



SEPTEMBER 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	90	65	78	4	66	70	0	13	FG+ BR			0.00	29.15	30.09	0.7	10	1.1	12	08	9	09	01		
02	91	68	80	6	68	72	0	15				0.00	29.13	30.05	0.1	02	0.5	15	34	8	34	02		
03	93	70	82*	8	67	71	0	17				0.00	29.05	29.97	0.3	07	1.2	10	07	6	09	03		
04	93*	68	81	8	67	71	0	16	BR HZ			0.00	29.06	30.00	0.8	07	1.7	12	08	8	07	04		
05	91	69	80	7	67	71	0	15	BR			0.00	29.13	30.07	0.3	05	1.5	10	07	7	09	05		
06	89	67	78	5	67	70	0	13	BR			0.00	29.17	30.10	0.4	36	0.8	14	13	9	13	06		
07	90	67	79	6	66	70	0	14	FG BR			0.00	29.14	30.07	0.1	17	1.0	11	09	9	09	07		
08	89	67	78	6	66	70	0	13	BR			0.00	29.08	30.00	0.8	19	1.2	12	16	9	16	08		
09	79	71	75	3	70	71	0	10	RA BR			0.18	29.00	29.92	0.9	24	1.4	12	29	8	28	09		
10	81	70	76	4	69	70	0	11	RA BR			0.35	28.94	29.87	0.4	17	1.3	11	20	7	22	10		
11	83	65	74	2	65	67	0	9	RA FG BR			0.44	28.93	29.87	0.4	21	1.6	22*	26	16*	28	11		
12	76	59	68	-3	55	60	0	3	RA			T	28.91	29.86	1.3	30	2.9	19	34	12	32	12		
13	72	50	61*	-10	47	53	4	0				0.00	29.08	30.06	0.9	30	2.6	18	32	10	33	13		
14	76	48*	62	-9	50	54	3	0	FG+ FG BR			0.00	29.26	30.25	0.3	17	0.9	11	28	7	09	14		
15	82	51	67	-3	55	59	0	2	FG+ FG BR			0.00	29.35	30.32	0.7	09	1.4	11	08	8	07	15		
16	80	55	68	-2	56	60	0	3	FG+ FG BR			0.00	29.34	30.29	0.7	06	1.2	9	16	7	09	16		
17	83	56	70	0	57	61	0	5	FG+ FG BR			0.00	29.21	30.14	0.4	07	1.0	10	09	7	08	17		
18	85	56	71	1	58	62	0	6	FG+ FG BR			0.00	29.06	30.00	0.1	28	1.1	10	08	8	08	18		
19	87	58	73	4	62	65	0	8	FG+ FG BR			0.00	29.00	29.95	1.1	24	1.6	13	27	9	28	19		
20	81	65	73	4	63	66	0	8				0.00	29.03	29.97	1.0	08	2.2	11	09	7	33	20		
21	81	62	72	4	58	63	0	7				0.00	29.06	30.01	0.4	05	1.1	13	08	9	09	21		
22	84	57	71	3	58	62	0	6				0.00	29.14	30.10	0.8	07	1.6	13	01	8	07	22		
23	86	60	73	5	59	63	0	8				0.00	29.18	30.12	1.1	08	1.7	14	07	9	07	23		
24	84	60	72	5	56	62	0	7				0.00	29.16	30.11	1.0	08	2.4	15	07	10	07	24		
25	70	61	66	-1	59	61	0	1	RA BR			0.41	29.11	30.06	2.2	07	4.1	21	07	14	07	25		
26	79	62	71	4	61	64	0	6	RA			0.14	29.12	30.08	2.0	06	4.1	17	07	12	07	26		
27	84	64	74	8	62	66	0	9	RA			T	29.14	30.08	0.7	05	2.7	15	07	10	06	27		
28	83	67	75	9	67	69	0	10	RA			0.01	29.05	29.98	1.0	06	1.4	12	07	8	07	28		
29	76	66	71	6	68	69	0	6	RA FG+ FG BR			0.68	28.94	29.86	0.2	31	0.8	13	01	9	08	29		
30	79	65	72	7	64	66	0	7	RA FG BR			0.02	28.90	29.85	0.3	05	1.2	17	01	10	35	30		

83.2	62.3	72.8	☼	61.8	65.3	0.2	8.3	< MONTHLY AVERAGES TOTALS >				2.23	29.09	30.04	0.3	07	1.6	< MONTHLY AVERAGES			
1.5	2.6	2.1		<----- DEPARTURE FROM NORMAL ----->					-1.46	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											

