



JUNE 2016 LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

KNOXVILLE, TN
MC GHEE TYSON AIRPORT (KTYS)
Lat:35° 49'N Long: 83° 59'W Elev (Ground) 962 Feet
Time Zone : EASTERN WBAN: 13891 ISSN#: 0198-4810



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		0700 LST	1300 LST	2400 LST	2400 LST	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			3-SEC		2-MIN			
11	12	13	14	15	16	17	18	19	20	21	22	23	24											
01	92	64	78	8	64	68	0	13	TS TSRA RA BR VCTS	0		0.0	1.04	28.95	29.97	0.5	08	3.4	39*	18	32*	17	01	
02	85	66	76	6	67	69	0	11	TS TSRA RA BR	0		0.0	0.09	29.00	30.03	1.5	26	4.3	30	21	25	21	02	
03	87	66	77	7	67	70	0	12	FG+ FG BR	0		0.0	0.00	29.00	30.02	0.7	32	1.8	21	27	16	28	03	
04	87	68	78	8	68	70	0	13	TS TSRA RA FG+ FG BR VCTS	0		0.0	1.04	28.92	29.92	1.6	21	5.0	29	19	23	18	04	
05	78	68	73	3	68	69	0	8	RA FG+ BR	0		0.0	0.94	28.82	29.84	9.0	22	9.5	23	20	20	23	05	
06	84	66	75	4	64	67	0	10	FG+ FG BR	0		0.0	0.00	28.80	29.81	1.9	25	3.0	14	22	10	26	06	
07	85	63	74	3	57	64	0	9		0		0.0	0.00	28.74	29.77	7.0	26	8.5	31	28	23	27	07	
08	82	58	70	-2	51	59	0	5		0		0.0	0.00	28.90	29.94	3.1	34	4.2	17	04	13	01	08	
09	83	56*	70*	-2	52	60	0	5		0		0.0	0.00	29.00	30.02	3.3	04	4.7	15	04	13	04	09	
10	89	58	74	1	57	64	0	9		0		0.0	0.00	29.04	30.07	2.0	06	3.0	13	04	9	05	10	
11	92	64	78	5	61	68	0	13		0		0.0	0.00	29.05	30.08	2.5	23	3.9	17	26	12	22	11	
12	92	70	81	8	64	70	0	16		0		0.0	0.00	29.02	30.03	2.3	26	3.6	17	26	14	26	12	
13	94	72	83	9	68	72	0	18	RA VCTS	0		0.0	T	28.92	29.93	0.4	22	3.5	14	28	13	29	13	
14	94	69	82	8	68	71	0	17	TS TSRA RA	0		0.0	0.24	28.89	29.89	1.5	04	3.9	27	15	20	07	14	
15	89	71	80	6	70	72	0	15		0		0.0	0.00	28.89	29.89	7.4	23	7.8	24	26	18	26	15	
16	93	68	81	6	66	71	0	16		0		0.0	0.00	28.84	29.84	9.0	23	9.9	20	24	16	22	16	
17	84	71	78	3	65	70	0	13	TS TSRA RA BR VCTS	0		0.0	0.17	28.83	29.85	6.1	02	8.2	38	27	30	27	17	
18	89	68	79	4	61	67	0	14		0		0.0	0.00	29.04	30.08	4.0	04	6.0	16	02	14	02	18	
19	87	64	76	1	58	65	0	11		0		0.0	0.00	29.24	30.27	2.2	05	3.3	13	06	10	05	19	
20	89	63	76	1	57	65	0	11		0		0.0	0.00	29.21	30.22	3.8	24	4.2	17	21	14	23	20	
21	88	69	79	3	65	70	0	14	RA	0		0.0	T	29.06	30.06	9.0	22	9.2	28	22	18	22	21	
22	92	74	83	7	70	74	0	18		0		0.0	0.00	29.00	30.01	8.4	22	8.9	20	24	16	23	22	
23	95*	77	86*	10	67	73	0	21	TS VCTS	0		0.0	T	28.97	29.98	10.8	23	12.2	26	34	22	22	23	
24	88	70	79	3	68	72	0	14	TS TSRA RA BR VCTS	0		0.0	0.65	28.99	30.00	5.6	24	7.3	25	22	21	02	24	
25	91	69	80	4	66	71	0	15	BR	0		0.0	0.00	29.05	30.06	2.0	08	3.3	13	02	10	03	25	
26	94	69	82	6	68	72	0	17	VCTS	0		0.0	0.00	29.07	30.08	0.7	27	4.4	31	01	23	01	26	
27	92	73	83	7	70	73	0	18	TS RA VCTS	0		0.0	0.23	29.01	30.03	1.8	27	5.3	32	32	18	33	27	
28	92	71	82	5	65	71	0	17	RA BCFG BR	0		0.0	0.03	28.97	29.98	3.1	03	3.9			10	02	28	
29	88	69	79	2	61	67	0	14		0		0.0	0.00	28.94	29.96	3.2	33	4.6	19	28	15	28	29	
30	90	63	77	0	57	65	0	12		0		0.0	0.00	28.94	29.96	3.0	34	5.1	16	31	12	32	30	

