



SEPTEMBER 2016 LOCAL CLIMATOLOGICAL DATA

NOAA, National Centers for Environmental Information

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 11	1300 LST 12	2400 LST 13	2400 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	91	72	82	8	68	72	0	17	RA	0		0.0	T	28.87	29.89	4.0	02	6.5	24	35	18	34	01	
02	85	68	77	3	62	67	0	12		0		0.0	0.00	28.90	29.92	11.7	04	12.1	30	02	22	05	02	
03	87	61	74	0	55	63	0	9		0		0.0	0.00	29.02	30.05	4.2	05	5.2	16	05	13	05	03	
04	90	61	76	2	57	64	0	11		0		0.0	0.00	29.11	30.14	2.0	01	3.2	12	33	10	30	04	
05	91	64	78	4	59	66	0	13		0		0.0	0.00	29.16	30.19	0.7	36	2.0	12	36	10	35	05	
06	94	64	79	5	58	66	0	14		0		0.0	0.00	29.16	30.17	0.9	34	2.7	14	21	9	01	06	
07	95	65	80	6	59	67	0	15		0		0.0	0.00	29.12	30.13	0.7	32	2.5	13	27	10	27	07	
08	95*	67	81	7	60	68	0	16		0		0.0	0.00	29.02	30.03	2.6	25	3.8	19	25	14	26	08	
09	94	70	82	9	60	68	0	17		0		0.0	0.00	28.99	30.00	3.6	25	4.4	20	26	13	25	09	
10	93	67	80	7	62	68	0	15	TS TSRA RA	0		0.0	0.35	28.98	30.01	6.0	21	6.8	37*	24	28	26	10	
11	86	68	77	4	60	66	0	12	RA	0		0.0	T	29.07	30.09	2.5	36	5.3	17	01	14	36	11	
12	91	58	75	2	59	65	0	10		0		0.0	0.00	29.05	30.07	0.9	36	2.1	14	24	12	24	12	
13	92	69	81	9	63	69	0	16		0		0.0	0.00	29.08	30.10	0.7	01	3.2	15	11	12	11	13	
14	94	69	82*	10	64	69	0	17		0		0.0	0.00	29.08	30.09	1.5	02	3.1	20	34	15	01	14	
15	94	65	80	9	59	67	0	15		0		0.0	0.00	29.05	30.06	4.4	03	5.0	20	06	13	02	15	
16	93	65	79	8	62	68	0	14		0		0.0	0.00	29.05	30.07	2.4	20	4.3	20	15	17	15	16	
17	91	67	79	8	61	68	0	14		0		0.0	0.00	29.04	30.05	3.0	19	4.5	22	19	18	19	17	
18	81	68	75	5	65	68	0	10	RA BR	0		0.0	0.56	28.97	29.98	0.7	34	5.2	19	32	15	33	18	
19	87	68	78	8	65	69	0	13	BR	0		0.0	0.00	28.97	30.00	3.1	02	3.8	20	02	13	04	19	
20	88	65	77	7	61	67	0	12		0		0.0	0.00	29.04	30.06	6.9	04	7.4	20	06	17	05	20	
21	90	64	77	7	59	66	0	12		0		0.0	0.00	29.05	30.07	5.0	03	5.4	19	01	14	04	21	
22	91	64	78	9	60	66	0	13		0		0.0	0.00	29.02	30.03	4.2	03	4.6	18	01	15	03	22	
23	90	65	78	10	61	67	0	13		0		0.0	0.00	29.02	30.04	0.9	01	2.4	16	01	13	35	23	
24	92	63	78	10	60	67	0	13		0		0.0	0.00	29.03	30.05	1.9	04	3.2	19	04	9	12	24	
25	94	66	80	12	62	68	0	15		0		0.0	0.00	29.02	30.03	2.1	30	3.4	16	30	12	30	25	
26	88	69	79	12	65	68	0	14	TS TSRA RA	0		0.0	0.41	28.98	30.00	5.1	23	5.8	36	23	32*	23	26	
27	80	61	71	4	60	64	0	6	RA	0		0.0	0.10	28.92	29.93	1.8	30	4.1	20	01	16	36	27	
28	82	55	69	3	48	58	0	4		0		0.0	0.00	28.87	29.90	3.4	23	5.8	23	20	16	33	28	
29	72	58	65	-1	51	57	0	0		0		0.0	0.00	28.95	29.99	4.1	32	5.0	17	30	14	31	29	
30	72	49*	61*	-4	47	53	4	0		0		0.0	0.00	28.98	30.02	3.9	24	5.1	17	24	14	24	30	

