



FEBRUARY 2012 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																			
20	21	22	23	24																																				
01	54	46	50	12	45	48	15	0	RA BR			0.58	29.20	30.17	0.3	24	0.6	8	22	6	20	01																		
02	65	39	52	14	41	47	13	0	RA FG BR			0.31	29.22	30.23	0.9	23	2.1	13	33	8	01	02																		
03	59	36	48	10	35	41	17	0				0.00	29.38	30.37	1.2	05	1.6	15	06	10	06	03																		
04	51	45	48	10	46	47	17	0	RA FG BR			0.70	29.21	30.18	0.5	23	0.6	12	30	7	29	04																		
05	59	43	51	13	45	48	14	0	RA FG+ FG BR			0.06	29.11	30.11	0.9	01	2.1	16	27	10	28	05																		
06	54	34	44	5	36	41	21	0				0.00	29.21	30.22	0.6	30	1.7	14	28	9	29	06																		
07	56	29	43	4	30	36	22	0	FG+ FZFG BR			0.00	29.23	30.24	0.2	10	0.9	9	14	7	26	07																		
08	50	38	44	5	32	38	21	0	RA			0.01	29.24	30.26	1.7	30	2.6	17	28	12	27	08																		
09	47	31	39	0	26	34	26	0				0.00	29.30	30.30	0.9	08	1.4	12	06	7	06	09																		
10	46	28	37	-2	29	33	28	0	RA			0.02	29.12	30.12	1.7	25	2.2	16	26	10	26	10																		
11	38	21	30	-10	16	26	35	0	RA SN			T	29.15	30.21	5.1	32	6.9	31	36	20	01	11																		
12	39	17*	28*	-12	9	22	37	0				0.00	29.40	30.45	0.6	29	2.2	18	34	10	26	12																		
13	43	20	32	-8	18	28	33	0				0.00	29.26	30.27	0.3	14	0.8	9	05	6	08	13																		
14	43	38	41	1	36	38	24	0	RA BR			0.08	29.06	30.07	2.2	24	3.0	13	24	8	24	14																		
15	54	41	48	7	40	43	17	0	RA BR			T	29.21	30.21	1.1	05	1.3	10	36	7	06	15																		
16	64	46	55	14	45	49	10	0	RA BR			0.45	29.13	30.11	1.5	26	3.0	18	29	12	27	16																		
17	61	39	50	9	35	43	15	0				0.00	29.18	30.16	1.4	07	1.9	12	35	8	06	17																		
18	63	40	52	11	32	43	13	0				0.00	29.08	30.04	1.8	05	2.1	15	04	9	06	18																		
19	52	35	44	2	34	39	21	0	RA BR			0.72	28.90	29.90	3.4	02	5.5	20	02	12	05	19																		
20	54	28	41	-1	27	34	24	0	BR			0.00	29.22	30.24	1.8	06	2.6	15	10	9	06	20																		
21	59	31	45	3	35	42	20	0				0.00	29.08	30.06	5.8	22	7.0	36	22	21	22	21																		
22	54	36	45	3	44	46	20	0	RA FG BR			0.39	28.84	29.79	2.0	24	2.3	18	27	9	26	22																		
23	75*	48	62	19	52	56	3	0	FG+ FG BR			0.00	28.61	29.56	6.3	21	6.6	37	21	22	20	23																		
24	70	40	55	12	38	48	10	0	RA			T	28.74	29.75	7.5	25	9.7	37*	27	22*	29	24																		
25	52	32	42	-1	19	33	23	0				0.00	29.21	30.25	4.6	27	5.7	28	28	17	29	25																		
26	59	27	43	0	22	34	22	0				0.00	29.38	30.39	0.3	20	2.4	17	19	13	20	26																		
27	66	38	52	8	34	44	13	0				0.00	29.38	30.38	1.2	16	2.1	14	14	10	14	27																		
28	72	38	55	11	40	48	10	0				0.00	29.34	30.30	0.3	30	2.9	17	21	10	20	28																		
29	69	56	63*	19	58	60	2	0	RA BR			0.44	29.02	29.94	7.0	21	7.6	32	21	20	20	29																		
56.1				35.9				46.0				34.4		41.0		18.8		0.0		< MONTHLY AVERAGES TOTALS >				3.76		29.15		30.15		1.0		25		3.2		< MONTHLY AVERAGES				
4.2				4.2				4.2				-0.81		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																										
DEGREE DAYS									GREATEST 24-HR PRECIPITATION : 0.89				DATE : 01-02				SEA LEVEL PRESSURE				DATE TIME																			
MONTHLY									GREATEST 24-HR SNOWFALL :				DATE :				MAXIMUM :				30.53				12 0852															
TOTAL DEPARTURE									GREATEST SNOW DEPTH :				DATE :				MINIMUM :				29.42				23 1740															
SEASON TO DATE									NUMBER OF ->				MAXIMUM TEMP >= 90 :				0				MINIMUM TEMP <= 32 :				10				PRECIPITATION >= 0.01 INCH :				11							
TOTAL DEPARTURE									THUNDERSTORMS :				MAXIMUM TEMP <= 32 :				0				MINIMUM TEMP <= 0 :				0				PRECIPITATION >= 0.10 INCH :				7							
HEATING :									546				-104				2493				-650				HEAVY FOG :				3				SNOWFALL >= 1.0 INCH :							
COOLING :									0				0				0				0																			