88.8	67.2	78.0	☼	63.7	68.6	0.0	13.3	< MONTHLY AVERAGES TOTALS >				0.0	4.43	28.97	29.99	1.9	25	5.5	< MONTHLY AVERAGES				
3.4	2.5	3.0		-----DEPARTURE FROM NORMAL -----								0.62	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3										
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 1.77 DATE : 04-05				SEA LEVEL PRESSURE				DATE TIME							
MONTHLY								GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.33				19 1109							
TOTAL DEPARTURE								GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.73				07 1534							
SEASON TO DATE								NUMBER OF ->				MAXIMUM TEMP >= 90 : 13				MINIMUM TEMP <= 32 : 0				PRECIPITATION >= 0.01 INCH : 9			
TOTAL DEPARTURE								THUNDERSTORMS : 8				MAXIMUM TEMP <= 32 : 0				MINIMUM TEMP <= 0 : 0				PRECIPITATION >= 0.10 INCH : 7			
HEATING : 0 -4 2955 -682												THUNDERSTORMS : 8				HEAVY FOG : 4				SNOWFALL >= 1.0 INCH : 0			
COOLING : 399 94 609 142																							

**JUNE 2016
KNOXVILLE, TN**

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

KNOXVILLE, TN (KTYS)
JUNE 2016

WBAN # 13891

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	1.04	1.04	
02													02				T	0.08	0.01						02	0.09	0.09	
03													03												03	0.00	0.00	
04													04		T	T	0.19	0.16	0.25	0.01		0.04	T	0.21	0.18	04	1.04	1.04
05	0.30	0.01		0.39				T	T	T	0.02	0.01	05				0.08	0.12	0.01	T				05	0.94	0.94		
06													06												06	0.00	0.00	
07													07												07	0.00	0.00	
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													12												12	0.00	0.00	
13													13				T	T							13	T	T	
14													14				0.23	T	T	0.01					14	0.24	0.24	
15													15												15	0.00	0.00	
16													16												16	0.00	0.00	
17	0.06	0.11											17												17	0.17	0.17	
18													18												18	0.00	0.00	
19													19												19	0.00	0.00	
20													20												20	0.00	0.00	
21												T	21	T											21	T	T	
22													22												22	0.00	0.00	
23													23											T	23	T	T	
24	0.44	0.15	0.03	0.01	0.02	T	T						24												24	0.65	0.65	
25													25												25	0.00	0.00	
26													26												26	0.00	0.00	
27				T									27		T	0.23	T	T			T	T		27	0.23	0.23		
28	0.03	T											28												28	0.03	0.03	
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)	0.32	0.44	0.56	0.65	0.77	0.83	0.86	0.89	0.97	1.00	1.02	1.04
Ending Date	01	01	01	01	01	01	01	01	01	01	01	01
Ending Time (Hr/Min)	1819	1819	1822	1827	1833	1847	1901	1919	1942	1955	2025	2037

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

KNOXVILLE, TN JUNE 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-CONTRACTOR ON AIRPORT
Lat/Lon:/ Elevation:
Distance:2200 FT Dir:W
Augmented Elements:Temp,Precip,Snow
Equipment:SRG, PSY, Snow Board, Snow stick