88.8	64.5	76.6	☼	59.7	66.0	0.1	12.1	< MONTHLY AVERAGES TOTALS >				0.0	1.42	29.02	30.04	1.1	36	4.6	< MONTHLY AVERAGES			
7.0	4.1	5.5		-----DEPARTURE FROM NORMAL -----								-1.82	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 0.56 DATE : 18				SEA LEVEL PRESSURE				DATE TIME						
MONTHLY				SEASON TO DATE				GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.26 05 1011										
TOTAL DEPARTURE				TOTAL DEPARTURE				GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.85 28 1753										
HEATING :		4 -19		4 -19				NUMBER OF DAYS WITH		MAXIMUM TEMP >= 90 : 19		MINIMUM TEMP <= 32 : 0		PRECIPITATION >= 0.01 INCH : 4								
COOLING :		362 156		2011 524						MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH : 4								
										THUNDERSTORMS : 2		HEAVY FOG : 0		SNOWFALL >= 1.0 INCH : 0								

SEPTEMBER 2016
KNOXVILLE, TN

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

KNOXVILLE, TN (KTYS)
SEPTEMBER 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	T	T	
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												09	0.00	0.00	
10													10						0.01	0.33	T	0.01			10	0.35	0.35	
11	T	T											11												11	T	T	
12													12												12	0.00	0.00	
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	0.03	0.03	0.10	0.27	0.09	0.04	T					18	0.56	0.56	
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												25	0.00	0.00	
26													26	T	0.37	0.03	T		T			0.01	T		26	0.41	0.41	
27		T	0.01	0.01	0.03	0.04	T	0.01					27												27	0.10	0.10	
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)	0.14	0.20	0.24	0.26	0.34	0.37	0.37	0.39	0.43	0.45	0.46	0.46
Ending Date	10	10	10	26	26	26	26	26	18	18	18	18
Ending Time (Hr/Min)	2035	2038	2041	1335	1340	1344	1344	1430	1617	1640	1640	1640

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	GL Glaze
VC In the Vicinity	UP Unkown Precipitation		

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

KNOXVILLE, TN SEPTEMBER 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:2200ft Dir:W
Augmented Elements:TEMP, PRECIP, SNOW
Equipment:SRG, PSY, SNOWBOARD, SNOWSTICK

Date	VISIBILITY (MILES)	
	MINIMUM	MAXIMUM
01	10.00	10.00
02	10.00	10.00
03	10.00	10.00
04	10.00	10.00
05	10.00	10.00
06	10.00	10.00
07	9.00	10.00
08	10.00	10.00
09	9.00	10.00
10	3.00	10.00
11	10.00	10.00
12	10.00	10.00
13	9.00	10.00
14	10.00	10.00
15	10.00	10.00
16	9.00	10.00
17	8.00	10.00
18	1.50	10.00
19	5.00	10.00
20	7.00	10.00
21	10.00	10.00
22	10.00	10.00
23	10.00	10.00
24	10.00	10.00
25	10.00	10.00
26	3.00	10.00
27	7.00	10.00
28	9.00	10.00
29	10.00	10.00
30	9.00	10.00
AVGS	8.62	10.00
MINIMUM VISIBILITY (MILES)		
<= .25	<= 3.0	>= 7.0
0	3	26

