



# JUNE 2000

## LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

# KNOXVILLE, TN

MC GHEE TYSON AIRPORT (TYS)  
 Lat: 35° 49' N Long: 83° 59' W Elev (Ground): 992 Feet  
 Time Zone: EASTERN WBAN: 13891 ISSN #: 0198-4810

DATE	TEMPERATURE °F						DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION (INCHES)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES						DATE	
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING		0700 LST	1300 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM				
										DEPTH	WATER EQUIV	SNOW-FALL	WATER EQUIV						SPEED	DIR	SPEED		DIR
01	86	63	75	4	64	68	0	10	BR HZ	0		0.0	0.00	29.12	30.15	0.5	27	1.2	10	26	8	24	01
02	87	66	77	6	66	70	0	12	BR HZ	0		0.0	0.00	29.08	30.11	3.6	25	4.6	15	28	11	23	02
03	83	66	75	4	67	69	0	10	TS RA BR HZ	0		0.0	0.06	29.02	30.04	0.6	27	3.5	26	32	21	33	03
04	78	64	71	0	67	68	0	6	FG+ BR HZ	0		0.0	0.00	28.96	29.99	2.1	25	4.1	14	20	13	20	04
05	75	63	69	-2	66	67	0	4	TS TSRA RA BR	0		0.0	0.83	28.87	29.90	6.8	23	7.8	20	23	17	21	05
06	65	54	60*	-11	53	56	5	0	BR	0		0.0	0.00	29.04	30.08	5.0	01	7.6	22	02	18	36	06
07	77	51*	64	-8	52	57	1	0	BR	0		0.0	0.00	29.15	30.19	4.6	06	5.8	23	07	20	08	07
08	81	53	67	-5	56	61	0	2		0		0.0	0.00	29.13	30.17	3.4	26	4.3	20	25	16	26	08
09	85	58	72	0	60	65	0	7	BR HZ	0		0.0	0.00	29.12	30.16	0.8	28	1.5	13	29	11	29	09
10	88	61	75	3	65	69	0	10	BR HZ	0		0.0	0.00	29.11	30.14	1.0	33	2.3	13	28	10	29	10
11	90	66	78	6	66	70	0	13	BR HZ	0		0.0	0.00	29.11	30.14	1.6	27	2.3	13	29	10	26	11
12	90	67	79	6	67	71	0	14	BR HZ	0		0.0	0.00	29.10	30.13	2.0	26	2.6	16	28	13	28	12
13	90	67	79	6	68	70	0	14	TS BR HZ	0		0.0	0.00	29.04	30.07	1.7	22	3.0	21	17	17	17	13
14	92*	68	80	7	68	72	0	15	TS RA BR	0		0.0	T	28.98	30.00	6.9	23	7.9	30	24	25	24	14
15	90	72	81*	8	68	71	0	16	TS TSRA RA	0		0.0	0.22	28.90	29.92	8.0	23	9.3	34*	15	28	16	15
16	81	69	75	1	69	71	0	10	RA BR	0		0.0	0.14	28.95	29.98	8.4	23	8.9	32	22	26	21	16
17	87	68	78	4	69	71	0	13	TS TSRA RA	0		0.0	0.08	29.06	30.09	8.0	24	8.5	24	28	21	28	17
18	83	68	76	2	70	72	0	11	TS TSRA RA BR	0		0.0	0.16	29.10	30.13	7.7	26	8.4	21	25	18	24	18
19	83	70	77	3	70	72	0	12	RA BR	0		0.0	0.03	29.10	30.13	5.8	25	6.4	17	22	15	22	19
20	83	71	77	3	71	73	0	12	TS RA BR	0		0.0	0.03	29.05		3.0	23	3.5	10	22	9	22	20
21	88	70	79	5	69	72	0	14	TS RA	0		0.0	0.02	28.96	29.98	9.2	24	10.3	30	22	28*	22	21
22	83	69	76	2	67	70	0	11	TSRA RA BR	0		0.0	0.77	28.96	29.98	4.8	27	5.7	16	31	14	31	22
23	88	65	77	2	64	68	0	12	BR	0		0.0	0.00	29.01	30.04	2.0	24	2.9	14	23	10	26	23
24	90	65	78	3	64	69	0	13		0		0.0	0.00	29.01	30.03	3.8	23	4.8	18	25	17	25	24
25	89	70	80	5	67	71	0	15		0		0.0	0.00	28.98	30.00	7.9	24	8.8	23	20	18	23	25
26	87	70	79	4	67	71	0	14		0		0.0	0.00	29.01	30.03	5.6	25	7.0	22	26	20	26	26
27	86	69	78	3	68	71	0	13	RA	0		0.0	T	29.02	30.04	5.7	26	6.3	22	24	18	24	27
28	80	71	76	1	70	71	0	11	TS TSRA RA BR	0		0.0	0.66	28.95	29.97	4.8	26	5.6	20	24	15	22	28
29	80	65	73	-2	63	66	0	8	TS RA BR	0		0.0	0.36	28.91	29.94	0.8	35	2.6	15	31	12	32	29
30	81	62	72	-3	58	64	0	7	BR	0		0.0	0.00	28.98	30.01	1.3	05	3.0	14	05	10	03	30

