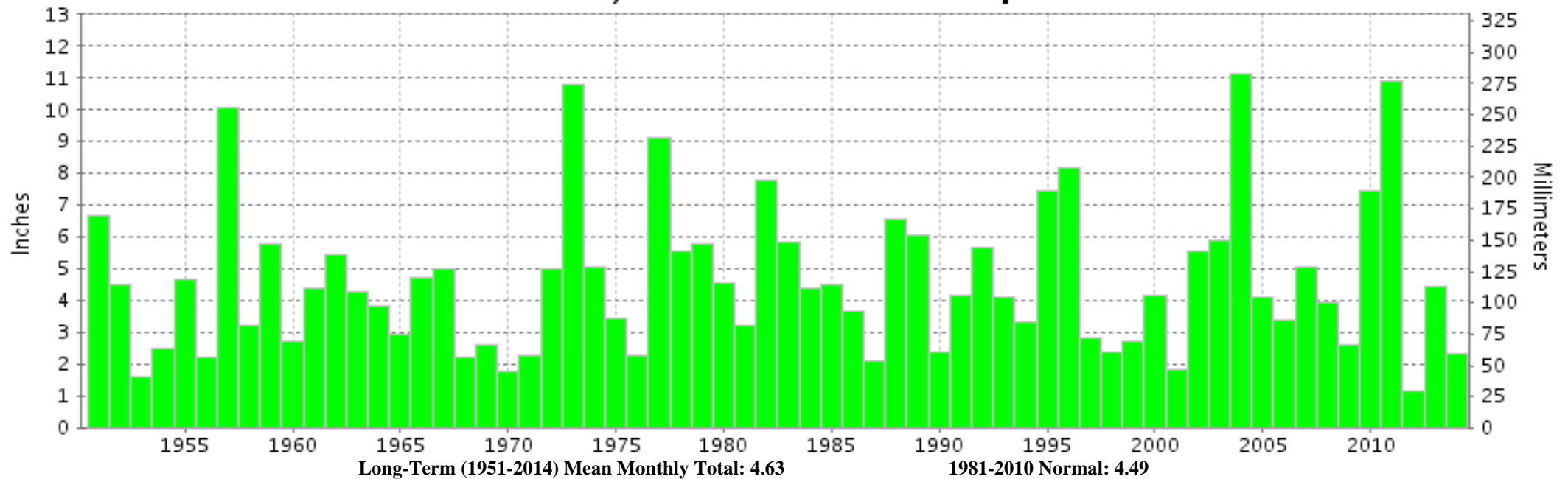
WBAN # 53868

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: 0711 NOV 13					SUNSET: 1731					SUNRISE: 0717 NOV 19					SUNSET: 1727										
01	OVC	014	10.00		39	33	36	79	0	00	29.21	30.21	01	CLR	NC	10.00		19	12	17	74	0	00	29.38	30.42
04	OVC	016	10.00		39	33	36	79	0	00	29.20	30.20	04	CLR	NC	10.00		19	13	17	77	0	00	29.39	30.43
07	OVC	020	10.00		38	30	35	73	0	00	29.23	30.24	07	CLR	NC	10.00		18	13	17	81	3	21	29.40	30.45
10	OVC	020	10.00		39	30	35	70	0	00	29.25	30.26	10	CLR	NC	10.00		28	13	23	53	5	25	29.38	30.42
13	OVC	024	10.00		38	29	34	70	5	33	29.22	30.23	13	CLR	NC	10.00		41	18	33	39	6	VR	29.27	30.30
16	OVC	025	10.00		36	27	33	70	8	01	29.24	30.25	16	CLR	NC	10.00		46	20	36	35	9	21	29.17	30.19
19	BKN	120	10.00		33	20	29	58	6	VR	29.28	30.30	19	CLR	NC	10.00		42	21	34	43	3	VR	29.18	30.21
22	OVC	036	10.00		32	19	28	59	3	VR	29.30	30.32	22	CLR	NC	10.00		37	22	32	54	3	VR	29.21	30.24
SUNRISE: 0712 NOV 14					SUNSET: 1730					SUNRISE: 0718 NOV 20					SUNSET: 1727										
01	OVC	036	10.00		29	14	24	54	7	VR	29.30	30.32	01	OVC	060	10.00		40	22	33	49	0	00	29.21	30.22
04	CLR	NC	10.00		25	12	21	58	3	36	29.31	30.34	04	BKN	065	10.00		39	24	33	55	0	00	29.19	30.19
07	BKN	041	10.00		26	14	22	60	0	00	29.32	30.36	07	CLR	NC	10.00		33	24	30	70	0	00	29.19	30.20
10	CLR	NC	10.00		30	13	25	49	6	VR	29.36	30.39	10	CLR	NC	10.00		43	27	37	53	8	21	29.22	30.24
13	FEW	042	10.00		35	15	28	44	6	VR	29.35	30.37	13	CLR	NC	10.00		52	28	42	40	7	VR	29.18	30.18
16	CLR	NC	10.00		35	12	28	38	8	07	29.34	30.37	16	CLR	NC	10.00		52	20	39	28	8	26	29.17	30.16
19	CLR	NC	10.00		30	13	25	49	5	VR	29.39	30.43	19	CLR	NC	10.00		45	21	36	39	3	22	29.21	30.22
22	CLR	NC	10.00		27	13	23	55	3	05	29.39	30.42	22	CLR	NC	10.00		38	23	32	55	0	00	29.28	30.28