Date	VISIBILITY (MILES)	
	MINIMUM	MAXIMUM
01	5.00	10.00
02	4.00	10.00
03	0.00	10.00
04	0.50	10.00
05	2.00	10.00
06	0.50	10.00
07	10.00	10.00
08	10.00	10.00
09	10.00	10.00
10	10.00	10.00
11	10.00	10.00
12	10.00	10.00
13	7.00	10.00
14	7.00	10.00
15	10.00	10.00
16	9.00	10.00
17	0.75	10.00
18	10.00	10.00
19	10.00	10.00
20	9.00	10.00
21	10.00	10.00
22	9.00	10.00
23	7.00	10.00
24	5.00	10.00
25	2.50	10.00
26	9.00	10.00
27	7.00	10.00
28	8.00	10.00
29	10.00	10.00
30	10.00	10.00
AVGS	7.08	10.00
MINIMUM VISIBILITY (MILES)		
<= .25	<= 3.0	>= 7.0
1	6	21

OBSERVATIONS AT 3-HOURLY INTERVALS

KNOXVILLE, TN
JUNE 2016 **KTYS**

WBAN # 13891

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: 0521					JUN 01					SUNSET: 1946					SUNRISE: 0520					JUN 07					SUNSET: 1950				
01	CLR	NC	10.00		68	64	65	87	6	05	28.92	29.94	01	CLR	NC	10.00		67	63	65	87	0	00	28.76	29.76				
04	CLR	NC	9.00		66	63	64	90	0	00	28.93	29.95	04	CLR	NC	10.00		64	62	63	93	3	21	28.74	29.74				
07	CLR	NC	10.00		69	63	65	81	0	00	28.98	29.99	07	FEW	080	10.00		67	63	65	87	7	21	28.75	29.76				
10	FEW	250	10.00		80	65	70	60	3	VR	28.99	30.01	10	FEW	150	10.00		78	63	68	60	13	25	28.74	29.75				
13	FEW	250	10.00		89	63	72	42	3	35	28.95	29.96	13	FEW	045	10.00		83	53	65	36	15	29	28.74	29.75				
16	SCT	250	10.00		91	60	71	35	6	32	28.89	29.90	16	FEW	050	10.00		84	50	64	31	11	31	28.73	29.74				
19	BKN	070	5.00		71	66	68	84	8	18	28.98	30.00	19	CLR	NC	10.00		80	48	61	33	8	29	28.76	29.76				
22	OVC	110	10.00		70	67	68	90	3	09	28.98	30.00	22	CLR	NC	10.00		71	53	61	53	3	30	28.82	29.83				
SUNRISE: 0521					JUN 02					SUNSET: 1947					SUNRISE: 0520					JUN 08					SUNSET: 1950				
01	BKN	100	6.00	BR	69	67	68	93	5	36	28.99	30.01	01	CLR	NC	10.00		63	54	58	73	0	00	28.84	29.86				
04	SCT	120	5.00	BR	67	66	66	97	0	00	29.00	30.01	04	CLR	NC	10.00		59	53	56	81	0	00	28.88	29.90				
07	OVC	250	9.00		69	66	67	90	5	34	29.02	30.04	07	FEW	030	10.00		61	55	58	81	0	00	28.94	29.96				
10	BKN	250	10.00		77	68	71	74	0	00	29.04	30.06	10	FEW	036	10.00		73	49	59	43	10	02	28.95	29.97				
13	BKN	250	10.00		83	69	73	63	9	28	29.01	30.02	13	FEW	042	10.00		78	48	61	35	9	31	28.92	29.94				
16	SCT	050	10.00		73	65	68	76	8	26	28.98	30.00	16	FEW	050	10.00		81	45	61	28	7	32	28.89	29.91				
19	OVC	180	10.00		72	67	69	84	6	24	28.98	30.00	19	FEW	250	10.00		79	47	61	32	7	35	28.90	29.92				
22	OVC	120	10.00		71	67	68	87	0	00	29.03	30.05	22	FEW	250	10.00		69	53	60	57	5	02	28.96	29.98				
SUNRISE: 0521					JUN 03					SUNSET: 1947					SUNRISE: 0520					JUN 09					SUNSET: 1951				
01	OVC	250	8.00		69	67	68	93	3	06	29.03	30.04	01	CLR	NC	10.00		62	54	57	75	3	06	28.99	30.01				
04	VV	001	0.25	FG	66	66	66	100	0	00	28.99	30.02	04	CLR	NC	10.00		58	53	55	84	5	05	28.99	30.01				
07	VV	001	0.12	FG	67	66	66	97	0	00	29.04	30.06	07	FEW	250	10.00		62	54	57	75	7	02	29.04	30.06				
10	SCT	250	10.00		73	67	69	81	0	00	29.06	30.08	10	FEW	250	10.00		73	54	62	51	5	03	29.05	30.06				
13	SCT	200	10.00		83	68	73	61	5	VR	29.01	30.02	13	SCT	250	10.00		79	51	63	38	5	VR	29.02	30.04				