DEGREE DAYS				GREATEST 24-HR PRECIPITATION : 0.68 DATE : 29				SEA LEVEL PRESSURE			
MONTHLY				GREATEST 24-HR SNOWFALL :				DATE TIME			
TOTAL DEPARTURE				SEASON TO DATE				MAXIMUM : 30.39 15 0953			
TOTAL DEPARTURE				GREATEST SNOW DEPTH :				MINIMUM : 29.80 29 1553			
HEATING :	7	-14		7	-14			NUMBER OF	MAXIMUM TEMP >= 90 : 6	MINIMUM TEMP <= 32 : 0	PRECIPITATION >= 0.01 INCH: 8
COOLING :	248	56		1744	294			DAYS WITH	MAXIMUM TEMP <= 32 : 0	MINIMUM TEMP <= 0 : 0	PRECIPITATION >= 0.10 INCH: 6
									THUNDERSTORMS : 0	HEAVY FOG : 8	SNOWFALL >= 1.0 INCH :

SEPTEMBER 2015
OAK RIDGE, TN

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

OAK RIDGE, TN (KOQT)
SEPTEMBER 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												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												06	0.00	0.00	
07													07												07	0.00	0.00	
08													08												08	0.00	0.00	
09													09	0.07	0.05										09	0.18	0.18	
10	0.02	T			T	0.04	0.01	0.05	0.13	0.05	0.01	0.05	10												10	0.35	0.35	
11													11												11	0.44	0.44	
12													12												12	T	T	
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												21	0.00	0.00	
22													22												22	0.00	0.00	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25													25	0.11	0.10	0.02	0.01								25	0.41	0.41	
26	T	T	0.04	0.08	0.01	0.01							26												26	0.14	0.14	
27			T										27												27	T	T	
28													28												28	0.01	0.01	
29													29	0.24	0.03	T									29	0.68	0.68	
30													30				0.02								30	0.02	0.02	

* 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)	0.18	0.29	0.33	0.34	0.39	0.41	0.42	0.43	0.44	0.44	0.44	0.44
Ending Date	11	11	11	11	11	11	11	11	11	11	11	11
Ending Time (Hr/Min)	1948	1953	1956	2000	2011	2015	2034	2034	2104	2104	2104	2104

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 SEPTEMBER 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	0.75	10.00
02	7.00	10.00
03	7.00	10.00
04	4.00	10.00
05	5.00	10.00
06	4.00	10.00
07	0.75	10.00
08	2.00	10.00
09	3.00	10.00
10	1.25	10.00
11	0.50	10.00
12	9.00	10.00
13	10.00	10.00
14	0.25	10.00
15	0.25	10.00
16	0.25	10.00
17	0.25	10.00
18	0.25	10.00
19	0.50	10.00
20	10.00	10.00
21	10.00	10.00
22	10.00	10.00
23	10.00	10.00
24	10.00	10.00
25	3.00	10.00
26	8.00	10.00
27	10.00	10.00
28	10.00	10.00
29	0.25	10.00
30	0.50	10.00
AVGS	4.59	10.00
MINIMUM VISIBILITY (MILES)		
	<= .25	<= 3.0 >= 7.0
6	15	12