SUNRISE: 0713 NOV 15					SUNSET: 1730					SUNRISE: 0719 NOV 21					SUNSET: 1726										
01	CLR	NC	10.00		25	16	22	69	3	VR	29.39	30.43	01	CLR	NC	10.00		36	22	31	57	0	00	29.32	30.32
04	CLR	NC	10.00		24	16	22	71	3	07	29.40	30.44	04	CLR	NC	10.00		29	23	27	78	0	00	29.38	30.38
07	CLR	NC	10.00		24	16	22	71	5	05	29.41	30.45	07	CLR	NC	10.00		29	23	27	78	0	00	29.44	30.45
10	CLR	NC	10.00		32	16	27	52	7	VR	29.45	30.49	10	CLR	NC	10.00		37	19	31	48	7	07	29.49	30.51
13	CLR	NC	10.00		41	17	33	38	0	00	29.37	30.40	13	CLR	NC	10.00		47	16	36	29	6	VR	29.48	30.48
16	CLR	NC	10.00		46	21	36	37	3	VR	29.29	30.31	16	CLR	NC	10.00		51	12	37	21	3	VR	29.44	30.45
19	BKN	070	10.00		37	24	32	59	0	00	29.29	30.32	19	CLR	NC	10.00		38	19	31	46	0	00	29.45	30.48
22	CLR	NC	10.00		32	25	29	75	0	00	29.29	30.32	22	CLR	NC	10.00		32	23	29	69	0	00	29.47	30.49
SUNRISE: 0714 NOV 16					SUNSET: 1729					SUNRISE: 0720 NOV 22					SUNSET: 1726										
01	OVC	060	10.00		36	26	32	67	0	00	29.28	30.29	01	CLR	NC	10.00		29	24	27	82	0	00	29.47	30.48
04	OVC	050	10.00		38	29	34	70	0	00	29.28	30.28	04	CLR	NC	10.00		28	23	26	81	0	00	29.47	30.48
07	OVC	060	10.00		40	30	36	68	0	00	29.26	30.27	07	CLR	NC	10.00		27	23	26	85	0	00	29.48	30.51
10	OVC	060	6.00	-RA	39	32	36	76	0	00	29.27	30.29	10	CLR	NC	10.00		38	29	34	70	0	00	29.48	30.50
13	OVC	075	2.50	RA BR	40	37	39	89	3	26	29.21	30.22	13	CLR	NC	10.00		56	27	43	33	5	VR	29.37	30.37
16	OVC	007	3.00	-RA BR	40	38	39	93	0	00	29.14	30.14	16	CLR	NC	10.00		62	31	48	31	6	24	29.27	30.27
19	OVC	090	5.00	-RA BR	40	38	39	93	0	00	29.04	30.04	19	CLR	NC	10.00		48	33	41	56	0	00	29.25	30.27
22	OVC	010	3.00	-RA BR	41	39	40	93	0	00	28.98	29.98	22	FEW	038	10.00		44	34	40	68	0	00	29.23	30.24
SUNRISE: 0715 NOV 17					SUNSET: 1728					SUNRISE: 0721 NOV 23					SUNSET: 1725										