FEBRUARY 2012
OAK RIDGE, TN

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

OAK RIDGE, TN (KOQT)
FEBRUARY 2012

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	T	T	0.02	T		0.01	01	0.09	0.15	0.14	0.08	0.03	0.05	T				01	0.58	0.58		
02	0.14	0.04	0.03	0.09	0.01								02											02	0.31	0.31		
03													03											03	0.00	0.00		
04			T	T	T	0.01	0.01	0.01	T	0.01	T	T	04		0.19	0.23	0.10	0.06	0.01	T	0.03	0.04		04	0.70	0.70		
05				0.06	T								05											05	0.06	0.06		
06													06											06	0.00	0.00		
07													07											07	0.00	0.00		
08			T	T				T	0.01	T			08											08	0.01	0.01		
09													09											09	0.00	0.00		
10													10				T	T	0.01	0.01	T	T	T	10	0.02	0.02		
11	T	T								T	T	T	11	T	T	T		T	T	T				11	T	T		
12													12											12	0.00	0.00		
13													13											13	0.00	0.00		
14			T				T	0.02	0.03	0.02	T	0.01	14	T										14	0.08	0.08		
15													15									T		15	T	T		
16	0.05	0.06	0.03				T	T	0.09	0.19	0.03	T	16											16	0.45	0.45		
17													17											17	0.00	0.00		
18													18											18	0.00	0.00		
19	T				T	T	T	0.06	0.06	0.12	0.11	0.11	19	0.10	0.10	0.04	0.02	T	T		T		19	0.72	0.72			
20													20											20	0.00	0.00		
21													21											21	0.00	0.00		
22								T	0.08	0.08	0.01		22	0.04	0.01	0.04	0.01	T	T	0.02	0.01	0.09	22	0.39	0.39			
23													23											23	0.00	0.00		
24													24	T										24	T	T		
25													25											25	0.00	0.00		
26													26											26	0.00	0.00		
27													27											27	0.00	0.00		
28													28											28	0.00	0.00		
29		T	0.20	0.02	0.01	0.02	0.01	0.04	0.04	T	T	T	29		0.02	0.01		T	0.01	0.05	T	0.01		29	0.44	0.44		

* 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)	0.09	0.13	0.18	0.19	0.21	0.30	0.35	0.39	0.45	0.48	0.52	0.55
Ending Date	02	29	29	29	29	04	04	04	04	04	04	04
Ending Time (Hr/Min)	0020	0252	0252	0253	0300	1512	1527	1549	1606	1625	1652	1729

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.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1981-2010

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	GL Glaze
VC In the Vicinity	UP Unkown Precipitation		

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

OAK RIDGE, TN FEBRUARY 2012

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:

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	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							1.25	10.00	
02							1.25	10.00	
03							10.00	10.00	
04							1.00	10.00	
05							0.00	10.00	
06							8.00	10.00	
07							0.00	10.00	
08							10.00	10.00	
09							10.00	10.00	
10							7.00	10.00	
11							9.00	10.00	
12							10.00	10.00	
13							10.00	10.00	
14							2.00	10.00	
15							1.50	10.00	
16							1.75	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							3.00	10.00	
20							6.00	10.00	
21							10.00	10.00	
22							1.50	10.00	
23							0.25	10.00	
24							10.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							10.00	10.00	
28							10.00	10.00	
29							1.25	10.00	
MONTHLY AVGS							6.03	10.00	
SUNSHINE (Minutes)									
Total : 0					Possible :				
Percent Possible :									
NUMBER OF DAYS WITH :									
SKY CONDITION									
Clear		Partly CLDY			Cloudy			Missing	
MINIMUM VISIBILITY (MILES)									
<= .25			<= 3.0				>= 7.0		
3			12				16		

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

FEBRUARY 2012 KOQT

WBAN # 53868

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)							
			Observation Time (LST)	Eff Cld Amt Oktas		DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION				SEA LEVEL	Observation Time (LST)		Eff Cld Amt Oktas	VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL			
			Observation Time (LST)	Eff Cld Amt Oktas																							DRY BULB	DEW POINT	WET BULB
SUNRISE: 0738 FEB 01						SUNSET: 1804						SUNRISE: 0733 FEB 07						SUNSET: 1810											
01	BKN	095				48	30	40	50	0	00	29.26	30.24	01	CLR	NC			7.00			33	31	32	92	0	00	29.24	30.24
04	OVC	070				49	35	43	59	0	00	29.23	30.20	04	CLR	NC			8.00			31	28	30	89	0	00	29.24	30.25
07	OVC	025				50	42	46	74	0	00	29.22	30.21	07	VV	001			0.25	FZFG		30	28	29	92	0	00	29.24	30.25
10	OVC	025				50	46	48	86	0	00	29.23	30.22	10	OVC	001			0.75	BR		33	33	33	100	0	00	29.29	30.31
13	OVC	017			RA BR	51	48	49	90	3	22	29.19	30.18	13	CLR	NC			10.00			51	31	42	46	5	VR	29.24	30.24
16	OVC	017			-RA BR	52	50	51	93	0	00	29.14	30.12	16	CLR	NC			10.00			55	28	43	36	0	00	29.19	30.19
19	OVC	007			BR	51	50	50	96	0	00	29.13	30.11	19	CLR	NC			10.00			47	30	40	52	0	00	29.20	30.21
22	OVC	008				51	50	50	96	3	VR	29.14	30.13	22	CLR	NC			10.00			39	31	36	73	0	00	29.23	30.24
SUNRISE: 0737 FEB 02						SUNSET: 1805						SUNRISE: 0732 FEB 08						SUNSET: 1811											
01	OVC	070			-RA BR	51	50	50	96	6	22	29.13	30.12	01	OVC	090			10.00			39	32	36	76	0	00	29.21	30.21
04	OVC	100				52	50	51	93	5	21	29.13	30.11	04	OVC	070			10.00	-RA		42	35	39	76	0	00	29.22	30.21
07	SCT	060			BR	50	49	49	96	0	00	29.18	30.17	07	OVC	065			10.00			41	36	39	82	0	00	29.21	30.21
10	CLR	NC				57	51	54	80	0	00	29.26	30.24	10	OVC	065			10.00			44	37	41	77	0	00	29.28	30.29
13	CLR	NC				61	41	51	48	3	VR	29.26	30.23	13	OVC	046			10.00			48	30	40	50	5	VR	29.26	30.26
16	CLR	NC				64	35	50	34	5	34	29.26	30.23	16	OVC	046			10.00			45	30	39	56	8	28	29.27	30.27
19	CLR	NC				54	30	43	40	0	00	29.33	30.31	19	OVC	038			10.00			44	28	37	53	5	30	29.29	30.29
22	CLR	NC				44	35	40	71	0	00	29.36	30.35	22	OVC	034			10.00			39	27	34	62	7	32	29.33	30.34
SUNRISE: 0736 FEB 03						SUNSET: 1806						SUNRISE: 0731 FEB 09						SUNSET: 1812											