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN
SEPTEMBER 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: 0608 SEP 01					SUNSET: 1906					SUNRISE: 0613 SEP 07					SUNSET: 1856										
01	CLR	NC	10.00	BR	69	65	66	87	0	00	29.16	30.09	01	CLR	NC	9.00	BR	71	67	68	87	0	00	29.14	30.07
04	CLR	NC	9.00		67	64	65	91	0	00	29.15	30.09	04	BKN	065	7.00		68	66	67	93	0	00	29.15	30.09
07	VV	002	0.75		65	64	64	97	0	00	29.20	30.14	07	OVC	002	1.25		67	66	66	97	0	00	29.19	30.13
10	CLR	NC	10.00		80	67	71	64	0	00	29.21	30.14	10	CLR	NC	10.00		78	67	71	69	3	VR	29.20	30.14
13	CLR	NC	10.00		87	65	72	48	5	09	29.16	30.09	13	CLR	NC	10.00		85	66	72	53	0	00	29.16	30.09
16	CLR	NC	10.00		88	65	73	46	5	14	29.13	30.06	16	BKN	120	10.00		86	64	71	48	0	00	29.09	30.01
19	CLR	NC	10.00		82	68	73	63	0	00	29.13	30.06	19	FEW	120	10.00		82	67	72	60	0	00	29.08	30.01
22	FEW	080	10.00		74	69	71	85	0	00	29.15	30.08	22	CLR	NC	10.00		73	69	70	87	0	00	29.12	30.04
SUNRISE: 0609 SEP 02					SUNSET: 1905					SUNRISE: 0614 SEP 08					SUNSET: 1855										
01	CLR	NC	10.00		71	68	69	90	0	00	29.16	30.09	01	CLR	NC	10.00		71	68	69	90	0	00	29.12	30.04
04	CLR	NC	8.00		69	66	67	90	0	00	29.15	30.08	04	CLR	NC	7.00		68	66	67	93	0	00	29.13	30.05
07	CLR	NC	7.00		69	66	67	90	0	00	29.18	30.11	07	SCT	120	7.00		68	65	66	90	0	00	29.14	30.07
10	CLR	NC	10.00		81	69	73	67	5	09	29.18	30.11	10	CLR	NC	10.00		80	67	71	64	0	00	29.13	30.06
13	FEW	042	10.00		88	68	74	52	0	00	29.13	30.06	13	BKN	080	10.00		85	64	71	50	0	00	29.09	30.01
16	FEW	055	10.00		91	66	74	44	5	31	29.08	30.00	16	CLR	NC	10.00		87	63	71	45	3	VR	29.00	29.92
19	CLR	NC	10.00		81	70	74	69	0	00	29.06	29.98	19	SCT	100	10.00		84	66	72	55	3	20	29.01	29.93
22	FEW	100	9.00		75	72	73	90	0	00	29.09	30.01	22	CLR	NC	10.00		76	68	71	77	0	00	29.04	29.96
SUNRISE: 0610 SEP 03					SUNSET: 1903					SUNRISE: 0615 SEP 09					SUNSET: 1853										
01	CLR	NC	8.00		72	70	71	94	0	00	29.07	29.99	01	OVC	100	10.00	RA BR	74	68	70	82	0	00	29.03	29.95
04	CLR	NC	10.00		71	68	69	90	0	00	29.07	29.98	04	CLR	NC	10.00		72	68	69	87	0	00	29.02	29.93
07	CLR	NC	8.00		71	67	68	87	0	00	29.09	30.01	07	OVC	100	10.00		74	68	70	82	0	00	29.03	29.95
10	CLR	NC	10.00		84	68	73	59	6	VR	29.09	30.01	10	OVC	090	10.00		79	69	72	72	3	24	29.04	29.96
13	CLR	NC	10.00		90	63	72	41	5	VR	29.06	29.98	13	OVC	090	3.00		73	71	72	94	5	25	29.03	29.96
16	CLR	NC	10.00		90	63	72	41	0	00	29.00	29.92	16	OVC	085	10.00		78	71	73	79	3	VR	28.96	29.88
19	CLR	NC	10.00		84	69	74	61	0	00	28.99	29.91	19	OVC	110	10.00		77	71	73	82	0	00	28.95	29.88