OBSERVATIONS AT 3-HOURLY INTERVALS

KNOXVILLE, TN
SEPTEMBER 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: 0608 SEP 01					SUNSET: 1905					SUNRISE: 0612 SEP 07					SUNSET: 1855										
01	SCT	150	10.00		75	70	72	84	0	00	28.88	29.89	01	CLR	NC	10.00		71	61	65	71	3	06	29.14	30.15
04	FEW	120	10.00		73	69	70	87	6	26	28.86	29.87	04	CLR	NC	10.00		68	61	64	78	0	00	29.13	30.14
07	SCT	150	10.00		75	69	71	82	0	00	28.89	29.90	07	CLR	NC	10.00		66	60	62	81	0	00	29.18	30.19
10	SCT	250	10.00		83	69	73	63	0	00	28.90	29.91	10	FEW	032	10.00		81	63	69	54	0	00	29.19	30.21
13	BKN	200	10.00		90	67	74	47	8	26	28.85	29.86	13	SCT	150	9.00		91	58	70	33	6	29	29.15	30.16
16	BKN	130	10.00		85	68	73	57	13	07	28.85	29.86	16	SCT	150	10.00		93	52	68	25	5	VR	29.06	30.07
19	BKN	250	10.00		78	66	70	67	9	04	28.87	29.89	19	FEW	100	10.00		87	58	69	37	3	32	29.05	30.07
22	SCT	250	10.00		74	67	69	79	9	03	28.91	29.93	22	BKN	090	10.00		80	61	68	52	0	00	29.07	30.08
SUNRISE: 0608 SEP 02					SUNSET: 1904					SUNRISE: 0613 SEP 08					SUNSET: 1854										
01	BKN	250	10.00		72	66	68	82	10	05	28.91	29.92	01	CLR	NC	10.00		74	61	66	64	0	00	29.05	30.06
04	BKN	250	10.00		69	62	65	78	10	04	28.89	29.91	04	CLR	NC	10.00		69	62	65	78	0	00	29.04	30.06
07	BKN	250	10.00		68	61	64	78	8	04	28.89	29.91	07	CLR	NC	10.00		70	61	64	73	0	00	29.06	30.07
10	BKN	250	10.00		77	61	67	58	14	05	28.89	29.91	10	CLR	NC	10.00		83	62	69	49	7	22	29.07	30.08
13	BKN	250	10.00		82	62	69	51	17	03	28.88	29.89	13	BKN	180	10.00		92	59	71	33	10	23	29.03	30.04
16	OVC	085	10.00		83	62	69	49	14	04	28.87	29.88	16	BKN	250	10.00		92	58	70	32	5	29	28.96	29.97
19	SCT	150	10.00		77	62	67	60	10	06	28.91	29.93	19	BKN	250	10.00		86	59	69	40	5	25	28.94	29.95
22	CLR	NC	10.00		71	60	64	68	9	04	28.97	29.99	22	FEW	250	10.00		79	62	68	56	3	19	28.98	30.00
SUNRISE: 0609 SEP 03					SUNSET: 1902					SUNRISE: 0614 SEP 09					SUNSET: 1852										
01	CLR	NC	10.00		67	60	63	79	3	05	28.99	30.01	01	CLR	NC	10.00		75	62	67	64	3	17	28.98	29.98
04	CLR	NC	10.00		65	59	61	81	7	02	28.99	30.01	04	CLR	NC	10.00		72	62	66	71	0	00	28.98	29.99
07	BKN	250	10.00		63	59	61	87	5	05	29.04	30.06	07	BKN	250	10.00		72	63	66	73	0	00	29.03	30.04
10	SCT	250	10.00		76	57	64	52	5	VR	29.07	30.09	10	SCT	250	10.00		85	61	69	45	8	23	29.05	30.06
13	BKN	060	10.00		82	54	65	38	5	08	29.04	30.06	13	BKN	250	10.00		92	58	70	32	11	29	29.01	30.02
16	SCT	070	10.00		85	49	64	29	9	06	29.00	30.02	16	BKN	250	10.00		93	57	70	30	9	28	28.95	29.96
19	CLR	NC	10.00		79	52	63	39	7	06	29.02	30.04	19	BKN	250	10.00		88	58	69	36	3	28	28.96	29.97