01	CLR	NC				41	34	38	76	3	02	29.38	30.37	01	OVC	035			10.00			38	27	34	65	0	00	29.33	30.33
04	CLR	NC				37	33	35	86	3	07	29.39	30.38	04	OVC	033			10.00			37	28	33	70	0	00	29.31	30.32
07	CLR	NC				36	33	35	89	3	04	29.41	30.41	07	OVC	033			10.00			37	28	33	70	0	00	29.35	30.35
10	CLR	NC				47	34	41	61	7	06	29.43	30.42	10	OVC	037			10.00			38	27	34	65	3	VR	29.36	30.37
13	CLR	NC				55	34	45	45	0	00	29.39	30.38	13	SCT	034			10.00			41	25	35	53	6	13	29.31	30.32
16	CLR	NC				58	35	47	42	0	00	29.34	30.33	16	CLR	NC			10.00			45	24	37	44	3	09	29.24	30.25
19	CLR	NC				50	39	45	66	0	00	29.35	30.35	19	CLR	NC			10.00			41	26	35	55	0	00	29.23	30.24
22	CLR	NC				45	39	42	80	0	00	29.34	30.33	22	CLR	NC			10.00			33	27	31	79	0	00	29.24	30.26
SUNRISE: 0735 FEB 04						SUNSET: 1807						SUNRISE: 0730 FEB 10						SUNSET: 1813											
01	OVC	110				45	40	43	83	0	00	29.30	30.29	01	CLR	NC			10.00			30	26	29	85	0	00	29.22	30.24
04	OVC	060			-RA	46	41	44	83	0	00	29.27	30.25	04	CLR	NC			9.00			29	25	28	85	0	00	29.19	30.20
07	OVC	034			-RA	46	44	45	93	0	00	29.26	30.26	07	CLR	NC			10.00			29	25	28	85	0	00	29.17	30.18
10	OVC	022			BR	47	45	46	93	0	00	29.25	30.24	10	CLR	NC			8.00			35	29	33	79	0	00	29.17	30.19
13	OVC	004			BR	48	46	47	93	0	00	29.18	30.18	13	CLR	NC			10.00			44	28	37	53	5	22	29.08	30.08
16	OVC	033			RA BR	50	49	49	96	0	00	29.13	30.11	16	OVC	070			10.00			45	29	38	54	5	27	29.04	30.04
19	OVC	016			BR	51	49	50	93	0	00	29.10	30.09	19	OVC	048			10.00	-RA		42	33	38	71	3	28	29.04	30.05
22	OVC	017			BR	51	50	50	96	0	00	29.10	30.08	22	OVC	050			9.00			37	34	36	89	5	VR	29.04	30.04
SUNRISE: 0734 FEB 05						SUNSET: 1808						SUNRISE: 0729 FEB 11						SUNSET: 1814											
01	OVC	018			BR	51	50	50	96	3	20	29.06	30.04	01	OVC	065			10.00	-RA		37	33	35	86	6	25	29.00	30.00
04	OVC	033			+RA BR	52	51	51	96	0	00	29.05	30.02	04	OVC	027			10.00			37	32	35	82	6	26	28.97	29.97
07	VV	002			FG	51	50	50	96	0	00	29.07	30.04	07	OVC	055			10.00			35	25	31	67	10	28	29.06	30.06
10	OVC	044				53	50	51	90	0	00	29.13	30.10	10	OVC	042			10.00			30	15	25	54	7	VR	29.15	30.17
13	OVC	049				56	43	49	62	8	35	29.14	30.12	13	OVC	060			10.00			28	9	23	45	11	35	29.20	30.23
16	OVC	055				57	37	47	47	0	00	29.14	30.12	16	OVC	060			10.00			27	8	22	44	13	36	29.24	30.27
19	CLR	NC				50	42	46	74	3	07	29.18	30.17	19	OVC	055			10.00			25	4	20	40	10	34	29.34	30.37
22	FEW	034				45	39	42	80	5	05	29.20	30.19	22	FEW	048			10.00			23	4	18	44	7	32	29.39	30.42
SUNRISE: 0733 FEB 06						SUNSET: 1809						SUNRISE: 0728 FEB 12						SUNSET: 1815											
01	SCT	039				43	38	41	83	3	06	29.21	30.19	01	OVC	041			10.00			22	6	18	50	0	00	29.41	30.46
04	OVC	047				43	39	41	86	0	00	29.21	30.19	04	BKN	043			10.00			20	5	16	52	0	00	29.43	30.47
07	OVC	049				42	39	41	89	0	00	29.22	30.21	07	CLR	NC			10.00			17	8	15	68	3	22	29.44	30.49
10	OVC	055				46	40	43	80	0	00	29.25	30.25	10	CLR	NC			10.00			23	6	19	48	3	08	29.46	30.51
13	BKN	036				53	38	46	57	3	VR	29.22	30.22	13	CLR	NC			10.00			32	7	25	35	6	VR	29.41	30.45
16	OVC	049				52	32	43	47	6	29	29.19	30.18	16	CLR	NC			10.00			38	10	29	31	3	25	29.37	30.40
19	FEW	047				47	34	41	61	0	00	29.21	30.21	19	CLR	NC			10.00			35	12	28	39	3	27	29.37	30.42
22	CLR	NC				38	33	36	82	0	00	29.23	30.24	22	CLR	NC			10.00			31	13	25	47	0	00	29.38	30.42