22	CLR	NC	10.00		75	67	70	76	0	00	29.04	29.95	22	FEW	110	10.00		73	70	71	90	5	20	28.97	29.89
SUNRISE: 0611 SEP 04					SUNSET: 1902					SUNRISE: 0615 SEP 10					SUNSET: 1852										
01	CLR	NC	9.00	BR	72	67	69	84	0	00	29.03	29.95	01	BKN	110	7.00	-RA	70	68	69	93	0	00	28.95	29.89
04	CLR	NC	6.00		69	66	67	90	0	00	29.05	29.97	04	OVC	004	10.00		70	68	69	93	0	00	28.96	29.89
07	CLR	NC	4.00		69	66	67	90	0	00	29.09	30.01	07	OVC	015	10.00		70	68	69	93	3	20	28.97	29.90
10	CLR	NC	10.00		83	67	72	59	7	07	29.10	30.03	10	OVC	012	1.25		71	69	70	94	0	00	28.98	29.91
13	CLR	NC	10.00		90	66	74	45	6	VR	29.09	30.01	13	OVC	027	10.00		75	69	71	82	0	00	28.93	29.86
16	CLR	NC	10.00		92	63	73	38	6	VR	29.05	29.97	16	FEW	060	10.00		79	68	72	69	3	VR	28.87	29.80
19	CLR	NC	10.00		85	68	73	57	0	00	29.06	29.98	19	BKN	080	10.00		76	69	71	79	0	00	28.90	29.83
22	CLR	NC	9.00		75	70	72	84	0	00	29.10	30.02	22	OVC	100	10.00		72	69	70	91	0	00	28.95	29.88
SUNRISE: 0611 SEP 05					SUNSET: 1859					SUNRISE: 0616 SEP 11					SUNSET: 1850										
01	CLR	NC	8.00	BR	72	68	69	87	0	00	29.10	30.03	01	CLR	NC	10.00	FG	69	67	68	93	0	00	28.94	29.87
04	CLR	NC	8.00		71	67	68	87	0	00	29.12	30.03	04	VV	002	0.50		68	67	67	96	3	26	28.94	29.87
07	CLR	NC	5.00		70	66	67	87	0	00	29.16	30.09	07	VV	002	0.50		65	65	65	100	0	00	28.98	29.91
10	CLR	NC	10.00		81	66	71	61	5	VR	29.19	30.12	10	OVC	006	10.00		70	66	67	87	3	VR	29.01	29.94
13	CLR	NC	10.00		87	66	73	50	5	VR	29.16	30.08	13	CLR	NC	10.00		82	64	70	55	0	00	28.95	29.87
16	CLR	NC	10.00		87	66	73	50	3	30	29.12	30.03	16	BKN	110	10.00		79	65	70	62	3	VR	28.89	29.82
19	FEW	090	10.00		81	70	74	69	0	00	29.13	30.06	19	CLR	NC	10.00		75	67	70	76	0	00	28.88	29.82
22	CLR	NC	9.00		74	70	71	88	3	07	29.18	30.11	22	BKN	100	10.00		67	65	66	93	0	00	28.91	29.85
SUNRISE: 0612 SEP 06					SUNSET: 1858					SUNRISE: 0617 SEP 12					SUNSET: 1849										
01	FEW	055	7.00	BR	71	68	69	90	0	00	29.17	30.09	01	BKN	005	9.00		66	64	65	93	0	00	28.90	29.83
04	CLR	NC	6.00		69	66	67	90	0	00	29.18	30.11	04	OVC	065	10.00		67	64	65	91	0	00	28.89	29.82
07	CLR	NC	4.00		67	65	66	93	0	00	29.22	30.16	07	OVC	095	10.00		64	61	62	90	0	00	28.91	29.85
10	SCT	070	10.00		76	67	70	74	0	00	29.23	30.17	10	SCT	045	10.00		69	57	62	66	5	VR	28.95	29.89
13	FEW	055	10.00		86	65	72	49	0	00	29.19	30.12	13	BKN	065	10.00		74	52	61	46	7	34	28.91	29.85
16	FEW	048	10.00		88	65	73	46	0	00	29.13	30.06	16	CLR	NC	10.00		75	46	59	36	8	28	28.87	29.81
19	CLR	NC	10.00		81	67	72	62	0	00	29.13	30.06	19	OVC	110	10.00		65	50	57	59	0	00	28.92	29.87
22	CLR	NC	10.00		73	68	70	84	0	00	29.15	30.08	22	BKN	120	10.00		60	49	54	67	0	00	28.99	29.93