22	CLR	NC	10.00		70	54	61	57	3	08	29.06	30.08	22	SCT	250	10.00		81	60	68	49	3	19	29.00	30.01
SUNRISE: 0610 SEP 04					SUNSET: 1859					SUNRISE: 0614 SEP 10					SUNSET: 1851										
01	FEW	080	10.00		68	56	61	65	0	00	29.08	30.10	01	BKN	250	10.00		76	61	67	60	0	00	28.98	29.99
04	FEW	095	10.00		63	57	60	81	0	00	29.10	30.12	04	FEW	250	10.00		69	63	65	81	0	00	28.98	29.99
07	BKN	100	10.00		63	58	60	84	0	00	29.15	30.17	07	FEW	250	10.00		71	62	65	73	3	22	29.03	30.04
10	SCT	100	10.00		78	59	66	52	3	VR	29.16	30.19	10	SCT	250	10.00		85	59	68	42	11	23	29.06	30.07
13	FEW	065	10.00		86	58	68	39	3	VR	29.14	30.15	13	SCT	080	10.00		91	58	70	33	11	22	29.00	30.01
16	SCT	050	10.00		89	54	67	30	6	VR	29.08	30.09	16	SCT	090	10.00		93	60	71	33	15	22	28.91	29.92
19	SCT	250	10.00		84	55	66	37	6	01	29.08	30.10	19	BKN	100	10.00		88	59	69	38	6	19	28.93	29.94
22	CLR	NC	10.00		75	59	65	58	3	05	29.14	30.16	22	OVC	100	10.00	-RA	71	67	68	87	9	15	29.05	30.06
SUNRISE: 0611 SEP 05					SUNSET: 1858					SUNRISE: 0615 SEP 11					SUNSET: 1849										
01	CLR	NC	10.00		71	61	65	71	3	31	29.15	30.17	01	OVC	055	10.00	-RA	71	68	69	90	8	27	29.06	30.07
04	CLR	NC	10.00		65	60	62	84	0	00	29.16	30.19	04	OVC	044	10.00		71	66	68	84	0	00	29.05	30.06
07	CLR	NC	10.00		65	60	62	84	3	24	29.21	30.24	07	BKN	150	10.00		71	65	67	81	0	00	29.09	30.10
10	FEW	029	10.00		77	61	67	58	5	VR	29.23	30.26	10	BKN	048	10.00		76	64	68	67	7	06	29.13	30.14
13	SCT	045	10.00		85	61	70	45	6	30	29.18	30.20	13	OVC	250	10.00		81	58	67	45	3	VR	29.09	30.11
16	SCT	065	10.00		90	55	68	31	5	VR	29.12	30.14	16	BKN	250	10.00		84	53	65	34	6	VR	29.03	30.05
19	SCT	250	10.00		86	56	67	36	0	00	29.12	30.13	19	FEW	250	10.00		78	53	63	42	7	35	29.04	30.06
22	SCT	250	10.00		76	59	65	56	0	00	29.15	30.17	22	BKN	250	10.00		70	56	62	61	6	06	29.08	30.10
SUNRISE: 0611 SEP 06					SUNSET: 1857					SUNRISE: 0616 SEP 12					SUNSET: 1848										
01	SCT	250	10.00		71	60	64	68	0	00	29.18	30.19	01	BKN	250	10.00		67	58	62	73	3	02	29.06	30.07
04	CLR	NC	10.00		67	60	63	79	0	00	29.15	30.17	04	CLR	NC	10.00		64	58	60	81	0	00	29.05	30.07
07	SCT	075	10.00		66	60	62	81	0	00	29.21	30.22	07	SCT	250	10.00		60	57	58	90	0	00	29.09	30.11
10	FEW	065	10.00		81	61	68	51	0		29.21	30.23	10	SCT	250	10.00		75	58	65	55	0	00	29.12	30.14
13	SCT	050	10.00		90	58	69	34	7	34	29.18	30.20	13	SCT	180	10.00		86	59	69	40	5	VR	29.06	30.08
16	SCT	060	10.00		93	52	68	25			29.13	30.14	16	FEW	200	10.00		91	55	68	30	5	29	29.00	30.01
19	FEW	060	10.00		87	57	68	36	3	35	29.10	30.12	19	SCT	250	10.00		84	60	69	44	3	02	29.00	30.02
22	SCT	075	10.00		78	60	67	54	5	05	29.13	30.14	22	FEW	250	10.00		76	62	67	62	0	00	29.05	30.07