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

FEBRUARY 2012 KOQT

WBAN # 53868

Table with columns for Hour (LST), Sky Cover, Ceiling, Satellite, Visibility, Weather, Temperature (Dry Bulb, Dew Point, Wet Bulb), Wind (Speed, Direction), Pressure (Station, Sea Level), and their respective values for each 3-hour interval from Feb 13 to Feb 24.

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

FEBRUARY 2012 KOQT

WBAN # 53868

Table with columns: HOUR (LST), SKY COVER, CEILING 100's of FT., SATELLITE (Observation Time (LST), Eff Cld Amt Oktas), VISIBILITY (MILES), WEATHER, TEMPERATURE °F (Dry Bulb, Dew Point, Wet Bulb), RELATIVE HUMIDITY (PCT), WIND (Speed (MPH), Direction Tens of Deg), PRESSURE (INCHES, HG) (Station, Sea Level). Data for Feb 25-29.

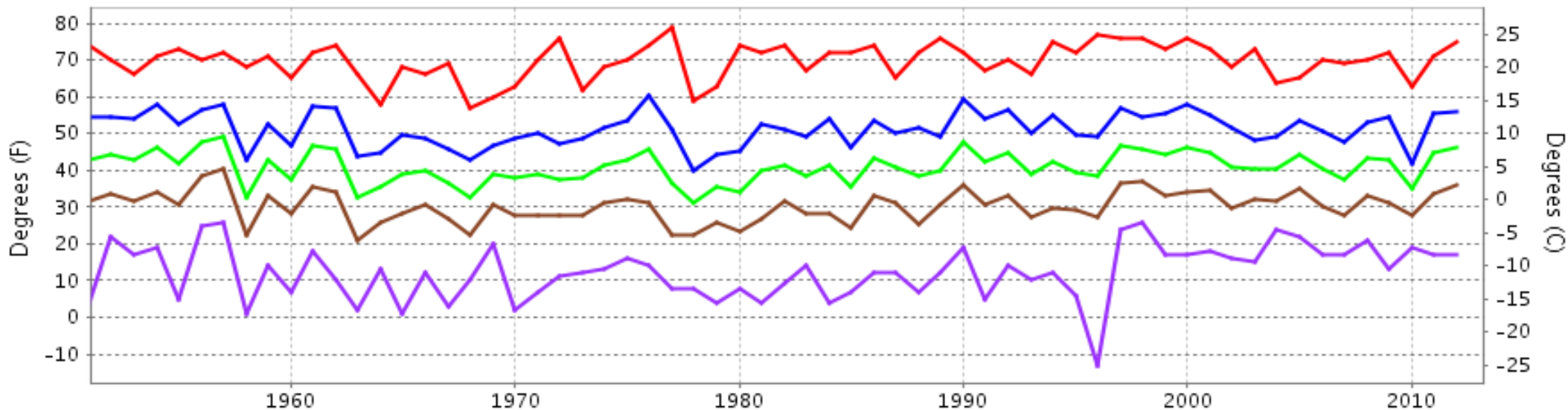
Table with columns: HOUR (LST), SKY COVER, CEILING 100's of FT., SATELLITE (Observation Time (LST), Eff Cld Amt Oktas), VISIBILITY (MILES), WEATHER, TEMPERATURE °F (Dry Bulb, Dew Point, Wet Bulb), RELATIVE HUMIDITY (PCT), WIND (Speed (MPH), Direction Tens of Deg), PRESSURE (INCHES, HG) (Station, Sea Level). This section is currently blank.