84.2	65.4	74.8	■ ■	65.3	68.5	0.2	10.3	< MONTHLY AVERAGES	TOTALS-->	0.0	3.36	29.02		3.3	24	5.4	<- MONTHLY AVERAGES
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- .3 3.6 1.6 ■ ■ <----- DEPARTURE FROM NORMAL -----> -.61 SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3

<b>DEGREE DAYS</b>				GREATEST 24-HR PRECIPITATION: 0.83 DATE: 05				SEA LEVEL PRESSURE DATE TIME			
MONTHLY TOTAL DEPARTURE				SEASON TO DATE TOTAL DEPARTURE				GREATEST 24-HR SNOWFALL: 0.0 DATE:			
HEATING: 6 6 3309 -628				GREATEST SNOW DEPTH: 0 DATE:				MAXIMUM MINIMUM : 30.26 07 0753			
COOLING: 309 63 478 117				NUMBER OF DAYS WITH →				PRECIPITATION ≥ 0.01 INCH : 12			
				MAXIMUM TEMP ≥ 90: 6				PRECIPITATION ≥ 0.10 INCH : 7			
				MINIMUM TEMP ≤ 32: 0				SNOWFALL ≥ 1.0 INCH : 0			
				MAXIMUM TEMP ≤ 32 : 0							
				THUNDERSTORMS : 12							
				MINIMUM TEMP ≤ 0 : 0							
				HEAVY FOG : 1							

JUNE 2000  
KNOXVILLE, TN

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

## KNOXVILLE, TN

JUNE 2000

TYS

WBAN # 13891

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	2400 LST	
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			Water	Equiv.
01													01												01		0.00		
02													02												02		0.00		
03													03	0.03	0.01				0.01	0.01					03		0.06		
04													04												04		0.00		
05				T	0.51	0.06	0.01	0.07	0.03	T			05					0.15	T					05		0.83			
06													06											06		0.00			
07													07											07		0.00			
08													08											08		0.00			
09													09											09		0.00			
10													10											10		0.00			
11													11											11		0.00			
12													12											12		0.00			
13													13											13		0.00			
14													14									T		14		T			
15		T	T										15		0.03	0.10	0.09	T					15		0.22				
16													16											16		0.14			
17													17		T	0.11	0.01	T					17		0.08				
18	0.02	0.01	T	T									18	0.02		T		T		T	T	0.07	T	0.01	0.06	0.17	0.16		
19	T	0.01	T										19											19		0.03			
20													20						T					20		0.03			
21													21							T	0.02			21		0.02			
22		0.10	0.43	0.13	0.07	0.04	T						22											22		0.77			
23													23											23		0.00			
24													24											24		0.00			
25													25											25		0.00			
26													26											26		0.00			
27													27											27		T			
28													28		T		0.01	0.21	0.02					28	0.28	0.66			
29		T	0.01	0.11	0.13	0.06	0.02	0.03					29								T	T		29		0.36			
30													30											30		0.00			

### MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.19	.25	.34	.36	.38	.46	.51	.54	.57	.64	.68	.72
Ending Date	22	22	22	22	22	22	22	22	22	22	22	22
Ending Time (Hour/Min)	0233	0233	0233	0233	0233	0233	0240	0258	0321	0339	0411	0437

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. 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.