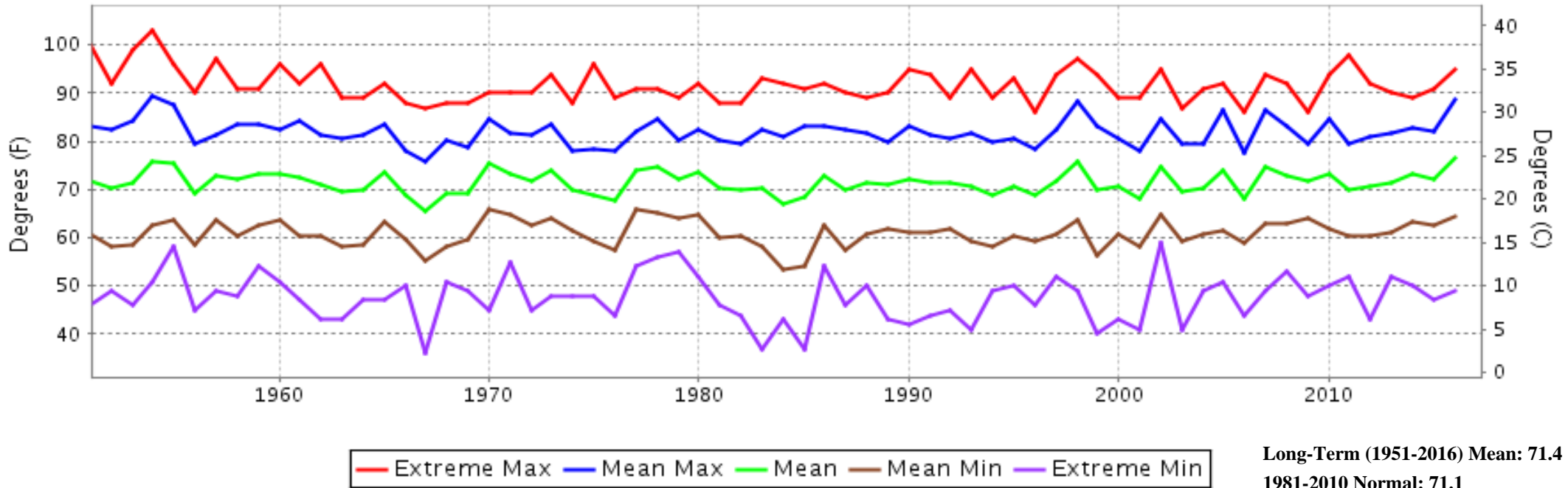
OBSERVATIONS AT 3-HOURLY INTERVALS

KNOXVILLE, TN
SEPTEMBER 2016 KTYS

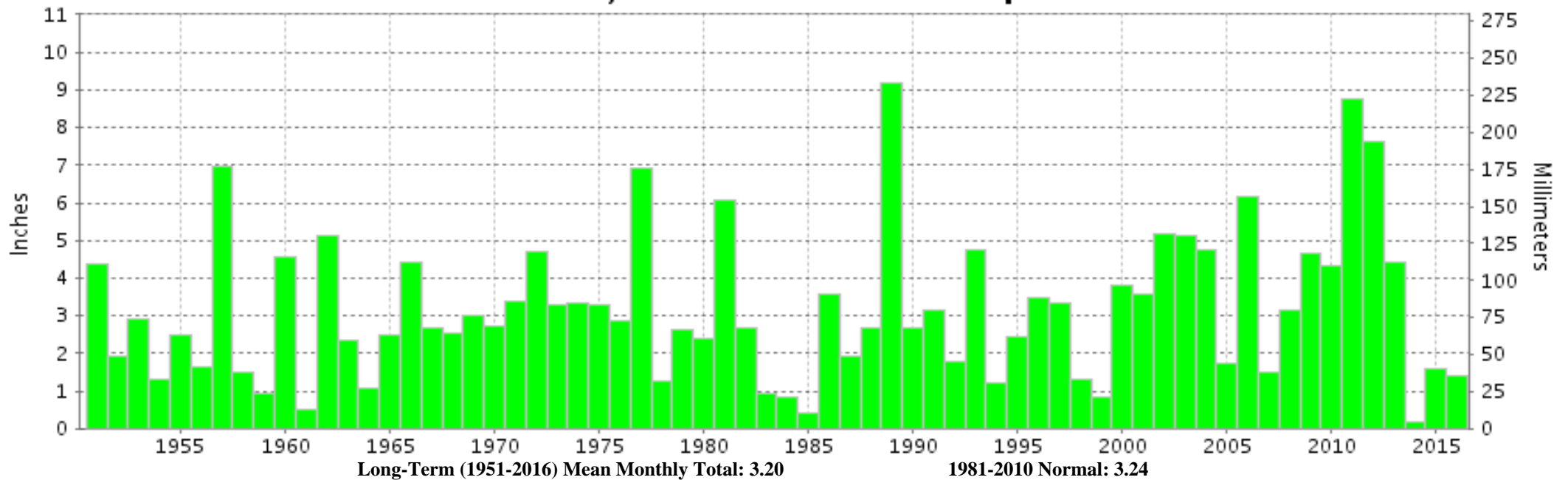
WBAN # 13891

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F						PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F						PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0617 SEP 13					SUNSET: 1846						SUNRISE: 0621 SEP 19					SUNSET: 1838									
01	BKN	070	10.00		73	64	67	74	0	00	29.07	30.08	01	OVC	065	10.00		68	66	67	93	6	05	28.94	29.96
04	SCT	075	10.00		71	63	66	76	3	04	29.08	30.09	04	OVC	006	10.00		68	66	67	93	0	00	28.94	29.97
07	SCT	080	9.00		70	64	66	82	0	00	29.13	30.14	07	OVC	005	5.00	BR	69	67	68	93	0	00	29.00	30.02
10	SCT	250	10.00		82	65	71	56	0	00	29.15	30.16	10	BKN	015	10.00		73	67	69	81	0	00	29.02	30.04
13	SCT	200	10.00		88	61	70	40	0	00	29.11	30.13	13	SCT	036	10.00		82	67	72	60	5	04	29.00	30.01
16	SCT	250	10.00		92	61	72	36	3	VR	29.03	30.04	16	SCT	049	10.00		86	63	71	46	7	01	28.95	29.96
19	BKN	250	10.00		85	64	71	50	8	36	29.05	30.06	19	FEW	055	10.00		79	64	69	60	6	35	28.97	29.98
22	FEW	100	10.00		79	65	70	62	5	25	29.08	30.09	22	SCT	055	10.00		73	63	67	71	3	06	29.01	30.03
SUNRISE: 0617 SEP 14					SUNSET: 1845						SUNRISE: 0622 SEP 20					SUNSET: 1836									
01	CLR	NC	10.00		76	64	68	67	5	26	29.09	30.09	01	CLR	NC	10.00		71	64	67	79	6	01	29.02	30.03
04	CLR	NC	10.00		69	65	66	87	3	07	29.10	30.11	04	CLR	NC	10.00		68	65	66	90	7	02	29.03	30.04