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

Table with columns: HOUR (LST), CEILING, EFF CLD AMT, DRY BULB, DEW POINT, WET BULB, RELATIVE HUMIDITY, PRESSURE (Inches, HG) (Station, Sea Level), VISIBILITY (Miles), WIND SPEED (MPH), RESULTANT WIND (MPH) (Speed, Direction). Summary data for hours 01-24.

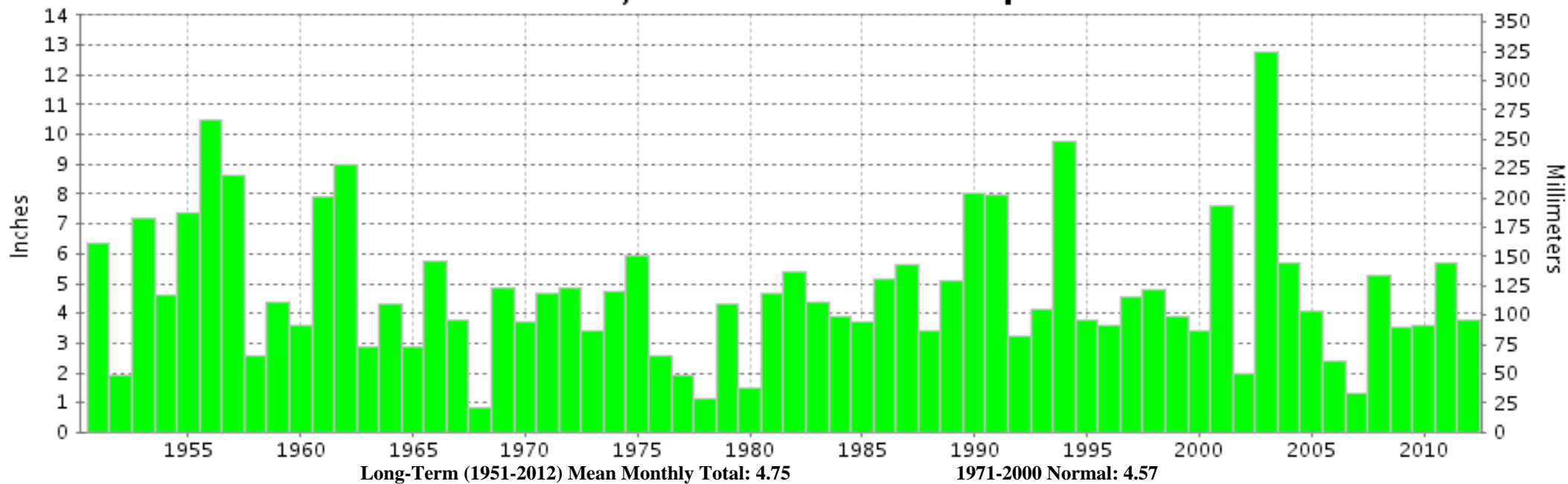
OAK RIDGE, TN FEBRUARY Temperatures



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

Long-Term (1951-2012) Mean: 40.8
1971-2000 Normal: 41.8

OAK RIDGE, TN FEBRUARY Precipitation



Long-Term (1951-2012) Mean Monthly Total: 4.75

1971-2000 Normal: 4.57



FEBRUARY 2012
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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We welcome your questions or comments, please contact us at:
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