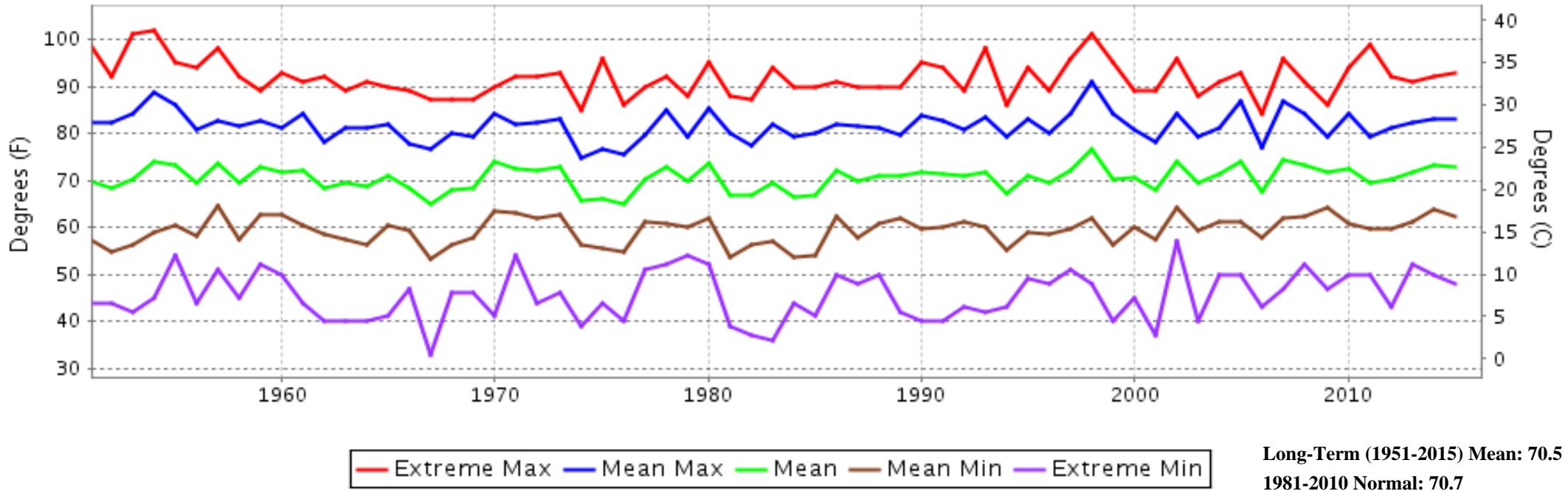
OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN
SEPTEMBER 2015 KOQT