# 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 1961 – 1990

## WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
	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	SQ Squalls
PR Partial	RA Rain	PY Spray	SS Sandstorm
SH Shower(s)	SG Snow Grains	SA Sand	GL Glaze
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unknown Precipitation		

Intensity (as indicated on pages 4 to 6):

'+' = Heavy    ' ' = Moderate    '- ' = Light

# KNOXVILLE, TN JUNE 2000

Ceilorometer (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:

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							2.50	10.00	
02							4.00	10.00	
03							4.00	10.00	
04							.25	8.00	
05							1.00	10.00	
06							5.00	10.00	
07							5.00	10.00	
08							7.00	10.00	
09							4.00	10.00	
10							3.00	10.00	
11							2.50	8.00	
12							2.00	8.00	
13							2.00	10.00	
14							5.00	10.00	
15							2.00	10.00	
16							2.50	10.00	
17							10.00	10.00	
18							6.00	10.00	
19							4.00	10.00	
20							5.00	10.00	
21							7.00	10.00	
22							1.75	10.00	
23							3.00	10.00	
24							7.00	10.00	
25							8.00	10.00	
26							7.00	10.00	
27							10.00	10.00	
28							.50	10.00	
29							1.50	10.00	
30							4.00	10.00	
<b>MONTHLY AVGS</b>							4.49	9.80	
<b>SUNSHINE (MINUTES)</b>									
Total:                      Possible:									
Percent Possible:									
<b>NUMBER OF DAYS WITH:</b>									
<b>SKY CONDITION</b>									
CLR   PTLY CLDY   CLOUDY   MISSING									
30									
<b>MINIMUM VISIBILITY (MILES)</b>									
<=0.25    <=3.0    >=7.0									
1            12            7									