16	BKN	250	10.00		85	65	72	51	7	31	28.96	29.98	16	BKN	250	10.00		82	45	61	27	5	34	28.97	29.99				
19	OVC	250	10.00		81	68	72	65	0	00	28.96	29.98	19	BKN	250	10.00		79	49	62	35	5	08	28.96	29.98				
22	OVC	250	10.00		76	68	71	77	3	10	29.00	30.01	22	BKN	250	10.00		67	58	62	73	3	09	29.00	30.02				
SUNRISE: 0520					JUN 04					SUNSET: 1948					SUNRISE: 0519					JUN 10					SUNSET: 1951				
01	CLR	NC	9.00		72	69	70	91	0	00	28.97	29.99	01	SCT	250	10.00		65	56	60	73	0	00	29.00	30.02				
04	CLR	NC	7.00		70	68	69	93	0	00	28.93	29.95	04	FEW	250	10.00		59	56	57	90	5	06	29.02	30.04				
07	BKN	250	8.00		71	67	68	87	5	02	28.96	29.97	07	FEW	250	10.00		62	57	59	84	5	06	29.08	30.10				
10	OVC	180	10.00		81	68	72	65	0	00	28.95	29.96	10	CLR	NC	10.00		76	58	65	54	6	07	29.10	30.12				
13	SCT	050	10.00		85	66	72	53	16	20	28.88	29.89	13	FEW	250	10.00		85	54	66	35	3	VR	29.08	30.10				
16	OVC	180	1.00	TS+RA BR	72	69	70	91	14	29	28.86	29.88	16	FEW	250	10.00		88	55	67	33	0	00	29.03	30.05				
19	BKN	250	10.00		71	69	70	94	0	00	28.85	29.87	19	CLR	NC	10.00		86	57	68	37	5	06	29.02	30.03				
22	FEW	030	10.00		71	69	70	94	3	33	28.85	29.87	22	CLR	NC	10.00		74	62	66	67	0	00	29.05	30.06				
SUNRISE: 0520					JUN 05					SUNSET: 1948					SUNRISE: 0519					JUN 11					SUNSET: 1952				
01	OVC	080	6.00	BR	71	69	70	94	8	23	28.84	29.84	01	FEW	250	10.00		69	61	64	76	3	09	29.05	30.06				
04	OVC	120	7.00	+RA	69	67	68	93	11	22	28.82	29.83	04	CLR	NC	10.00		66	61	63	84	0	00	29.08	30.09				
07	OVC	070	10.00		69	67	68	93	5	21	28.82	29.84	07	CLR	NC	10.00		68	62	64	81	0	00	29.11	30.12				
10	OVC	110	10.00	-RA	73	68	70	84	20	22	28.84	29.85	10	FEW	250	10.00		82	65	71	56	3	VR	29.11	30.13				
13	OVC	034	10.00		75	69	71	82	16	21	28.82	29.84	13	SCT	250	10.00		89	61	71	39	11	22	29.08	30.09				
16	OVC	080	2.00	RA BR	71	67	68	87	11	29	28.81	29.82	16	SCT	250	10.00		92	55	69	29	6	27	29.04	30.05				
19	OVC	090	7.00	-RA	70	67	68	90	6	17	28.82	29.83	19	FEW	070	10.00		88	61	70	40	5	22	29.01	30.03				
22	SCT	090	10.00		69	66	67	90	3	18	28.84	29.86	22	CLR	NC	10.00		78	64	69	62	0	00	29.05	30.06				
SUNRISE: 0520					JUN 06					SUNSET: 1949					SUNRISE: 0519					JUN 12					SUNSET: 1952				
01	BKN	120	10.00		68	66	67	93	0	00	28.84	29.86	01	CLR	NC	10.00		75	64	68	69	0	00	29.05	30.06				
04	OVC	017	10.00		67	66	66	97	0	00	28.84	29.85	04	SCT	180	10.00		72	65	68	79	0	00	29.03	30.04				
07	OVC	002	0.50	FG	68	67	67	96	3	20	28.84	29.86	07	BKN	180	10.00		73	65	68	76	0	00	29.06	30.07				
10	SCT	170	10.00		74	67	69	79	3	VR	28.84	29.86	10	CLR	NC	10.00		81	68	72	65	7	21	29.07	30.08				
13	BKN	200	10.00		80	61	68	52	6	24	28.81	29.81	13	FEW	060	10.00		90	61	71	38	7	VR	29.03	30.04				
16	BKN	250	10.00		83	60	68	46	0	00	28.76	29.77	16	FEW	070	10.00		91	61	71	37	6	31	28.98	29.99				
19	BKN	250	10.00		80	60	67	51	5	29	28.73	29.74	19	BKN	180	10.00		88	63	71	43	5	30	28.96	29.97				
22	SCT	250	10.00		71	62	65	73	0	00	28.75	29.76	22	SCT	180	10.00		81	66	71	61	0	00	28.97	29.98				