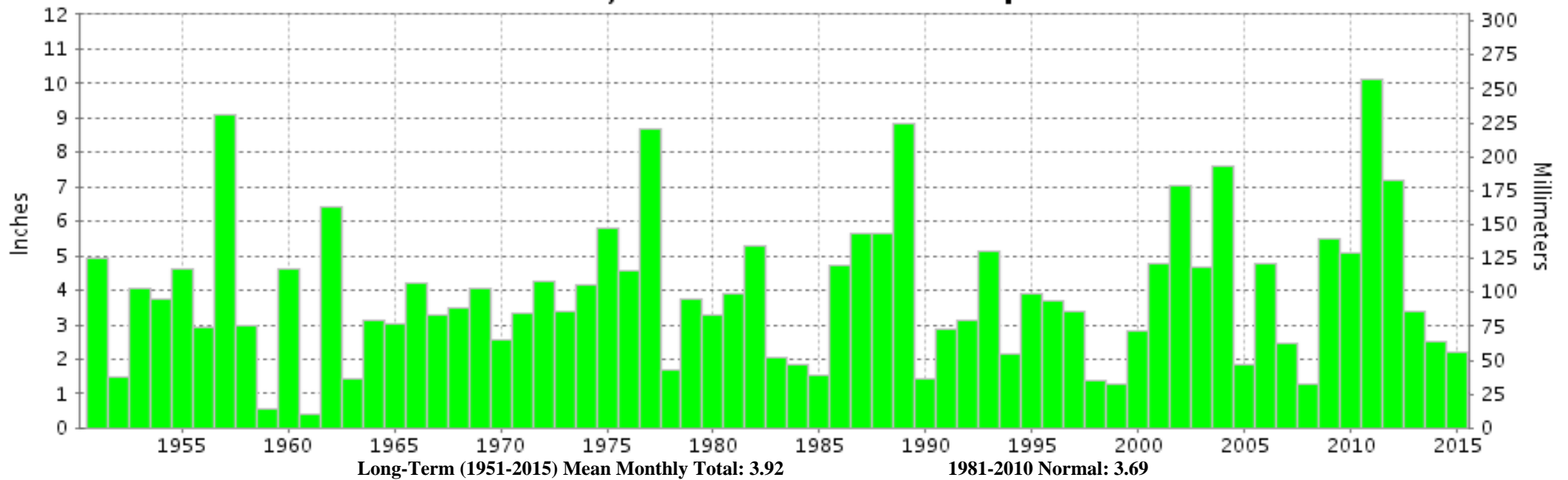
WBAN # 53868

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: 0618 SEP 13					SUNSET: 1847					SUNRISE: 0622 SEP 19					SUNSET: 1839										
01	OVC	110	10.00		58	48	53	70	3	VR	29.02	29.96	01	CLR	NC	10.00		62	59	60	90	0	00	29.01	29.94
04	CLR	NC	10.00		53	48	50	83	3	25	29.01	29.96	04	CLR	NC	10.00		62	59	60	90	0	00	29.02	29.95
07	CLR	NC	10.00		52	48	50	86	3	VR	29.07	30.03	07	VV	002	0.50	FG	59	57	58	93	0	00	29.04	29.98
10	CLR	NC	10.00		63	47	54	56	6	33	29.12	30.07	10	CLR	NC	10.00		74	62	66	67	0	00	29.05	29.99
13	BKN	055	10.00		69	44	56	41	7	VR	29.13	30.08	13	CLR	NC	10.00		83	62	69	49			29.02	29.95
16	FEW	055	10.00		69	43	55	39	6	VR	29.12	30.08	16	FEW	049	10.00		86	61	70	43	5	26	28.98	29.91
19	CLR	NC	10.00		62	48	54	60	0	00	29.13	30.10	19	CLR	NC	10.00		77	65	69	66	0	00	28.98	29.92
22	CLR	NC	10.00		54	50	52	87	0	00	29.17	30.14	22	BKN	065	10.00		70	65	67	84	0	00	29.01	29.94
SUNRISE: 0618 SEP 14					SUNSET: 1846					SUNRISE: 0623 SEP 20					SUNSET: 1837										
01	CLR	NC	10.00		50	47	48	89	0	00	29.20	30.17	01	BKN	110	10.00		70	66	67	87	0	00	29.00	29.92
04	BKN	002	5.00	BR	48	46	47	93	0	00	29.22	30.19	04	CLR	NC	10.00		68	61	64	78	5	08	29.02	29.94
07	VV	002	0.50	FG	50	49	49	96	0	00	29.29	30.26	07	BKN	060	10.00		66	61	63	84	0	00	29.06	29.99
10	CLR	NC	10.00		62	52	56	70	3	VR	29.34	30.32	10	SCT	043	10.00		73	63	67	71	0	00	29.09	30.02
13	CLR	NC	10.00		71	48	58	44	0	00	29.31	30.28	13	OVC	037	10.00		78	64	69	62	3	VR	29.05	29.98
16	CLR	NC	10.00		76	49	61	39	5	21	29.26	30.23	16	SCT	085	10.00		78	65	70	64	3	VR	29.02	29.95
19	CLR	NC	10.00		67	53	59	61	0	00	29.25	30.22	19	BKN	028	10.00		70	63	66	79	0	00	29.04	29.98
22	CLR	NC	10.00		58	54	56	87	0	00	29.29	30.26	22	BKN	044	10.00		68	60	63	76	5	08	29.06	30.00
SUNRISE: 0619 SEP 15					SUNSET: 1845					SUNRISE: 0624 SEP 21					SUNSET: 1836										
01	CLR	NC	10.00		55	52	53	90	0	00	29.34	30.30	01	OVC	023	10.00		67	60	63	79	0	00	29.04	29.97
04	CLR	NC	10.00		53	50	51	89	0	00	29.35	30.31	04	BKN	030	10.00		66	60	62	81	0	00	29.03	29.96
07	VV	002	0.25	FG	53	52	52	96	0	00	29.40	30.37	07	BKN	034	10.00		63	60	61	90	0	00	29.07	30.01
10	CLR	NC	10.00		66	57	61	73	0	00	29.42	30.39	10	SCT	046	10.00		71	59	64	66	0	00	29.10	30.05
13	CLR	NC	10.00		76	54	63	47	6	VR	29.38	30.33	13	BKN	042	10.00		76	57	64	52	5	07	29.08	30.01
16	CLR	NC	10.00		79	53	64	41	7	09	29.33	30.28	16	BKN	050	10.00		78	56	65	47	3	32	29.06	29.99
19	CLR	NC	10.00		72	58	64	61	0	00	29.31	30.27	19	CLR	NC	10.00		71	57	63	61	0	00	29.08	30.02
22	CLR	NC	10.00		63	59	61	87	0	00	29.35	30.31	22	CLR	NC	10.00		63	58	60	84	0	00	29.12	30.06
SUNRISE: 0620 SEP 16					SUNSET: 1843					SUNRISE: 0625 SEP 22					SUNSET: 1834										