# OBSERVATIONS AT 3-HOURLY INTERVALS

# KNOXVILLE, TN

JUNE 2000

TYS

WBAN # 13891

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE ° F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE ° F				WIND		PRESSURE (INCHES, HG)																	
	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)			SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)		SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL																										
SUNRISE: 0521								JUN 01								SUNSET: 1946								SUNRISE: 0520								JUN 07								SUNSET: 1950							
01	CLR	NC				7.00		68	64	66	87	0	00	29.11	30.14	01	CLR	NC					10.00		54	50	52	87	6	01	29.13	30.19															
04	CLR	NC				6.00	BR	65	62	63	90	0	00	29.08	30.11	04	CLR	NC					8.00		52	50	51	93	7	03	29.15	30.21															
07	CLR	NC				3.00	BR	66	63	64	90	0	00	29.16	30.20	07	CLR	NC					9.00		55	51	53	87	8	05	29.19	30.24															
10	CLR	NC				6.00	HZ	78	62	68	58	0	00	29.18	30.22	10	CLR	NC					10.00		65	51	57	61	14	09	29.20	30.25															
13	FEW	NC				10.00		83	63	70	51	0	00	29.15	30.19	13	CLR	NC					10.00		71	50	59	47	10	07	29.16	30.21															
16	CLR	NC				10.00		85	65	72	51	6	29	29.10	30.12	16	CLR	NC					10.00		76	52	62	43	0	00	29.11	30.15															
19	CLR	NC				10.00		84	66	72	55	0	00	29.08	30.10	19	CLR	NC					10.00		74	53	62	48	3	08	29.10	30.14															
22	CLR	NC				9.00		75	66	69	74	0	00	29.10	30.12	22	CLR	NC					10.00		65	56	60	73	0	00	29.11	30.16															
SUNRISE: 0521								JUN 02								SUNRISE: 0520								JUN 08								SUNSET: 1950															
01	CLR	NC				6.00	HZ	71	66	68	84	0	00	29.08	30.11	01	CLR	NC					10.00		61	54	57	78	0	00	29.12	30.16															
04	CLR	NC				7.00		68	65	66	90	5	20	29.11	30.14	04	CLR	NC					10.00		56	53	54	90	0	00	29.12	30.17															
07	SCT	NC				4.00	BR	70	66	67	87	3	24	29.13	30.16	07	CLR	NC					8.00		59	56	57	90	5	01	29.16	30.20															
10	CLR	NC				10.00		80	65	70	60	7	25	29.13	30.16	10	CLR	NC					10.00		70	56	62	61	6	28	29.17	30.22															
13	FEW	NC				10.00		84	62	70	48	9	26	29.10	30.12	13	FEW	NC					10.00		77	56	64	48	9	24	29.14	30.19															
16	SCT	NC				9.00		86	64	71	48	6	30	29.03	30.05	16	CLR	NC					10.00		80	55	65	42	9	28	29.10	30.14															
19	FEW	NC				10.00		83	67	72	59	6	26	29.03	30.06	19	CLR	NC					10.00		78	57	65	48	6	29	29.09	30.12															
22	CLR	NC				9.00		77	67	70	71	0	00	29.05	30.08	22	CLR	NC					10.00		70	58	63	66	0	00	29.10	30.14															
SUNRISE: 0521								JUN 03								SUNRISE: 0519								JUN 09								SUNSET: 1951															
01	BKN	095				7.00		72	68	69	87	3	22	29.04	30.07	01	CLR	NC					8.00		65	60	62	84	0	00	29.11	30.15															
04	CLR	NC				6.00	BR	68	66	67	93	5	23	29.01	30.04	04	CLR	NC					7.00		61	59	60	93	0	00	29.11	30.14															
07	CLR	NC				4.00	BR	71	67	68	87	5	23	29.04	30.06	07	CLR	NC					5.00	BR	62	59	60	90	0	00	29.16	30.20															
10	SCT	NC				5.00	HZ	78	69	72	74	0	00	29.04	30.07	10	CLR	NC					10.00		76	61	67	60	0	00	29.17	30.21															
13	OVC	060				10.00	TS	70	64	66	82	14	33	29.03	30.06	13	CLR	NC					10.00		82	58	67	44	0	00	29.14	30.18															
16	CLR	NC				10.00		76	68	71	77	7	18	29.00	30.03	16	CLR	NC					10.00		85	59	68	42	6	VR	29.10	30.13															