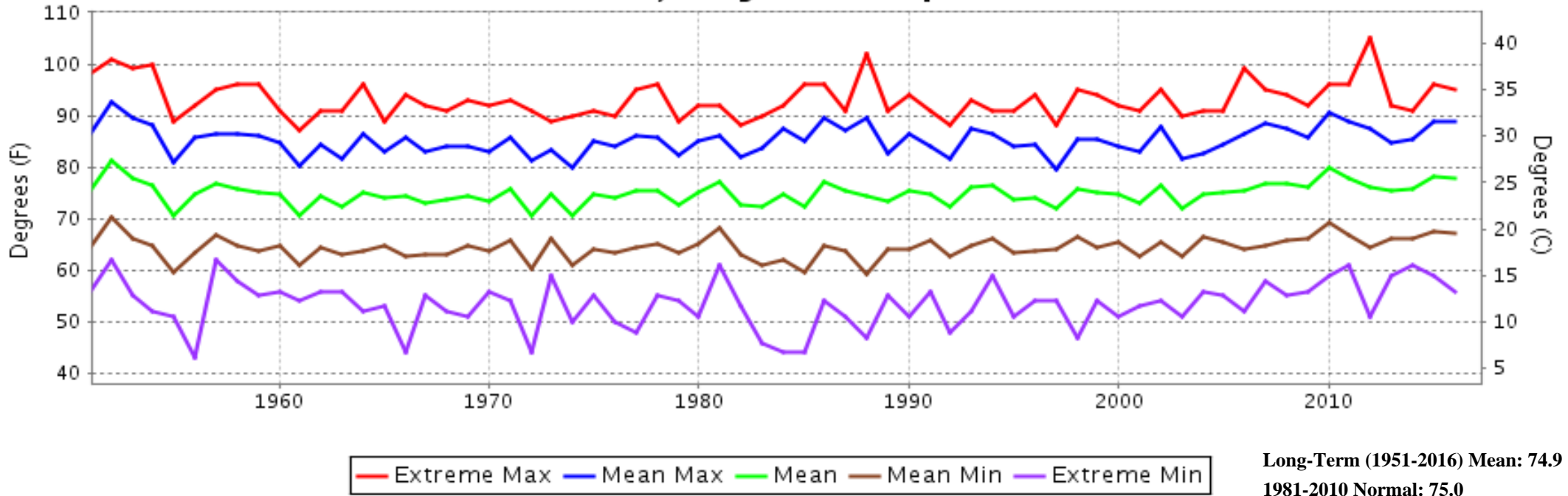
OBSERVATIONS AT 3-HOURLY INTERVALS

KNOXVILLE, TN
JUNE 2016 **KTYS**

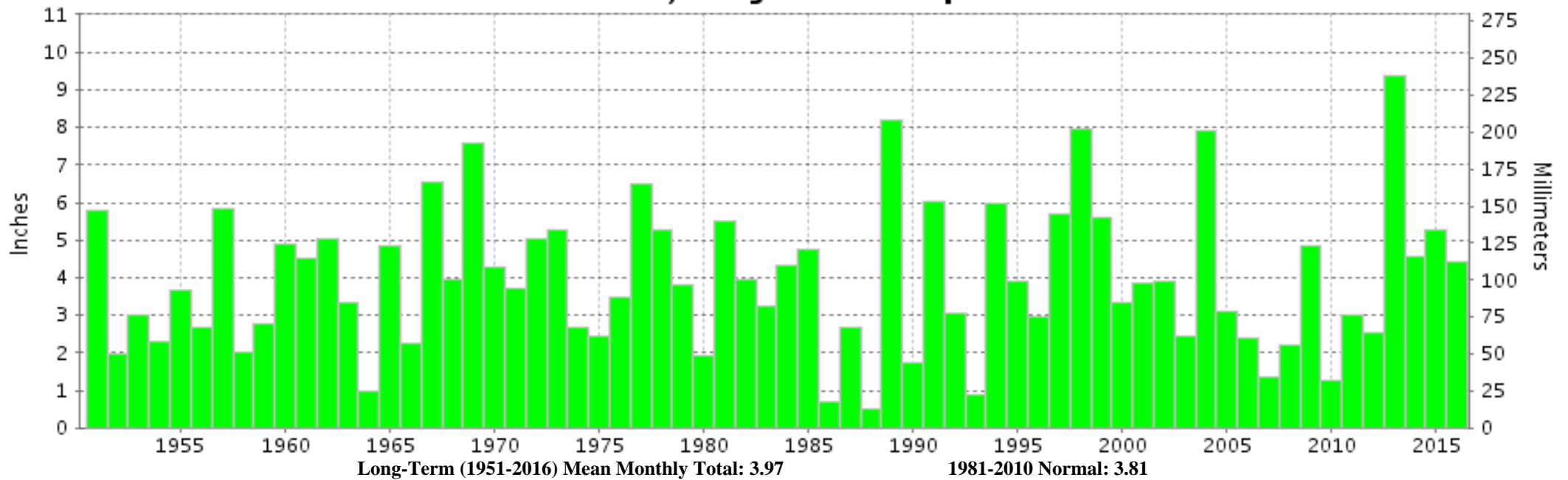
WBAN # 13891

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND SPEED (MPH)	WIND DIRECTION Tens of Deg	PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)			STATION	SEA LEVEL						DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)			STATION	SEA LEVEL
SUNRISE: 0519					JUN 13				SUNSET: 1952				SUNRISE: 0520					JUN 19				SUNSET: 1955			
01	OVC	250	10.00		77	67	70	71	0	00	28.96	29.97	01	FEW	250	10.00		70	62	65	76	6	02	29.21	30.23
04	BKN	250	10.00		73	67	69	81	5	21	28.95	29.96	04	SCT	250	10.00		66	60	62	81	5	05	29.22	30.25
07	BKN	250	10.00		75	67	70	76	5	17	28.97	29.98	07	SCT	250	10.00		67	59	62	76	5	06	29.27	30.30
10	FEW	250	10.00		84	69	74	61	0	00	28.97	29.98	10	OVC	250	10.00		76	57	64	52	0	00	29.30	30.33
13	BKN	250	10.00		89	69	75	52	6	03	28.93	29.94	13	OVC	250	10.00		83	59	68	44	3	VR	29.28	30.30
16	SCT	120	10.00		86	67	73	53	8	28	28.87	29.88	16	BKN	250	10.00		86	57	68	37	6	07	29.22	30.24
19	BKN	250	10.00		89	67	74	48	3	05	28.85	29.86	19	BKN	250	10.00		84	56	67	38	6	06	29.21	30.23
22	BKN	250	10.00		82	68	73	63	0	00	28.88	29.88	22	FEW	120	10.00		75	59	65	58	0	00	29.24	30.26
SUNRISE: 0519					JUN 14				SUNSET: 1953				SUNRISE: 0520					JUN 20				SUNSET: 1955			
01	SCT	250	10.00		75	69	71	82	0	00	28.87	29.88	01	CLR	NC	10.00		71	59	64	66	0	00	29.23	30.26
04	SCT	250	10.00		70	66	67	87	5	07	28.87	29.88	04	CLR	NC	10.00		69	55	61	61	7	26	29.25	30.27