01	OVC	009	2.50	-RA BR	42	40	41	92	0	00	28.90	29.90	01	FEW	055	10.00		46	35	41	66	3	25	29.18	30.17
04	OVC	020	2.50	RA BR	42	41	42	96	3	09	28.79	29.79	04	OVC	055	10.00		43	36	40	76	0	00	29.15	30.13
07	OVC	003	4.00	-RA BR	44	43	44	96	0	00	28.76	29.74	07	OVC	060	10.00		46	36	42	68	0	00	29.09	30.08
10	OVC	031	5.00	-RA BR	43	39	41	86	3	23	28.84	29.83	10	OVC	100	10.00		49	39	44	69	0	00	29.03	30.02
13	OVC	080	10.00		40	33	37	77	5	23	28.92	29.92	13	OVC	075	10.00	-RA	50	47	48	89	5	06	28.89	29.87
16	OVC	025	10.00		35	26	32	70	7	27	29.00	30.00	16	OVC	110	6.00	-RA BR	52	51	51	97	0	00	28.74	29.71
19	OVC	036	10.00		32	20	28	61	6	29	29.10	30.11	19	OVC	100	8.00	-RA	54	52	53	93	3	06	28.62	29.58
22	OVC	038	10.00		28	13	23	53	5	32	29.20	30.22	22	OVC	034	10.00		60	55	57	84	9	21	28.62	29.57
SUNRISE: 0716 NOV 18					SUNSET: 1728					SUNRISE: 0722 NOV 24					SUNSET: 1725										
01	OVC	047	10.00		26	13	22	57	3	VR	29.21	30.23	01	OVC	037	10.00		62	56	59	80	9	20	28.65	29.60
04	OVC	048	10.00		25	16	22	69	3	20	29.20	30.23	04	BKN	049	10.00		62	54	57	75	10	20	28.66	29.61
07	OVC	048	10.00		26	14	22	60	6	27	29.26	30.29	07	BKN	042	10.00		62	54	57	75	10	20	28.69	29.64
10	CLR	NC	10.00		25	5	20	42	6	VR	29.34	30.37	10	OVC	055	10.00		65	55	59	70	8	21	28.74	29.68
13	CLR	NC	10.00		31	4	24	31	10	24	29.33	30.37	13	SCT	075	10.00		68	50	58	53	8	23	28.74	29.69
16	CLR	NC	10.00		32	4	24	30	10	26	29.31	30.34	16	CLR	NC	10.00		68	40	53	36	11	25	28.79	29.74
19	CLR	NC	10.00		27	6	21	41	0	00	29.34	30.38	19	FEW	060	10.00		59	42	50	54	3	23	28.90	29.86
22	CLR	NC	10.00		24	8	20	50	0	00	29.37	30.42	22	CLR	NC	10.00		55	34	45	45	5	VR	29.00	29.96

OAK RIDGE, TN NOVEMBER Temperatures



OAK RIDGE, TN NOVEMBER Precipitation





**NOVEMBER 2014
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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