19	BKN	022				7.00	-RA	70	68	69	93	5	06	28.99	30.02	19	CLR	NC					10.00		80	62	69	54	3	23	29.07	30.10															
22	CLR	NC				9.00		69	66	67	90	0	00	29.01	30.03	22	CLR	NC					10.00		74	63	67	69	0	00	29.11	30.14															
SUNRISE: 0520								JUN 04								SUNRISE: 0519								JUN 10								SUNSET: 1951															
01	CLR	NC				7.00		66	65	65	96	3	33	28.98	30.02	01	CLR	NC					9.00		70	62	65	76	0	00	29.11	30.14															
04	VV	001				0.25	FG	64	64	64	100	3	07	28.97	30.00	04	FEW	NC					4.00	BR	64	63	63	96	0	00	29.11	30.14															
07	OVC	003				2.50	BR	65	65	65	100	5	03	28.99	30.02	07	CLR	NC					3.00	BR	66	63	64	90	0	00	29.15	30.19															
10	OVC	007				3.00	BR	69	66	67	90	3	32	28.98	30.01	10	CLR	NC					9.00		79	63	69	58	3	10	29.16	30.19															
13	OVC	015				5.00	BR HZ	76	69	71	79	7	26	28.98	30.01	13	FEW	NC					9.00		85	66	72	53	5	VR	29.11	30.14															
16	BKN	032				5.00	HZ	77	69	72	77	9	22	28.95	29.98	16	FEW	NC					9.00		87	64	72	46	6	31	29.08	30.11															
19	CLR	NC				7.00		75	68	70	79	9	24	28.92	29.95	19	FEW	NC					8.00		84	66	72	55	0	00	29.06	30.09															
22	BKN	030				6.00	BR	72	69	70	91	0	00	28.93	29.96	22	BKN	085					7.00		77	69	72	77	0	00	29.11	30.13															
SUNRISE: 0520								JUN 05								SUNRISE: 0519								JUN 11								SUNSET: 1952															
01	BKN	037				5.00	BR	71	68	69	90	0	00	28.90	29.93	01	CLR	NC					5.00	BR	71	68	69	90	3	23	29.11	30.14															
04	BKN	030				3.00	-RA BR	69	68	68	96	5	16	28.88	29.91	04	CLR	NC					4.00	BR	67	66	66	97	0	00	29.11	30.14															
07	BKN	060				4.00	-RA BR	67	66	66	97	6	19	28.89	29.92	07	SCT	NC					3.00	BR	70	66	67	87	0	00	29.13	30.17															
10	SCT	NC				8.00		67	65	66	93	9	20	28.90	29.93	10	CLR	NC					6.00	HZ	80	67	71	64	0	00	29.16	30.19															
13	BKN	030				10.00		73	66	68	79	15	24	28.87	29.89	13	CLR	NC					7.00		86	65	72	50	5	25	29.13	30.16															
16	BKN	025				10.00		74	66	69	76	13	23	28.83	29.86	16	CLR	NC					7.00		89	61	71	39	0	00	29.09	30.11															
19	BKN	080				3.00	-TSRA BR	66	65	65	96	3	28	28.82	29.86	19	CLR	NC					8.00		85	66	72	53	5	29	29.07	30.09															
22	OVC	010				7.00		66	65	65	96	6	27	28.86	29.90	22	CLR	NC					6.00	HZ	77	69	72	77	0	00	29.11	30.14															
SUNRISE: 0520								JUN 06								SUNRISE: 0519								JUN 12								SUNSET: 1952															
01	FEW	NC				5.00	BR	62	60	61	93	6	28	28.89	29.92	01	FEW	NC					6.00	HZ	73	67	69	81	0	00	29.12	30.15															
04	BKN	060				9.00		60	56	58	86	7	01	28.91	29.95	04	CLR	NC					5.00	BR	70	66	67	87	3	08	29.11	30.13															
07	SCT	NC				10.00		60	53	56	78	0	00	28.98	30.02	07	CLR	NC					2.50	BR	70	67	68	90	0	00	29.14	30.18															
10	BKN	049				10.00		63	52	57	68	14	36	29.05	30.09	10	CLR	NC					5.00	HZ	80	69	73	69	6	23	29.15	30.18															
13	OVC	042				10.00		63	51	56	65	15	35	29.09	30.13	13	FEW	NC					8.00		88	66	73	48	8	25	29.12	30.15															
16	OVC	043				10.00		63	50	56	63	8	03	29.11	30.15	16	FEW	NC					8.00		89	64	72	43	6	VR	29.07	30.09															
19	BKN	060				10.00		62	51	56	67	6	09	29.11	30.15	19	FEW	NC					7.00		86	67	73	53	3	28	29.04	30.07															
22	CLR	NC				10.00		57	52	54	83	3	04	29.13	30.19	22	CLR	NC					8.00		79	66	70	65	0	00	29.07	30.09															