07	FEW	250	10.00		73	66	68	79	7	01	28.90	29.91	07	SCT	180	10.00		68	57	61	68	0	00	29.28	30.30
10	FEW	250	10.00		83	67	72	59	3	33	28.91	29.91	10	FEW	180	10.00		79	55	64	44	7	24	29.29	30.31
13	FEW	250	10.00		92	68	75	46	3	VR	28.87	29.88	13	FEW	250	10.00		84	57	67	40	8	24	29.21	30.24
16	SCT	130	10.00		92	68	75	46	3	VR	28.81	29.81	16	SCT	250	10.00		88	55	67	33	0	00	29.15	30.16
19	OVC	250	10.00		76	68	71	77	13	20	28.89	29.91	19	SCT	250	10.00		86	54	66	33	5	24	29.12	30.14
22	OVC	250	10.00		73	70	71	90	5	07	28.90	29.92	22	FEW	250	10.00		78	59	66	52	3	25	29.12	30.13
SUNRISE: 0519					JUN 15				SUNSET: 1953				SUNRISE: 0520					JUN 21				SUNSET: 1955			
01	SCT	250	10.00		72	69	70	91	3	27	28.90	29.91	01	CLR	NC	10.00		72	61	65	68	6	23	29.12	30.14
04	BKN	037	10.00		71	69	70	94	0	00	28.90	29.91	04	OVC	250	10.00		71	58	63	63	5	23	29.09	30.10
07	OVC	024	10.00		72	69	70	91	0	00	28.93	29.94	07	BKN	250	10.00		72	59	64	64	7	20	29.10	30.11
10	OVC	017	10.00		77	70	72	79	11	23	28.94	29.96	10	FEW	250	10.00		82	62	69	51	14	22	29.09	30.10
13	BKN	150	10.00		86	70	75	59	11	25	28.91	29.92	13	BKN	090	10.00		84	67	73	57	9	21	29.07	30.08
16	SCT	048	10.00		88	69	75	54	13	24	28.84	29.85	16	SCT	130	10.00		87	69	75	55	9	19	28.97	29.98
19	SCT	250	10.00		86	71	76	61	11	24	28.84	29.84	19	SCT	130	10.00		84	70	74	63	9	24	28.97	29.98
22	BKN	250	10.00		79	70	73	74	14	20	28.82	29.83	22	BKN	250	10.00		79	70	73	74	7	22	29.01	30.02
SUNRISE: 0519					JUN 16				SUNSET: 1954				SUNRISE: 0520					JUN 22				SUNSET: 1955			