07	FEW	050	10.00		70	65	67	84	0	00	29.14	30.15	07	SCT	250	7.00		66	63	64	90	3	06	29.07	30.09
10	SCT	200	10.00		82	64	70	55	5	VR	29.15	30.16	10	SCT	250	10.00		78	65	70	64	11	07	29.10	30.12
13	SCT	250	10.00		89	64	72	43	8	36	29.09	30.09	13	SCT	250	10.00		86	59	69	40	11	05	29.06	30.07
16	BKN	250	10.00		90	61	71	38	7	VR	29.01	30.02	16	SCT	060	10.00		85	59	68	42	13	05	29.01	30.03
19	BKN	250	10.00		83	63	70	51	0	00	29.02	30.04	19	FEW	065	10.00		80	57	66	45	3	05	29.02	30.04
22	SCT	250	10.00		75	66	69	74	0	00	29.06	30.07	22	CLR	NC	10.00		72	60	65	66	5	04	29.05	30.07
SUNRISE: 0618 SEP 15					SUNSET: 1843						SUNRISE: 0623 SEP 21					SUNSET: 1835									
01	FEW	080	10.00		70	66	67	87	3	07	29.07	30.08	01	CLR	NC	10.00		68	61	64	78	5	04	29.05	30.06
04	CLR	NC	10.00		69	65	66	87	3	05	29.06	30.07	04	SCT	070	10.00		66	61	63	84	3	05	29.06	30.08
07	SCT	250	10.00		67	64	65	91	0	00	29.08	30.10	07	FEW	250	10.00		65	60	62	84	0	00	29.07	30.09
10	SCT	250	10.00		81	61	68	51	8	07	29.11	30.12	10	FEW	250	10.00		77	63	68	62	3	VR	29.12	30.13
13	BKN	250	10.00		91	53	67	27	8	03	29.06	30.07	13	FEW	250	10.00		87	59	69	39	9	03	29.06	30.07
16	BKN	250	10.00		93	52	68	25	7	06	28.99	30.00	16	FEW	050	10.00		90	54	68	29	13	03	29.01	30.02
19	FEW	250	10.00		86	53	66	32	3	07	29.00	30.01	19	FEW	070	10.00		82	58	67	44	6	36	29.01	30.03
22	CLR	NC	10.00		77	58	65	52	0	00	29.04	30.05	22	CLR	NC	10.00		76	60	66	58	7	04	29.04	30.05