# OBSERVATIONS AT 3-HOURLY INTERVALS

# KNOXVILLE, TN

JUNE 2000

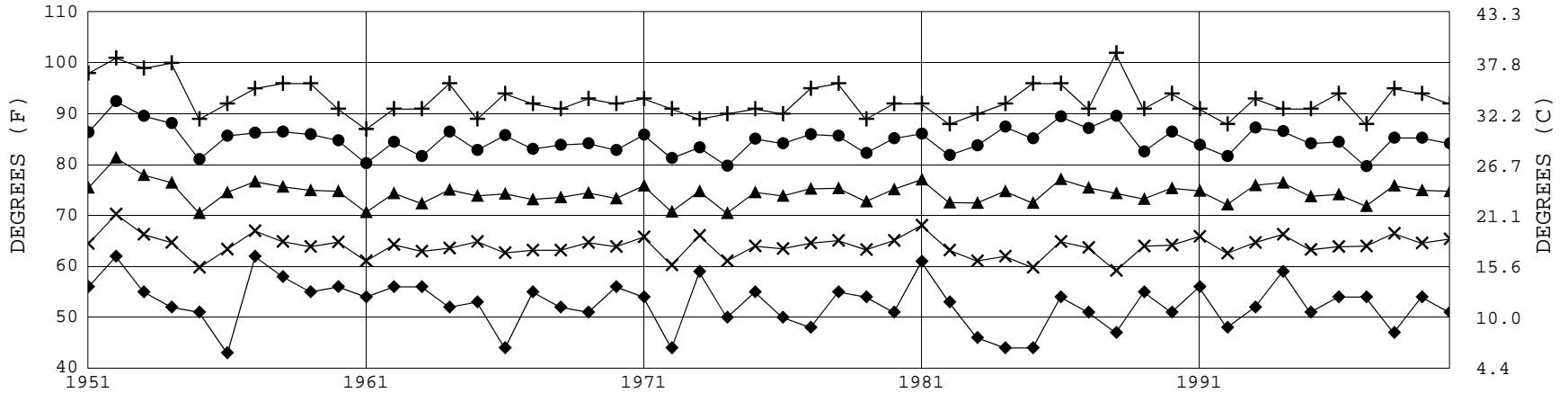
TYS

WBAN # 13891

HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
	SKY COVER	CEILING 100'S OF FT			OBSERVATION TIME (LST)	EFF CLD AMT Oktas	DRY BULB		DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL			SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)		EFF CLD AMT Oktas	DRY BULB	DEW POINT	WET BULB
<b>SUNRISE: 0519 JUN 13 SUNSET: 1953</b>																									
01	CLR	NC	6.00	HZ	73	68	70	84	0	00	29.06	30.08	01	SCT	NC	10.00		72	69	70	91	13	25	29.10	30.13
04	CLR	NC	5.00	BR	69	67	68	93	0	00	29.04	30.06	04	BKN	110	10.00		70	69	69	97	7	29	29.09	30.11
07	BKN	100	2.00	BR	69	68	68	96	5	07	29.08	30.10	07	OVC	038	4.00	-RA BR	71	70	70	96	5	27	29.11	30.14
10	SCT	NC	5.00	HZ	81	65	70	58	3	VR	29.10	30.12	10	OVC	019	10.00		75	70	72	84	13	24	29.13	30.16
13	BKN	100	8.00		85	67	73	55	6	30	29.06	30.09	13	BKN	070	10.00		79	71	74	77	9	24	29.13	30.17
16	BKN	100	7.00	TS	80	66	71	62	12	16	29.00	30.03	16	SCT	NC	10.00		83	70	74	65	3	27	29.08	30.11
19	BKN	110	10.00		78	68	71	71	5	20	29.00	30.03	19	SCT	NC	10.00		81	71	74	72	6	21	29.06	30.09
22	SCT	NC	10.00		74	69	71	85	0	00	29.01	30.03	22	FEW	NC	10.00		76	71	73	85	3	22	29.10	30.13
<b>SUNRISE: 0519 JUN 14 SUNSET: 1953</b>																									
01	FEW	NC	9.00		72	69	70	91	0	00	29.00	30.02	01	CLR	NC	8.00		73	71	72	94	0	00	29.10	30.12
04	CLR	NC	8.00		70	69	69	97	3	13	29.00	30.03	04	BKN	080	7.00		71	71	71	100	0	00	29.07	30.10
07	FEW	NC	5.00	BR	71	69	70	94	0	00	29.02	30.05	07	BKN	023	6.00	BR	72	71	71	97	0	00	29.09	30.11
10	SCT	NC	10.00		83	69	73	63	13	24	29.02	30.04	10	BKN	032	7.00		76	74	75	94	5	22	29.10	
13	SCT	NC	10.00		88	68	74	52	15	24	28.98	30.01	13	BKN	045	7.00		80	73	75	79	0	00	29.06	
16	FEW	NC	10.00		90	64	73	42	22	24	28.92	29.94	16	SCT	NC	10.00	TS	83	72	75	70	8	24	29.02	
19	SCT	NC	10.00		84	66	72	55	10	26	28.93	29.95	19	BKN	120	10.00		79	72	74	79	8	21	29.02	
22	SCT	NC	10.00		73	67	69	81	5	15	28.98	30.01	22	CLR	NC	10.00		75	69	71	82	0	00	29.02	
<b>SUNRISE: 0519 JUN 15 SUNSET: 1954</b>																									
01	BKN	100	10.00		75	67	70	76	0	00	28.96	29.98	01	FEW	NC	10.00		74	68	70	82	0	00	29.01	
04	FEW	NC	10.00		73	66	68	79	10	22	28.93	29.95	04	FEW	NC	10.00		71	68	69	90	7	26	28.99	30.01
07	SCT	NC	10.00		75	66	69	74	12	21	28.93	29.95	07	SCT	NC	10.00		73	69	70	87	0	00	28.99	30.02
10	BKN	120	10.00		81	69	73	67	16	22	28.94	29.97	10	BKN	070	10.00		80	70	73	71	14	21	29.00	30.03
13	SCT	NC	10.00		89	67	74	48	22	23	28.88	29.90	13	SCT	NC	10.00		86	69	74	57	17	25	28.96	29.98
16	BKN	100	10.00		82	70	74	67	5	28	28.83	29.85	16	SCT	NC	10.00		85	70	75	61	22	22	28.92	29.94