01	BKN	250	10.00		73	66	68	79	10	19	28.84	29.84	01	OVC	250	10.00		76	70	72	82	5	22	29.01	30.02
04	SCT	250	10.00		69	64	66	84	7	23	28.87	29.88	04	BKN	130	10.00		74	69	71	85	8	20	28.98	29.99
07	BKN	250	10.00		70	65	67	84	11	21	28.90	29.91	07	BKN	250	10.00		78	69	72	74	8	22	29.02	30.03
10	BKN	250	10.00		80	63	69	56	9	25	28.89	29.90	10	BKN	250	10.00		82	70	74	67	13	23	29.06	30.07
13	SCT	250	10.00		87	69	75	55	9	24	28.86	29.87	13	BKN	180	10.00		88	71	76	57	8	22	29.03	30.04
16	SCT	250	10.00		92	69	76	47	13	24	28.81	29.81	16	BKN	250	10.00		92	70	77	49	11	21	28.99	29.99
19	BKN	250	10.00		90	65	73	44	11	24	28.78	29.78	19	BKN	250	10.00		89	69	75	52	7	22	28.96	29.97
22	BKN	250	10.00		81	66	71	61	8	22	28.78	29.78	22	BKN	250	10.00		82	72	75	72	6	22	28.98	29.99
SUNRISE: 0520					JUN 17				SUNSET: 1954				SUNRISE: 0521					JUN 23				SUNSET: 1956			
01	OVC	100	0.75	TS+RA	78	70	73	76	15	29	28.81	29.81	01	BKN	055	10.00		81	69	73	67	10	22	28.99	30.00
04	SCT	250	10.00		73	69	70	87	3	17	28.78	29.78	04	BKN	080	10.00		78	68	71	71	11	22	29.00	30.01
07	BKN	250	10.00		74	70	71	88	0	00	28.81	29.81	07	BKN	250	9.00		78	68	71	71	7	23	29.03	30.04
10	BKN	037	10.00		81	66	71	61	6	32	28.84	29.85	10	FEW	250	10.00		87	67	73	51	16	24	29.02	30.03
13	BKN	042	10.00		84	63	70	49	15	02	28.84	29.85	13	SCT	250	10.00		92	69	76	47	16	23	28.98	29.98
16	BKN	060	10.00		81	62	69	53	11	02	28.84	29.84	16	SCT	250	10.00		94	65	74	38	17	23	28.90	29.91
19	BKN	070	10.00		79	62	68	56	13	04	28.86	29.88	19	SCT	250	10.00		91	66	74	44	9	26	28.89	29.90