SUNRISE: 0619 SEP 16					SUNSET: 1842						SUNRISE: 0624 SEP 22					SUNSET: 1833									
01	CLR	NC	10.00		73	60	65	64	0	00	29.05	30.06	01	CLR	NC	10.00		71	61	65	71	6	05	29.03	30.04
04	CLR	NC	10.00		71	62	65	73	0	00	29.05	30.06	04	CLR	NC	10.00		68	61	64	78	6	01	29.02	30.03
07	FEW	250	10.00		67	62	64	84	3	04	29.10	30.11	07	FEW	250	10.00		64	61	62	90	5	07	29.06	30.09
10	SCT	250	10.00		81	63	69	54	0	00	29.14	30.15	10	FEW	250	10.00		78	62	68	58	3	03	29.08	30.09
13	SCT	250	9.00		89	63	72	42	6	VR	29.07	30.08	13	SCT	250	10.00		86	58	68	39	10	36	29.03	30.04
16	SCT	250	10.00		91	61	71	37	7	23	29.00	30.01	16	SCT	250	10.00		88	58	69	36	8	02	28.97	29.98
19	BKN	250	10.00		82	63	70	53	10	15	29.02	30.03	19	FEW	250	10.00		82	59	67	46	3	05	28.97	29.98
22	SCT	075	10.00		78	62	68	58	0	00	29.07	30.08	22	SCT	250	10.00		75	62	67	64	6	03	29.00	30.01
SUNRISE: 0620 SEP 17					SUNSET: 1841						SUNRISE: 0624 SEP 23					SUNSET: 1832									
01	CLR	NC	10.00		73	63	67	71	0	00	29.06	30.07	01	CLR	NC	10.00		71	62	65	73	0	00	29.01	30.02
04	CLR	NC	10.00		69	65	66	87	0	00	29.07	30.08	04	CLR	NC	10.00		67	63	65	87	0	00	29.01	30.03
07	SCT	200	8.00		69	65	66	87	0	00	29.09	30.11	07	FEW	080	10.00		67	62	64	84	0	00	29.06	30.08
10	SCT	250	10.00		80	64	70	58	5	VR	29.11	30.12	10	FEW	250	10.00		78	62	68	58	3	VR	29.08	30.10
13	SCT	250	10.00		87	57	68	36	5	VR	29.04	30.05	13	SCT	045	10.00		87	60	70	40	9	02	29.04	30.05
16	SCT	250	10.00		90	57	69	33	9	22	28.98	29.99	16	SCT	250	10.00		87	58	69	37	5	36	28.99	30.00