19	FEW	NC	10.00		74	70	71	88	7	06	28.83	29.86	19	SCT	NC	10.00		80	70	73	71	14	23	28.89	29.91
22	SCT	NC	9.00		72	70	71	94	0	00	28.89	29.91	22	FEW	NC	10.00		72	69	70	91	6	27	28.93	29.95
<b>SUNRISE: 0519 JUN 16 SUNSET: 1954</b>																									
01	CLR	NC	10.00		72	67	69	84	8	27	28.89	29.91	01	FEW	NC	10.00		71	69	70	94	6	32	28.92	29.94
04	CLR	NC	10.00		71	66	68	84	9	26	28.89	29.91	04	OVC	005	3.00	RA BR	70	69	69	97	6	23	28.93	29.95
07	OVC	034	10.00		72	66	68	82	6	27	28.93	29.96	07	BKN	110	10.00		71	69	70	94	5	25	28.94	29.97
10	OVC	029	6.00	BR	71	70	70	96	10	20	28.97	30.00	10	BKN	090	10.00		76	68	71	77	10	25	28.98	30.01
13	OVC	024	10.00		78	70	73	76	15	23	28.97	30.00	13	BKN	110	10.00		77	68	71	74	6	27	28.97	30.00
16	BKN	070	10.00		73	70	71	90	10	22	28.94	29.97	16	SCT	NC	10.00		81	67	72	62	12	27	28.95	29.97
19	FEW	NC	10.00		77	72	74	85	6	26	28.93	29.96	19	CLR	NC	10.00		81	65	70	58	6	26	28.93	29.96
22	CLR	NC	10.00		72	69	70	91	8	25	29.01	30.03	22	CLR	NC	10.00		73	65	68	76	0	00	28.98	30.01
<b>SUNRISE: 0520 JUN 17 SUNSET: 1954</b>																									
01	BKN	038	10.00		71	69	70	94	3	22	29.04	30.06	01	CLR	NC	9.00		69	66	67	90	0	00	28.99	30.02
04	FEW	NC	10.00		69	67	68	93	7	24	29.03	30.06	04	CLR	NC	7.00		66	65	65	96	0	00	29.00	30.02
07	OVC	030	10.00		71	68	69	90	0	00	29.08	30.10	07	CLR	NC	7.00		67	65	66	93	3	19	29.03	30.06
10	BKN	039	10.00		76	69	71	79	8	24	29.10	30.13	10	CLR	NC	10.00		78	65	70	64	3	VR	29.05	30.07
13	BKN	065	10.00		83	70	74	65	15	22	29.08	30.11	13	FEW	NC	10.00		85	61	69	45	7	VR	29.04	30.06
16	FEW	NC	10.00		84	68	73	59	14	24	29.01	30.04	16	FEW	NC	10.00		87	60	70	40	5	25	28.99	30.02
19	SCT	NC	10.00		80	71	74	74	10	26	29.05	30.07	19	CLR	NC	10.00		83	63	70	51	6	24	28.99	30.02
22	OVC	039	10.00	-RA	72	70	71	94	0	00	29.11	30.14	22	CLR	NC	10.00		77	64	69	64	0	00	29.01	30.04
<b>SUNRISE: 0520 JUN 18 SUNSET: 1954</b>																									
01	OVC	035	10.00	-RA	70	69	69	97	8	19	29.10	30.12	01	CLR	NC	10.00		72	65	67	79	0	00	29.01	30.03
04	SCT	NC	10.00		69	68	68	96	8	28	29.07	30.09	04	CLR	NC	10.00		67	63	64	87	0	00	29.00	30.03
07	BKN	004	7.00		69	69	69	100	7	26	29.12	30.16	07	CLR	NC	10.00		69	64	66	84	3	08	29.04	30.06
10	BKN	023	10.00		77	69	72	77	14	24	29.13	30.17	10	CLR	NC	10.00		79	66	70	65	0	00	29.06	30.09
13	BKN	036	10.00		78	71	73	79	15	27	29.12	30.16	13	CLR	NC	10.00		87	65	72	48	10	25	29.03	30.05
16	BKN	090	10.00		81	71	74	72	7	29	29.08	30.11	16	FEW	NC	10.00		90	61	71	38	13	26	28.98	30.00
19	BKN	120	10.00		79	71	74	77	3	25	29.07	30.09	19	FEW	NC	10.00		85	65	72	51	8	23	28.96	29.99
22	SCT	NC	10.00		75	72	73	90	0	00	29.10	30.12	22	CLR	NC	10.00		78	65	70	64	0	00	28.98	30.00