22	FEW	070	10.00		73	63	67	71	10	04	28.91	29.92	22	BKN	150	10.00		84	68	73	59	6	21	28.94	29.95
SUNRISE: 0520					JUN 18				SUNSET: 1954				SUNRISE: 0521					JUN 24				SUNSET: 1956			
01	BKN	150	10.00		72	63	66	73	8	05	28.94	29.96	01	OVC	075	5.00	VCTS -RA BR -RA	71	68	69	90	5	14	29.00	30.01
04	FEW	120	10.00		69	63	65	81	7	02	28.95	29.96	04	OVC	130	10.00		73	70	71	90	14	22	28.95	29.96
07	FEW	120	10.00		71	61	65	71	7	05	29.03	30.05	07	OVC	130	10.00		71	66	68	84	6	24	28.97	29.98
10	FEW	250	10.00		79	62	68	56	5	04	29.09	30.10	10	BKN	170	10.00		76	67	70	74	7	21	29.02	30.03
13	SCT	250	10.00		85	62	70	46	6	02	29.09	30.10	13	BKN	180	10.00		84	68	73	59	9	26	29.02	30.03
16	BKN	250	10.00		86	58	68	39	3	VR	29.08	30.10	16	SCT	250	10.00		87	69	75	55	7	VR	28.99	30.00
19	BKN	080	10.00		83	59	68	44	7	04	29.11	30.13	19	SCT	250	10.00		85	72	76	65	8	24	28.99	30.00
22	CLR	NC	10.00		77	61	67	58	6	24	29.18	30.19	22	FEW	250	10.00		78	67	71	69	0	00	29.01	30.02

KNOXVILLE, TN JUNE Temperatures



KNOXVILLE, TN JUNE Precipitation





JUNE 2016
KNOXVILLE, 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

NCDC now offers free online access to the **Edited Local Climatological Data Publication**. Go to : www.ncdc.noaa.gov and choose Most Popular.

We welcome your questions or comments, please contact us at:
(828) 271-4800, option 2
Fax Number : 828-271-4876
TDD : (828) 271-4010
or Email : ncdc.orders@noaa.gov

NOAA\National Climatic Data Center
Attn: User Engagement & Services Branch
151 Patton Avenue
Asheville, NC 28801-5001