19	BKN	250	10.00		84	57	67	40	10	18	28.98	30.00	19	FEW	250	10.00		83	59	68	44	0	00	28.98	30.00
22	SCT	250	10.00		79	59	66	50	3	24	29.02	30.03	22	FEW	250	10.00		74	63	67	69	0	00	29.01	30.03
SUNRISE: 0621 SEP 18					SUNSET: 1839						SUNRISE: 0625 SEP 24					SUNSET: 1830									
01	OVC	065	10.00		78	61	67	56	3	22	28.99	30.00	01	CLR	NC	10.00		70	62	65	76	0	00	29.03	30.04
04	OVC	090	10.00		77	61	67	58	0	00	28.96	29.97	04	CLR	NC	10.00		65	61	63	87	3	06	29.03	30.05
07	OVC	055	10.00		75	63	67	66	0	00	28.98	29.99	07	FEW	200	10.00		65	61	63	87	0	00	29.07	30.09
10	OVC	060	10.00		81	64	70	57	10	21	28.98	29.99	10	FEW	035	10.00		79	62	68	56	3	06	29.09	30.11
13	OVC	046	6.00	-RA BR	75	71	72	88	10	28	28.97	29.98	13	SCT	055	10.00		89	59	70	36	0	00	29.05	30.06
16	OVC	046	3.00	-RA BR	68	66	67	93	7	03	28.95	29.97	16	SCT	065	10.00		91	57	69	32	5	11	29.00	30.01
19	OVC	060	5.00	BR	69	67	68	93	7	05	28.95	29.97	19	CLR	NC	10.00		84	59	68	43	7	01	29.00	30.01
22	OVC	039	10.00		68	66	67	93	6	02	28.97	29.98	22	CLR	NC	10.00		77	61	67	58	3	06	29.02	30.03

KNOXVILLE, TN SEPTEMBER Temperatures



KNOXVILLE, TN SEPTEMBER Precipitation





SEPTEMBER 2016

KNOXVILLE, 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 that reads "Margarita Fess".

DIRECTOR (ACTING)

NCEI 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 Centers for Environmental Information
Attn: User Engagement & Services Branch
151 Patton Avenue
Asheville, NC 28801-5001