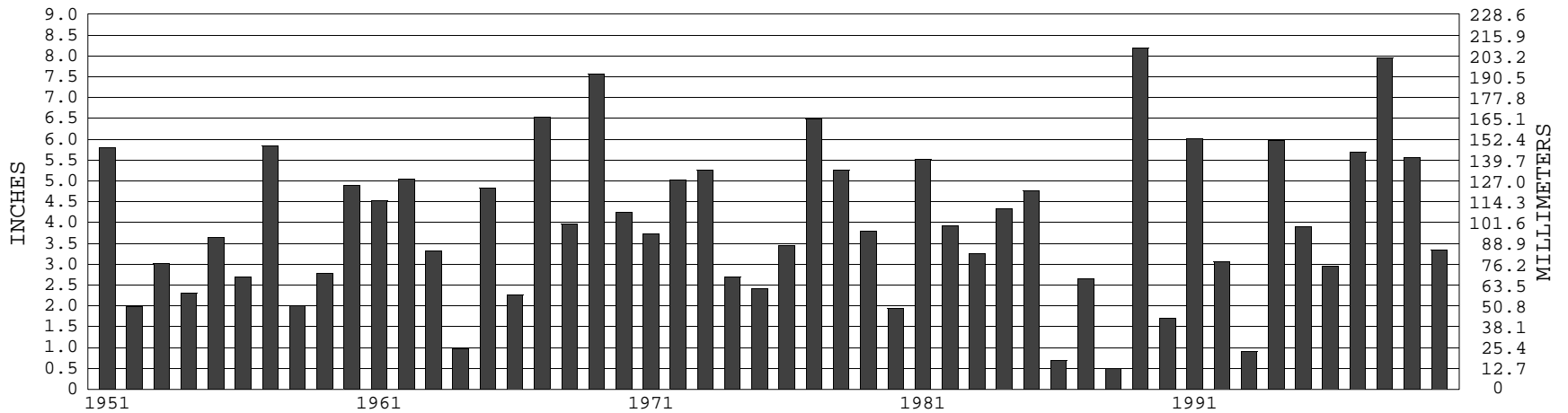
### KNOXVILLE, TN JUNE TEMPERATURES



+ Extreme Max.      ● Mean Max.      ▲ Mean      × Mean Min.      ◆ Extreme Min.

Long-Term (1951-2000) Mean: 74.5      1961-1990 Normal: 73.2

### KNOXVILLE, TN JUNE PRECIPITATION



Long-Term (1951-2000) Mean Monthly Total: 3.99

1961-1990 Normal: 3.97



**JUNE 2000  
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.*

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