01	CLR	NC	10.00		61	57	59	87	0	00	29.36	30.31	01	CLR	NC	10.00		61	56	58	84	0	00	29.10	30.04
04	OVC	002	3.00	BR	56	54	55	93	0	00	29.36	30.31	04	CLR	NC	10.00		59	55	57	87	0	00	29.12	30.06
07	VV	002	0.25	FG	56	55	55	97	3	06	29.40	30.36	07	CLR	NC	10.00		59	55	57	87	0	00	29.17	30.12
10	CLR	NC	10.00		69	57	62	66	3	05	29.41	30.37	10	CLR	NC	10.00		73	61	66	66	6	08	29.20	30.15
13	CLR	NC	10.00		77	54	63	45	0	00	29.36	30.31	13	SCT	039	10.00		80	61	68	52	3	VR	29.17	30.11
16	CLR	NC	10.00		79	54	64	42	3	10	29.29	30.24	16	SCT	055	10.00		81	57	66	44	3	VR	29.13	30.07
19	CLR	NC	10.00		73	58	64	59	0	00	29.27	30.22	19	CLR	NC	10.00		73	57	63	57	0	00	29.14	30.09
22	CLR	NC	10.00		62	58	60	86	0	00	29.28	30.23	22	CLR	NC	10.00		66	59	62	78	0	00	29.18	30.12
SUNRISE: 0621 SEP 17					SUNSET: 1842					SUNRISE: 0625 SEP 23					SUNSET: 1833										
01	CLR	NC	10.00		58	56	57	93	0	00	29.26	30.21	01	CLR	NC	10.00		64	59	61	84	0	00	29.18	30.12
04	CLR	NC	10.00		56	54	55	93	0	00	29.25	30.20	04	CLR	NC	10.00		61	58	59	90	0	00	29.18	30.13
07	VV	002	0.25	FG	56	55	55	97	0	00	29.27	30.22	07	OVC	060	10.00		62	59	60	90	0	00	29.23	30.18
10	FEW	060	10.00		70	58	63	66	0	00	29.26	30.22	10	CLR	NC	10.00		73	61	66	66	8	08	29.24	30.18
13	CLR	NC	10.00		79	54	64	42	0	00	29.19	30.14	13	CLR	NC	10.00		83	59	68	44	3	VR	29.19	30.13
16	BKN	055	10.00		83	56	66	40	3	25	29.13	30.07	16	CLR	NC	10.00		85	53	66	33	6	VR	29.14	30.08
19	CLR	NC	10.00		73	60	65	64	0	00	29.10	30.06	19	CLR	NC	10.00		74	58	64	57	0	00	29.14	30.09
22	CLR	NC	10.00		64	60	62	87	0	00	29.13	30.07	22	CLR	NC	10.00		66	60	62	81	0	00	29.16	30.10
SUNRISE: 0621 SEP 18					SUNSET: 1840					SUNRISE: 0626 SEP 24					SUNSET: 1831										
01	CLR	NC	10.00		61	58	59	90	0	00	29.10	30.04	01	CLR	NC	10.00		64	59	61	84	0	00	29.16	30.10
04	CLR	NC	10.00		58	56	57	93	0	00	29.08	30.02	04	CLR	NC	10.00		62	59	60	90	0	00	29.17	30.11
07	VV	002	0.25	FG	57	56	56	96	0	00	29.10	30.05	07	CLR	NC	10.00		60	58	59	93	0	00	29.21	30.16
10	CLR	NC	10.00		71	61	65	71	0	00	29.13	30.08	10	CLR	NC	10.00		71	58	63	63	5	09	29.22	30.16
13	FEW	044	10.00		81	58	67	45	5	VR	29.08	30.01	13	CLR	NC	10.00		80	56	65	44	7	VR	29.18	30.12
16	CLR	NC	10.00		84	54	66	36	0	00	29.00	29.93	16	CLR	NC	10.00		84	51	64	32	3	VR	29.13	30.07
19	CLR	NC	10.00		74	61	66	64	0	00	29.00	29.94	19	CLR	NC	10.00		74	55	63	52	0	00	29.13	30.08
22	CLR	NC	10.00		66	61	63	84	0	00	29.03	29.96	22	CLR	NC	10.00		70	55	61	59	0	00	29.13	30.08

OAK RIDGE, TN SEPTEMBER Temperatures



OAK RIDGE, TN SEPTEMBER Precipitation





**SEPTEMBER 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

NCEI now offers free online access to the **Edited Local Climatological Data Publication**. Go to : www.ncdc.noaa.gov/IPS/lcd/lcd.html

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